Engineering Connection Assessment

P2566 Eastervale Solar Project Connection

Eastervale Solar Inc.

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The Association of Professional Engineers and Geoscientists of Alberta (APEGA)

NOTE:

The conclusions and recommendations in this report are based on the results presented in *Attachment B: Engineering Connection Assessment: Study Results*, which was prepared by a third party consultant in accordance with the AESO Connection Process.

The AESO has reviewed the *Engineering Connection Assessment: Study Results*, and finds it acceptable for the purpose of assessing the potential impacts of the proposed connection on the performance of the Alberta interconnected electric system.

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Attachment A: Table A-1: Summary of Category B Reliability Criteria Violations, Project Impact and Mitigation Measures- All Scenarios

Attachment B: Engineering Connection Assessment Results

1 Introduction

This AESO Engineering Connection Assessment describes the engineering studies that were completed to assess the impact of the Project (as defined below) on the performance of the Alberta interconnected electric system (AIES). This report also provides the AESO's conclusions and recommendations based on the results of the engineering studies.

Attached to this Engineering Connection Assessment are the results of the engineering studies (see Attachment B) and the scope and methodology used to perform the studies (see Attachment B1 to Attachment B). These attachments provide details regarding the technical criteria, assumptions, and methods for performing these engineering studies, and the results of the engineering studies.

1.1 Project Overview

Eastervale Solar Inc. (Market Participant) has submitted a request for system access service to the Alberta Electric System Operator (AESO) to connect its proposed Eastervale Solar Project (Facility) to the AIES. The Facility includes a proposed collector substation, to be designated the Eastervale 1090S substation.

The Market Participant's request includes: a request for a new system access service in the area, with a Rate STS, *Supply Transmission Service*, contract capacity of 300 MW and a Rate DTS, *Demand Transmission Service*, contract capacity of 1 MW; and a request for transmission development (collectively, the Project).

The scheduled in-service date (ISD) for the Project is October 1, 2027.

2 Assessment Scope

2.1 Objectives

The objectives of the AESO Engineering Connection Assessment are as follows:

- Assess the impact of the Project on the performance of the AIES.
- Evaluate Project connection alternatives and identify the AESO's preferred alternative.
- Recommend mitigation measures, if required, to reliably connect the Project to the AIES.
- Identify Project dependencies, including any TFO projects or AESO plans to expand or enhance the transmission system that must be completed prior to connection.

2.2 Existing System

Geographically, the Project is located in the AESO planning area of Provost (Area 37), which is part of the AESO Central planning region. The Provost area (Area 37) is surrounded by the neighbouring planning areas of Wainwright (Area 32), Alliance/Battle River (Area 36), and Hanna (Area 42).

From a transmission system perspective, the Provost area (Area 37) consists of 138/144 kV and 240 kV transmission systems. The Provost area (Area 37) is connected to the Wainwright area (Area 32) with one 138 kV line and two 240 kV lines, the Lloydminster area (Area 13) with one 138/144 kV line, the Alliance/Battle River area (Area 36) with two 240 kV lines, and the Hanna area (Area 42) with one 138/144 kV line and one 240 kV line.

Existing constraints in the Central planning region are managed in accordance with the procedures set out in Section 302.1 of the ISO rules, *Real Time Transmission Constraint Management* (TCM Rule).

2.3 Study Area

The Study Area consists of the AESO planning areas of Hanna (Area 42), Lloydminster (Area 13), Wainwright (Area 32), Vegreville (Area 56), Provost (Area 37), and Battle River (Area 36), including the tie lines connecting these planning areas to the rest of the AIES.

All transmission facilities within the Study Area will be studied and monitored for violations of the Reliability Criteria (defined in Section 3.1 of Attachment B1).

3 Connection Alternatives

3.1 Overview

The AESO, in consultation with the TFO in the Study Area and the Market Participant, examined six transmission alternatives to meet the Market Participant's request for system access service, as detailed in Section 3.2.

3.2 Connection Alternatives Examined

Below is a description of the developments associated with the transmission alternatives that were examined for the Project.

Alternative 1 – Radial 240 kV connection to Hansman Lake 650S substation

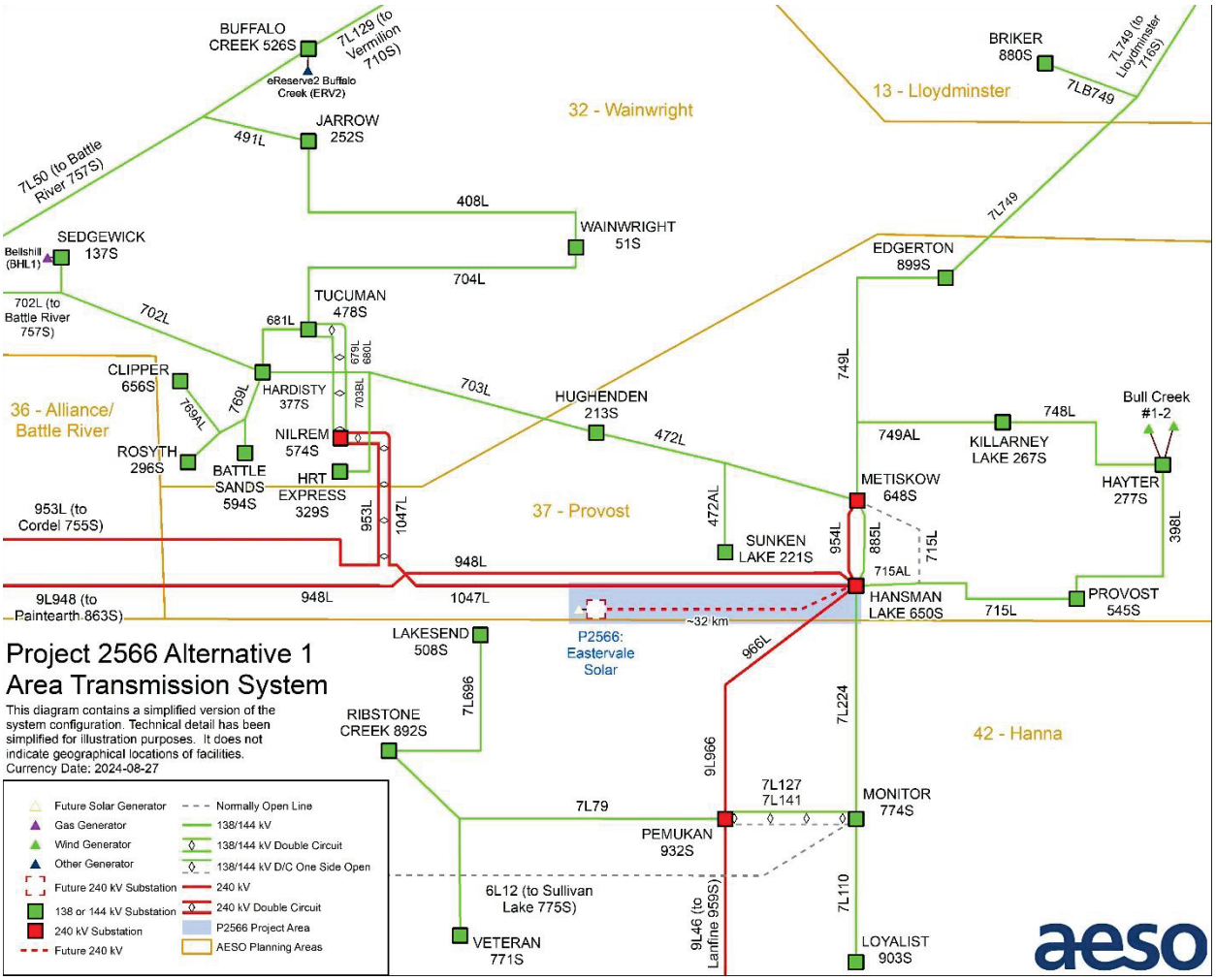
This alternative includes the following developments:

- Add a 240 kV circuit, approximately 32 kilometers[1] in length, to connect the Facility to the existing Hansman Lake 650S substation using a radial configuration;
- Modify Hansman Lake 650S substation by adding one 240 kV circuit breaker; and
- Add or modify associated equipment as required for the above transmission developments.

The proposed connection configuration is shown in Figures 3-1.

[1] Exact line length to be determined by the TFO.

Figure 3-1: Connection Alternative 1



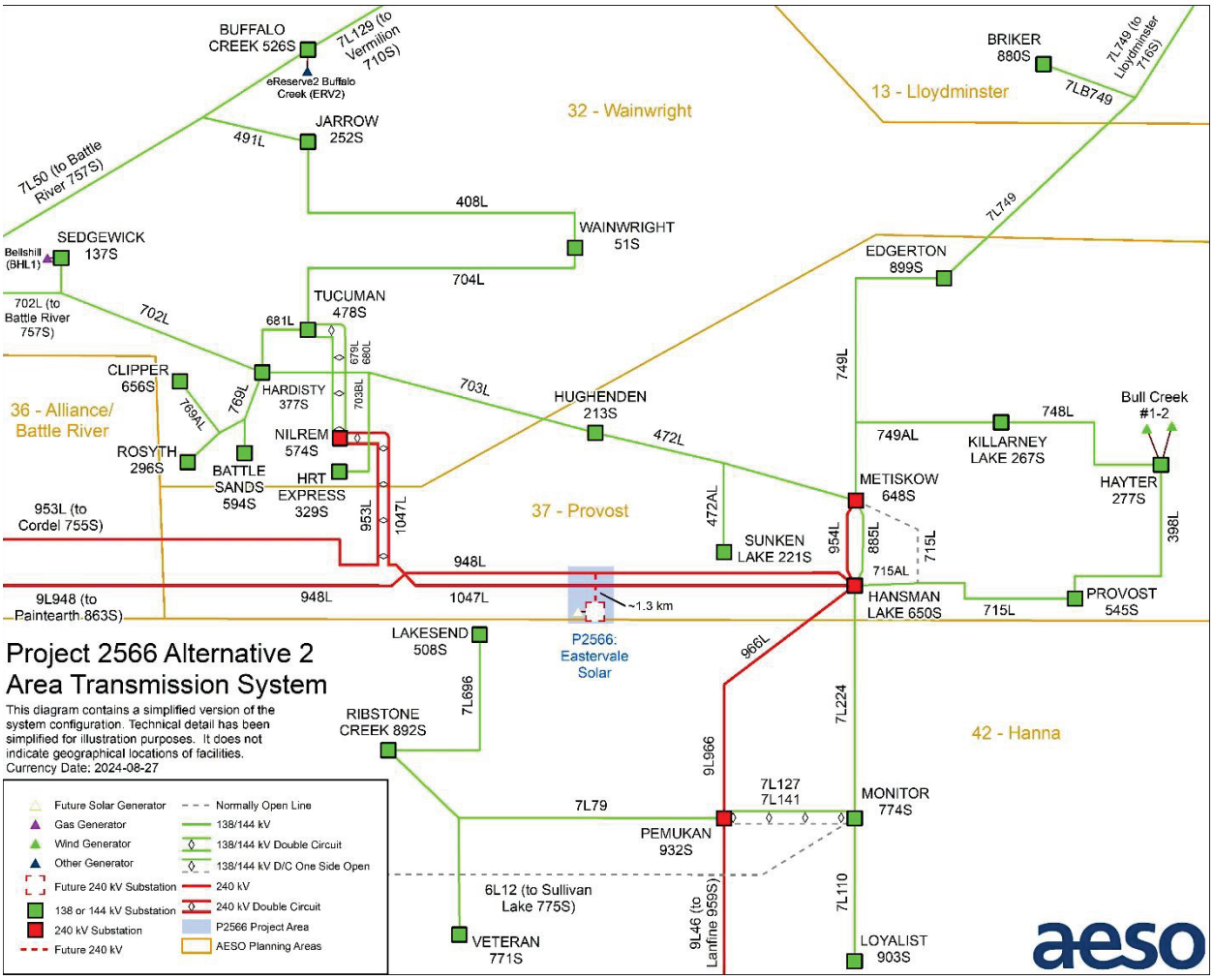
Alternative 2 – T-tap connection to 240 kV transmission line 948L

This alternative includes the following developments:

- Add a 240 kV circuit, approximately 0.8 kilometers[2] in length, to connect the Facility to the existing transmission line 948L (between Hansman Lake 650S and Paintearth 863S substations) using a T-tap connection configuration which would require crossing the 240 kV transmission line 1047L; and
- Add or modify associated equipment as required for the above transmission developments.

The proposed connection configuration is shown in Figure 3-2.

Figure 3-2: Connection Alternative 2



[2] Exact line length to be determined by the TFO.

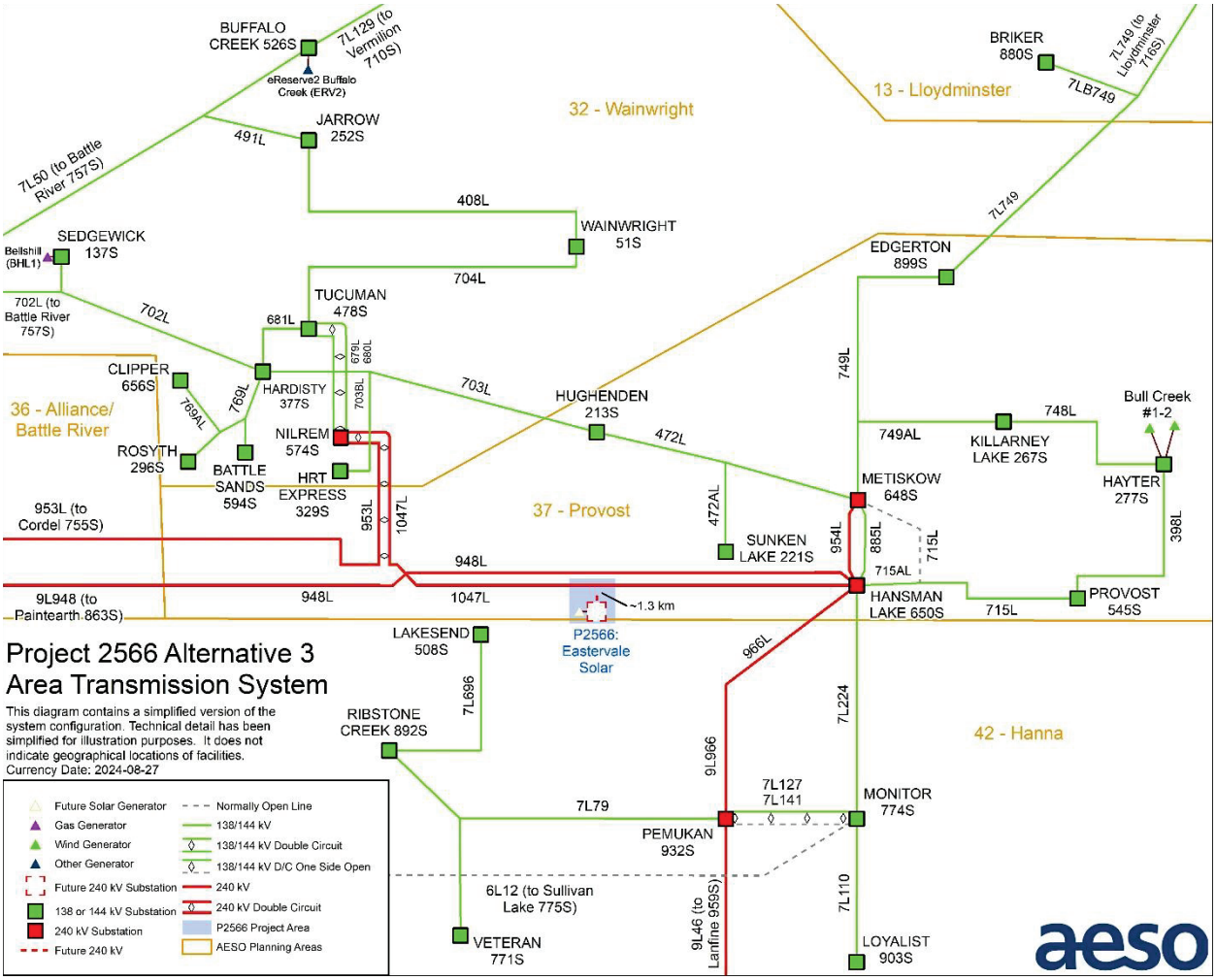
Alternative 3 – T-tap connection to 240 kV transmission line 1047L

This alternative includes the following developments:

- Add a 240 kV circuit, approximately 0.8 kilometers[3] in length, to connect the Facility to the existing 240 kV transmission line 1047L (between Nilrem 574S and Hansman Lake 650S substations) using a T-tap connection configuration; and
- Add or modify associated equipment as required for the above transmission developments.

The proposed connection configuration is shown in Figure 3-3.

Figure 3-3: Connection Alternative 3



[3] Exact line length to be determined by the TFO.

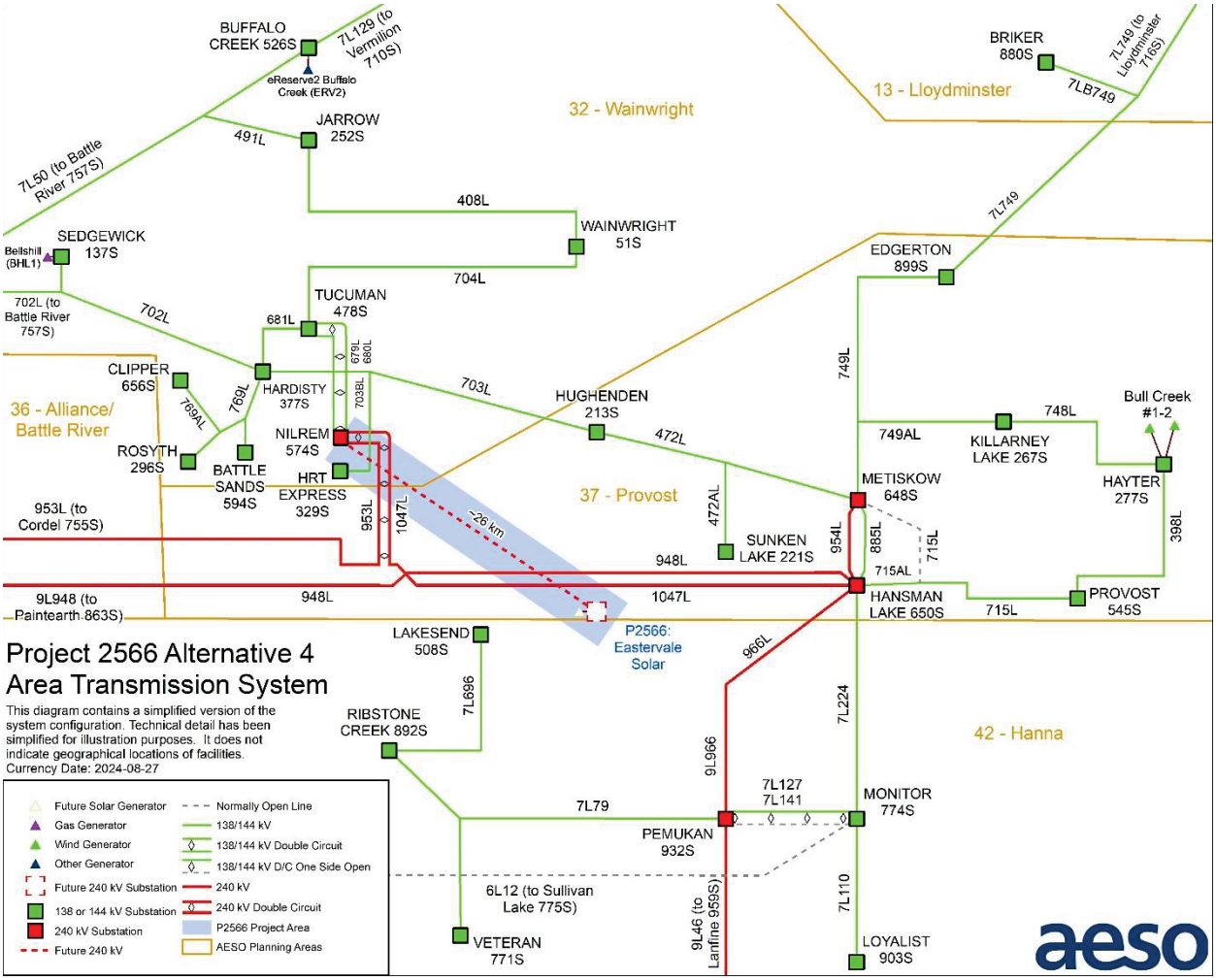
Alternative 4 – Radial 240 kV connection to Nilrem 574S substation

This alternative includes the following developments:

- Add a 240 kV circuit, approximately 26 kilometers[4] in length, to connect the Facility to the existing Nilrem 574S substation using a radial configuration which would require crossing the 240 kV transmission lines 1047L, 948L, 953L; and
- Modify Nilrem 574S substation by adding one 240 kV circuit breaker; and
- Add or modify associated equipment as required for the above transmission developments.

The proposed connection configuration is shown in Figure 3-4.

Figure 3-4: Connection Alternative 4



[4] Exact line length to be determined by the TFO.

Alternative 5 – In-and-out connection to 240 kV transmission line 948L

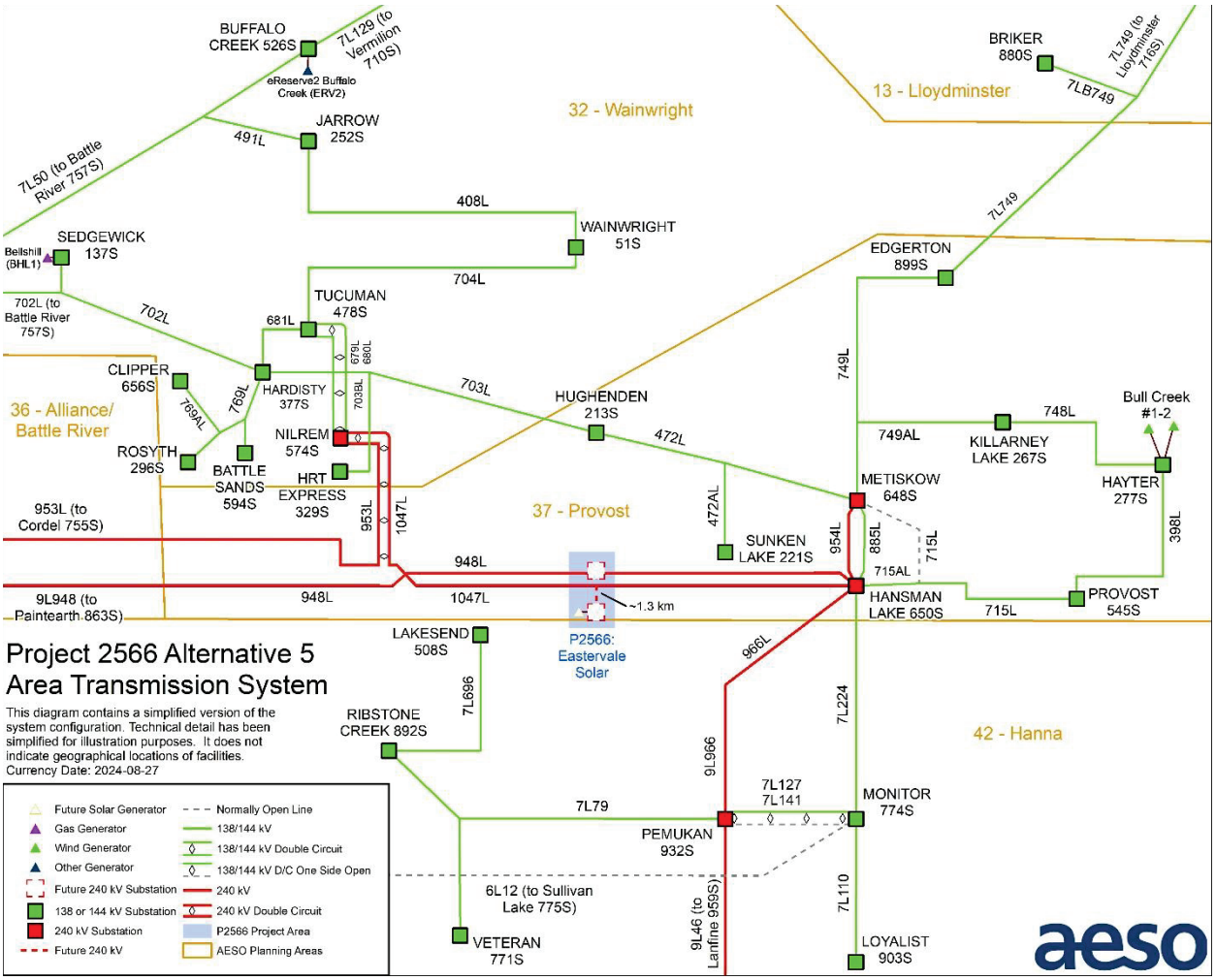
This alternative includes the following developments:

- Add a 240 kV switching substation, including three 240 kV circuit breakers, connected to the existing 240 kV transmission line 948L (between Hansman Lake 650S and Paintearth 863S substations) using an in-and-out configuration, which would require crossing the 240 kV transmission line 1047L; and
- Add a 240 kV circuit, approximately 0.8 kilometers[5] in length, to connect the Facility to the proposed 240 kV substation using a radial configuration; and
- Add or modify associated equipment as required for the above transmission developments.

The proposed connection configuration is shown in Figure 3-5.

[5] Exact line length to be determined by the TFO.

Figure 3-5: Connection Alternative 5



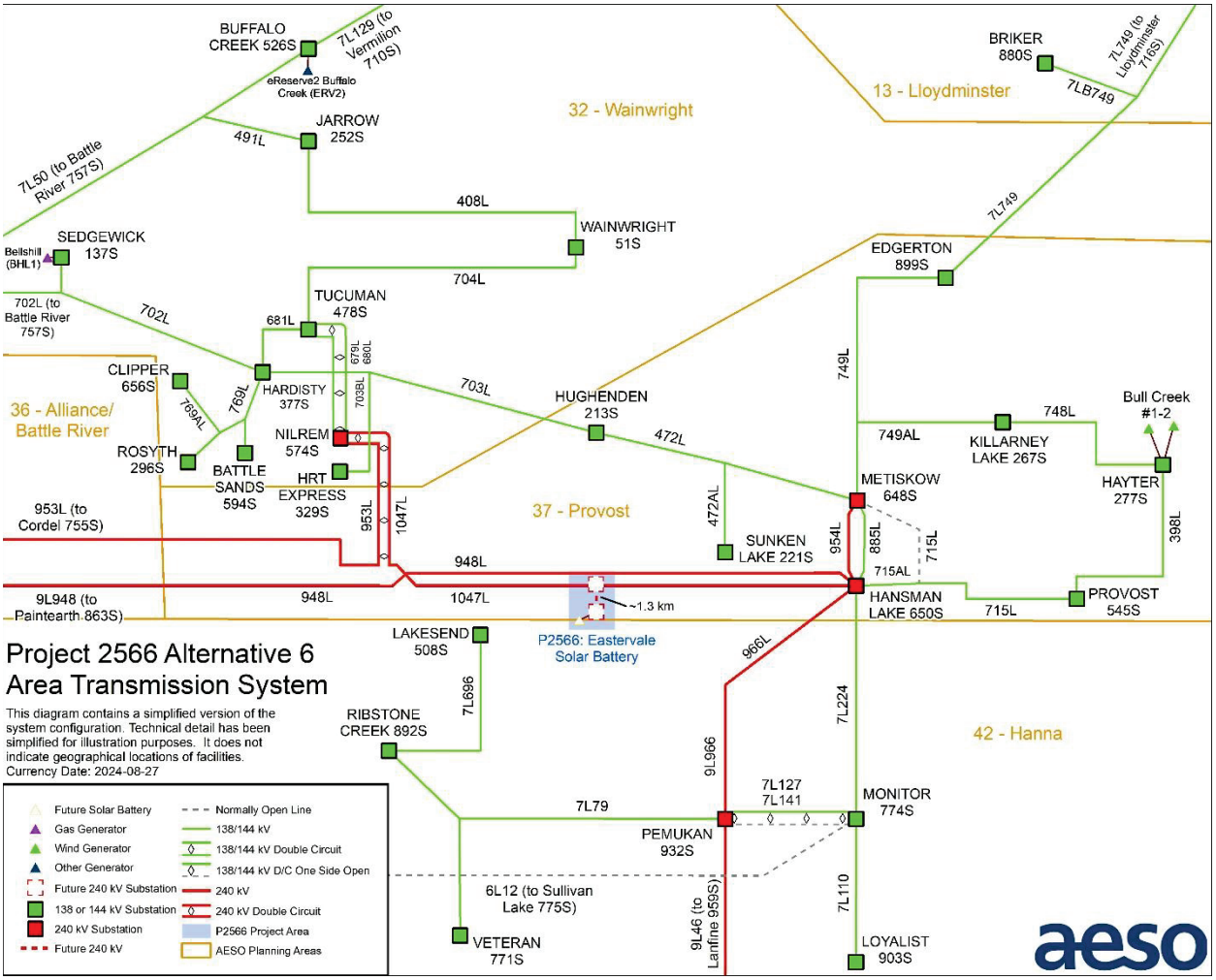
Alternative 6 – In-and-out connection to 240 kV transmission line 1047L

This alternative includes the following developments:

- Add a 240 kV switching substation, including three 240 kV circuit breakers, to be connected to the existing 240 kV transmission line 1047L (between Nilrem 574S and Hansman Lake 650S substations) using an in-and-out configuration; and
- Add a 240 kV circuit, approximately 0.8 kilometers[6] in length, to connect the Facility to the proposed 240 kV substation using a radial configuration; and
- Add or modify associated equipment as required for the above transmission developments.

The proposed connection configuration is shown in Figure 3-6.

Figure 3-6: Connection Alternative 6



[6] Exact line length to be determined by the TFO

3.3 Connection Alternatives Selected for Further Study

Alternative 3 is considered technically feasible and was selected for further study.

3.4 Connection Alternatives Not Selected for Further Study

Alternatives 1, 4, 5, and 6 involve increased transmission development, and hence increased cost compared with Alternatives 2 and 3. Therefore, these alternatives were not selected for further studies.

Alternative 2 has similar system performance as Alternative 3, but requires one additional line-crossing compared to Alternative 3, resulting in increased transmission development, and hence increased cost, therefore Alternative 2 was ruled out.

4 Assessment Approach

4.1 Standards, Criteria and Assumptions

A detailed description of the standards, criteria, and assumptions that were used for the connection assessment is provided in Attachment B (see Attachment B1).

4.2 Studies Performed

The scheduled ISD for the Project is October 1, 2027; therefore, the studies were performed using high generation scenarios for 2028 Summer Light (SL), 2028 Summer Peak (SP), and 2028 Winter Peak (WP). Transient studies were also performed for the 2028 SL, 2028 SP, and 2028 WP post-Project scenarios.

Stage 1 of the approved Central East Transfer-out Transmission (CETO) project[7] was included in all studied scenarios reported herein.

Short-circuit studies were performed using the 2028 Winter Peak (WP) pre-Project and post-Project scenarios, as well as the 2033 WP scenario.

Table 4-1 lists the study scenarios. Post-Project scenarios reflect the requested Rate STS contract capacity of 300 MW at the Eastervale 1090S substation.

Table 4-1: Connection Study Scenarios

Scenario No.	Year/Season	System Generation Dispatch Conditions	Scenario Name	Project Load (MW)	Project Generation (MW)
Pre-Project					
1	2028 Summer Peak HG (2028 SP)	High Generation (HG)	2028 SP Pre-Project-HG	0	0
2	2028 Summer Light HG (2028 SL)		2028 SL Pre-Project-HG	0	0
3	2028 Winter Peak HG (2028 WP)		2028 WP Pre-Project-HG	0	0
Post-Project					
4	2028 SP HG	HG	2028 SP Post -Project-HG	0	300
5	2028 SL HG		2028 SL Post -Project-HG	0	300
6	2028 WP HG		2028 WP Post -Project-HG	0	300
7	2033 WP HG	All study area generation in-service	2033 WP Post-Project- HG	0	300

[7] Decision 25469-D01-2021, Alberta Electric System Operator, Needs Identification Document Application, *Central East Transfer-out Transmission Development*.

Note: The Market Participant initially had submitted a request for a DTS of 200 MW, which was studied as part of the engineering assessment as a load study, and the results are included in Attachment B. As the Market Participant has since then changed the DTS to 1 MW, the load study results have been removed from this document.

The AESO Planning Region load forecasts used for the connection studies were based on the *AESO's 2023 Long-term Outlook* (2023 LTO). While the AESO has updated its regional forecasts since the connection studies were performed, the use of the current AESO forecast, the 2024 Long-term Outlook (2024 LTO) would not materially alter the connection study results or affect the conclusions and recommendations in this report.

4.2.1 Power Flow Studies

The purpose of the power flow studies is to identify and quantify any thermal and voltage criteria violations in the Study Area.

In addition, power flow studies are also used to identify point of delivery (POD) low voltage bus voltage deviations beyond the limits listed in Table 3-1 of Attachment A1.[8]

Power flow studies were performed for the 2028 Summer Light, 2028 Summer Peak, and 2028 Winter Peak pre-Project scenarios, and for the 2028 Summer Light, 2028 Summer Peak, and 2028 Winter Peak post-Project scenarios listed in Table 4-1 above.

4.2.2 Transient Stability Studies

The purpose of the transient stability studies is to assess the post-Project stability of the transmission system after three-phase to ground faults are applied on select transmission lines in the Study Area.

Transient stability studies were performed for the 2028 Summer Light, 2028 Summer Peak, and 2028 Winter Peak post-Project scenarios listed in Table 4-1 above.

4.2.3 Short-Circuit Current Level Studies

The purpose of short-circuit current level studies is to determine the expected system short-circuit current levels in the vicinity of the Project.

Short circuit studies were performed for the 2028 Winter Peak pre-Project scenario and for the 2028 Winter Peak and 2033 Winter Peak post-Project scenarios listed in Table 4-1 above.

4.3 Mitigation Measure Development and Evaluation

As explained in Section 6 of Attachment B1, mitigation measures were developed to address system performance issues that were identified in the post-Project scenarios. Studies performed to assess the effectiveness of mitigation measures are briefly outlined below.

[8] The AESO's desired post-contingency voltage deviations for low voltage busses represent guidelines rather than criteria. A POD bus voltage deviation that exceeds the desired limits shown in Table 3-1 of Attachment A1 does not represent a Reliability Criteria violation. Mitigation measures would not be developed to specifically address POD bus voltage deviations that exceed the desired values in Table 3-1 of Attachment A1.

4.3.1 Post-Mitigation Studies

Power flow studies were performed to assess the impact of the Project on the performance of the AIES following implementation of the AESO's proposed mitigation measures.

4.3.2 Constraint Effective Factor Studies

Constraint effective factor studies were used to determine the generator and load constraint effective factors and to identify the most effective generators or loads to manage thermal criteria violations that were observed under Category B conditions.

5 Interpretation of Results

5.1 Results Overview

This section provides an assessment of the impact of the Project on the performance of the AIES. The Reliability Criteria violations observed during the connection assessment studies for Category A, and the proposed mitigation measures are summarized in Table 5-1. Reliability Criteria violations observed during the connection assessment studies for Category B and the proposed mitigation measures are summarized in Attachment A.

- Section 5.2 includes an overview of the pre-Project studies results.
- Section 5.3 includes an overview of the post-Project studies results.
- Section 5.4 includes a description of the proposed mitigation measures to address observed Reliability Criteria violations.

Detailed study results are provided in Attachment B.

Table 5-1: Summary of Category A Reliability Criteria Violations, Project Impact and Mitigation Measures- All Scenarios

Scenario	Type of Reliability Criteria Violation Pre-Project	Type of Reliability Criteria Violation Post-Project	Details of Violation	Project Impact	Pre-Project Mitigation Measures	Post-Project Mitigation Measures
2028 Summer Peak	None	Thermal - above normal rating	472L (Metiskow 648S - 472AL Tap)	New violation	None	Real-time operational practices (RTOP)
	Thermal - above normal rating	Thermal - above normal rating	472L (Hughenden 213S - 472AL Tap)	Materially increased violation	RTOP	RTOP
	Thermal - above normal rating	Thermal - above normal rating	749AL (749AL Tap - 749AAL Tap)	Marginally increased violation	RTOP	RTOP
	Thermal - above emergency rating	Thermal - above emergency rating	715L (715AL Tap - 715BL Tap)	Marginally decreased violation	RTOP	RTOP
	Thermal - above emergency rating	Thermal - above emergency rating	7L760 (Oyen 767S - 7LA760 Tap)	Materially increased violation	RTOP	RTOP
	Thermal - above emergency rating	Thermal - above emergency rating	7L132 (Oyen 767S - Lanfine 959S)	Materially increased violation	RTOP	RTOP
2028 Summer Light	Thermal - above normal rating	Thermal - above emergency rating	7L760 (Oyen 767S - 7LA760 Tap)	Materially increased violation	RTOP	RTOP
	Thermal - above normal rating	Thermal - above normal rating	7L132 (Oyen 767S - Lanfine 959S)	Materially increased violation	RTOP	RTOP
2028 Winter Peak	None	Thermal - above normal rating	704L (Wainwright 51S - Tucuman 478S)	New violation	None	RTOP
	Thermal - above normal rating	Thermal - above normal rating	749AL (749AL Tap - 749AAL Tap)	Marginally increased violation	RTOP	RTOP
	None	Thermal - above emergency rating	9L62 (Tinchebray 972S - Gaetz 87S)	New violation	None	RTOP, CETO Phase II

Notes:

- Marginally increased (or marginally decreased) refers to a percent loading difference (post-Project percent loading minus pre-Project percent loading) between 0% and 3% (or -3%).
- Materially increased (or materially decreased) refers to a percent loading difference (post-Project percent loading minus pre-Project percent loading) above or equal to 3% (or below or equal to -3%)

5.2 Pre-Project Study Results

5.2.1 Category A Conditions

As shown in table 5-1, with the inclusion of additional projects planning to connect in the Central region the pre-Project power flow studies identified several thermal criteria violations under the Category A condition (i.e. all elements in service) in Summer Peak, Summer Light, and Winter Peak scenarios.

Category A thermal criteria violations were observed on the 138/144 kV transmission lines 472L, 749AL, 7L760, 7L132, and 715L.

The short-circuit fault levels were found to be within the typical capabilities of the nearby facilities.

5.2.2 Category B Conditions

The pre-Project power flow studies identified several thermal criteria violations under Category B conditions (i.e., loss of a single system element); see Attachment A for details.

5.3 Post-Project Study Results

5.3.1 Category A Conditions

Following the connection of the Project, power flow studies identified a number of thermal criteria violations under the Category A condition in Summer Peak, Summer Light, and Winter Peak scenarios. All of the Category A thermal criteria violations observed in the pre-Project scenarios, including violations on the 138/144 kV transmission lines 472L, 749AL, 7L760, 7L132, and 715L were observed after the connection of the Project. The violations on 715L, and 749AL lines were not changed materially compared to pre-Project conditions, while the violations on 472L, 7L760, and 7L132 were materially exacerbated. New violations on a different segment of the 138 kV transmission line 472L (not overloaded under Category A conditions in pre-Project scenarios), as well as on the 138 kV transmission line 704L and on the 240 kV transmission line 9L62 were also observed.

A summary of thermal criteria violations observed under N-0 system conditions in the Summer Peak scenarios are shown in Table 5-2, the Summer Light scenarios are shown in Table 5-3, and the Winter Peak scenarios are shown in Table 5-4.

Table 5-2: Thermal Criteria violations under N-0 Condition in the SP scenarios

Details of Violation (Violation Observed On)	Normal Rating (MVA)	Emergency Rating (MVA)	Pre-Project Results		Post-Project Results		% Loading Difference (Post-Pre)
			Observed Power Flow (MVA)	% Loading	Observed Power Flow (MVA)	% Loading	
472L (Metiskow 648S - 472AL Tap)	121.0	133.0	118.8	98.2	122.8	101.5	3.3
472L (Hughenden 213S - 472AL Tap)	84	92	85.3	101.6	88.6	105.5	3.9

Details of Violation (Violation Observed On)	Normal Rating (MVA)	Emergency Rating (MVA)	Pre-Project Results		Post-Project Results		% Loading Difference (Post-Pre)
			Observed Power Flow (MVA)	% Loading	Observed Power Flow (MVA)	% Loading	
749AL (749AL Tap - 749AAL Tap)	120.9	133	127.2	105.2	129.4	107.0	1.8
715L (715AL Tap - 715BL Tap)	98	108	117.3	119.7	114.9	117.2	-2.5
7L760 (Oyen 767S - 7LA760 Tap)	110.2	122.7	155.2	140.8	166.0	150.6	9.8
7L132 (Oyen 767S - Lanfine 959S)	112.1	138	155.7	138.9	166.8	148.8	9.9

Table 5-3: Thermal Criteria violations under N-0 Condition in the SL scenarios

Details of Violation (Violation Observed On)	Normal Rating (MVA)	Emergency Rating (MVA)	Pre-Project Results		Post-Project Results		% Loading Difference (Post-Pre)
			Observed Power Flow (MVA)	% Loading	Observed Power Flow (MVA)	% Loading	
7L760 (Oyen 767S - 7LA760 Tap)	110.2	122.7	113.1	102.6	123.5	112.1	9.5
7L132 (Oyen 767S - Lanfine 959S)	112.1	138.0	114.7	102.3	125.3	111.8	9.5

Table 5-4: Thermal Criteria violations under N-0 Condition in the WP scenarios

Details of Violation (Violation Observed On)	Normal Rating (MVA)	Emergency Rating (MVA)	Pre-Project Results		Post-Project Results		% Loading Difference (Post-Pre)
			Observed Power Flow (MVA)	% Loading	Observed Power Flow (MVA)	% Loading	
704L (Wainwright 51S - Tucuman 478S)	79.0	87.0	62.1	77.0	79.9	101.2	24.2
749AL (749AL Tap - 749AAL Tap)	148.0	163.0	155.8	105.3	158.5	107.1	1.8

Details of Violation (Violation Observed On)	Normal Rating (MVA)	Emergency Rating (MVA)	Pre-Project Results		Post-Project Results		% Loading Difference (Post-Pre)
			Observed Power Flow (MVA)	% Loading	Observed Power Flow (MVA)	% Loading	
9L62 (Tinchebray 972S -Gaetz 87S)	831.4	831.4	787.4	91.4	859.7	103.4	12.0

Tables 5-2 to 5-4 indicate that the project has material impacts on N-0 thermal criteria violations in the Study Area following the inclusion of the Project and additional projects planning to connect in the Central region, including on transmission lines 472L, 7L760, 7L132, 704L, and 9L62.

Post-Project short-circuit fault levels were not significantly higher than pre-Project levels and were found to be within the typical capabilities of the nearby facilities.

5.3.2 Category B Conditions

Post-Project studies identified a number of thermal criteria violations under Category B conditions. Following the connection of the Project, most of the thermal criteria violations observed in the pre-Project scenarios were exacerbated, and new thermal criteria violations were observed.

The results did not indicate any transient stability concerns, and the system showed acceptable dynamic response to all Category B conditions studied.

5.4 Mitigation Measures

This section discusses the AESO's proposed mitigation measures to address the system performance issues that were identified pre-Project and post-Project scenarios.

5.4.1 Pre-Project

The Category A thermal reliability criteria violations observed on the 138 / 144 kV transmission lines 472L, 749AL, 7L760, 7L132, and 715L, and can be managed by applying Section 302.1 of the ISO rules, *Real-Time Transmission Constraint Management* (TCM Rule) to curtail generation.

Prior to connection of the Project, most of the observed Category B thermal criteria violations can be managed using real-time operational practices (RTOPs). The remaining voltage and thermal criteria violations can be mitigated by the existing RASs 134, 201, 203, planned RAS 238, and planned 9L24/760L RAS.

5.4.2 Post-Project

The Category A thermal reliability criteria violations observed on the 138 / 144 kV transmission lines 472L, 749AL, 7L760, 7L132, 715L, and 704L can be managed by applying Section 302.1 of the ISO rules, *Real Time Transmission Constraint Management* (TCM Rule) to curtail generation. The need for system

developments to address these thermal criteria violations will be assessed according to the forthcoming Optimal Transmission Planning (OTP) framework.[9]

The second stage of the approved CETO project,[10] which has a scheduled ISD of June 2026 and is prior to the Project's scheduled ISD, is expected to mitigate some of the thermal criteria violations involving 240 kV transmission line 9L62 observed under Category B conditions.

After connection of the Project, most of the thermal criteria violations observed under Category B conditions can be mitigated by using RTOPs, existing RASs 134, 201, 203, planned RAS 238, and planned 9L24/760L RAS. As well, existing RAS 211 will be modified to include the Project to mitigate overloads on 704L.

The total amount of generation tied to modified RAS 211 exceeds the MSSC limit of 466 MW. Pre-contingency generation curtailment under normal conditions may be required using real-time operational practices to prevent generation curtailment by RAS action above the MSSC limit. The probability of pre-curtailment being required would be dependent on generation profiles and operating conditions.

5.4.3 Post-Project Mitigation Study Results

Under Category B conditions, all of the observed Reliability Criteria violations requiring RAS were mitigated. The remaining violations are mitigated by RTOP.

[9] More information about Optimal Transmission Planning (OTP) is available on the AESO Engage website.

[10] Decision 25469-D01-2021, Alberta Electric System Operator, Needs Identification Document Application, Central East Transfer-out Transmission Development.

6 Project Dependencies

The Project does not require the completion of any other AESO plans to expand or enhance the transmission system prior to connection.

7 Conclusions and Recommendations

Based on the study results, Alternative 3 is technically viable. The connection assessment identified pre-Project and post-Project system performance issues. The connection assessment uses credible worst-case conditions to assess the impact of the Facility connecting on the AIES. Category A thermal criteria violations were observed under these credible worst-case load and generation forecast conditions. The probability of Category A thermal criteria violations materializing is highly dependent upon the production profile of the Facility and other generation facilities in the area.

The Category A violations will be mitigated through the use of real-time operational practices, which include applying the TCM Rule to curtail generation as required. The need for system developments to address Category A violations will be assessed according to the forthcoming Optimal Transmission Planning (OTP) framework.

The thermal criteria violations observed under Category B conditions can be mitigated by using existing RASs 134, 201, 203, , planned RAS 238, planned 9L24/760L RAS, modified RAS 211, and real-time operational practices, alone or in combination, as appropriate.

The total amount of generation tied to modified planned RAS 211 exceeds the MSSC limit of 466 MW. Pre-contingency generation curtailment under the Category A condition may be required using real-time operational practices to prevent generation curtailment by RAS action above the MSSC level. The probability of pre-curtailment being required would be dependent on generation profiles and operating conditions. With the implementation of these mitigation measures, connecting the project with the preferred alternative does not adversely affect the performance of the AIES.

The AESO recommends proceeding with the Project using Alternative 3 as the preferred alternative to respond to the Market Participant's request for system access service. Alternative 3 involves adding one 240 kV circuit to connect the Facility to the existing 240 kV transmission line 1047L in a T-tap connection configuration. The new 240 kV circuit connecting the Facility to 1047L should have a minimum capacity of 334 MVA to meet the Market Participant's requested STS contract capacity.

Attachment A:
Table A-1: Summary of Category B Reliability Criteria Violations, Project Impact and Mitigation Measures- All Scenarios

Table A-1 - Summary of Category B Reliability Criteria Violations, Project Impact and Mitigation Measures- All Scenarios

Scenario	Type of Reliability Criteria Violation		Contingency (System Element Lost)	Details of Violation	Project Impact	Pre-Project Mitigation Measures	Post-Project Mitigation Measures
	Pre-Project	Post-Project					
2028 Summer Peak	Thermal - above normal rating	Thermal - above normal rating	766S T1 (Nevis 766S 240/138 kV Transformer)	7L128 (Coyote Lake 963S to 7LA128 Tap)	Marginally increased violation	Real-time operational practices (RTOP)	RTOP
	Thermal – above emergency rating	Thermal - above emergency rating	7L16 (Nevis 766S to Heatburg 948S)	7L128 (Coyote Lake 963S to 7LA128 Tap)	Marginally increased violation	RAS 203	RAS 203
	Thermal - above normal rating	Thermal - above normal rating	7L137 (Three Hills 770S to Rowley 768S)	7L128 (Coyote Lake 963S to 7LA128 Tap)	Marginally increased violation	RTOP	RTOP
	Thermal - above normal rating	Thermal - above normal rating	7L25 (Rowley 768S to Michichi Creek 802S)	7L128 (Coyote Lake 963S to 7LA128 Tap)	Marginally increased violation	RTOP	RTOP
	Thermal – above emergency rating	Thermal - above emergency rating	9L29 (Oakland 946S to Coyote Lake 963S)	7L159 (Heatburg 948S to 7LA159 Tap)	Marginally increased violation	RAS 134	RAS 134
	Thermal - above normal rating	Thermal - above normal rating		7L16 (Nevis 766S to Heatburg 948S)	Marginally increased violation		
	Thermal – above emergency rating	Thermal - above emergency rating	963S T1 (Coyote Lake 963S Transformer T1)	7L159 (Heatburg 948S to 7LA159 Tap)	Marginally increased violation	RAS 134	RAS 134
	Thermal - above normal rating	Thermal - above normal rating		7L16 (Nevis 766S to Heatburg 948S)	Marginally increased violation		
	None	Thermal - above normal rating	9L62 (Tinchebray 972S to Gaetz 87S)	174L (Bardo 197S to North Holden 395S)	New violation	None	RTOP, CETO Phase II
	None	Thermal - above normal rating		912L (Nevis 766S to Red Deer 63S)	New violation		
	None	Thermal - above emergency rating		9L20 (Nevis 766S to Cordel 755S)	New violation		
	None	Thermal - above normal rating		7L132 (Oyen 767S to Lanfine 959S)	New violation		
	Thermal – above emergency rating	Thermal - above emergency rating	9L24 (Oakland 946s - Lanfine 959s)	7L760 (Oyen 767S to 7LA760 Tap)	Materially increased violation	Planned 9L24/760L RAS	Planned 9L24/760L RAS
	Thermal – above emergency rating	Thermal - above emergency rating		7L132 (Oyen 767S to Lanfine 959S)	Materially increased violation		
2028 Summer Light n	None	Thermal - above normal rating	681L (Hardisty 377S to Tucuman 478S)	472L (Hughenden 213S to 472AL Tap)	New violation	None	RTOP
	None	Thermal - above normal rating	7L42 (Hill 751S to Lloydminster 716S)	472L (Hughenden 213S to 472AL Tap)	New violation	None	RTOP
	None	Thermal - above normal rating		704L (Wainwright 51S to Tucuman 478S)	New violation		
	Thermal - above normal rating	Thermal - above emergency rating	9L27 (Paintearth Creek 863S to Cordel 755S)	472L (Hughenden 213S to 472AL Tap)	Materially increased violation	RTOP	Planned RAS 238
	None	Thermal - above normal rating		7L760 (Oyen 767S to 7LA760 Tap)	New violation		
	None	Thermal - above normal rating		7L132 (Oyen 767S to Lanfine 959S)	New violation		
	Thermal - above normal rating	Thermal - above emergency rating	1060L (Paintearth 863S to P2555 Switching sub)	472L (Hughenden 213S to 472AL Tap)	Materially increased violation	RTOP	Planned RAS 238
	None	Thermal - above normal rating		7L760 (Oyen 767S to 7LA760 Tap)	New violation		
	None	Thermal - above normal rating		7L132 (Oyen 767S to Lanfine 959S)	New violation		
	None	Thermal - above normal rating	9L20 (Nevis 766S to Cordel 755S)	7L760 (Oyen 767S to 7LA760 Tap)	New violation	None	RTOP
	None	Thermal - above normal rating		7L132 (Oyen 767S to Lanfine 959S)	New violation		
	None	Thermal - above normal rating	953L (Nilren 574S to Cordel 755S)	408L (Jarrow 252S to Wainwright 297S)	New violation	None	Modified RAS 211
	None	Thermal - above normal rating		702L (Hardisty 377S to Sedgewick 137S)	New violation		
	None	Thermal - above emergency rating		704L (Wainwright 51S to Tucuman 478S)	New violation		
	None	Thermal - above normal rating		7L760 (Oyen 767S to 7LA760 Tap)	New violation		
	None	Thermal - above normal rating		7L132 (Oyen 767S to Lanfine 959S)	New violation		
	None	Thermal - above normal rating	912L (Nevis 766S to Red Deer 63S)	7L760 (Oyen 767S to 7LA760 Tap)	New violation	None	RTOP
	None	Thermal - above normal rating		7L132 (Oyen 767S to Lanfine 959S)	New violation		
	None	Thermal - above normal rating	9L62 (Tinchebray 972S to Gaetz 87S)	174L (Bardo 197S to North Holden 395S)	New violation	None	RTOP, CETO Phase II
	None	Thermal - above normal rating		704L (Wainwright 51S to Tucuman 478S)	New violation		
	None	Thermal - above emergency rating		912L (Nevis 766S to Red Deer 63S)	New violation		
	None	Thermal - above emergency rating		9L20 (Nevis 766S to Cordel 755S)	New violation		
	None	Thermal - above normal rating		7L760 (Oyen 767S to 7LA760 Tap)	New violation		
	None	Thermal - above normal rating		7L132 (Oyen 767S to Lanfine 959S)	New violation		
	None	Thermal - above normal rating	EATL	472L (Hughenden 213S to 472AL Tap)	New violation	None	RTOP
	None	Thermal - above normal rating		704L (Wainwright 51S to Tucuman 478S)	New violation		
	None	Thermal - above normal rating	9L16 (Tincherbray 972S to Cordel 755S)	7L760 (Oyen 767S to 7LA760 Tap)	New violation	None	RTOP
	None	Thermal - above normal rating	749L (Metiskow 648S to Edgerton 899S)	704L (Wainwright 51S to Tucuman 478S)	New violation	RTOP	RTOP
	Thermal - above normal rating	Thermal - above normal rating		715L (715AL Tap to 715BL Tap)	Marginally decreased violation		
	None	Thermal - above normal rating	749L/7L749 (Edgerton 899S to Lloydminster 716S)	472L (Hughenden 213S to 472AL Tap)	New violation	None	RTOP
	None	Thermal - above normal rating		704L (Wainwright 51S to Tucuman 478S)	New violation		
	Thermal - above normal rating	Thermal - above normal rating	Edgerton 899S Transformer T1	472L (Hughenden 213S to 472AL Tap)	Materially increased violation	RTOP	RTOP
	None	Thermal - above normal rating		704L (Wainwright 51S to Tucuman 478S)	New violation		
	Thermal - above normal rating	Thermal - above normal rating		715L (715AL Tap to 715BL Tap)	No impact		
	Thermal - above normal rating	Thermal - above normal rating	1047L (Hansman Lake 650S to Nilrem 574S)	703L (Hardisty 377S to HRT Express Tap)	Materially increased violation	Planned RAS 238	Planned RAS 238
	Thermal - above emergency rating	Thermal - above emergency rating		472L (Metiskow 648S to 472AL)	Marginally increased violation		

Scenario	Type of Reliability Criteria Violation		Contingency (System Element Lost)	Details of Violation	Project Impact	Pre-Project Mitigation Measures	Post-Project Mitigation Measures
	Pre-Project	Post-Project					
	None	Thermal - above normal rating		703L (Hughenden 213S to HRT Express Tap)	New violation		
	Thermal - above emergency rating	Thermal - above emergency rating		472L (Hughenden 213S to 472AL Tap)	Materially increased violation		
	Thermal - above emergency rating	Thermal - above emergency rating	9L24 (Oakland 946s - Lanfine 959s)	472L (Hughenden 213S to 472AL Tap)	Materially increased violation	Planned 9L24/760L RAS	Planned 9L24/760L RAS
	None	Thermal - above normal rating		704L (Wainwright 51S to Tucuman 478S)	New violation		
	Thermal - above emergency rating	Thermal - above emergency rating		7L760 (Oyen 767S to 7LA760 Tap)	Materially increased violation		
	Thermal - above emergency rating	Thermal - above emergency rating		7L132 (Oyen 767S to Lanfine 959S)	Materially increased violation		
	Thermal - above emergency rating	Thermal - above emergency rating	966L (Hansman Lake 650S to Pemukan 932S)	7L224 (Hansman Lake 650S to Monitor 774S)	Materially decreased violation	RAS 201	RAS 201
	Thermal - above emergency rating	Thermal - above emergency rating		7L127 (Pemukan 932S to Monitor 774S)	Materially decreased violation		
	None	Thermal - above normal rating	7L42 (Hill 751S to Lloydminster 716S)	704L (Wainwright 51S to Tucuman 478S)	New violation	None	RTOP
	None	Thermal - above emergency rating	953L (Nilren 574S to Cordel 755S)	704L (Wainwright 51S to Tucuman 478S)	New violation	None	Modified RAS 2011
	None	Thermal - above emergency rating	912L (Nevis 766S to Red Deer 63S)	9L62 (Tinchebray 972S to Gaetz 87S)	New violation	None	RTOP, CETO Phase II
	None	Thermal - above normal rating	9L62 (Tinchebray 972S to Gaetz 87S)	704L (Wainwright 51S to Tucuman 478S)	New violation	None	RTOP, CETO Phase II
	None	Thermal - above emergency rating		912L (Nevis 766S to Red Deer 63S)	New violation		
	None	Thermal - above emergency rating		9L20 (Nevis 766S to Cordel 755S)	New violation		
2028 Winter Peak	None	Thermal - above emergency rating	EATL	704L (Wainwright 51S to Tucuman 478S)	New violation	RTOP	RTOP
	Thermal - above emergency rating	Thermal - above emergency rating		9L59 (Tinchebray 972S to 9LA59)	Marginally decreased violation		
	None	Thermal - above emergency rating	749L (Metiskow 648S to Edgerton 899S)	704L (Wainwright 51S to Tucuman 478S)	New violation	None	RTOP
	None	Thermal - above normal rating	749L/7L749 (Edgerton 899S to Lloydminster 716S)	704L (Wainwright 51S to Tucuman 478S)	New violation	None	RTOP
	None	Thermal - above emergency rating	Edgerton 899S Transformer T1	704L (Wainwright 51S to Tucuman 478S)	New violation	None	RTOP
	Thermal - above normal rating	Thermal - above normal rating	1047L (Hansman Lake 650S to Nilrem 574S)	703L (Hardisty 377S to HRT Express Tap)	Marginally increased violation	RTOP	RTOP
	Thermal - above normal rating	Thermal - above normal rating		472L (Metiskow 648S to 472AL)	Marginally increased violation		
	Thermal - above normal rating	Thermal - above normal rating		472L (Hughenden 213S to 472AL Tap)	Marginally increased violation		
	None	Thermal - above normal rating	9L24 (Oakland 946s - Lanfine 959s)	7L760 (Oyen 767S to 7LA760 Tap)	New violation	RTOP	Planned 9L24/760L RAS
	Thermal - above normal rating	Thermal - above emergency rating		7L132 (Oyen 767S to Lanfine 959S)	Materially decreased violation		

Notes:

- Marginally increased (or marginally decreased) refers to a percent loading difference (post-Project percent loading minus pre-Project percent loading) between 0% and 3% (or -3%).
- Materially increased (or materially decreased) refers to a percent loading difference (post-Project percent loading minus pre-Project percent loading) above or equal to 3% (or below or equal to -3%).
- Planned 9L24/760L RAS is being introduced as part of the planned P2356 project to mitigate overload on 7L760/760L (Oyen 767S substation to Blindloss 914S) and 7L132 (Oyen 767S substation to 959S Lanfine substation)The logic of existing RAS 211 is being modified to add this Project to mitigate overload on 704L (Wainwright 51S substation to Tucuman 478S)

Attachment B:
Engineering Connection Assessment Results

Engineering Connection Assessment: Study Results

P2566 Eastervale Solar Battery

Eastervale Solar Inc.

Date: November 14, 2024

Version: V1D1

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1 Introduction

This report presents the results of the engineering studies that were completed by AltaLink LP (the Studies Consultant) to assess the impact of the Project (as defined in Attachment A1: AESO Engineering Connection Assessment Scope) on the performance of the Alberta interconnected electric system (AIES). The studies were performed in accordance with Attachment A1: AESO Engineering Connection Assessment: Study Scope, which was prepared by the AESO.

The power system network analysis tool that was used for the studies in this connection assessment was PSS/E version 34.

2 Pre-Project Study Results

This section describes the results of the pre-Project power flow studies.

2.1 Power Flow Studies

Power flow diagrams illustrating the pre-Project power flow studies results for Category A and Category B conditions are provided in Attachment A2.

2.1.1 Scenario 1: 2028 Summer Peak High Generation Pre-Project

Category A Conditions

Thermal criteria (as defined in Section 3.1 of Attachment A1) violations were observed under Category A conditions.

Table 2-1: Thermal Criteria Violations under Category A Conditions for Scenario 1

Contingency (System Element Lost)	Violation Location Details	Thermal Ratings (MVA)		Pre-Project Results	
		Normal Rating	Emergency Rating	Power Flow[a] (MVA)	% Loading[b]
None	472L (Hughenden 213S to 472AL Tap)	84	92	85.3	101.6
	749AL (749AL Tap to 749AAL Tap)	120.9	133	127.2	105.2
	715L (715AL Tap to 715BL Tap)	98	108	117.3	119.7
	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	155.2	140.8
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138	155.7	138.9

Notes:

[a] Power flow (MVA) is current expressed as MVA (i.e., $S = \sqrt{3} \times V_{base} \times I_{actual}$)

[b] Reported as a percentage of the power flow (in MVA, i.e., $S = \sqrt{3} \times V_{base} \times I_{actual}$) relative to the transmission line's Normal Rating (also in MVA).

Thermal criteria violations were observed under Category A conditions. Hence, Category A curtailments were conducted prior to commencing Category B studies. The most effective generators were scaled down to mitigate Category A overloads. The generation adjustments for this scenario were performed based on the post-project Category A violations.

Updated generation dispatch values for Scenario 1 are shown in the table below.

Table 2-2: Generation Curtailment for Scenario 1

Generator Name	Bus Number	CSS (MW)	Dispatch (MW)
LAN1	60996	137.6	0.0
ATCO Oyen DER	19474	12.4	0.0
RESC Oyen	560032	250.0	30.0
Fox Meadow	560039	106.2	0.0
BR4	1496	31.0	0.0

Generator Name	Bus Number	CSS (MW)	Dispatch (MW)
GRZ1	67308	45.0	0.0
Prairie Yarrow	560273	53.1	0.0
Fortis Metiskow DER	557074	11.1	0.0
Cache Rising Solar	562046	97.5	0.0
Dolcy Solar	567158, 567157, 567156	96.9	0.0
Aura Provost DER	4086	10.9	0.0
Killarney Lake DER	4219	10.9	0.0

Thermal criteria violations under Category A Conditions prior to and after generation curtailment for Scenario 1 are shown in the table below:

Table 2-3: Thermal Loading under Category A Conditions for Scenario 1 Post-Curtailment

Contingency (System Element Lost)	Details of Violation (Violation Observed On)	Seasonal Continuous Rating (MVA)	Short-term (Emergency) Rating (MVA)	Pre-Project Results (Pre-contingency Curtailment)		Pre-Project Results (Post-Curtailment)	
				Power Flow (MVA)	% Loading	Power Flow (MVA)	% Loading
None	472L (Hughenden 213S to 472AL Tap)	84	92	85.3	101.6	25.1	29.8
	749AL (749AL Tap to 749AAL Tap)	120.9	133	127.2	105.2	2.4	2.0
	715L (715AL Tap to 715BL Tap)	98	108	117.3	119.7	24.3	24.8
	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	155.2	140.8	88.2	80.0
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138	155.7	138.9	92.3	82.3

Category B Conditions

Thermal Criteria Violations

Thermal criteria violations were observed under certain Category B conditions as shown in Table 2-4.

Table 2-4: Thermal Criteria Violations under Category B Conditions for Scenario 1

Contingency (System Element Lost)	Violation Location Details	Thermal Rating (MVA)		Pre-Project Results	
		Normal Rating	Emergency Rating	Power Flow[a] (MVA)	% Loading[b]
966L (Hansman Lake 650S to Pemukan 932S)	7L224 (Hansman Lake 650S to Monitor 774S)	108.3	125	118.4	109.3

Contingency (System Element Lost)	Violation Location Details	Thermal Rating (MVA)		Pre-Project Results	
		Normal Rating	Emergency Rating	Power Flow[a] (MVA)	% Loading[b]
766S T1 (Nevis 766S 240/138 kV Transformer)	7L128 (Coyote Lake 963S to 7LA128 Tap)	162.9	180.2	169.7	104.2
7L16 (Nevis 766S to Heatburg 948S)	7L128 (Coyote Lake 963S to 7LA128 Tap)	162.9	180.2	193.9	119.0
7L137 (Three Hills 770S to Rowley 768S)	7L128 (Coyote Lake 963S to 7LA128 Tap)	162.9	180.2	166.0	101.9
7L25 (Rowley 768S to Michichi Creek 802S)	7L128 (Coyote Lake 963S to 7LA128 Tap)	162.9	180.2	167.5	102.8
9L29 (Oakland 946S to Coyote Lake 963S)	7L159 (Heatburg 948S to 7LA159 Tap)	107.3	123.6	124.5	116.0
	7L16 (Nevis 766S to Heatburg 948S)	107.3	123.6	121.9	113.6
963S T1 (Coyote Lake 963S Transformer T1)	7L159 (Heatburg 948S to 7LA159 Tap)	107.3	123.6	124.5	116.0
	7L16 (Nevis 766S to Heatburg 948S)	107.3	123.6	121.9	113.6
9L24 (Oakland 946s - Lanfine 959s)	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	156.8	142.3
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138	166.7	148.7

Notes:

[a] Power flow (MVA) is current expressed as MVA (i.e., $S = \sqrt{3} \times V_{base} \times I_{actual}$)

[b] Reported as a percentage of the power flow (in MVA, i.e., $S = \sqrt{3} \times V_{base} \times I_{actual}$) relative to the transmission line's Normal Rating (also in MVA).

Voltage Criteria Violations

No voltage criteria violations were observed under Category B conditions.

POD Bus Voltage Deviations

No voltage deviations beyond the limits listed in Table 3-1 of Attachment A1 (hereafter referred to as point of delivery (POD) bus voltage deviations) were observed.

2.1.2 Scenario 2: 2028 Summer Light High Generation Pre-Project

Category A Conditions

Thermal criteria (as defined in Section 3.1 of Attachment A1) violations were observed under Category A conditions.

Table 2-5: Thermal Criteria Violations under Category A Conditions for Scenario 2

Contingency (System Element Lost)	Violation Location Details	Thermal Ratings (MVA)		Pre-Project Results	
		Normal Rating	Emergency Rating	Power Flow[a] (MVA)	% Loading[b]
None	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	113.1	102.6
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138.0	114.7	102.3

Notes:

[a] Power flow (MVA) is current expressed as MVA (i.e., $S = \sqrt{3} \times V_{base} \times I_{actual}$)

[b] Reported as a percentage of the power flow (in MVA, i.e., $S = \sqrt{3} \times V_{base} \times I_{actual}$) relative to the transmission line's Normal Rating (also in MVA).

Thermal criteria violations were observed under Category A conditions. Hence, Category A curtailments were conducted prior to commencing Category B studies. The most effective generators were scaled down to mitigate Category A overloads. The generation adjustments for this scenario were performed based on the post-project Category A violations.

Updated generation dispatch values for Scenario 2 are shown in the table below.

Table 2-6: Generation Curtailment for Scenario 2

Generator Name	Bus Number	CSS (MW)	Dispatch (MW)
LAN1	60996	103.0	13.0

Thermal criteria violations under Category A Conditions prior to and after generation curtailment for Scenario 2 are shown in the table below:

Table 2-7: Thermal Loading under Category A Conditions for Scenario 2 Post-Curtailment

Contingency (System Element Lost)	Details of Violation (Violation Observed On)	Seasonal Continuous Rating (MVA)	Short-term (Emergency) Rating (MVA)	Pre-Project Results (Pre-contingency Curtailment)		Pre-Project Results (Post-Curtailment)	
				Power Flow (MVA)	% Loading	Power Flow (MVA)	% Loading
None	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	113.1	102.6	95.9	87.0
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138.0	114.7	102.3	95.9	85.5

Category B Conditions

Thermal Criteria Violations

Thermal criteria violations were observed under certain Category B conditions as shown in Table 2-8.

Table 2-8: Thermal Criteria Violations under Category B Conditions for Scenario 2

Contingency (System Element Lost)	Violation Location Details	Thermal Ratings (MVA)		Pre-Project Results	
		Normal Rating	Emergency Rating	Power Flow[a] (MVA)	% Loading[b]
9L27 (Paintearth Creek 863S to Cordel 755S)	472L (Hughenden 213S to 472AL Tap)	84	92	87.7	104.4
1060L (Paintearth 863S to P2555 Switching sub)	472L (Hughenden 213S to 472AL Tap)	84	92	88.3	105.1
962L/9L62 (Tinchebray 972S to Gaetz 87S)	9L20 (Nevis 766S to Cordel 755S)	429	501	471.9	110.0
749L (Metiskow 648S to Edgerton 899S)	715L (715AL Tap to 715BL)	98	108	103.1	105.2
Edgerton 899S Transformer T1	472L (Hughenden 213S to 472AL Tap)	84	92	84.3	100.3
	715L (715AL Tap to 715BL)	98	108	98.3	100.3
1047L (Hansman Lake 650S to Nilrem 574S)	703L (Hardisty 377S to 703BL Tap)	96	133	116.9	121.8
	472L (Metiskow 648S to 472AL)	121	133	139.9	115.6
	472L (Hughenden 213S to 472AL Tap)	84	92	130.2	155.0
9L24 (Oakland 946s - Lanfine 959s)	472L (Hughenden 213S to 472AL Tap)	84	92	100.0	119.0
	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	200.8	182.2
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138	209.2	186.6

Notes:

[a] Power flow (MVA) is current expressed as MVA (i.e., $S = \sqrt{3} \times V_{base} \times I_{actual}$)

[b] Reported as a percentage of the power flow (in MVA, i.e., $S = \sqrt{3} \times V_{base} \times I_{actual}$) relative to the transmission line's Normal Rating (also in MVA).

Voltage Criteria Violations

No voltage criteria violations were observed under Category B conditions.

POD Bus Voltage Deviations

No voltage deviations beyond the limits listed in Table 3-1 of Attachment A1 (hereafter referred to as point of delivery (POD) bus voltage deviations) were observed.

2.1.3 Scenario 3: 2028 Winter Peak High Generation Pre-Project

Category A Conditions

Thermal criteria (as defined in Section 3.1 of Attachment A1) violations were observed under Category A conditions.

Table 2-9: Thermal Criteria Violations under Category A Conditions for Scenario 3

Contingency (System Element Lost)	Violation Location Details	Thermal Ratings (MVA)		Pre-Project Results	
		Normal Rating	Emergency Rating	Power Flow[a] (MVA)	% Loading[b]
None	749AL (749AL Tap to 749AAL Tap)	148.0	163.0	155.8	105.3

Notes:

[a] Power flow (MVA) is current expressed as MVA (i.e., $S = \sqrt{3} \times V_{base} \times I_{actual}$)

[b] Reported as a percentage of the power flow (in MVA, i.e., $S = \sqrt{3} \times V_{base} \times I_{actual}$) relative to the transmission line's Normal Rating (also in MVA).

Thermal criteria violations were observed under Category A conditions. Hence, Category A curtailments were conducted prior to commencing Category B studies. The most effective generators were scaled down to mitigate Category A overloads. The generation adjustments for this scenario were performed based on the post-project Category A violations. Updated generation dispatch values for Scenario 3 are shown in the table below.

Table 2-10: Generation Curtailment for Scenario 3

Generator Name	Bus Number	CSS (MW)	Dispatch (MW)
Fox Meadow	560039	128.5	0.0
BR4	1496	31.0	0.0
BR5	1497	94.8	0.0
BUL1	550003	10.2	0.0
BUL2	550004	13.7	0.0
GRZ1	67308	45.0	0.0
HAL1	66435, 67435	143.2	0.0
CP Rolling	560235	162.7	0.0
Prairie Yarrow	560273	64.2	44.2

Thermal criteria violations under Category A Conditions prior to and after generation curtailment for Scenario 3 are shown in the table below:

Table 2-11: Thermal Loading under Category A Conditions for Scenario 3 Post-Curtailment

Contingency (System Element Lost)	Details of Violation (Violation Observed On)	Seasonal Continuous Rating (MVA)	Short-term (Emergency) Rating (MVA)	Pre-Project Results (Pre-contingency Curtailment)		Pre-Project Results (Post-Curtailment)	
				Power Flow (MVA)	% Loading	Power Flow (MVA)	% Loading
None	749AL (749AL Tap to 749AAL Tap)	148.0	163.0	155.8	105.3	25.0	16.9

Category B Conditions

Thermal Criteria Violations

Thermal criteria violations were observed under certain Category B conditions as shown in Table 2-12.

Table 2-12: Thermal Criteria Violations under Category B Conditions for Scenario 3

Contingency (System Element Lost)	Violation Location Details	Thermal Ratings (MVA)		Pre-Project Results	
		Normal Rating	Emergency Rating	Power Flow[a] (MVA)	% Loading[b]
966L (Hansman Lake 650S to Pemukan 932S)	7L224 (Hansman Lake 650S to Monitor 774S)	143.8	171.0	224.3	156.0
	7L127 (Pemukan 932S to Monitor 774S)	182.1	126.5	255.9	140.5
962L/9L62 (Tinchebray 972S to Gaetz 87S)	9L16 (Cordel 755S to Goldeye Tap)	499.0	499.0	514.5	103.1
EATL	9L59 (Tinchebray 972S to 9LA59)	499.0	499.0	569.4	114.1
1047L (Hansman Lake 650S to Nilrem 574S)	703L (Hardisty 377S to HRT Express Tap)	96.0	143.0	116.9	121.8
	472L (Metiskow 648S to 472AL)	150.0	165.0	163.7	109.1
	472L (Hughenden 213S to 472AL Tap)	125.0	138.0	126.9	101.5
9L24 (Oakland 946s - Lanfine 959s)	9L966 (Pemukan 932S to Hansman Lake 650S)	442.0	442.0	467.2	105.7
	7L132 (Oyen 767S to Lanfine 959S)	140.9	171.5	153.6	109.0

Notes:

[a] Power flow (MVA) is current expressed as MVA (i.e., S = $\sqrt{3}$ x V_{base} x I_{actual})

[b] Reported as a percentage of the power flow (in MVA, i.e., S = $\sqrt{3}$ x V_{base} x I_{actual}) relative to the transmission line's Normal Rating (also in MVA).

Voltage Criteria Violations

No voltage criteria violations were observed under Category B conditions.

POD Bus Voltage Deviations

No voltage deviations beyond the limits listed in Table 3-1 of Attachment A1 (hereafter referred to as point of delivery (POD) bus voltage deviations) were observed.

2.1.4 Scenario 8: 2028 Summer Peak High Generation Pre-Project - without CETO (ph1)

Category A Conditions

Thermal criteria (as defined in Section 3.1 of Attachment A1) violations were observed under Category A conditions.

Table 2-13: Thermal Criteria Violations under Category A Conditions for Scenario 8

Contingency (System Element Lost)	Violation Location Details	Thermal Ratings (MVA)		Pre-Project Results	
		Normal Rating	Emergency Rating	Power Flow[a] (MVA)	% Loading[b]
None	174L (Bardo 197S to North Holden 395S)	121.0	133.0	146.3	120.9
	749AL (749AL Tap to 749AAL Tap)	120.9	133.0	128.9	106.6
	715L (715AL Tap to 715BL Tap)	98.0	108.0	115.2	117.6
	912L (Nevis 766S to Red Deer 63S)	507.0	608.0	707.3	139.5
	9L20 (Nevis 766S to Cordel 755S)	429.0	501.0	623.3	145.3
	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	169.9	154.2
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138.0	169.7	151.4

Notes:

[a] Power flow (MVA) is current expressed as MVA (i.e., S = $\sqrt{3}$ x V_{base} x I_{actual})

[b] Reported as a percentage of the power flow (in MVA, i.e., S = $\sqrt{3}$ x V_{base} x I_{actual}) relative to the transmission line's Normal Rating (also in MVA).

Thermal criteria violations were observed under Category A conditions. Hence, Category A curtailments were conducted prior to commencing Category B studies. The most effective generators were scaled down to mitigate Category A overloads. The generation adjustments for this scenario were performed based on the post-project Category A violations.

Updated generation dispatch values for Scenario 8 are shown in the table below.

Table 2-14: Generation Curtailment for Scenario 8

Generator Name	Bus Number	CSS (MW)	Dispatch (MW)
LAN1	60996	137.6	0.0
ATCO Oyen DER	19474	12.4	0.0
RESC Oyen	560032	250.0	100.0
UK Solar East	561042, 562042	312.7	212.7
NEP1	2621, 2622, 2623, 2624, 2625	76.1	0.0
Fox Meadow	560039	106.2	0.0
BR4	1496	31.0	0.0
BR5	1497	94.8	0.0
GRZ1	67308	45.0	0.0
HAL1	66435, 67435	140.7	0.0
CP Rolling	560235	134.6	0.0
Cache Rising Solar	562046	97.5	0.0
Dolcy Solar	567158, 567157, 567156	96.9	0.0
Aura Provost DER	4086	10.9	0.0
Killarney Lake DER	4219	10.9	0.0
Paintearth	61418, 62418	190.0	0.0

Thermal criteria violations under Category A Conditions prior to and after generation curtailment for Scenario 8 are shown in the table below:

Table 2-15: Thermal Loading under Category A Conditions for Scenario 8 Post-Curtailment

Contingency (System Element Lost)	Details of Violation (Violation Observed On)	Seasonal Continuous Rating (MVA)	Short-term (Emergency) Rating (MVA)	Pre-Project Results (Pre-contingency Curtailment)		Pre-Project Results (Post-Curtailment)	
				Power Flow (MVA)	% Loading	Power Flow (MVA)	% Loading
None	174L (Bardo 197S to North Holden 395S)	121.0	133.0	146.3	120.9	61.4	50.7
	749AL (749AL Tap to 749AAL Tap)	120.9	133.0	128.9	106.6	22.5	18.6
	715L (715AL Tap to 715BL Tap)	98.0	108.0	115.2	117.6	6.1	6.3
	912L (Nevis 766S to Red Deer 63S)	507.0	608.0	707.3	139.5	210.7	41.6
	9L20 (Nevis 766S to Cordel 755S)	429.0	501.0	623.3	145.3	193.3	45.1

Contingency (System Element Lost)	Details of Violation (Violation Observed On)	Seasonal Continuous Rating (MVA)	Short-term (Emergency) Rating (MVA)	Pre-Project Results (Pre-contingency Curtailment)		Pre-Project Results (Post-Curtailment)	
				Power Flow (MVA)	% Loading	Power Flow (MVA)	% Loading
	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	169.9	154.2	81.3	73.7
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138.0	169.7	151.4	85.8	76.6

Category B Conditions

Thermal Criteria Violations

Thermal criteria violations were observed under certain Category B conditions as shown in Table 2-16.

Table 2-16: Thermal Criteria Violations under Category B Conditions for Scenario 8

Contingency (System Element Lost)	Violation Location Details	Thermal Ratings (MVA)		Pre-Project Results	
		Normal Rating	Emergency Rating	Power Flow[a] (MVA)	% Loading[b]
966L (Hansman Lake 650S to Pemukan 932S)	7L224 (Hansman Lake 650S to Monitor 774S)	108.3	125.0	118.2	109.1
7L137 (Three Hills 770S to Rowley 768S)	7L128 (Coyote Lake 963S to 7LA128 Tap)	162.9	180.2	165.2	101.4
7L25 (Rowley 768S to Michichi Creek 802S)	7L128 (Coyote Lake 963S to 7LA128 Tap)	162.9	180.2	166.6	102.3
9L24 (Oakland 946s - Lanfine 959s)	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	143.3	130.0
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138.0	153.0	136.5

Notes:

[a] Power flow (MVA) is current expressed as MVA (i.e., $S = \sqrt{3} \times V_{base} \times I_{actual}$)

[b] Reported as a percentage of the power flow (in MVA, i.e., $S = \sqrt{3} \times V_{base} \times I_{actual}$) relative to the transmission line's Normal Rating (also in MVA).

Voltage Criteria Violations

No voltage criteria violations were observed under Category B conditions.

POD Bus Voltage Deviations

No voltage deviations beyond the limits listed in Table 3-1 of Attachment A1 (hereafter referred to as point of delivery (POD) bus voltage deviations) were observed.

2.1.5 Scenario 10: 2028 Summer Peak Low Generation Pre-Project

Category A Conditions

Thermal criteria (as defined in Section 3.1 of Attachment A1) violations were observed under Category A conditions.

Table 2-17: Thermal Criteria Violations under Category A Conditions for Scenario 10

Contingency (System Element Lost)	Violation Location Details	Thermal Ratings (MVA)		Pre-Project Results	
		Normal Rating	Emergency Rating	Power Flow[a] (MVA)	% Loading[b]
None	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	86.2	102.6
	715AL (Hansman Lake 650S to 715AL Tap)	123.0	135.0	128.9	104.8
	749AL (749AL Tap to 749AAL Tap)	120.9	133.0	127.2	105.2
	715L (715AL Tap to 715BL Tap)	98.0	108.0	129.2	131.8

Notes:

[a] Power flow (MVA) is current expressed as MVA (i.e., $S = \sqrt{3} \times V_{base} \times I_{actual}$)

[b] Reported as a percentage of the power flow (in MVA, i.e., $S = \sqrt{3} \times V_{base} \times I_{actual}$) relative to the transmission line's Normal Rating (also in MVA).

Thermal criteria violations were observed under Category A conditions. Hence, Category A curtailments were conducted prior to commencing Category B studies. The most effective generators were scaled down to mitigate Category A overloads. The generation adjustments for this scenario were performed based on the post-project Category A violations.

Updated generation dispatch values for Scenario 10 are shown in the table below.

Table 2-18: Generation Curtailment for Scenario 10

Generator Name	Bus Number	CSS (MW)	Dispatch (MW)
Cache Rising Solar	562046	100.1	0.0

Thermal criteria violations under Category A Conditions prior to and after generation curtailment for Scenario 10 are shown in the table below:

Table 2-19: Thermal Loading under Category A Conditions for Scenario 10 Post-Curtailment

Contingency (System Element Lost)	Details of Violation (Violation Observed On)	Seasonal Continuous Rating (MVA)	Short-term (Emergency) Rating (MVA)	Pre-Project Results (Pre-contingency Curtailment)		Pre-Project Results (Post-Curtailment)	
				Power Flow (MVA)	% Loading	Power Flow (MVA)	% Loading
None	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	86.2	102.6	73.3	87.2

Contingency (System Element Lost)	Details of Violation (Violation Observed On)	Seasonal Continuous Rating (MVA)	Short-term (Emergency) Rating (MVA)	Pre-Project Results (Pre-contingency Curtailment)		Pre-Project Results (Post-Curtailment)	
				Power Flow (MVA)	% Loading	Power Flow (MVA)	% Loading
	715AL (Hansman Lake 650S to 715AL Tap)	123.0	135.0	128.9	104.8	33.5	27.2
	749AL (749AL Tap to 749AAL Tap)	120.9	133.0	127.2	105.2	118.5	97.9
	715L (715AL Tap to 715BL Tap)	98.0	108.0	129.2	131.8	33.7	34.3

Category B Conditions

Thermal Criteria Violations

Thermal criteria violations were observed under certain Category B conditions as shown in Table 2-20.

Table 2-20: Thermal Criteria Violations under Category B Conditions for Scenario 10

Contingency (System Element Lost)	Violation Location Details	Thermal Ratings (MVA)		Pre-Project Results	
		Normal Rating	Emergency Rating	Power Flow[a] (MVA)	% Loading[b]
885L (Metiskow 648S to Hansman Lake 650S)	749AL (749AL Tap to 749AAL Tap)	120.9	133.0	133.2	110.2
966L (Hansman Lake 650S to Pemukan 932S)	7L224 (Hansman Lake 650S to Monitor 774S)	108.3	125.0	129.6	119.7
	7L127 (Pemukan 932S to Monitor 774S)	144.7	126.5	153.8	106.3
7L42 (Hill 751S to Lloydminster 716S)	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	84.3	100.3
9L27 (Paintearth Creek 863S to Cordel 755S)	472L (Metiskow 648S to 472AL Tap)	121.0	133.0	125.5	103.7
	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	96.0	114.3
1060L (Paintearth 863S to P2555 Switching sub)	472L (Metiskow 648S to 472AL Tap)	121.0	133.0	125.8	104.0
	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	96.4	114.8
962L/9L62 (Tinchebray 972S to Gaetz 87S)	912L (Nevis 766S to Red Deer 63S)	507.0	608.0	515.1	101.6
	9L20 (Nevis 766S to Cordel 755S)	429.0	501.0	460.3	107.3
EATL	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	86.6	103.1
	749AL (749AL Tap to 749AAL Tap)	120.9	133.0	121.4	100.4

Contingency (System Element Lost)	Violation Location Details	Thermal Ratings (MVA)		Pre-Project Results	
		Normal Rating	Emergency Rating	Power Flow[a] (MVA)	% Loading[b]
749L/7L749 (Edgerton 899S to Lloydminster 716S)	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	90.1	107.3
Edgerton 899S Transformer T1	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	91.5	108.9
715L (Hansman Lake 650S to Provost 545S)	749AL (749AL Tap to 749AAL Tap)	120.9	133.0	151.0	124.9
1047L (Hansman Lake 650S to Nilrem 574S)	703L (Hardisty 377S to HRT Express Tap)	96.0	133.0	133.7	139.3
	472L (Metiskow 648S to 472AL Tap)	121.0	133.0	172.4	142.5
	703L (Hughenden 213S to HRT Express Tap)	121.0	133.0	137.0	113.2
	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	141.8	168.8
9L24 (Oakland 946s - Lanfine 959s)	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	91.2	108.6

Notes:

[a] Power flow (MVA) is current expressed as MVA (i.e., $S = \sqrt{3} \times V_{base} \times I_{actual}$)

[b] Reported as a percentage of the power flow (in MVA, i.e., $S = \sqrt{3} \times V_{base} \times I_{actual}$) relative to the transmission line's Normal Rating (also in MVA).

Voltage Criteria Violations

No voltage criteria violations were observed under Category B conditions.

POD Bus Voltage Deviations

No voltage deviations beyond the limits listed in Table 3-1 of Attachment A1 (hereafter referred to as point of delivery (POD) bus voltage deviations) were observed.

2.1.6 Scenario 11: 2028 Winter Peak Low Generation Pre-Project

Category A Conditions

No Reliability Criteria (as defined in Section 3.1 of Attachment A1) violations were observed under Category A conditions.

Category B Conditions

No Reliability Criteria violations were observed under Category B conditions.

3 Post-Project Study Results

This section describes the results of the post-Project power flow studies, voltage stability studies, and transient stability studies.

As described in Section 2 of Attachment A1, the post-Project studies were performed using Alternative 1.

3.1 Power Flow Studies

Power flow diagrams illustrating the post-Project power flow studies results for Category A and Category B conditions are included in Attachment A3.

3.1.1 Scenario 4: 2028 Summer Peak High Generation Post-Project

Category A Conditions

Thermal criteria (as defined in Section 3.1 of Attachment A1) violations were observed under Category A conditions.

Table 3-1: Thermal Criteria Violations under Category A Conditions for Scenario 4

Contingency (System Element Lost)	Violation Location Details	Thermal Ratings (MVA)		Post-Project Results		Post-Project Results		% Loading Difference
		Normal Rating	Emergency Rating	Power Flow (MVA)	% Loading	Power Flow (MVA)	% Loading	
None	472L (Metiskow 648S to 472AL Tap)	121.0	133.0	118.8	98.2	122.8	101.5	3.3
	472L (Hughenden 213S to 472AL Tap)	84	92	85.3	101.6	88.6	105.5	3.9
	749AL (749AL Tap to 749AAL Tap)	120.9	133	127.2	105.2	129.4	107.0	1.8
	715L (715AL Tap to 715BL Tap)	98	108	117.3	119.7	114.9	117.2	-2.5
	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	155.2	140.8	166.0	150.6	9.8
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138	155.7	138.9	166.8	148.8	9.9

Thermal criteria violations were observed under Category A conditions. Hence, Category A curtailments were conducted prior to commencing Category B studies. The most effective generators were scaled down to mitigate Category A overloads.

Updated generation dispatch values for Scenario 4 are shown in the table below.

Table 3-2: Generation Curtailment for Scenario 4

Generator Name	Bus Number	CSS (MW)	Dispatch (MW)
LAN1	60996	137.6	0.0

Generator Name	Bus Number	CSS (MW)	Dispatch (MW)
ATCO Oyen DER	19474	12.4	0.0
RESC Oyen	560032	250.0	30.0
Fox Meadow	560039	106.2	0.0
BR4	1496	31.0	0.0
GRZ1	67308	45.0	0.0
Prairie Yarrow	560273	53.1	0.0
Fortis Metiskow DER	557074	11.1	0.0
Cache Rising Solar	562046	97.5	0.0
Dolcy Solar	567158, 567157, 567156	96.9	0.0
Aura Provost DER	4086	10.9	0.0
Killarney Lake DER	4219	10.9	0.0

Thermal criteria violations under Category A Conditions prior to and after generation curtailment for Scenario 4 are shown in the table below:

Table 3-3: Thermal Loading under Category A Conditions for Scenario 4 Post-curtailment

Contingency (System Element Lost)	Details of Violation (Violation Observed On)	Seasonal Continuous Rating (MVA)	Short-term (Emergency) Rating (MVA)	Post-Project Results (Pre-contingency Curtailment)		Post-Project Results (Post-Curtailment)	
				Power Flow (MVA)	% Loading	Power Flow (MVA)	% Loading
None	472L (Metiskow 648S to 472AL Tap)	121.0	133.0	122.8	101.5	64.8	53.5
	472L (Hughenden 213S to 472AL Tap)	84	92	88.6	105.5	27.3	32.5
	749AL (749AL Tap to 749AAL Tap)	120.9	133	129.4	107.0	1.3	1.1
	715L (715AL Tap to 715BL Tap)	98	108	114.9	117.2	26.9	27.4
	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	166.0	150.6	98.4	89.3
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138	166.8	148.8	102.9	91.8

Category B Conditions

Thermal Criteria Violations

Thermal criteria violations were observed under certain Category B conditions as shown in Table 3-4.

Table 3-4: Thermal Criteria Violations under Category B Conditions for Scenario 4

Contingency (System Element Lost)	Details of Violation (Violation Observed On)	Normal Rating (MVA)	Emergency Rating (MVA)	Pre-Project Results		Post-Project Results		% Loading Difference (Post-Pre)
				Observed Power Flow (MVA)	% Loading	Observed Power Flow (MVA)	% Loading	
766S T1 (Nevis 766S 240/138 kV Transformer)	7L128 (Coyote Lake 963S to 7LA128 Tap)	162.9	180.2	169.7	104.2	170.2	104.5	0.3
7L16 (Nevis 766S to Heatburg 948S)	7L128 (Coyote Lake 963S to 7LA128 Tap)	162.9	180.2	193.9	119.0	194.0	119.1	0.1
7L137 (Three Hills 770S to Rowley 768S)	7L128 (Coyote Lake 963S to 7LA128 Tap)	162.9	180.2	166.0	101.9	166.2	102.0	0.1
7L25 (Rowley 768S to Michichi Creek 802S)	7L128 (Coyote Lake 963S to 7LA128 Tap)	162.9	180.2	167.5	102.8	167.8	103.0	0.2
9L29 (Oakland 946S to Coyote Lake 963S)	7L159 (Heatburg 948S to 7LA159 Tap)	107.3	123.6	124.5	116.0	125.9	117.3	1.3
	7L16 (Nevis 766S to Heatburg 948S)	107.3	123.6	121.9	113.6	123.3	114.9	1.3
963S T1 (Coyote Lake 963S Transformer T1)	7L159 (Heatburg 948S to 7LA159 Tap)	107.3	123.6	124.5	116.0	125.9	117.3	1.3
	7L16 (Nevis 766S to Heatburg 948S)	107.3	123.6	121.9	113.6	123.3	114.9	1.3
962L/9L62 (Tinchebray 972S to Gaetz 87S)	174L (Bardo 197S to North Holden 395S)	121.0	133.0	98.3	81.3	121.8	100.7	19.5
	912L (Nevis 766S to Red Deer 63S)	507.0	608.0	462.2	91.2	583.1	115.0	23.8
	9L20 (Nevis 766S to Cordel 755S)	429.0	501.0	398.2	92.8	511.8	119.3	26.5
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138.0	101.1	90.1	113.9	101.6	11.5
9L24 (Oakland 946s - Lanfine 959s)	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	156.8	142.3	181.2	164.4	22.1
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138.0	166.7	148.7	192.7	171.9	23.2

Voltage Criteria Violations

No voltage criteria violations were observed under Category B conditions.

POD Bus Voltage Deviations

No POD bus voltage deviations were observed.

3.1.2 Scenario 5: 2028 Summer Light High Generation Post-Project

Category A Conditions

Thermal criteria (as defined in Section 3.1 of Attachment A1) violations were observed under Category A conditions.

Table 3-5: Thermal Criteria Violations under Category A Conditions for Scenario 5

Contingency (System Element Lost)	Violation Location Details	Thermal Ratings (MVA)		Pre-Project Results		Post-Project Results		% Loading Difference (Post-Pre)
		Normal Rating	Emergency Rating	Power Flow (MVA)	% Loading	Power Flow (MVA)	% Loading	
None	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	113.1	102.6	123.5	112.1	9.5
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138.0	114.7	102.3	125.3	111.8	9.5

Thermal criteria violations were observed under Category A conditions. Hence, Category A curtailments were conducted prior to commencing Category B studies. The most effective generators were scaled down to mitigate Category A overloads.

Updated generation dispatch values for Scenario 5 are shown in the table below.

Table 3-6: Generation Curtailment for Scenario 5

Generator Name	Bus Number	CSS (MW)	Dispatch (MW)
LAN1	60996	103.0	13.0

Thermal criteria violations under Category A Conditions prior to and after generation curtailment for Scenario 5 are shown in the table below:

Table 3-7: Thermal Loading under Category A Conditions for Scenario 5 Post-Curtailment

Contingency (System Element Lost)	Details of Violation (Violation Observed On)	Seasonal Continuous Rating (MVA)	Short-term (Emergency) Rating (MVA)	Post-Project Results (Pre-contingency Curtailment)		Post-Project Results (Post-Curtailment)	
				Power Flow (MVA)	% Loading	Power Flow (MVA)	% Loading
None	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	123.5	112.1	106.4	96.6
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138.0	125.3	111.8	106.7	95.2

Category B Conditions

Thermal Criteria Violations

Thermal criteria violations were observed under certain Category B conditions as shown in Table 3-8.

Table 3-8: Thermal Criteria Violations under Category B Conditions for Scenario 5

Contingency (System Element Lost)	Details of Violation (Violation Observed On)	Normal Rating (MVA)	Emergency Rating (MVA)	Pre-Project Results		Post-Project Results		% Loading Difference (Post-Pre)
				Observed Power Flow (MVA)	% Loading	Observed Power Flow (MVA)	% Loading	
681L (Hardisty 377S to Tucuman 478S)	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	77.9	92.8	91.1	108.5	15.7
7L42 (Hill 751S to Lloydminster 716S)	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	78.8	93.8	84.2	100.2	6.4
	704L (Wainwright 51S to Tucuman 478S)	75.0	83.0	52.1	69.5	75.1	100.1	30.6
9L27 (Paintearth Creek 863S to Cordel 755S)	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	87.7	104.4	97.0	115.5	11.1
	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	101.9	92.5	114.8	104.2	11.7
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138.0	102.5	91.4	115.9	103.4	12.0
1060L (Paintearth 863S to P2555 Switching sub)	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	88.3	105.1	97.4	116.0	10.9
	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	102.1	92.7	114.9	104.3	11.7
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138.0	102.7	91.6	116.0	103.5	11.9
9L20 (Nevis 766S to Cordel 755S)	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	100.8	91.5	112.5	102.1	10.6
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138.0	101.2	90.2	113.2	101.0	10.8
953L (Nilren 574S to Cordel 755S)	408L (Jarrow 252S to Wainwright 297S)	75.0	83.0	42.8	57.1	75.8	101.1	44.0
	702L (Hardisty 377S to Sedgewick 137S)	87.0	96.0	50.3	57.8	89.8	103.2	45.4
	704L (Wainwright 51S to Tucuman 478S)	75.0	83.0	58.7	78.2	92.1	122.8	44.6
	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	100.2	91.0	114.3	103.7	12.8
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138.0	100.5	89.7	115.1	102.7	13.0
912L (Nevis 766S to Red Deer 63S)								
	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	101.8	92.4	113.7	103.2	10.8
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138.0	100.6	89.7	112.4	100.3	10.6
962L/9L62 (Tinchebray 972S to Gaetz 87S)	174L (Bardo 197S to North Holden 395S)	121.0	133.0	102.4	84.6	125.0	103.3	18.7
	704L (Wainwright 51S to Tucuman 478S)	75.0	83.0	54.1	72.2	76.3	101.7	29.5
	912L (Nevis 766S to Red Deer 63S)	507.0	608.0	505.1	99.6	621.6	122.6	23.0
	9L20 (Nevis 766S to Cordel 755S)	429.0	501.0	471.9	110.0	581.7	135.6	25.6
	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	105.5	95.8	118.2	107.3	11.6
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138.0	104.9	93.6	117.8	105.1	11.5
EATL	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	82.8	98.5	85.3	101.6	3.1

Contingency (System Element Lost)	Details of Violation (Violation Observed On)	Normal Rating (MVA)	Emergency Rating (MVA)	Pre-Project Results		Post-Project Results		% Loading Difference (Post-Pre)
				Observed Power Flow (MVA)	% Loading	Observed Power Flow (MVA)	% Loading	
	704L (Wainwright 51S to Tucuman 478S)	75.0	83.0	62.1	82.8	82.3	109.7	26.9
9L16 (Tincherbray 972S to Cordel 755S)	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	97.2	88.2	111.4	101.1	12.9
749L (Metiskow 648S to Edgerton 899S)	704L (Wainwright 51S to Tucuman 478S)	75.0	83.0	56.6	75.5	79.7	106.3	30.9
	715L (715AL Tap to 715BL Tap)	98.0	108.0	103.1	105.2	102.5	104.6	-0.6
749L/7L749 (Edgerton 899S to Lloydminster 716S)	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	83.0	98.9	88.4	105.2	6.4
	704L (Wainwright 51S to Tucuman 478S)	75.0	83.0	56.8	75.7	79.7	106.3	30.6
Edgerton 899S Transformer T1	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	84.3	100.3	89.5	106.6	6.3
	704L (Wainwright 51S to Tucuman 478S)	75.0	83.0	58.1	77.5	81.1	108.1	30.6
	715L (715AL Tap to 715BL Tap)	98.0	108.0	98.3	100.3	98.3	100.3	0.0
1047L (Hansman Lake 650S to Nilrem 574S)	703L (Hardisty 377S to HRT Express Tap)	96.0	133.0	116.9	121.8	120.4	125.4	3.6
	472L (Metiskow 648S to 472AL)	121.0	133.0	139.9	115.6	142.8	118.0	2.4
	703L (Hughenden 213S to HRT Express Tap)	121.0	133.0	119.7	98.9	123.1	101.7	2.8
	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	130.2	155.0	133.3	158.7	3.7
9L24 (Oakland 946s - Lanfine 959s)	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	100.0	119.0	106.8	127.2	8.2
	704L (Wainwright 51S to Tucuman 478S)	75.0	83.0	56.6	75.4	78.1	104.1	28.7
	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	200.8	182.2	225.8	204.9	22.7
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138.0	209.2	186.6	235.6	210.2	23.6

Voltage Criteria Violations

No voltage criteria violations were observed under Category B conditions.

POD Bus Voltage Deviations

No POD bus voltage deviations were observed.

3.1.3 Scenario 6: 2028 Winter Peak High Generation Post-Project

Category A Conditions

Thermal criteria (as defined in Section 3.1 of Attachment A1) violations were observed under Category A conditions.

Table 3-9: Thermal Criteria Violations under Category A Conditions for Scenario 6

Contingency (System Element Lost)	Violation Location Details	Thermal Ratings (MVA)		Pre-Project Results		Post-Project Results		% Loading Difference (Post-Pre)
		Normal Rating	Emergency Rating	Power Flow (MVA)	% Loading	Power Flow (MVA)	% Loading	
None	704L (Wainwright 51S to Tucuman 478S)	79.0	87.0	62.1	77.0	79.9	101.2	24.2
	749AL (749AL Tap to 749AAL Tap)	148.0	163.0	155.8	105.3	158.5	107.1	1.8
	962L/9L62 (Tinchebray 972S to Gaetz 87S)	831.4	831.4	787.4	91.4	859.7	103.4	12.0

Thermal criteria violations were observed under Category A conditions. Hence, Category A curtailments were conducted prior to commencing Category B studies. The most effective generators were scaled down to mitigate Category A overloads.

Updated generation dispatch values for Scenario 6 are shown in the table below.

Table 3-10: Generation Curtailment for Scenario 6

Generator Name	Bus Number	CSS (MW)	Dispatch (MW)
Fox Meadow	560039	128.5	0.0
BR4	1496	31.0	0.0
BR5	1497	94.8	0.0
BUL1	550003	10.2	0.0
BUL2	550004	13.7	0.0
GRZ1	67308	45.0	0.0
HAL1	66435, 67435	143.2	0.0
CP Rolling	560235	162.7	0.0
Prairie Yarrow	560273	64.2	44.2

Thermal criteria violations under Category A Conditions prior to and after generation curtailment for Scenario 6 are shown in the table below:

Table 3-11: Thermal Loading under Category A Conditions for Scenario 6 Post-Curtailment

Contingency (System Element Lost)	Details of Violation (Violation Observed On)	Seasonal Continuous Rating (MVA)	Short-term (Emergency) Rating (MVA)	Post-Project Results (Pre-contingency Curtailment)		Post-Project Results (Post-Curtailment)	
				Power Flow (MVA)	% Loading	Power Flow (MVA)	% Loading

None	704L (Wainwright 51S to Tucuman 478S)	79.0	87.0	79.9	101.2	67.2	85.1
	749AL (749AL Tap to 749AAL Tap)	148.0	163.0	158.5	107.1	27.5	18.6
	962L/9L62 (Tinchebray 972S to Gaetz 87S)	831.4	831.4	859.7	103.4	632.6	76.1

Category B Conditions

Thermal Criteria Violations

Thermal criteria violations were observed under certain Category B conditions as shown in Table 3-12.

Table 3-12: Thermal Criteria Violations under Category B Conditions for Scenario 6

Contingency (System Element Lost)	Details of Violation (Violation Observed On)	Normal Rating (MVA)	Emergency Rating (MVA)	Pre-Project Results		Post-Project Results		% Loading Difference (Post-Pre)
				Observed Power Flow (MVA)	% Loading	Observed Power Flow (MVA)	% Loading	
966L (Hansman Lake 650S to Pemukan 932S)	7L224 (Hansman Lake 650S to Monitor 774S)	143.8	171.0	224.3	156.0	190.5	132.5	-23.5
	7L127 (Pemukan 932S to Monitor 774S)	182.1	126.5	255.9	140.5	220.3	121.0	-19.5
7L42 (Hill 751S to Lloydminster 716S)	704L (Wainwright 51S to Tucuman 478S)	79.0	87.0	56.3	71.3	80.2	101.5	30.2
953L (Nilren 574S to Cordel 755S)	704L (Wainwright 51S to Tucuman 478S)	79.0	87.0	61.4	77.7	94.6	119.7	42.0
912L (Nevis 766S to Red Deer 63S)	962L/9L62 (Tinchebray 972S to Gaetz 87S)	831.4	831.4	745.3	89.7	885.4	106.5	16.9
962L/9L62 (Tinchebray 972S to Gaetz 87S)	704L (Wainwright 51S to Tucuman 478S)	79.0	87.0	60.3	76.3	82.5	104.4	28.1
	912L (Nevis 766S to Red Deer 63S)	624.0	624.0	618.2	99.1	738.2	118.3	19.2
	9L20 (Nevis 766S to Cordel 755S)	540.0	624.0	526.9	97.6	641.0	118.7	21.1
EATL	704L (Wainwright 51S to Tucuman 478S)	79.0	87.0	68.2	86.3	88.5	112.0	25.7
	9L59 (Tinchebray 972S to 9LA59)	499.0	499.0	569.4	114.1	564.4	113.1	-1.0
749L (Metiskow 648S to Edgerton 899S)	704L (Wainwright 51S to Tucuman 478S)	79.0	87.0	63.7	80.7	89.3	113.1	32.4
749L/7L749 (Edgerton 899S to Lloydminster 716S)	704L (Wainwright 51S to Tucuman 478S)	79.0	87.0	60.8	76.9	86.4	109.4	32.5

Contingency (System Element Lost)	Details of Violation (Violation Observed On)	Normal Rating (MVA)	Emergency Rating (MVA)	Pre-Project Results		Post-Project Results		% Loading Difference (Post-Pre)
				Observed Power Flow (MVA)	% Loading	Observed Power Flow (MVA)	% Loading	
Edgerton 899S Transformer T1	704L (Wainwright 51S to Tucuman 478S)	79.0	87.0	62.4	78.9	88.0	111.4	32.5
1047L (Hansman Lake 650S to Nilrem 574S)	703L (Hardisty 377S to HRT Express Tap)	96.0	143.0	116.9	121.8	119.0	124.0	2.2
	472L (Metiskow 648S to 472AL)	150.0	165.0	163.7	109.1	165.6	110.4	1.3
	472L (Hughenden 213S to 472AL Tap)	125.0	138.0	126.9	101.5	129.0	103.2	1.7
9L24 (Oakland 946s - Lanfine 959s)	7L760 (Oyen 767S to 7LA760 Tap)	146.6	167.7	135.1	92.2	155.1	105.8	13.6
	7L132 (Oyen 767S to Lanfine 959S)	140.9	171.5	153.6	109.0	174.6	123.9	14.9

Voltage Criteria Violations

No voltage criteria violations were observed under Category B conditions.

POD Bus Voltage Deviations

No POD bus voltage deviations were observed.

3.1.4 Scenario 9: 2028 Summer Peak High Generation Post-Project - without CETO (ph1)

Category A Conditions

Thermal criteria (as defined in Section 3.1 of Attachment A1) violations were observed under Category A conditions.

Table 3-13: Thermal Criteria Violations under Category A Conditions for Scenario 9

Contingency (System Element Lost)	Violation Location Details	Thermal Ratings (MVA)		Pre-Project Results		Post-Project Results		% Loading Difference (Post-Pre)
		Normal Rating	Emergency Rating	Power Flow (MVA)	% Loading	Power Flow (MVA)	% Loading	
None	174L (Bardo 197S to North Holden 395S)	121.0	133.0	146.3	120.9	169.6	140.2	19.3
	701L (North Hoden 395S to Strome 223S)	119.0	131.0	117.7	98.9	143.2	120.3	39.7

Contingency (System Element Lost)	Violation Location Details	Thermal Ratings (MVA)		Pre-Project Results		Post-Project Results		% Loading Difference (Post-Pre)
		Normal Rating	Emergency Rating	Power Flow (MVA)	% Loading	Power Flow (MVA)	% Loading	
	704L (Wainwright 51S to Tucuman 478S)	75.0	83.0	58.8	72.6	78.6	104.8	32.2
	749AL (749AL Tap to 749AAL Tap)	120.9	133.0	128.9	106.6	131.3	108.6	2.0
	715L (715AL Tap to 715BL Tap)	98.0	108.0	115.2	117.6	112.4	114.7	-2.9
	7L65 (Vegreville 709S to 7LA65)	109.3	121.7	114.3	104.6	122.0	111.6	7.0
	912L (Nevis 766S to Red Deer 63S)	507.0	608.0	707.3	139.5	826.9	163.1	23.6
	9L20 (Nevis 766S to Cordel 755S)	429.0	501.0	623.3	145.3	734.0	171.1	25.8
	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	169.9	154.2	184.8	167.7	13.5
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138.0	169.7	151.4	184.9	164.9	13.5

Thermal criteria violations were observed under Category A conditions. Hence, Category A curtailments were conducted prior to commencing Category B studies. The most effective generators were scaled down to mitigate Category A overloads.

Updated generation dispatch values for Scenario 9 are shown in the table below.

Table 3-14: Generation Curtailment for Scenario 9

Generator Name	Bus Number	CSS (MW)	Dispatch (MW)
LAN1	60996	137.6	0.0
ATCO Oyen DER	19474	12.4	0.0
RESC Oyen	560032	250.0	100.0
UK Solar East	561042, 562042	312.7	212.7
NEP1	2621, 2622, 2623, 2624, 2625	76.1	0.0
Fox Meadow	560039	106.2	0.0
BR4	1496	31.0	0.0
BR5	1497	94.8	0.0
GRZ1	67308	45.0	0.0
HAL1	66435, 67435	140.7	0.0
CP Rolling	560235	134.6	0.0
Cache Rising Solar	562046	97.5	0.0

Generator Name	Bus Number	CSS (MW)	Dispatch (MW)
Dolcy Solar	567158, 567157, 567156	96.9	0.0
Aura Provost DER	4086	10.9	0.0
Killarney Lake DER	4219	10.9	0.0
Paintearth	61418, 62418	190.0	0.0

Thermal criteria violations under Category A Conditions prior to and after generation curtailment for Scenario 9 are shown in the table below:

Table 3-15: Thermal Loading under Category A Conditions for Scenario 9 Post-Curtailment

Contingency (System Element Lost)	Details of Violation (Violation Observed On)	Seasonal Continuous Rating (MVA)	Short-term (Emergency) Rating (MVA)	Post-Project Results (Pre-contingency Curtailment)		Post-Project Results (Post-Curtailment)	
				Power Flow (MVA)	% Loading	Power Flow (MVA)	% Loading
None	174L (Bardo 197S to North Holden 395S)	121.0	133.0	169.6	140.2	83.3	68.9
	701L (North Hoden 395S to Strome 223S)	119.0	131.0	143.2	120.3	53.9	45.3
	704L (Wainwright 51S to Tucuman 478S)	75.0	83.0	78.6	104.8	37.3	49.8
	749AL (749AL Tap to 749AAL Tap)	120.9	133.0	131.3	108.6	24.9	20.6
	715L (715AL Tap to 715BL Tap)	98.0	108.0	112.4	114.7	4.8	4.9
	7L65 (Vegreville 709S to 7LA65)	109.3	121.7	122.0	111.6	64.0	58.6
	912L (Nevis 766S to Red Deer 63S)	507.0	608.0	826.9	163.1	322.7	63.7
	9L20 (Nevis 766S to Cordel 755S)	429.0	501.0	734.0	171.1	301.2	70.2
	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	184.8	167.7	95.2	86.4
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138.0	184.9	164.9	100.0	89.2

Category B Conditions

Thermal Criteria Violations

Thermal criteria violations were observed under certain Category B conditions as shown in Table 3-16.

Table 3-16: Thermal Criteria Violations under Category B Conditions for Scenario 9

Contingency (System Element Lost)	Details of Violation (Violation Observed On)	Normal Rating (MVA)	Emergency Rating (MVA)	Pre-Project Results		Post-Project Results		% Loading Difference (Post-Pre)
				Observed Power Flow (MVA)	% Loading	Observed Power Flow (MVA)	% Loading	
9L20 (Nevis 766S to Cordel 755S)	174L (Bardo 197S to North Holden 395S)	121.0	133.0	87.3	72.1	123.1	101.7	29.6
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138.0	95.1	84.8	114.2	101.9	17.1
7L137 (Three Hills 770S to Rowley 768S)	7L128 (Coyote Lake 963S to 7LA128 Tap)	162.9	180.2	165.2	101.4	166.0	101.9	0.5
7L25 (Rowley 768S to Michichi Creek 802S)	7L128 (Coyote Lake 963S to 7LA128 Tap)	162.9	180.2	166.6	102.3	167.5	102.8	0.5
912L (Nevis 766S to Red Deer 63S)	174L (Bardo 197S to North Holden 395S)	121.0	133.0	95.0	78.5	134.2	110.9	32.4
	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	92.4	83.8	112.0	101.6	17.8
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138.0	95.7	85.4	115.0	102.6	17.2
EATL	174L (Bardo 197S to North Holden 395S)	121.0	133.0	96.9	80.1	122.1	100.9	20.8
9L24 (Oakland 946s - Lanfine 959s)	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	143.3	130.0	174.8	158.6	28.6
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138.0	153.0	136.5	186.3	166.2	29.7

Voltage Criteria Violations

No voltage criteria violations were observed under Category B conditions.

POD Bus Voltage Deviations

No POD bus voltage deviations were observed.

3.1.5 Scenario 12: 2028 Summer Peak Low Generation Post-Project

Category A Conditions

Thermal criteria (as defined in Section 3.1 of Attachment A1) violations were observed under Category A conditions.

Table 3-17: Thermal Criteria Violations under Category A Conditions for Scenario 12

Contingency (System Element Lost)	Violation Location Details	Thermal Ratings (MVA)		Pre-Project Results		Post-Project Results		% Loading Difference (Post-Pre)
		Normal Rating	Emergency Rating	Power Flow (MVA)	% Loading	Power Flow (MVA)	% Loading	
None	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	86.2	102.6	84.0	100.0	-2.6
	715AL (Hansman Lake 650S to 715AL Tap)	123.0	135.0	128.9	104.8	130.3	106.0	1.2
	749AL (749AL Tap to 749AAL Tap)	120.9	133.0	127.2	105.2	125.6	103.9	-1.3
	715L (715AL Tap to 715BL Tap)	98.0	108.0	129.2	131.8	130.6	133.3	1.5

Thermal criteria violations were observed under Category A conditions. Hence, Category A curtailments were conducted prior to commencing Category B studies. The most effective generators were scaled down to mitigate Category A overloads.

Updated generation dispatch values for Scenario 12 are shown in the table below.

Table 3-18: Generation Curtailment for Scenario 12

Generator Name	Bus Number	CSS (MW)	Dispatch (MW)
Cache Rising Solar	562046	100.1	0.0

Thermal criteria violations under Category A Conditions prior to and after generation curtailment for Scenario 3 are shown in the table below:

Table 3-19: Thermal Loading under Category A Conditions for Scenario 12 Post-Curtailment

Contingency (System Element Lost)	Details of Violation (Violation Observed On)	Seasonal Continuous Rating (MVA)	Short-term (Emergency) Rating (MVA)	Post-Project Results (Pre-contingency Curtailment)		Post-Project Results (Post-Curtailment)	
				Power Flow (MVA)	% Loading	Power Flow (MVA)	% Loading
None	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	84.0	100.0	71.0	84.6
	715AL (Hansman Lake 650S to 715AL Tap)	123.0	135.0	130.3	106.0	35.2	28.6
	749AL (749AL Tap to 749AAL Tap)	120.9	133.0	125.6	103.9	116.8	96.6
	715L (715AL Tap to 715BL Tap)	98.0	108.0	130.6	133.3	35.3	36.1

Category B Conditions

Thermal Criteria Violations

Thermal criteria violations were observed under certain Category B conditions as shown in Table 3-20.

Table 3-20: Thermal Criteria Violations under Category B Conditions for Scenario 12

Contingency (System Element Lost)	Details of Violation (Violation Observed On)	Normal Rating (MVA)	Emergency Rating (MVA)	Pre-Project Results		Post-Project Results		% Loading Difference (Post-Pre)
				Observed Power Flow (MVA)	% Loading	Observed Power Flow (MVA)	% Loading	
885L (Metiskow 648S to Hansman Lake 650S)	749AL (749AL Tap to 749AAL Tap)	120.9	133.0	133.2	110.2	131.2	108.5	-1.7
966L (Hansman Lake 650S to Pemukan 932S)	7L224 (Hansman Lake 650S to Monitor 774S)	108.3	125.0	129.6	119.7	152.7	141.0	21.3
	7L127 (Pemukan 932S to Monitor 774S)	144.7	126.5	153.8	106.3	177.0	122.3	16.0
9L27 (Paintearth Creek 863S to Cordel 755S)	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	96.0	114.3	89.5	106.6	-7.7
1060L (Paintearth 863S to P2555 Switching sub)	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	96.4	114.8	90.0	107.1	-7.7
EATL	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	86.6	103.1	84.3	100.4	-2.7
749L/7L749 (Edgerton 899S to Lloydminster 716S)	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	90.1	107.3	85.8	102.2	-5.1
Edgerton 899S Transformer T1	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	91.5	108.9	87.3	103.9	-5.0
715L (Hansman Lake 650S to Provost 545S)	749AL (749AL Tap to 749AAL Tap)	120.9	133.0	151.0	124.9	151.1	125.0	0.1
1047L (Hansman Lake 650S to Nilrem 574S)	703L (Hardisty 377S to HRT Express Tap)	96.0	133.0	133.7	139.3	131.9	137.4	-1.9
	472L (Metiskow 648S to 472AL)	121.0	133.0	172.4	142.5	170.6	141.0	-1.5
	703L (Hughenden 213S to HRT Express Tap)	121.0	133.0	137.0	113.2	135.2	111.7	-1.5
	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	141.8	168.8	139.9	166.6	-2.2
9L24 (Oakland 946s - Lanfine 959s)	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	91.2	108.6	86.5	103.0	-5.6

Voltage Criteria Violations

No voltage criteria violations were observed under Category B conditions.

POD Bus Voltage Deviations

No POD bus voltage deviations were observed.

3.1.6 Scenario 13: 2028 Winter Peak Low Generation Post-Project

Category A Conditions

No Reliability Criteria violations were observed under Category A conditions.

Category B Conditions

No Reliability Criteria violations were observed under Category B conditions.

3.2 Voltage Stability Studies

The voltage stability margin was met for all studied conditions.

3.2.1 Scenario 12: 2028 SP LG Post-Project

Voltage stability analysis was performed for the 2028 SP LG post-Project scenario. The reference load level for the Study Area is 756.9 MW. For Category B contingencies, the minimum incremental load transfer is 5% of the reference load, or 38.0 MW (0.05 x 756.9 MW = 38.0 MW), in order to meet the voltage stability criteria.

Table 3-21 provides the voltage stability study results under the Category A condition and for the five worst contingencies under Category B conditions. The voltage stability diagrams are provided in Attachment A4.

Table 3-21: Voltage Stability Study Results under Category B Conditions for Scenario 12

Contingency (System Element Lost)	From	To	Maximum Incremental Transfer (MW)	Meets Criteria?
N-0	System Normal		500	Yes
7L130	Vermilion 710S	Kitscoty 705S	150	Yes
7L14	Kitscoty 705S	Hill 751S	200	Yes
749L	Metiskow 648S	Edgerton 899S	200	Yes
Transformer, 899ST1	Edgerton 899S, 138/25 kV Transformer T1		250	Yes
Transformer, 932ST1	Pemukan 932S 240/138/25 kV Transformer T1		300	Yes

3.2.2 Scenario 13: 2028 WP LG Post-Project

Voltage stability analysis was performed for the 2028 WP LG post-Project scenario. The reference load level for the Study Area is 830.5 MW. For Category B contingencies, the minimum incremental load transfer is 5% of the reference load, or 41.5 MW (0.05 x 830.5 MW = 41.5 MW), in order to meet the voltage stability criteria.

Table 3-21 provides the voltage stability study results under the Category A condition and for the five worst contingencies under Category B conditions. The voltage stability diagrams are provided in Attachment A4.

Table 3-22: Voltage Stability Study Results under Category B Conditions for Scenario 13

Contingency (System Element Lost)	From	To	Maximum Incremental Transfer (MW)	Meets Criteria?
N-0	System Normal		500	Yes
749L	Metiskow 648S	Edgerton 899S	150	Yes
7L130	Vermilion 710S	Kitscoty 705S	200	Yes
7L14	Kitscoty 705S	Hill 751S	225	Yes
Transformer, 899ST1	Edgerton 899S, 138/25 kV Transformer T1		250	Yes
Transformer, 932ST1	Pemukan 932S 240/138/25 kV Transformer T1		250	Yes

3.3 Transient Stability Studies

Transient stability studies were completed for Scenarios 4, 5, and 6.

The results did not indicate any transient stability concerns, and the system showed acceptable dynamic response to all Category B conditions studied, as shown in Table 3-23 to Table 3-25. The post-Project transient stability plots are provided in Attachment A5. The dynamic data and assumptions of all equipment proposed for the Facility are provided in Attachment A6.

Table 3-23: Transient Stability Study Results under Category B Conditions for Scenario 4

Studied Contingency	Fault Description and Location	Results
749L (Metiskow 648S - JCT. 749L - Killarney Lake 267S)	3-phase fault at Killarney lake 267S	Stable
	3-phase fault at Metiskow 648S	Stable
	3-phase fault at Edgerton 899S	Stable
748L (Killarney Lake 267S - Hayter 277S)	3-phase fault at Killarney lake 267S	Stable
	3-phase fault at Hayter 277S	Stable
398L (Hayter 277S – Provost 545S)	3-phase fault at Hayter 277S	Stable
	3-phase fault at Provost 545S	Stable
954L (Metiskow 648S - Hansman Lake 650S)	3-phase fault at Metiskow 648S	Stable
	3-phase fault at Hansman Lake 650S	Stable
885L (Metiskow 648S - Hansman Lake 650S)	3-phase fault at Metiskow 648S	Stable
	3-phase fault at Hansman Lake 650S	Stable
1047L (Nilrem 574S - Hansman Lake 650S)	3-phase fault at Nilrem 574S	Stable
	3-phase fault at Hansman Lake 650S	Stable
948L (Hansman Lake 650S - Paintearth 863S)	3-phase fault at Hansman Lake 650S	Stable
	3-phase fault at Paintearth 863S	Stable
715AL/715L (Provost 545S – Hansman Lake 650S)	3-phase fault at Hansman Lake 650S	Stable
	3-phase fault at Provost 545S	Stable
966L/9L966 (Hansman Lake 650S – Pemukan 932S)	3-phase fault at Hansman Lake 650S	Stable
	3-phase fault at Pemukan 932S	Stable
953L/9L953 (Nilrem 574S – Cordel 755S)	3-phase fault at Nilrem 574S	Stable
	3-phase fault at Cordel 755s	Stable
9L27 (Paintearth 863S – Cordel 755S)	3-phase fault at Paintearth 863S	Stable
	3-phase fault at Cordel 755S	Stable
9L16 (Cordel 755S – Tinchebray 973S)	3-phase fault at Cordel 755S	Stable
	3-phase fault at Tinchebray 973S	Stable
9L59 (Tinchebray 973S – Anderson 801S)	3-phase fault at Tinchebray 973S	Stable
	3-phase fault at Anderson 801S	Stable
9L20 (Nevis 766S – Cordel 755S)	3-phase fault at Cordel 755S	Stable

Studied Contingency	Fault Description and Location	Results
	3-phase fault at Nevis 766S	Stable
7L224 (Hansman Lake 650S – JCT. Eyre 558S – Monitor 774S)	3-phase fault at Hansman Lake 650S	Stable
	3-phase fault at Monitor 774S	Stable
679L (Nilrem 574S – Tucuman 478S)	3-phase fault at Nilrem 574S	Stable
	3-phase fault at Tucuman 478S	Stable
680L (Nilrem 574S – Tucuman 478S)	3-phase fault at Nilrem 574S	Stable
	3-phase fault at Tucuman 478S	Stable
962L/9L62 (Gaetz 87S - Tinchebray 973S)	3-phase fault at Gaetz 87S	Stable
	3-phase fault at Tinchebray 973S	Stable
912L (Nevis 766S - Red Deer 63S)	3-phase fault at Nevis 766S	Stable
	3-phase fault at Red Deer 63S	Stable

Table 3-24: Transient Stability Study Results under Category B Conditions for Scenario 5

Studied Contingency	Fault Description and Location	Results
749L (Metiskow 648S - JCT. 749L - Killarney Lake 267S)	3-phase fault at Killarney lake 267S	Stable
	3-phase fault at Metiskow 648S	Stable
	3-phase fault at Edgerton 899S	Stable
748L (Killarney Lake 267S - Hayter 277S)	3-phase fault at Killarney lake 267S	Stable
	3-phase fault at Hayter 277S	Stable
398L (Hayter 277S – Provost 545S)	3-phase fault at Hayter 277S	Stable
	3-phase fault at Provost 545S	Stable
954L (Metiskow 648S - Hansman Lake 650S)	3-phase fault at Metiskow 648S	Stable
	3-phase fault at Hansman Lake 650S	Stable
885L (Metiskow 648S - Hansman Lake 650S)	3-phase fault at Metiskow 648S	Stable
	3-phase fault at Hansman Lake 650S	Stable
1047L (Nilrem 574S - Hansman Lake 650S)	3-phase fault at Nilrem 574S	Stable
	3-phase fault at Hansman Lake 650S	Stable
948L (Hansman Lake 650S - Paintearth 863S)	3-phase fault at Hansman Lake 650S	Stable
	3-phase fault at Paintearth 863S	Stable
715AL/715L (Provost 545S – Hansman Lake 650S)	3-phase fault at Hansman Lake 650S	Stable
	3-phase fault at Provost 545S	Stable
966L/9L966 (Hansman Lake 650S – Pemukan 932S)	3-phase fault at Hansman Lake 650S	Stable
	3-phase fault at Pemukan 932S	Stable
953L/9L953 (Nilrem 574S – Cordel 755S)	3-phase fault at Nilrem 574S	Stable
	3-phase fault at Cordel 755s	Stable

Studied Contingency	Fault Description and Location	Results
9L27 (Paintearth 863S – Cordel 755S)	3-phase fault at Paintearth 863S	Stable
	3-phase fault at Cordel 755S	Stable
9L16 (Cordel 755S – Tinchebray 973S)	3-phase fault at Cordel 755S	Stable
	3-phase fault at Tinchebray 973S	Stable
9L59 (Tinchebray 973S – Anderson 801S)	3-phase fault at Tinchebray 973S	Stable
	3-phase fault at Anderson 801S	Stable
9L20 (Nevis 766S – Cordel 755S)	3-phase fault at Cordel 755S	Stable
	3-phase fault at Nevis 766S	Stable
7L224 (Hansman Lake 650S – JCT. Eyre 558S – Monitor 774S)	3-phase fault at Hansman Lake 650S	Stable
	3-phase fault at Monitor 774S	Stable
679L (Nilrem 574S – Tucuman 478S)	3-phase fault at Nilrem 574S	Stable
	3-phase fault at Tucuman 478S	Stable
680L (Nilrem 574S – Tucuman 478S)	3-phase fault at Nilrem 574S	Stable
	3-phase fault at Tucuman 478S	Stable
962L/9L62 (Gaetz 87S - Tinchebray 973S)	3-phase fault at Gaetz 87S	Stable
	3-phase fault at Tinchebray 973S	Stable
912L (Nevis 766S - Red Deer 63S)	3-phase fault at Nevis 766S	Stable
	3-phase fault at Red Deer 63S	Stable

Table 3-25: Transient Stability Study Results under Category B Conditions for Scenario 6

Studied Contingency	Fault Description and Location	Results
749L (Metiskow 648S - JCT. 749L - Killarney Lake 267S)	3-phase fault at Killarney lake 267S	Stable
	3-phase fault at Metiskow 648S	Stable
	3-phase fault at Edgerton 899S	Stable
748L (Killarney Lake 267S - Hayter 277S)	3-phase fault at Killarney lake 267S	Stable
	3-phase fault at Hayter 277S	Stable
398L (Hayter 277S – Provost 545S)	3-phase fault at Hayter 277S	Stable
	3-phase fault at Provost 545S	Stable
954L (Metiskow 648S - Hansman Lake 650S)	3-phase fault at Metiskow 648S	Stable
	3-phase fault at Hansman Lake 650S	Stable
885L (Metiskow 648S - Hansman Lake 650S)	3-phase fault at Metiskow 648S	Stable
	3-phase fault at Hansman Lake 650S	Stable
1047L (Nilrem 574S - Hansman Lake 650S)	3-phase fault at Nilrem 574S	Stable
	3-phase fault at Hansman Lake 650S	Stable
948L (Hansman Lake 650S - Paintearth 863S)	3-phase fault at Hansman Lake 650S	Stable

Studied Contingency	Fault Description and Location	Results
	3-phase fault at Paintearth 863S	Stable
715AL/715L (Provost 545S – Hansman Lake 650S)	3-phase fault at Hansman Lake 650S	Stable
	3-phase fault at Provost 545S	Stable
966L/9L966 (Hansman Lake 650S – Pemukan 932S)	3-phase fault at Hansman Lake 650S	Stable
	3-phase fault at Pemukan 932S	Stable
953L/9L953 (Nilrem 574S – Cordel 755S)	3-phase fault at Nilrem 574S	Stable
	3-phase fault at Cordel 755s	Stable
9L27 (Paintearth 863S – Cordel 755S)	3-phase fault at Paintearth 863S	Stable
	3-phase fault at Cordel 755S	Stable
9L16 (Cordel 755S – Tinchebray 973S)	3-phase fault at Cordel 755S	Stable
	3-phase fault at Tinchebray 973S	Stable
9L59 (Tinchebray 973S – Anderson 801S)	3-phase fault at Tinchebray 973S	Stable
	3-phase fault at Anderson 801S	Stable
9L20 (Nevis 766S – Cordel 755S)	3-phase fault at Cordel 755S	Stable
	3-phase fault at Nevis 766S	Stable
7L224 (Hansman Lake 650S – JCT. Eyre 558S – Monitor 774S)	3-phase fault at Hansman Lake 650S	Stable
	3-phase fault at Monitor 774S	Stable
679L (Nilrem 574S – Tucuman 478S)	3-phase fault at Nilrem 574S	Stable
	3-phase fault at Tucuman 478S	Stable
680L (Nilrem 574S – Tucuman 478S)	3-phase fault at Nilrem 574S	Stable
	3-phase fault at Tucuman 478S	Stable
962L/9L62 (Gaetz 87S - Tinchebray 973S)	3-phase fault at Gaetz 87S	Stable
	3-phase fault at Tinchebray 973S	Stable
912L (Nevis 766S - Red Deer 63S)	3-phase fault at Nevis 766S	Stable
	3-phase fault at Red Deer 63S	Stable

4 Short Circuit Studies

4.1 Pre-Project Results

4.1.1 Scenario 3: 2028 WP HG Pre-Project

Pre-Project short-circuit current levels are provided in Table 4-1[1].

Table 4-1: Pre-Project Short-Circuit Current Levels for Scenario 3

Substation Name and Number	Base Voltage (kV)	Pre-Fault Voltage (kV)	3-Φ Fault (kA)	Positive Sequence Thevenin Source Impedance (R1+jX1) (pu)	1-Φ Fault (kA)	Zero Sequence Thevenin Source Impedance (R0+jX0) (pu)
Hunghenden 213S	138	141.2	5.64	0.027523+ j0.073186	4.12	0.037193+ j0.157564
Metiskow 648S	240	256.8	6.36	0.010055+ j0.040560	7.42	0.003189+ j0.020460
	138	142.3	8.86	0.013507+ j0.048360	9.54	0.004339+ j0.035502
Hansman Lake 650S	240	256.8	6.40	0.010004+ j0.040324	7.53	0.003021+ j0.019430
	138	142.3	8.85	0.013457+ j0.048441	9.60	0.004141+ j0.034577
Edgerton 899S	138	140.4	3.30	0.054156+ j0.120624	2.27	0.079431+ j0.300337
Provost 545S	138	142.2	5.03	0.029777+ j0.083079	3.80	0.040097+ j0.163198
Monitor 774S	138	149.3	6.37	0.018200+ j0.071722	7.32	0.006107+ j0.040095
Nilrem 574S	240	253.2	6.23	0.010637+ j0.040445	5.12	0.015750+ j0.065017
	138	140.5	9.31	0.011843+ j0.045416	7.86	0.015152+ j0.069514
Tucuman 478S	138	140.6	8.91	0.013542+ j0.047191	7.24	0.018990+ j0.078853
Paintearth 863S	240	253.7	7.85	0.006058+ j0.032570	6.62	0.011843+ j0.048911
Cordel 755S	240	252.7	13.79	0.003177+ j0.018496	14.23	0.001576+ j0.015700

4.2 Post-Project Results

4.2.1 Scenario 6: 2028 WP HG Post-Project

Post-Project short-circuit current levels for Scenario 6 are provided in Table 4-2.

[1] Short-circuit current studies were based on modeling information provided to the AESO by third parties. The authenticity of the modeling information has not been validated. Fault levels could change as a result of system developments, new customer connections, or additional generation in the area. It is recommended that these changes be monitored and fault levels reviewed to ensure that the fault levels are within equipment operating limits. The information provided in this study should not be used as the sole source of information for electrical equipment specifications or for the design of safety-grounding systems.

Table 4-2: Post-Project Short-Circuit Current Levels for Scenario 6

Substation Name and Number	Base Voltage (kV)	Pre-Fault Voltage (kV)	3-Φ Fault (kA)	Positive Sequence Thevenin Source Impedance (R1+jX1) (pu)	1-Φ Fault (kA)	Zero Sequence Thevenin Source Impedance (R0+jX0) (pu)
Hunghenden 213S	138	143.1	5.74	0.027002+ j0.072708	4.19	0.037143+ j0.157481
Metiskow 648S	240	258.3	6.67	0.009165+ j0.038963	7.73	0.003189+ j0.020468
	138	144.1	9.07	0.012895+ j0.047879	9.75	0.004338+ j0.035537
Hansman Lake 650S	240	258.2	6.71	0.009112+ j0.038723	7.85	0.003020+ j0.019438
	138	144.1	9.06	0.012843+ j0.047954	9.81	0.004140+ j0.034607
Edgerton 899S	138	144.2	3.33	0.055838+ j0.122312	2.29	0.081106+ j0.305737
Provost 545S	138	144.1	5.07	0.029768+ j0.083374	3.84	0.040139+ j0.163264
Monitor 774S	138	152.5	6.56	0.017417+ j0.071086	7.55	0.006092+ j0.040108
Nilrem 574S	240	257.1	6.42	0.010204+ j0.039844	5.25	0.015766+ j0.065051
	138	142.6	9.55	0.011446+ j0.044985	8.02	0.015170+ j0.069557
Tucuman 478S	138	142.7	9.11	0.013162+ j0.046818	7.38	0.019030+ j0.078927
Paintearth 863S	240	254.3	7.92	0.005921+ j0.032342	6.65	0.011848+ j0.048949
Cordel 755S	240	253.6	13.89	0.003110+ j0.018406	14.30	0.001588+ j0.015780
P2566 Facility	240	258.0	5.87	0.010243+ j0.044127	4.98	0.017211+ j0.065093

4.2.2 Scenario 7: 2033 WP HG Post-Project

Post-Project short-circuit current levels for Scenario 7 are provided in Table 4-3.

Table 4-3: Post-Project Short-Circuit Current Levels for Scenario 7

Substation Name and Number	Base Voltage (kV)	Pre-Fault Voltage (kV)	3-Φ Fault (kA)	Positive Sequence Thevenin Source Impedance (R1+jX1) (pu)	1-Φ Fault (kA)	Zero Sequence Thevenin Source Impedance (R0+jX0) (pu)
Hunghenden 213S	138	142.2	5.72	0.027087+ j0.071037	4.15	0.036827+ j0.156013
Metiskow 648S	240	256.8	6.58	0.009336+ j0.038411	7.61	0.003154+ j0.020249
	138	143.7	9.06	0.013087+ j0.046796	9.72	0.004271+ j0.034841
Hansman Lake 650S	240	256.8	6.62	0.009284+ j0.038173	7.73	0.002987+ j0.019224
	138	143.8	9.07	0.013038+ j0.046772	9.80	0.004071+ j0.033854
Edgerton 899S	138	146.2	4.63	0.029879+ j0.091755	3.54	0.042726+ j0.177410
Provost 545S	138	143.1	4.99	0.029842+ j0.082541	4.02	0.033272+ j0.142155
Monitor 774S	138	150.8	6.42	0.017505+ j0.069985	7.35	0.006105+ j0.040048
Nilrem 574S	240	252.6	6.55	0.009830+ j0.037753	5.38	0.014398+ j0.060688
	138	141.5	9.98	0.011125+ j0.041895	8.36	0.014089+ j0.064963

Substation Name and Number	Base Voltage (kV)	Pre-Fault Voltage (kV)	3-Φ Fault (kA)	Positive Sequence Thevenin Source Impedance (R1+jX1) (pu)	1-Φ Fault (kA)	Zero Sequence Thevenin Source Impedance (R0+jX0) (pu)
Tucuman 478S	138	141.2	9.40	0.012848+ j0.044097	7.60	0.017747+ j0.074464
Paintearth 863S	240	255.6	7.93	0.005978+ j0.032064	6.65	0.011837+ j0.048775
Cordel 755S	240	254.8	13.96	0.003155+ j0.018172	14.43	0.001552+ j0.015444
P2566 Facility	240	252.0	5.79	0.010177+ j0.042901	4.89	0.016817+ j0.063663

5 Mitigation Measure Development and Evaluation

The Studies Consultant, in consultation with the AESO, developed mitigation measures to address the system performance issues that were identified in the post-Project scenarios. Existing remedial action schemes (RASs) are described in Section 1.2.2 of Attachment A1.

5.1 Pre-Project

Pre-Project mitigation measures are summarized in Table 5-1.

Table 5-1: Pre-Project Mitigation Measures

Mitigation Measure	Location of Observed Violation	Contingency
Existing 134	7L159 (Heatburg 948S to 7LA159 Tap)	9L29 (Oakland 946S to Coyote Lake 963S), or 963S T1 (Coyote Lake 963S Transformer T1)
	7L16 (Nevis 766S to Heatburg 948S)	
	174L (Bardo 197S to North Holden 395S)	912L (Nevis 766S to Red Deer 63S)
Existing RAS 203[a]	7L128 (Coyote Lake 963S to 7LA128 Tap)	7L16 (Nevis 766S to Heatburg 948S)
Planned 9L24/760L RAS[b]	7L760 (Oyen 767S to 7LA760 Tap)	9L24 (Oakland 946s - Lanfine 959s)
	7L132 (Oyen 767S to Lanfine 959S)	
Existing RAS 201	7L224 (Hansman Lake 650S to Monitor 774S)	966L (Hansman Lake 650S to Pemukan 932S)
	7L127 (Pemukan 932S to Monitor 774S)	
Planned RAS 213	749AL (749AL Tap to 749AAL Tap)	715L (Hansman Lake 650S to Provost 545S)
Planned RAS 238	472L (Hughenden 213S to 472AL Tap)	1047L (Hansman Lake 650S to Nilrem 574S), or 1060L (Paintearth 863S to P2555 Switching sub), or 9L27 (Paintearth Creek 863S to Cordel 755S)
Real time operational practices	7L128 (Coyote Lake 963S to 7LA128 Tap)	766S T1 (Nevis 766S 240/138 kV Transformer), or 7L137 (Three Hills 770S to Rowley 768S), or 7L25 (Rowley 768S to Michichi Creek 802S)
	472L (Hughenden 213S to 472AL Tap)	Edgerton 899S Transformer T1, or 1047L (Hansman Lake 650S to Nilrem 574S), or 9L24 (Oakland 946s - Lanfine 959s)
	715L (Hansman Lake 650S to 715AL Tap)	749L (Metiskow 648S to Edgerton 899S), or Edgerton 899S Transformer T1
	715L (715AL Tap 715BL Tap)	
	703L (Hardisty 377S to HRT Express Tap)	1047L (Hansman Lake 650S to Nilrem 574S)
	749AL (749AL Tap to 749AAL Tap)	885L (Metiskow 648S to Hansman Lake 650S)
	9L20 (Nevis 766S to Cordel 755S)	962L/9L62 (Tinchebray 972S to Gaetz 87S)

Notes:

[a] Existing RAS 203 is an RAS proposed to the planned P2263.

[b] Planned RAS 9L24/760L RAS is an RAS proposed to the planned P2356 and existing wind farm LAN1.

5.2 Post-Project

Post-Project mitigation measures are summarized in Table 5-2.

Table 5-2: Post-Project Mitigation Measures

Mitigation Measure	Location of Observed Violation	Contingency
Existing 134	7L159 (Heatburg 948S to 7LA159 Tap)	9L29 (Oakland 946S to Coyote Lake 963S), or 963S T1 (Coyote Lake 963S Transformer T1)
	7L16 (Nevis 766S to Heatburg 948S)	
	174L (Bardo 197S to North Holden 395S)	912L (Nevis 766S to Red Deer 63S)
Modified RAS 211[a]	704L (Wainwright 51S to Tucuman 478S)	953L/9L53 (Nilren 574S to Cordel 755S)
	7L16 (Nevis 766S to Heatburg 948S)	
	9L59 (Tinchebray 972S to 9LA59)	
	408L (Jarrow 252S to Wainwright 297S)	953L (Nilren 574S to Cordel 755S)
	702L (Hardisty 377S to Sedgewick 137S)	
	7L760 (Oyen 767S to Bindloss 914S Tap)	
	7L132 (Oyen 767S to Lanfine 959S)	
	704L (Wainwright 51S to Tucuman 478S)	
Existing RAS 201	7L224 (Hansman Lake 650S to Monitor 774S)	966L (Hansman Lake 650S to Pemukan 932S)
	7L127 (Pemukan 932S to Monitor 774S)	
Planned RAS 213	749AL (749AL Tap to 749AAL Tap)	715L (Hansman Lake 650S to Provost 545S)
Planned RAS 238	472L (Hughenden 213S to 472AL Tap)	1047L (Hansman Lake 650S to Nilrem 574S), or 1060L (Paintearth 863S to P2555 Switching sub), or 9L27 (Paintearth Creek 863S to Cordel 755S)
Planned 9L24/760L RAS	7L760 (Oyen 767S to 7LA760 Tap)	9L24 (Oakland 946s - Lanfine 959s)
	472L (Hughenden 213S to 472AL Tap)	
	704L (Wainwright 51S to Tucuman 478S)	
	7L132 (Oyen 767S to Lanfine 959S)	
Real time operational practices	7L128 (Coyote Lake 963S to 7LA128 Tap)	766S T1 (Nevis 766S 240/138 kV Transformer), or 7L137 (Three Hills 770S to Rowley 768S), or 7L25 (Rowley 768S to Michichi Creek 802S)
	472L (Hughenden 213S to 472AL Tap)	681L (Hardisty 377S to Tucuman 478S), or 7L42 (Hill 751S to Lloydminster 716S), or 9L27 (Paintearth Creek 863S to Cordel 755S), or 1060L (Paintearth 863S to P2555 Switching sub), or EATL, or 749L/7L749 (Edgerton 899S to Lloydminster 716S), Edgerton 899S Transformer T1, or 1047L (Hansman Lake 650S to Nilrem 574S), or 9L24 (Oakland 946s - Lanfine 959s)
	7L760 (Oyen 767S to 7L760 Tap)	9L27 (Paintearth Creek 863S to Cordel 755S), or 1060L (Paintearth 863S to P2555 Switching sub), or 9L20 (Nevis 766S to Cordel 755S), or 912L (Nevis 766S to Red Deer 63S), or 9L16 (Tincherbray 972S to Cordel 755S), or 9L20 (Nevis 766S to Cordel 755S)
	7L132 (Oyen 767S to Lanfine 959S)	
	912L (Nevis 766S to Red Deer 63S)	962L/9L62 (Tinchebray 972S to Gaetz 87S)

Mitigation Measure	Location of Observed Violation	Contingency
	9L20 (Nevis 766S to Cordel 755S)	
	7L132 (Oyen 767S to Lanfine 959S)	
	174L (Bardo 197S to North Holden 395S)	
	9L16 (Tincherbray 972S to Goldeye Tap)	912L (Nevis 766S to Red Deer 63S)
	962L/9L62 (Tinchebray 972S to Gaetz 87S)	
	703L (Hardisty 377S to HRT Express Tap)	1047L (Hansman Lake 650S to Nilrem 574S)
	174L (Bardo 197S to North Holden 395S)	9L20 (Nevis 766S to Cordel 755S)
	704L (Wainwright 51S to Tucuman 478S)	EATL, or 749L (Metiskow 648S to Edgerton 899S), or 749L/7L749 (Edgerton 899S to Lloydminster 716S), or 7L42 (Hill 751S to Lloydminster 716S)
	9L59 (Tinchebray 972S to 9LA59)	EATL
	7L16 (Nevis 766S to Heatburg 948S)	9L29 (Oakland 946S to Coyote Lake 963S), or 963S T1 (Coyote Lake 963S Transformer T1)
	715L (Hansman Lake 650S to 715AL Tap)	749L (Metiskow 648S to Edgerton 899S), Edgerton 899S Transformer T1
	715L (715AL Tap to Cache Rising Sun MPC Solar)	

Notes:

[a] "Modified" refers to adding the Project to the logic of the planned RAS 211.

5.3 Evaluation of Mitigation Measures

This section describes the results of the power flow studies that were performed to assess the impact of the Project on the performance of the AIES following the implementation of proposed mitigation measures.

The post-mitigation measures studies were performed under Category B conditions for scenarios 4, 5, 6, 9, and 12 using Alternative 1 and the RASs described in the previous section.

The post-mitigation power flow diagrams for selected Category B conditions are provided in Attachment A7. Post-mitigation power flow diagrams present only those post-Project contingencies that result in thermal criteria violations that require RAS mitigation. Post-Project contingencies that result in thermal criteria violations that can be mitigated by real-time operational practices or TFO capital maintenance projects were not studied.

5.3.1 Scenario 4: 2028 Summer Peak High Generation Post-Project

Category B Conditions

Thermal criteria violations observed under certain Category B conditions in the post-Project studies were mitigated by RASs as shown in Table 5-3.

After RAS actions were complete, real-time operational practices are required to fully alleviate certain thermal criteria violations observed on 144 kV transmission lines 7L760 and 7L132.

Table 5-3: Post-RAS Power Flow Study Results for Scenario 4

Contingency (System Element Lost)	Details of Violation (Violation Observed On)	Seasonal Continuous Rating (MVA)	Short-term (Emergency) Rating (MVA)	Post-Project Results		Post-RAS Action Results	
				Power Flow (MVA)	% Loading	Power Flow (MVA)	% Loading
7L16 (Nevis 766S to Heatburg 948S)	7L128 (Coyote Lake 963S to 7LA128 Tap)	162.9	180.2	193.9	119.0	100.8	61.9
9L29 (Oakland 946S to Coyote Lake 963S)	7L159 (Heatburg 948S to 7LA159 Tap)	107.3	123.6	125.9	117.3	83.8	78.1
	7L16 (Nevis 766S to Heatburg 948S)	107.3	123.6	123.3	114.9	81.1	75.6
963S T1 (Coyote Lake 963S Transformer T1)	7L159 (Heatburg 948S to 7LA159 Tap)	107.3	123.6	125.9	117.3	83.8	78.1
	7L16 (Nevis 766S to Heatburg 948S)	107.3	123.6	123.3	114.9	81.1	75.6
9L24 (Oakland 946s - Lanfine 959s)	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	181.2	164.4	174.0	157.9[a]
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138.0	192.7	171.9	184.9	164.9[a]

Notes:

[a] Overloads remining after RAS action are mitigated by real-time operational practices, including pre-contingency curtailment.

5.3.2 Scenario 5: 2028 Summer Light High Generation Post-Project

Category B Conditions

Thermal criteria violations observed under certain Category B conditions in the post-Project studies were mitigated by RASs as shown in Table 5-4.

After RAS actions were complete, real-time operational practices are required to fully alleviate certain thermal criteria violations observed on 138 kV transmission lines 472L/704L/703L and 144 kV transmission lines 7L760 and 7L132.

Table 5-4: Post-RAS Power Flow Study Results for Scenario 5

Contingency (System Element Lost)	Details of Violation (Violation Observed On)	Seasonal Continuous Rating (MVA)	Short-term (Emergency) Rating (MVA)	Post-Project Results		Post-RAS Action Results	
				Power Flow (MVA)	% Loading	Power Flow (MVA)	% Loading
9L27 (Paintearth Creek 863S to Cordel 755S)	472L (Hughenden 213S to Sunken Lake 221S Tap)	84.0	92.0	97.0	115.5	80.2	95.5
	7L760 (Oyen 767S to Bindloss 914S Tap)	110.2	122.7	114.8	104.2	109.5	99.4

Contingency (System Element Lost)	Details of Violation (Violation Observed On)	Seasonal Continuous Rating (MVA)	Short-term (Emergency) Rating (MVA)	Post-Project Results		Post-RAS Action Results	
				Power Flow (MVA)	% Loading	Power Flow (MVA)	% Loading
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138.0	115.9	103.4	110.5	98.6
1060L (Paintearth 863S to P2555 Switching sub)	472L (Hughenden 213S to Sunken Lake 221S Tap)	84.0	92.0	97.4	116.0	80.6	96.0
	7L760 (Oyen 767S to Bindloss 914S Tap)	110.2	122.7	114.9	104.3	109.6	99.5
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138.0	116.0	103.5	110.6	98.7
953L (Nilren 574S to Cordel 755S)	408L (Jarrow 252S to Wainwright 297S)	75.0	83.0	75.8	101.1	45.8	61.1
	702L (Hardisty 377S to Sedgewick 137S)	87.0	96.0	89.8	103.2	54.0	62.1
	704L (Wainwright 51S to Tucuman 478S)	75.0	83.0	92.1	122.8	61.8	82.4
	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	114.3	103.7	92.8	84.2
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138.0	115.1	102.7	93.9	83.8
1047L (Hansman Lake 650S to Nilrem 574S)	703L (Hardisty 377S to HRT Express Tap)	96.0	133.0	120.4	125.4	100.1	104.3[a]
	472L (Metiskow 648S to 472AL)	121.0	133.0	142.8	118.0	121.7	100.6[a]
	703L (Hughenden 213S to HRT Express Tap)	121.0	133.0	123.1	101.7	102.7	84.9
	472L (Hughenden 213S to Sunken Lake 221S Tap)	84.0	92.0	133.3	158.7	112.6	134.1[a]
9L24 (Oakland 946s - Lanfine 959s)	472L (Hughenden 213S to 472AL Tap)	84.0	92.0	106.8	127.2	106.8	127.2[a]
	704L (Wainwright 51S to Tucuman 478S)	75.0	83.0	78.1	104.1	78.1	104.1[a]
	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	225.8	204.9	225.8	204.9[a]

Contingency (System Element Lost)	Details of Violation (Violation Observed On)	Seasonal Continuous Rating (MVA)	Short-term (Emergency) Rating (MVA)	Post-Project Results		Post-RAS Action Results	
				Power Flow (MVA)	% Loading	Power Flow (MVA)	% Loading
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138.0	235.6	210.2	235.6	210.2[a]

Notes:
[a] Overloads remining after RAS action are mitigated by real-time operational practices, including pre-contingency curtailment.

5.3.3 Scenario 6: 2028 Winter Peak High Generation Post-Project

Category B Conditions

Thermal criteria violations observed under certain Category B conditions in the post-Project studies were mitigated by RASs as shown in Table 5-5.

After RAS actions were complete, real-time operational practices are required to fully alleviate certain thermal criteria violations observed on 138 kV transmission lines 703L and 472L.

Table 5-5: Post-RAS Power Flow Study Results for Scenario 6

Contingency (System Element Lost)	Details of Violation (Violation Observed On)	Seasonal Continuous Rating (MVA)	Short-term (Emergency) Rating (MVA)	Post-Project Results		Post-RAS Action Results	
				Power Flow (MVA)	% Loading	Power Flow (MVA)	% Loading
966L (Hansman Lake 650S to Pemukan 932S)	7L224 (Hansman Lake 650S to Monitor 774S)	143.8	171.0	190.5	132.5	100.7	70.0
	7L127 (Pemukan 932S to Monitor 774S)	182.1	126.5	220.3	121.0	121.3	66.6
953L (Nilren 574S to Cordel 755S)	704L (Wainwright 51S to Tucuman 478S)	79.0	87.0	94.6	119.7	65.2	82.5
9L24 (Oakland 946s - Lanfine 959s)	7L760 (Oyen 767S to 7LA760 Tap)	146.6	167.7	155.1	105.8	55.1	37.6
	7L132 (Oyen 767S to Lanfine 959S)	140.9	171.5	174.6	123.9	63.3	44.9
1047L (Hansman Lake 650S to Nilrem 574S)	703L (Hardisty 377S to HRT Express Tap)	96.0	143.0	119.0	124.0	107.3	111.8[a]
	472L (Metiskow 648S to 472AL)	150.0	165.0	165.6	110.4	153.8	102.5[a]
	472L (Hughenden 213S to Sunken Lake 221S Tap)	125.0	138.0	129.0	103.2	117.3	93.8

Notes:
[a] Overloads remining after RAS action are mitigated by real-time operational practices, including pre-contingency curtailment.

5.3.4 Scenario 9: 2028 Summer Peak High Generation Post-Project - without CETO (ph1)

Category B Conditions

Thermal criteria violations observed under certain Category B conditions in the post-Project studies were mitigated by RASs as shown in Table 5-6.

After RAS actions were complete, real-time operational practices are required to fully alleviate certain thermal criteria violations observed on 144 kV transmission lines 7L760 and 7L132.

Table 5-6: Post-RAS Power Flow Study Results for Scenario 9

Contingency (System Element Lost)	Details of Violation (Violation Observed On)	Seasonal Continuous Rating (MVA)	Short-term (Emergency) Rating (MVA)	Post-Project Results		Post-RAS Action Results	
				Power Flow (MVA)	% Loading	Power Flow (MVA)	% Loading
912L (Nevis 766S to Red Deer 63S)	174L (Bardo 197S to North Holden 395S)	121.0	133.0	134.2	110.9	117.4	97.0
	7L760 (Oyen 767S to Bindloss 914S Tap)	110.2	122.7	112.0	101.6	104.9	95.2
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138.0	115.0	102.6	108.4	96.7
9L24 (Oakland 946s - Lanfine 959s)	7L760 (Oyen 767S to 7LA760 Tap)	110.2	122.7	174.8	158.6	150.1	136.2[a]
	7L132 (Oyen 767S to Lanfine 959S)	112.1	138.0	186.3	166.2	159.5	142.3[a]

Notes:
[a] Overloads remining after RAS action are mitigated by real-time operational practices, including pre-contingency curtailment.

5.3.5 Scenario 12: 2028 Summer Peak Low Generation Post-Project

Category B Conditions

Thermal criteria violations observed under certain Category B conditions in the post-Project studies were mitigated by RASs as shown in Table 5-7.

After RAS actions were complete, real-time operational practices are required to fully alleviate certain thermal criteria violations observed on 144 kV transmission line 7L224 and 138 kV transmission lines 703L/472L.

Table 5-7: Post-RAS Power Flow Study Results for Scenario 12

Contingency (System Element Lost)	Details of Violation (Violation Observed On)	Seasonal Continuous Rating (MVA)	Short-term (Emergency) Rating (MVA)	Post-Project Results		Post-RAS Action Results	
				Power Flow (MVA)	% Loading	Power Flow (MVA)	% Loading
966L (Hansman Lake 650S to Pemukan 932S)	7L224 (Hansman Lake 650S to Monitor 774S)	108.3	125.0	152.7	141.0	115.0	106.2[a]
	7L127 (Pemukan 932S to Monitor 774S)	144.7	126.5	177.0	122.3	133.4	92.2
715L (Hansman Lake 650S to Provost 545S)	749AL (749AL Tap to 749AAL Tap)	120.9	133.0	151.1	125.0	49.8	41.2
1047L (Hansman Lake 650S to Nilrem 574S)	703L (Hardisty 377S to HRT Express Tap)	96.0	133.0	131.9	137.4	131.9	137.4[a,b]
	472L (Metiskow 648S to 472AL)	121.0	133.0	170.6	141.0	170.6	141.0[a,b]
	703L (Hughenden 213S to HRT Express Tap)	121.0	133.0	135.2	111.7	135.2	111.7 [a,b]
	472L (Hughenden 213S to Sunken Lake 221S Tap)	84.0	92.0	139.9	166.6	139.9	166.6 [a,b]

Notes:
[a] Overloads remining after RAS action are mitigated by real-time operational practices, including pre-contingency curtailment.
[b] The generation to be tripped by RAS238 is already offline at base case.

5.4 Constraint Effective Factor Studies

Constraint effective factor studies were conducted for all post-Project scenarios. The constraint effective factors were calculated for all Category A and Category B conditions when the loadings of the monitored transmission elements in the Study Area exceeded 100% (i.e., for all of the contingencies that resulted in thermal criteria violations). The results of the constraint effective factor studies are provided in Attachment A8.

Attachment A1
Engineering Connection Assessment: Study Scope

Study Scope

P2566 Eastervale Solar Battery

Eastervale Solar Inc.

Date: Nov. 20, 2023

Version: V1

Classification: Public

Company Name	Name and Credentials	Date	Signature
AltaLink LP (Study Consultant)	Carl Wang, P. Eng.	2023-12-11	
AESO	Omid Ghoreishi, P. Eng.	2023-12-12	
Eastervale Solar Inc.	Margaret McKenna	2023-12-12	
AltaLink (Transmission Facility Owner)	Michelle Lemieux	Dec. 11, 2023	

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Attachments

Attachment A: Transmission Planning Criteria – Basis and Assumptions

1 Introduction

This Study Scope provides an overview of the engineering studies to be completed by AltaLink LP (the Studies Consultant) to assess the impact of the Project (as defined in section 1.1) on the performance of the Alberta interconnected electric system (AIES). Technical criteria, assumptions and methods for performing these engineering studies are provided in this document.

1.1 Project Overview

Project overview is provided in Table 1-.

Table 1-1: Project Overview

Market Participant	Type of Project	In-service Date (ISD)
Eastervale Solar Inc.	Connection	March 1, 2025

Load and generation components of the Project are listed in Table 1-2.

Table 1-2: Project Load and Generation Details

Project Component		Description
Generation	Generation type	Solar
	Existing Rate STS, *Supply Transmission Service,* contract capacity	0 MW
	Requested Rate STS	300 MW
	Number and size of generating units	Not Available
	Maximum authorized real power (MARP)	300 MW
	Maximum capability (MC)	300 MW
	Reactive power capability	0.95 pf absorbing
		0.9 pf producing
	Future generation expansion plans	No
Load	Existing Rate DTS, *Demand Transmission Service,* contract capacity	0 MW
	Requested Rate DTS	200 MW
	Type	Battery Storage
	Motors (number and size)	None
	Power factor	0.9 pf

Project Component		Description
	Future load expansion plans	No

Note:

MARP and MC are defined in the AESO's *Consolidated Authoritative Document Glossary*, which can be found on the AESO's website.

1.2 Existing System Overview

1.2.1 Study Area

Geographically, the Project is located in the AESO planning area of Provost, Area 37.

The Study Area consists of the AESO planning areas of Hanna (Area 42), Lloydminster (Area 13), Wainwright (Area 32), Vegreville (Area 56), Provost (Area 37), Battle River (Area 36), including the tie lines connecting these planning areas to the rest of the AIES.

The existing transmission system in the Study Area is shown in Figure 1-1.

1.2.2 Existing Constraints

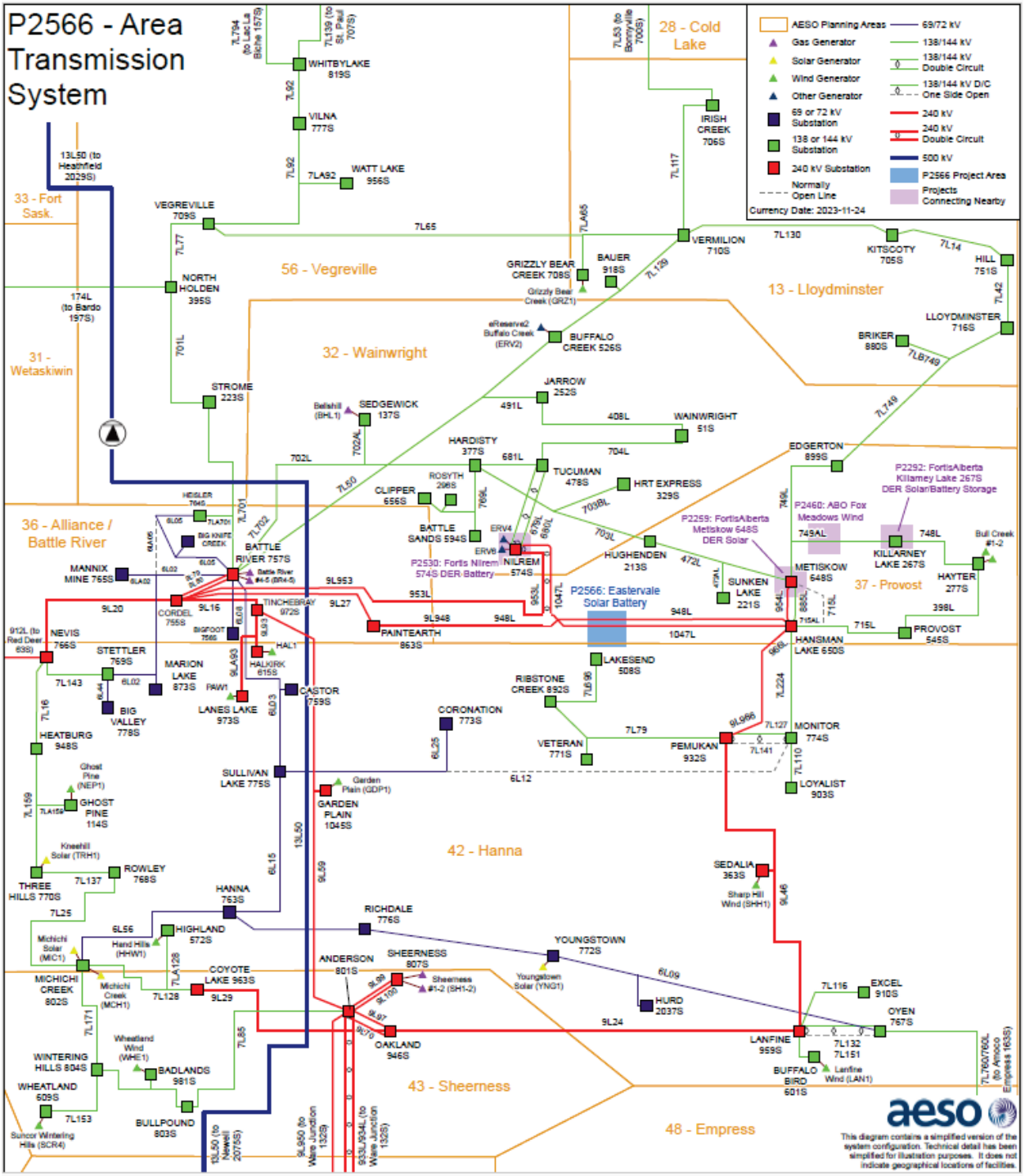
Existing constraints in the Study Area are managed in accordance with the procedures set out in Section 302.1 of the ISO rules, *Real Time Transmission Constraint Management* (TCM Rule).

There are a number of constraints in the Study Area that are mitigated by existing remedial action schemes (RASs) and/or other protection schemes.

The following existing RASs and/or other protection schemes are used to manage constraints in the area:

Figure 1-1

Figure 1-1: Transmission System in the Study Area



2 Connection Alternative to be Studied

The following alternative is to be studied:

2.1 Alternative 3 – T-Tap Connection to 240kV Line 1047L

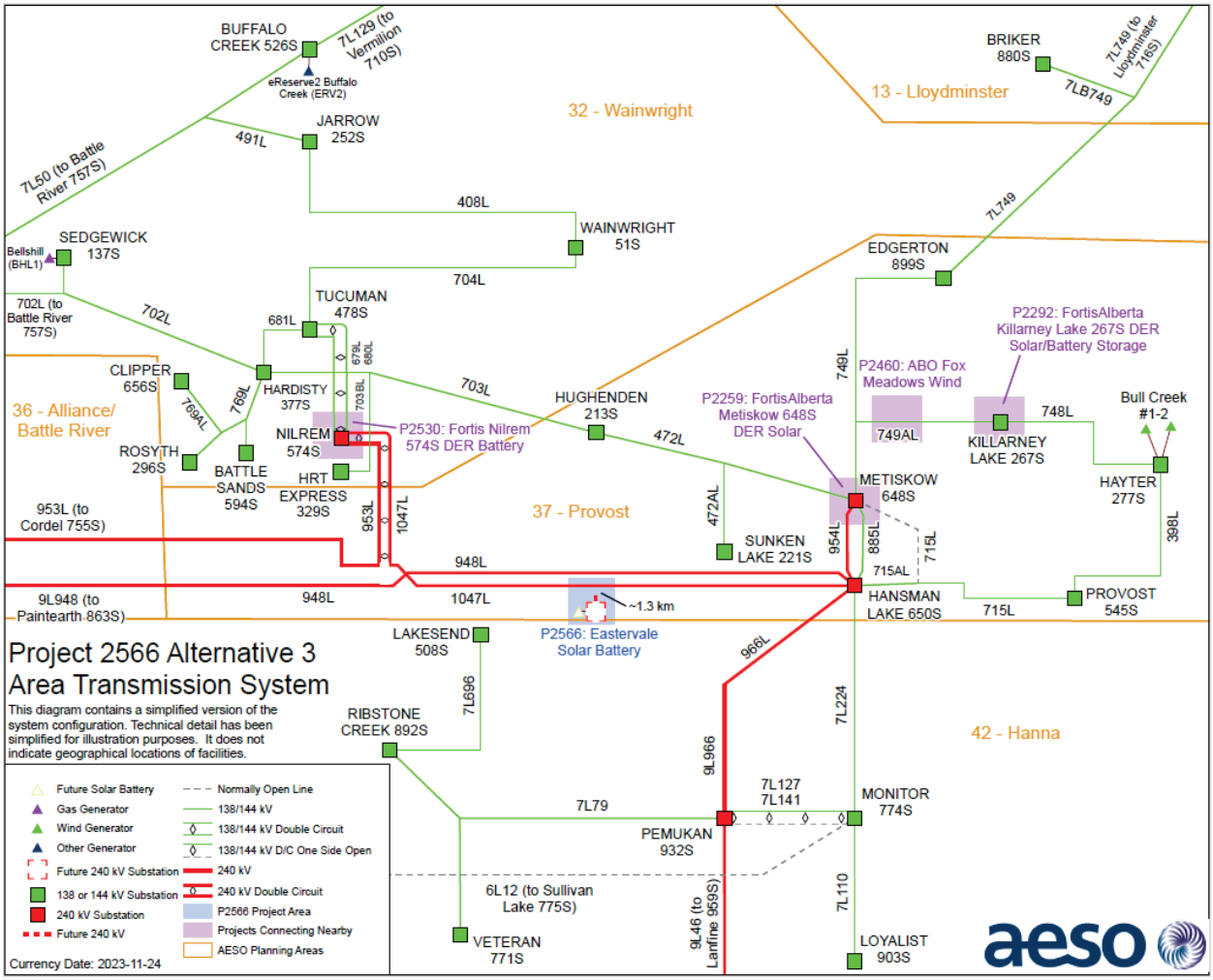
This alternative included the following developments:

- Add a 240 kV circuit, approximately 1.3 kilometers[1] in length, to connect the Facility to the existing transmission line 1047L (between Nilrem 574S - Hansman Lake 650S) using a T-tap connection configuration; and
- Add or modify associated equipment as required for the above transmission developments.

The proposed connection configuration is shown in Figure 2-1

[1] Exact line length to be determined by the TFO.

Figure 2-1: Connection Alternative 3



3 Criteria, Standards and Requirements

3.1 AESO Reliability Criteria

The Transmission Planning (TPL) Standards, which are included in the Alberta Reliability Standards, and *Transmission Planning Criteria – Basis and Assumptions (see Attachment A),* (collectively, the Reliability Criteria) will be applied to evaluate system performance under Category A system conditions (i.e., all elements in-service) and following Category B contingencies (i.e., single element outage), prior to and following the studied alternatives. Below is a summary of Category A and Category B system conditions.

Category A, often referred to as the N-0 condition, represents a normal system with no contingencies and all facilities in service. Under this condition, the system must be able to supply all firm load and firm transfers to other areas. All equipment must operate within its applicable rating, voltages must be within their applicable range, and the system must be stable with no cascading outages.

Category B events, often referred to as an N-1 or N-G-1 with the most critical generator out of service, result in the loss of any single specified system element under specified fault conditions with normal clearing. These elements are a generator, a transmission circuit, a transformer, or a single pole of a DC transmission line. The acceptable impact on the system is the same as Category A. Planned or controlled interruptions of electric supply to radial customers or some local network customers, connected to or supplied by the faulted element or by the affected area, may occur in certain areas without impacting the overall reliability of the interconnected transmission systems. To prepare for the next contingency, system adjustments are permitted, including curtailments of contracted firm (non-recallable reserved) transmission service electric power transfers.

The TPL standards, TPL-001-AB-0 and TPL-002-AB1-0 have referenced Applicable Ratings when specifying the required system performance under Category A and Category B events. For the purpose of applying the TPL standards to the studies documented in this report, Applicable Ratings are defined as follows:

- Normal thermal rating of the line's loading limits for each season;
- The highest specified loading limits for transformers;
- For Category A conditions: Voltage range under normal operating condition per AESO Information Document #2010-007RS, *General Operating Practices – Voltage Control* (ID #2010-007RS). For the busses not listed in ID #2010-007RS, Table 2-1 in the *Transmission Planning Criteria – Basis and Assumptions* applies;
- For Category B and Category C5 conditions: The extreme voltage range values per Table 2-1 in the *Transmission Planning Criteria – Basis and Assumptions; and*
- Desired post-contingency voltage deviation limits for three defined post-event timeframes as provided in Table 3-1.

Table 3-1: Post-Contingency Voltage Deviation Guidelines for Low Voltage Busses

Parameter and reference point	Time Period		
	Post Transient (up to 30 sec)	Post Auto Control (30 sec to 5 min)	Post Manual Control (Steady State)
Voltage deviation from steady state at point of delivery (POD) low voltage bus.	±10%	±7%	±5%

3.2 ISO Rules and Information Documents

ID #2010-007RS will be used to establish system normal (i.e., pre-contingency) voltage profiles for the Study Area.

The TCM Rule will be followed to set up the study scenarios and assess the impact of the Project. In addition, due regard will be given to the following:

- The AESO's *Connection Study Requirements*;
- Section 502.1 of the ISO rules, *Aggregated Generating Facilities Technical Requirements*;
- Section 502.16 of the ISO rules, *Aggregated Generating Facilities Operating Requirements*;
- Section 502.5 of the ISO rules *Generating Unit Technical Requirements*;
- Section 502.6 of the ISO rules *Generating Unit Operating Requirements*;

4 Scenarios and Assumptions

4.1 Scenarios

The following section describes the scenarios to be studied and the assumptions to be used in the studies.

Connection scenarios must be studied as outlined in Table 4-1.

Table 4-1: Connection Study Scenarios

Scenario No.	Year/Season	System Generation Dispatch Conditions	Scenario Name	Project Load (MW)	Project Generation (MW)
STS Study - Pre-Project-HG					
1	2028 Summer Peak HG (2028 SP)	High Generation (HG)	2028 SP Pre-Project-HG	0	0
2	2028 Summer Light HG (2028 SL)		2028 SL Pre-Project-HG	0	0
3	2028 Winter Peak HG (2028 WP)		2028 WP Pre-Project-HG	0	0
STS Study - Post-Project-HG					
4	2028 SP HG	HG	2028 SP Post -Project-HG	0	300
5	2028 SL HG		2028 SL Post -Project-HG	0	300
6	2028 WP HG		2028 WP Post -Project-HG	0	300
7	2033 WP HG	All study area generation in-service	2033 WP Post-Project- HG	0	300
STS Study - Pre-Project-HG – Sensitivity – Without CETO (ph1)					
8	2028 SP HG	HG	2028 SP Pre-Project-HG Sensitivity	0	0
STS Study - Post-Project-HG – Sensitivity – Without CETO (ph1)					
9	2028 SP HG	HG	2028 SP Post -Project-HG Sensitivity	0	300
DTS Study - Pre-Project-LG					
10	2028 SP LG	LG, N-G in the study area	2028 SP Pre-Project-LG	0	0
11	2028 WP LG		2028 WP Pre-Project-LG	0	0
DTS Study - Post-Project-LG					
12	2028 SP LG	LG, N-G in the study area	2028 SP Post-Project-LG	200	0
13	2028 WP LG		2028 WP Post-Project-LG	200	0

4.2 Assumptions

4.2.1 System Project Assumptions

Table 4-2 lists the system transmission projects that will be included in the studies.

Table 4-2: Planned System Transmission Projects that may be Included in the Studies

AESO Project No.	Project Name/Description	Scheduled ISD	AUC NID Decision No.
CETO (ph1)[1]	Central East Transfer-out Transmission Development	2026	25469-D01-2021

[1] The CETO Transmission Development phase 1 is considered in the study. Phase 1 includes one 240-kilovolt (kV) circuit between the Tinchebray 972S and Gaetz 87S substations.

4.2.2 Load Assumptions

Load forecast to be used for the studies is shown in Table 4-3 and is a forecast for the AESO Central Cluster based on the AESO's 2023 Long-term Outlook (2023 LTO).

Table 4-3: Forecast Load in Central Cluster

AESO Planning Region Name	Forecast Peak Load by Year/Season (MW)				
	2028 SP High Generation (HG)	2028 SL HG	2028 WP HG	2028 SP Low Generation (LG)	2028 WP LG
Central Planning Region [1]	1,848	1,736	2,081	1904	2,146
AIES	11,106	9,709	11,534	11,248	11,988

Note:
[1] The Central Region comprises the following AESO planning areas: Lloydminster (Area 13), Cold Lake (Area 28), Hinton/Edson (Area 29), Drayton Valley (Area 30), Wainwright (Area 32), Abraham Lake (Area 34), Red Deer (Area 35), Alliance/Battle River (Area 36), Provost (Area 37), Caroline (Area 38), Didsbury (Area 39), Hanna (Area 42) and Vegreville (Area 56).

4.2.3 Generation Assumptions

The generation forecast to be used for the studies is based on the 2023 LTO with modifications to incorporate the latest forecast intelligence. The generation assumptions for the studies will assume high Central generation dispatch for STS studies and low Central generation for DTS studies. For DTS studies, Battle River #5 (BR5) shall be made offline to simulate the N-G condition in study scenarios.

The existing generation (excluding wind and solar) dispatch conditions for the study scenarios are described in Table 4-.

Table 4-4: Existing Generation (excluding Wind and Solar) Dispatch Conditions

Facility Name	Unit No.	Bus No.	MC (MW)	AESO Planning Area No.	Unit Net Generation[a] (MW) by Scenario				
					2028 SP HG	2028 SL HG	2028 WP HG	2028 SP LG	2028 WP LG
Battle River #4 (BR4)	4	1496	155	36	31	31	31	31	31
Battle River #5 (BR5)	G5	1497	385	36	94.8	94.8	94.8	94.8	94.8
Sheerness #1 (SH1)	G1	1482	400	43	140	140	140	140	140
Sheerness #2 (SH2)	G2	1487	390	43	140	140	140	140	140

Notes:
[a] "Unit Net Generation" refers to gross generating unit output (MW) less unit service load.

The wind and solar generation facilities will be dispatched to yield the credible worst-case generation dispatches for the Central Cluster. Pre- and post-Project dispatch levels for the existing and planned[2] wind and solar generation facilities for the Southeast Cluster are shown in Table 4-5 and Table 4-6.

Table 4-5: Dispatch Conditions for Existing and Planned Wind Generation Facilities

Project Name	AESO Planning Area No.	Bus No.	MC (MW)	2028 SP HG	2028 SL HG	2028 WP HG	2028 SP LG	2028 WP LG
Fortis Bull Creek Phases 1 and 2 (BUL1 & BUL2)	37	550003	29	10	2.9	10.2	9	0.1
		550004		11	5	13.7	12	0.4
Garden Plain (GDP1)	42	565002	130	130	85.3	130	25	4.1
Ghost Pine (NEP1)	42	2621	82	15	3.6	14.8	1	0.5
		2622		15	3.6	14.8	1	0.5
		2623		11	2.7	11.1	1	0.3
		2624		15	3.6	14.8	1	0.5
		2625		19	4.5	18.5	1	0.6
Grizzly Bear Creek (GRZ1)	13	67308	152	45	29.9	45	9	1.4
Halkirk (HAL1)	42	66435	150	69	53.9	70.2	22	0.3
		67435		72	56.1	73	23	0.3
Hand Hills (HHW1)	42	560045	145	115	57.1	92	11	7.6
Lanfine Wind (LAN1)	42	60996	151	138	103	145	61	7.5
EDPR Sharp Hills Wind Farm	42	60831	248.4	196	121.5	195.6	88	17

[2] Planned generation refers to the projects which met have met the AESO's project inclusion criteria.

		60832		92	57.2	92.1	42	8
Paintearth Wind Power / Paintearth Wind Power Phase 2	42	61418	99	99	99	99	31	4.8
		62418	99	91	46.9	91	8	1.3
Lone Pine MPC Wind	42	561103	466	212	158.9	233	94	11.5
		561104		212	158.9	233	94	11.5
RESC Oyen MPC Wind	42	560032	250	250	192	250	52	7.9
Capital Power Halkirk 2 Wind	36	60467	150	141	110	143.2	44	0.6
ABO Fox Meadows Wind	37	560039	150	106	47	128.5	107	3.9
CP Rolling Hills MPC Wind	37	560235	190	135	59.5	162.7	136	5
BluEarth Prairie Yarrow MPC Wind	37	560273	222	53	23.5	64.2	54	2

Notes:
[a] "Unit Net Generation" refers to gross generating unit output (MW) less unit service load.

Table 4-6: Dispatch Conditions for Existing and Planned Solar Generation Facilities

Project Name	AESO Planning Area No.	Bus No.	MC (MW)	2028 SP HG	2028 SL HG	2028 WP HG	2028 SP LG	2028 WP LG
Empress Solar Park (EMP1)	39	4366	39	18	17.7	9.7	18	0
		4266		13	12.8	7	13	0
Innisfail (INF1)	39	557120	22	8	7.7	6.2	13	0
Kneehill Solar (TRH1)	42	19433	25	0	0	0	21	0
		552433						
Michichi Creek (MCH1)	42	557448	13.5	11	0	5.9	12	0
Michichi Solar (MIC1)	42	554448	25	25	25	10.9	23	0
Youngstown Solar (YNG1)	42	19476	6	5	4.8	2.6	5	0
ATCO Michichi DER Solar	42	552448	75	19	22	16.4	20	0
		553448		22	22	16.4	23	0
		552450		16	11.3	0	19	0
ATCO Vilna 777S DER Solar	56	19357	5	0	0	0	0	0
RESC Big Sky Solar	56	560051	140	0	0	60.2	112	0
ATCO Oyen 767S DER Solar	42	19474	15	12	12.1	6.5	13	0
FortisAlberta Metiskow 648S DER Solar	37	557074	22.5	11	18.4	8.7	14	0
Phoenix MPC Solar	35	560362	299	72	119.7	56.6	92	0
		560365		72	119.7	56.6	92	0
Cache Rising Sun MPC Solar	37	562046	125	98	97.7	53.7	100	0
Kneehill MPC Solar	42	560106	450	176	175.9	96.7	180	0
		560103		176	175.9	96.7	180	0
Dolcy Solar Battery	37	567158	200	32	53.4	25.2	41	0

		567157		32	53.4	25.2	41	0
		567156		32	53.4	25.2	41	0
Fortis Aura Provost DER Solar	37	4086	22.5	11	18	8.5	14	0
UK Solar East MPC	42	561042	401	156	156.8	89.1	161	0
		562042		156	156.8	89.1	161	0
Sundre 575S DER Solar	38	4107	14.6	12	12.1	6.5	13	0
Mannix MPC Solar Battery	36	566011	59	0	0	0	36	0
Harvest Sky MPC Solar Battery	42	566013	15	0	0	0	0	0
		566014		0	0	0	0	0
Springbrook MPC Solar	35	568204	300	73	120.1	56.8	93	0
		568207		73	120.1	56.8	93	0
FortisAlberta Killarney Lake 267S DER Solar/Battery Storage	37	4219	22.5	11	18	8.5	14	0
FortisAlberta Joffre 535S DER Solar 1	35	2886	25	0	0	0	0	0
FortisAlberta Joffre 535S DER Solar 2	35	2383	22	0	0	0	0	0
Fortis Moon Lake DER Solar	30	4028	18.4	9	14.7	7	11	0

Notes:
[a] "Unit Net Generation" refers to gross generating unit output (MW) less unit service load.

4.2.4 Intertie Flow Assumptions

The intertie flow assumptions for the Alberta-British Columbia (AB-BC), Alberta-Saskatchewan (AB-SK), and Alberta-Montana (MATL) interties are shown in Table 4-7.

Table 4-7: Intertie Flows for all Study Scenarios

Scenario Name	Import (-) / Export (+) (MW) by Intertie		
	AB-BC	AB-SK	MATL
2028 SL HG	+868	0	+186
2028 SP HG	+851	+150	+186
2028 WP HG	+1091	+151	+186
2028 SP LG	+1130	+150	+186
2028 WP LG	-685	-99	-191

4.2.5 HVDC Power Order Assumptions

The Western Alberta Transmission Line (WATL) and the Eastern Alberta Transmission Line (EATL) are high-voltage direct current (HVDC) transmission lines. The HVDC power order assumptions for the studies will be set to minimize losses for the pre-Project and post-Project study scenarios.

4.2.6 Protection Fault Clearing Times

The transient stability studies will be performed using the actual fault clearing times for the selected contingencies, as provided by the TFO and as shown in Table 4-. Only those contingencies shown in Table 4- will be studied for transient stability studies. If the TFO did not specify the fault clearing times (e.g. for new transmission lines) for a selected contingency, then the studies for that contingency will be performed using the standard fault clearing times that are specified in Table 2-3 of the AESO's *Transmission Planning Criteria – Basis and Assumptions*.

Table 4-8: Protection Fault Clearing Times

Contingency (System Element Lost)	Fault Location	Clearing Times (Cycles)	
		Near End	Far End
749L (Metiskow 648S - JCT. 749L - Killarney Lake 267S)[3]	Killarney lake 267S	9	30
	Metiskow 648S	9	30
	Edgerton 899S	9	30
748L (Killarney Lake 267S - Hayter 277S)	Killarney lake 267S	9	30
	Hayter 277S	9	30
398L (Hayter 277S – Provost 545S)	Hayter 277S	9	30
	Provost 545S	9	30
954L (Metiskow 648S - Hansman Lake 650S)	Metiskow 648S	6	6
	Hansman Lake 650S	6	6
885L (Metiskow 648S - Hansman Lake 650S)	Metiskow 648S	9	30
	Hansman Lake 650S	9	30
1047L (Nilrem 574S - Hansman Lake 650S)	Nilrem 574S	6	6
	Hansman Lake 650S	6	6
948L (Hansman Lake 650S - Paintearth 863S)	Hansman Lake 650S	5	6
	Paintearth 863S	5	6
715AL/715L (Provost 545S – Hansman Lake 650S)	Hansman Lake 650S	9	30
	Provost 545S	9	30
966L/9L966 (Hansman Lake 650S – Pemukan 932S)	Hansman Lake 650S	5	6

[3]The fault clearing time of 60 cycle will be assumed for the second far end.

	Pemukan 932S	5	6
953L/9L953 (Nilrem 574S – Cordel 755S)	Nilrem 574S	6	6
	Cordel 755s	6	6
9L27 (Paintearth 863S – Cordel 755S)	Paintearth 863S	5	6
	Cordel 755S	5	6
9L16 (Cordel 755S – Tinchebray 973S)	Cordel 755S	5	6
	Tinchebray 973S	5	6
9L59 (Tinchebray 973S – Anderson 801S)	Tinchebray 973S	5	6
	Anderson 801S	5	6
9L20 (Nevis 766S – Cordel 755S)	Cordel 755S	5	6
	Nevis 766S	5	6
7L224 (Hansman Lake 650S – JCT. Eyre 558S – Monitor 774S)	Hansman Lake 650S	9	30
	Monitor 774S	9	30
679L (Nilrem 574S – Tucuman 478S)	Nilrem 574S	9	30
	Tucuman 478S	9	30
680L (Nilrem 574S – Tucuman 478S)	Nilrem 574S	9	30
	Tucuman 478S	9	30

4.2.7 Project Dynamic Data

Dynamic data for the Project can be found in Attachment A7.

4.2.8 Voltage Profile Assumption

ID #2010-007RS will be used to establish system normal (i.e., pre-contingency) voltage profiles for key area busses prior to commencing any studies. Table 2-1 of the *Transmission Planning Criteria – Basis and Assumptions* applies for the busses not included in ID #2010-007RS. These voltages will be used to set the voltage profile for the study base cases prior to the power flow studies.

5 Study Methodology

The studies to be performed for this connection assessment are identified in Table 5-1.

Table 5-1: Summary of the Studies to be Performed

Scenario No. and Name		Power Flow		Voltage Stability		Transient Stability		Motor Starting		Short Circuit
		Category		Category		Category		Category		Category A
		A	B	A	B	A	B	A	B	
Pre-Project-HG										
1	2028 SP-HG	X	X			X*	X*			
2	2028 SL-HG	X	X			X*	X*			
3	2028 WP-HG	X	X			X*	X*			X
Post-Project-HG										
4	2028 SP-HG	X	X			X	X			
5	2028 SL-HG	X	X			X	X			
6	2028 WP-HG	X	X			X	X			X
7	2033 WP-HG									X
Pre-Project-Sensitivity-HG										
8	2028 SP-HG	X	X							
Post-Project-Sensitivity-HG										
9	2028 SP-HG	X	X							
Pre-Project-LG										
10	2028 SP-LG	X	X	X*	X*					
11	2028 WP-LG	X	X	X*	X*					
Post-Project-LG										

12	2028 SP-LG	X	X	X	X					
13	2028 WP-LG	X	X	X	X					

* Pre-project transient stability and voltage stability studies will be Only required if post-project studies identify potential performance issues.

For the engineering studies, all transmission facilities 69 kV and above, within the Study Area and the transmission lines connecting these planning areas to neighbouring planning areas will be studied and monitored to assess the impact of the Project on the performance of the AIES, including any violations of the Reliability Criteria (as defined in Section 3.1).

5.1 Study Case Validation

The study will be conducted on the AIES system model using the AESO's planning base cases. The seasonal light/peak scenarios will be studied as required. The base cases will be modified by the AESO to include the corresponding load and generation forecast information. The resulting cases, or seed cases, along with the project IDEVs, will be provided by the AESO to the Studies Consultant. These cases are provided in PSS/E v34 and/or v33 format. Upon request, the AESO can provide RAW and SEQ files. Software used by the Studies Consultant must be able to read and write these file types. Manual adjustments may be required to ensure full alignment with the details outlined in this Study Scope, as described in the process outlined below. The AESO will provide guidance to the Studies Consultant with regard to the setup of the study cases should any questions arise.

The expected process for the creation of acceptable study cases is as follows:

1. The AESO provides seed cases and the appropriate incremental IDEVs to use and any other applicable information required to the Studies Consultant.
2. The Studies Consultant applies the identified IDEVs to the seed cases to create the study cases. The Studies Consultant verifies and makes adjustments as required to ensure the study cases represent the assumptions outlined within the Study Scope.
3. Upon creating the study cases, all the study cases are forwarded to the AESO for approval.
4. The Studies Consultant proceeds with the required engineering studies only after the study cases are approved by the AESO.

5.2 Power Flow Studies

Power flow studies will be performed to identify thermal and voltage criteria violations as per the Reliability Criteria, and any deviations from the limits listed in Table 3-1.

For information purposes, the Studies Consultant must also provide, as a separate file, a list of any transmission elements where the thermal loading exceeds 95% of the element's normal rating under Category A and Category B conditions.

For the Category B power flow studies, the transformer taps and switched shunt reactive compensating devices such as shunt capacitors and reactors will be locked and continuous shunt devices will be enabled.

Voltage deviations at point-of-delivery (POD) low voltage busses will also be assessed for both the pre-Project and post-Project networks by first locking all tap changers and area shunt reactive compensating devices to identify any post-transient voltage deviations above 10%. Second, tap changers will be allowed to move while shunt reactive compensating devices remained locked to determine if any voltage deviations above 7% would occur in the area. Third, all the taps and shunt reactive compensating devices will be allowed to adjust, and voltage deviations above 5% will be reported.

The scenarios to be studied are shown in Table 5-1.

5.2.1 Contingencies to be Studied

Power flow studies will be performed for the Category A and all Category B conditions in the Study Area.

5.3 Voltage Stability Studies

The objective of the voltage stability studies is to determine the ability of the transmission system to maintain voltage stability margin at all busses under Category A and Category B conditions. The power-voltage (PV) curve is a representation of voltage change as a result of increased power transfer between two systems. The incremental transfers will be reported at the collapse point.

Voltage stability studies will be performed for the post-Project scenarios. For load connection projects, the load level modeled in post-Project scenarios is the same as, or higher than, in pre-Project scenarios. Therefore, voltage stability studies for pre-Project scenarios will only be performed if post-Project scenarios show voltage stability criteria violations.

Voltage stability studies will be performed according to the Western Electricity Coordinating Council (WECC) Voltage Stability Assessment Methodology. WECC voltage stability criteria states, for load areas, post-transient voltage stability margin is required for the area modeled at a minimum of 105% of the reference load level for Category A conditions and for Category B conditions. For this standard, the reference load level is the maximum established planned load.

Typically, voltage stability studies are carried out assuming the worst case scenarios in terms of loading. In this connection assessment, the voltage stability studies will be performed by increasing load in the AESO planning areas Lloydminster (Area 13), Wainwright (Area 32), Provost (Area 37), Alliance/Battle River (Area 36), Vegreville (Area 56), and Hanna (Area 42) and increasing generation in AESO Calgary planninga rea (Area 6).

The scenarios and cases to be studied are shown in Table 5-1.

5.3.1 Contingencies to be Studied

Voltage stability studies will be performed for all Category B contingencies in the Study Area. The Category A condition and the five contingencies with the smallest stability margin will be presented in the results.

5.4 Transient Stability Studies

Genesee unit 3 in Wabamun (Area 40) will be used as the reference for the studies.

The report presenting the results of the transient stability studies must provide response plots for several variables, including rotor angle as applicable, and active and reactive power output for the generating units in the study area. The results report must also provide the 500 kV, 240 kV and 138 kV bus voltage levels

for substations near the point of connection. Other busses will be monitored and will be reported as determined by the results. The results report must also provide the key branch active and reactive power flow surrounding the Facility.

Transient stability studies will be performed for the post-Project scenarios as shown in Table 5-1. If any transient stability issues are observed, transient stability analysis will be performed for the corresponding pre-Project scenarios.

5.4.1 Contingencies to be Studied

Transient stability studies will be performed for the contingencies shown in Table 4-.

5.5 Short-Circuit Current Level Studies

A maximum fault level must be provided for the substations in the vicinity of the Project assuming normal system operation with all transmission elements in service and generation dispatched. Three-phase faults and single line-to-ground faults will be simulated. Polar coordinates and per-unit values will be used for reporting the results.

Winter peak scenarios will be used for the short-circuit studies because winter peak scenarios generally produce higher short-circuit current levels than summer peak scenarios.

Estimated maximum three-phase faults and single line-to-ground short-circuit current levels will be reported for the following substations:

- Hunghenden 213S
- Metiskow 648S
- Hansman Lake 650S
- Edgerton 899S
- Provost 545S
- Monitor 774S
- Nilrem 574S
- Tucuman 478S
- Paintearth 863S
- Cordel 755S
- P2566 Facility

Further sensitivity studies, in consultation with the TFO, may be required if the primary short-circuit analysis indicates a potential to exceed or approach the existing fault rating of the transmission facilities.

The scenarios to be studied are as shown in Table 5-1.

6 Mitigation Measures

6.1 Development

Mitigation measures may be required if the post-Project study results identify system performance issues. Mitigation measures for the Project may involve modifying or adding real-time operational practices and/or remedial action schemes (RASs).

The Studies Consultant must notify the AESO of any system performance issues in a timely manner, following which the AESO Studies Engineer may instruct the Studies Consultant as follows:

- Develop tables showing the constraint effective factors[4] for generation or load based on thermal criteria violations that are observed.
- Collaborate with the AESO to propose changes, if any, to the connection alternatives that could remove the requirement for a RAS.
- Collaborate with the AESO to study modifications to existing and/or planned RASs, proposed by the AESO, to ensure the coordination of existing protection schemes with the addition of any proposed protection schemes.
- Collaborate with the AESO to identify and study new RASs, if any, that may be required to ensure system reliability is maintained after connecting the Project to the AIES.

The AESO Studies Engineer will work closely with the Studies Consultant and guide the development and/or modifications of the proposed mitigation measures to ensure system reliability, security and compliance with AESO ID #2018-018T, *Provision of System Access Service and the Connection Process*.

6.2 Evaluation

6.2.1 Post-Mitigation Studies

Studies to evaluate the effectiveness of mitigation measures, if required, will be performed in accordance with the technical criteria, assumptions, and methods provided in this Study Scope and in accordance with further instructions from the AESO.

6.2.2 Constraint Effective Factor Studies

Constraint effective factor analysis are used to determine the generator- and load- constraint effective factors and to identify the most effective generators or loads to manage the thermal criteria violations, if any, that are observed under Category B conditions.

[4] Constraint effective factor studies are performed to determine the generator- and load- constraint effective factors. Constraint effective factors are used to estimate the ability of generators and loads to manage transmission constraints. A generator's or load's constraint effective factor is defined as the change in power flow over a specific transmission line following a change in the generator's energy production or in the load's energy consumption. The greater the constraint effective factor, the more effective a generator or load can be in managing a thermal criteria violation on the specific transmission line.

7 Changes to Study Assumptions

This study will utilize the AESO's planning base cases, which are based on the AESO's current corporate forecast (2021 LTO) with modifications to incorporate the latest forecast intelligence. Sensitivity studies or restudy may be required in the event of revisions to the AESO's corporate forecast, forecast intelligence, or other study assumptions. Additional engineering studies may also be required to assess new connection alternatives, changes to project ISD, or delays in proposed system developments. Any additional or revised study requirements shall be captured in a signed Study Scope Amendment document.

Attachment A: Transmission Planning Criteria – Basis and Assumptions

Transmission Planning Criteria – Basis and Assumptions

Date: July 9, 2019

Version: V1.2

Alberta Electric System Operator

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www.aeso.ca

@theaeso

1. Introduction

This document presents the reliability standards, criteria, and assumptions to be used as the basis for planning the Alberta Transmission System. The criteria, standards and assumptions identified in this document supersede those previously established.

2. Transmission Reliability Standards and Criteria[1]

The AESO applies the following Alberta Reliability Standards to ensure that the transmission system is planned to meet applicable performance requirements under a defined set of system conditions and contingencies. A brief description of each of these standards is given below:

1. **TPL-001-AB-0: System Performance Under Normal Conditions**

   Category A represents a normal system condition with all elements in service (N-0). All equipment must be within its applicable rating, voltages must be within their applicable ratings and the system must be stable with no cascading outages. Under Category A, electric supply to load cannot be interrupted and generating units cannot be removed from service.

2. **TPL-002-AB1-0: System Performance Following Loss of a Single BES Element**

   Category B events result in the loss of any single element (N-1) under specified fault conditions with normal clearing. The specified elements are a generating unit, a transmission circuit, a transformer or a single pole of a direct current transmission line. The acceptable impact on the system is the same as Category A with the exception that radial customers or some local network customers, including loads or generating units, are allowed to be disconnected from the system if they are connected through the faulted element. The loss of opportunity load or opportunity interchanges is allowed. No cascading can occur.

3. **TPL-003-AB-0: System Performance Following Loss of Two or More BES Elements**

   Category C events result in the loss of two or more bulk electric system elements (sequential, N-1-1 or concurrent, N-2) under specified fault conditions and include both normal and delayed fault clearing. All of the system limits for Category A and B events apply with the exception that planned and controlled loss of firm load, firm transfers and/or generation is acceptable provided there is no cascading.

4. **TPL-004-AB-0: System Performance Following Extreme BES Events**

   Category D represents a wide variety of extreme, rare and unpredictable events, which may result in the loss of load and generation in widespread areas. The system may not be able to reach a new stable steady state, which means a blackout is a possible outcome. The AESO needs to evaluate these events, at its discretion, for risks and consequences prior to creating mitigation plans.

5. **FAC-014-AB1-2: Establishing and Communicating System Operating Limits**

   The AESO is required to establish system operating limits where a contingency is not mitigated through construction of transmission facilities

[1] A complete description of the *Alberta Reliability Standards* can be found on the AESO's website: https://www.aeso.ca/rules-standards-and-tariff/alberta-reliability-standards/

2.1 Thermal Loading Criteria

The AESO Thermal Loading Criteria require that the continuous thermal rating of any transmission element is not exceeded under normal and post-contingency operating conditions. Thermal limits are assumed to be 100% of the respective normal summer and winter ratings. Emergency limits are not considered in the planning evaluations.

2.2 Voltage Range and Voltage Stability Criteria

The normal minimum and maximum voltage limits as specified in the following table are used to identify Category A system voltage violations, while the extreme minimum and maximum limits are used to identify Category B and C system violations. Table 2-1 presents the acceptable steady state and contingency state voltage ranges for the AIES. Table 2-2 provides voltage stability criteria used to test the system performance.

Table 2-1: Acceptable Range of Steady State Voltage (kV)

Nominal Voltage	Extreme Minimum	Normal Minimum	Normal Maximum	Extreme Maximum
500	475	500	525	550
240	216	234	252	264
260 (Northeast & Northwest)*	234	247	266	275
144	130	137	151	155
138	124	135	145	150
72	65	68.5	75.5	79
69	62	65.5	72.5	76

Table 2-2: Voltage Stability Criteria

Performance Level	Disturbance (1)(2)(3)(4) Initiated by: Fault of No Fault DC Disturbance	MW Margin (P-V method) (5)(6)(7)	MVAr Margin (V-Q method) (6)(7)
A	Any element such as: One Generator One Circuit One Transformer One Reactive Power Source One DC Monopole	≥5%	Worst Case Scenario(8)
B	Bus Section	≥5%	50% of Margin Requirement in Level A
C	Any combination of two elements such as: A Line and a Generator A Line and a Reactive Power Source Two Generators Two Circuits Two Transformers Two Reactive Power Sources DC Bipole	≥2.5%	50% of Margin Requirement in Level A
D	Any combination of three or more elements such as: Three or More Circuits on ROW Entire Substation Entire Plant Including Switchyard	> 0	> 0

2.3 Transient Stability Analysis Assumptions

Standard fault clearing times as shown in Table 2-3 are used for the new facilities or when the actual clearing times are not available for the existing facilities. Double line-to-ground faults are applied for the Category C5 events with normal clearing times. Single line-to-ground faults are applied for Category C6 to C9 events with delayed clearing times as depicted in Table 2-4 and Table 2-5.

Table 2-3: Fault Clearing Times

Nominal (kV)	Near End (Cycles)	Far End (Cycles)
500	4	5
240	5	6
144/138 with telecommunications	6	8
144/138 without telecommunications	6	30

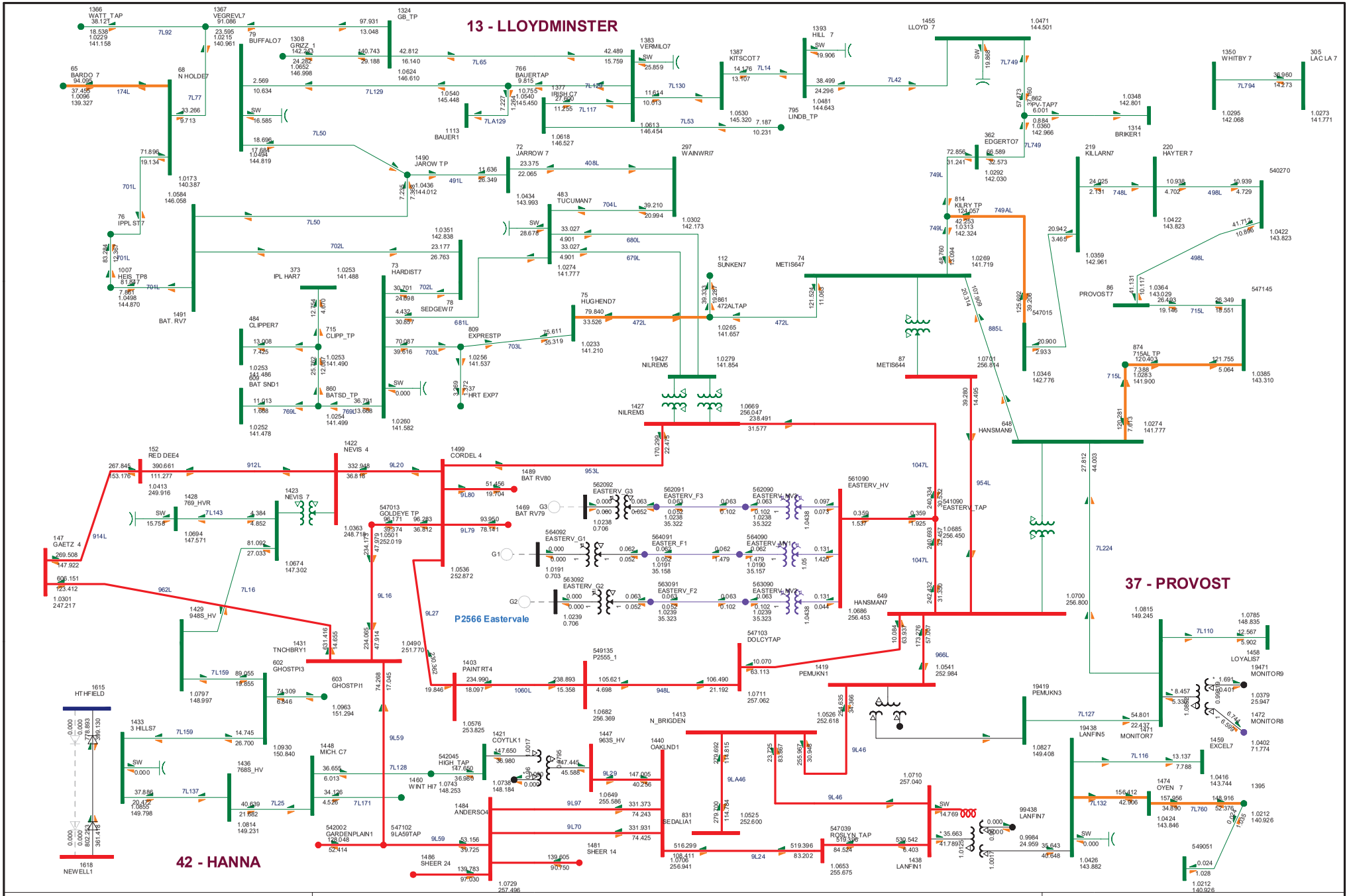
Table 2-4: Stuck Breaker Clearing Times for Lines

Voltage (kV)	Fault Clearing Times (Cycles)		
	Near End	Far End	2nd Ckt (C5 and C7 only)
138/144	15	24	24
240	12	6	14
500	9	5	11

Table 2-5: Stuck Breaker Clearing Times for Transformers

Voltage (kV)	Fault Location	Fault Clearing Times (Cycles)		
		High Side	Low Side	2nd Ckt (breaker fail)
240/138	240 kV side	12	6	14
	138 kV side	5	15	24
500/240	500 kV side	9	5	11
	240 kV side	4	12	14

Attachment A2
Pre-Project Power Flow Diagrams

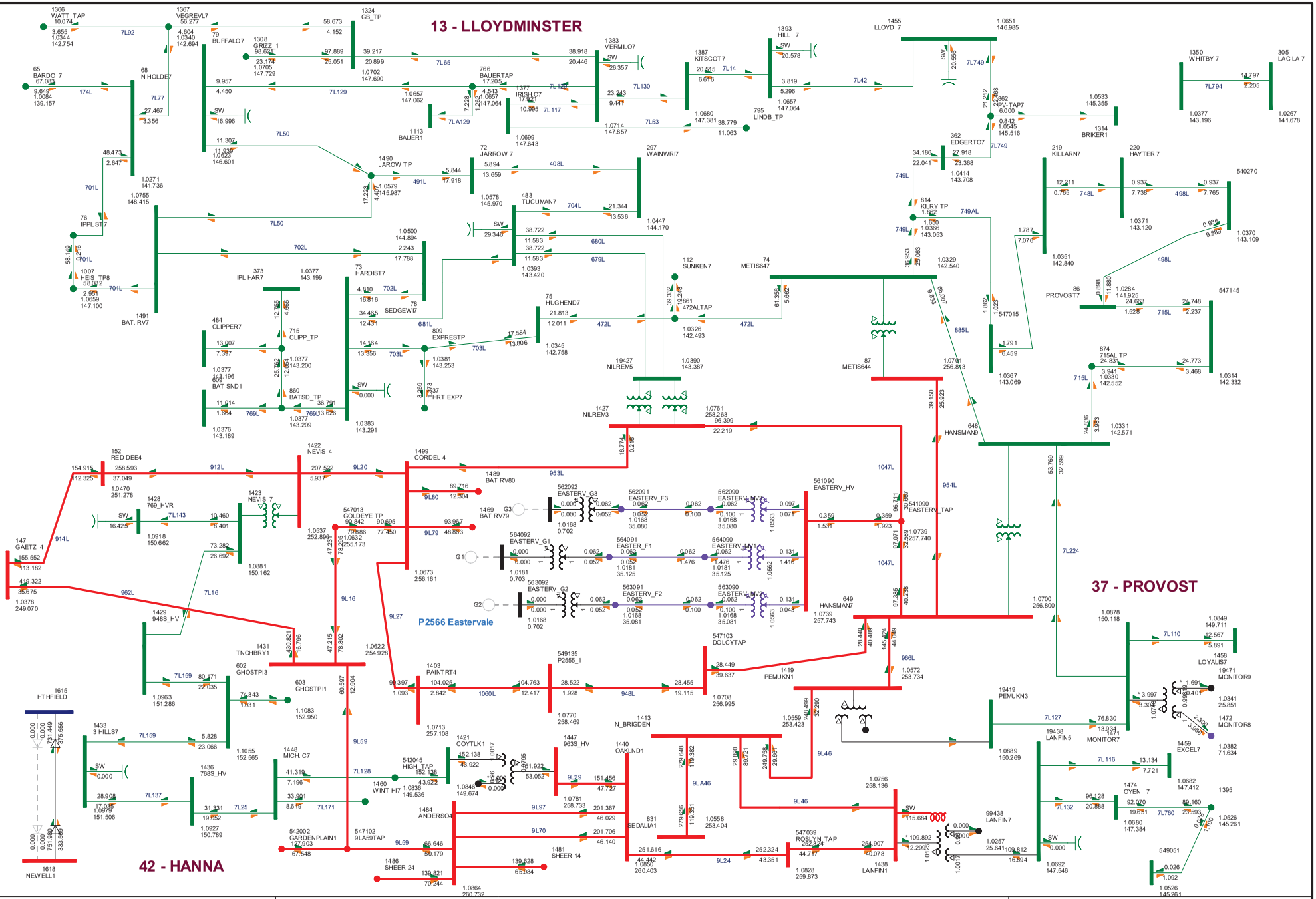


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FIGURE A2.1-0-N-0: NORMAL OPERATION (PRE-CURTAILMENT)
2028 SUMMER PEAK HIGH GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

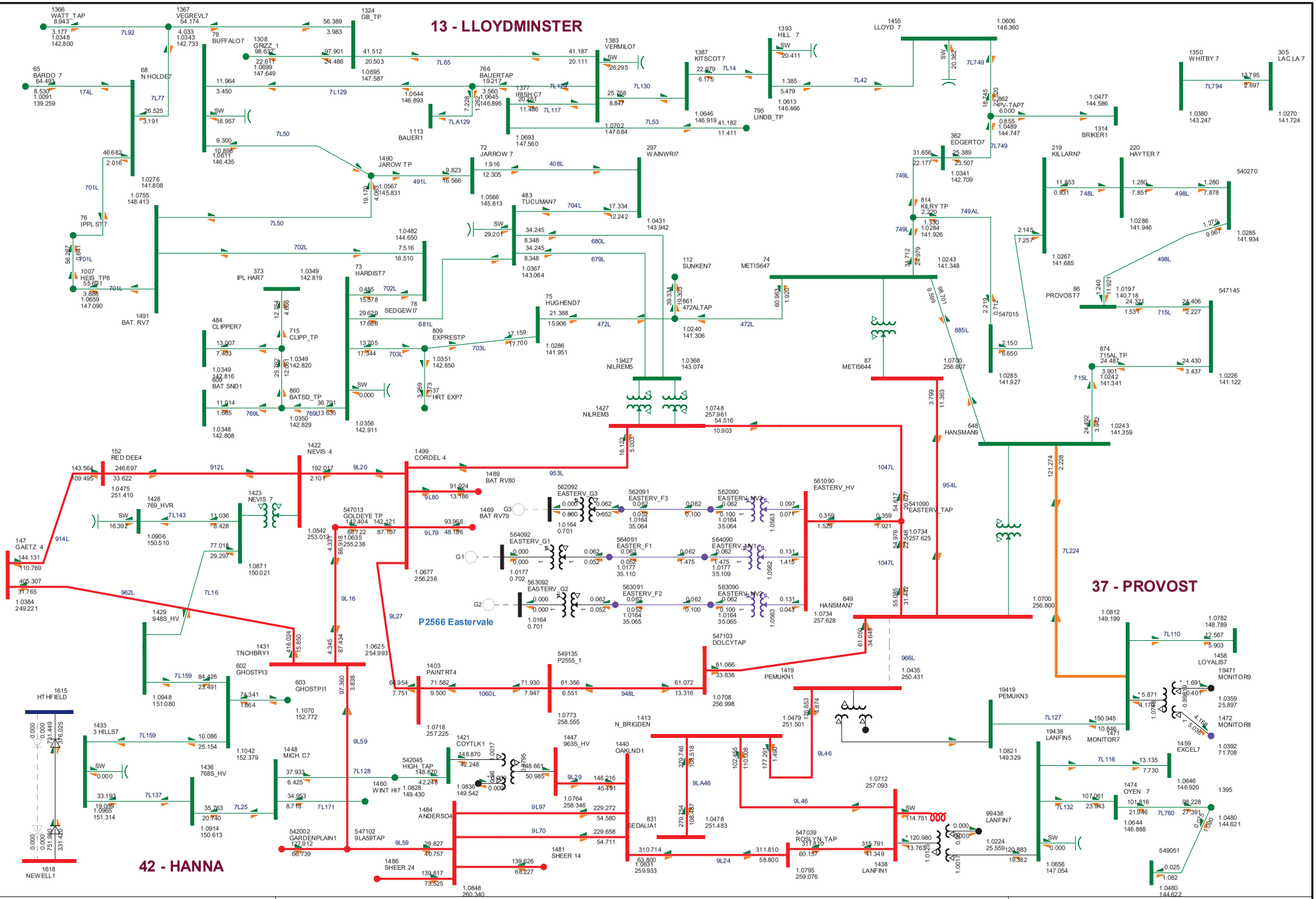


P2566 Eastervale Solar Battery

FIGURE A2.1-1-N-0: NORMAL OPERATION
2028 SUMMER PEAK HIGH GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

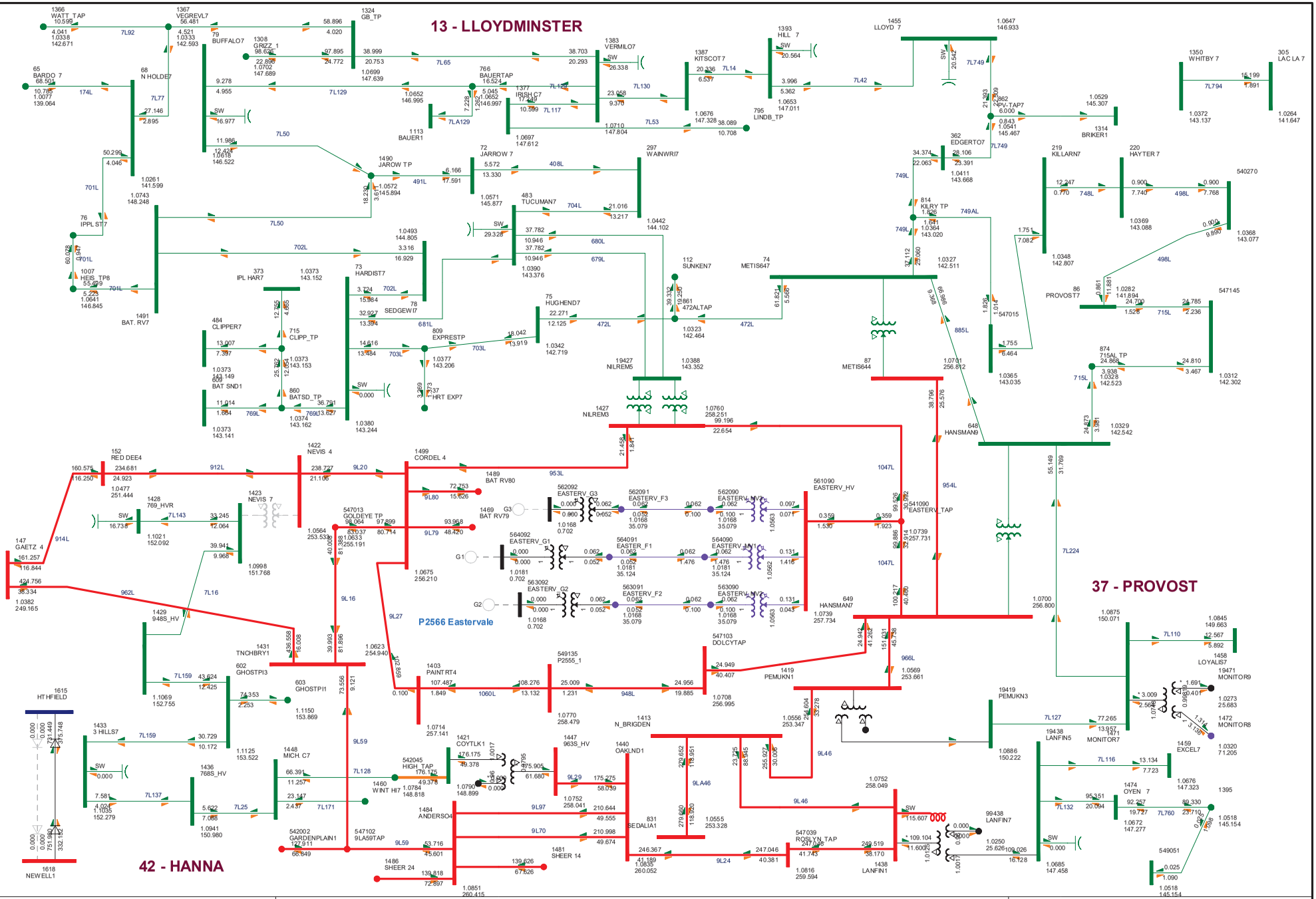


P2566 Eastervale Solar Battery

FIGURE A2.1-2 N-1: 966L (HANSMAN LAKE 650S TO PEMUKAN 932S)
2028 SUMMER PEAK HIGH GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

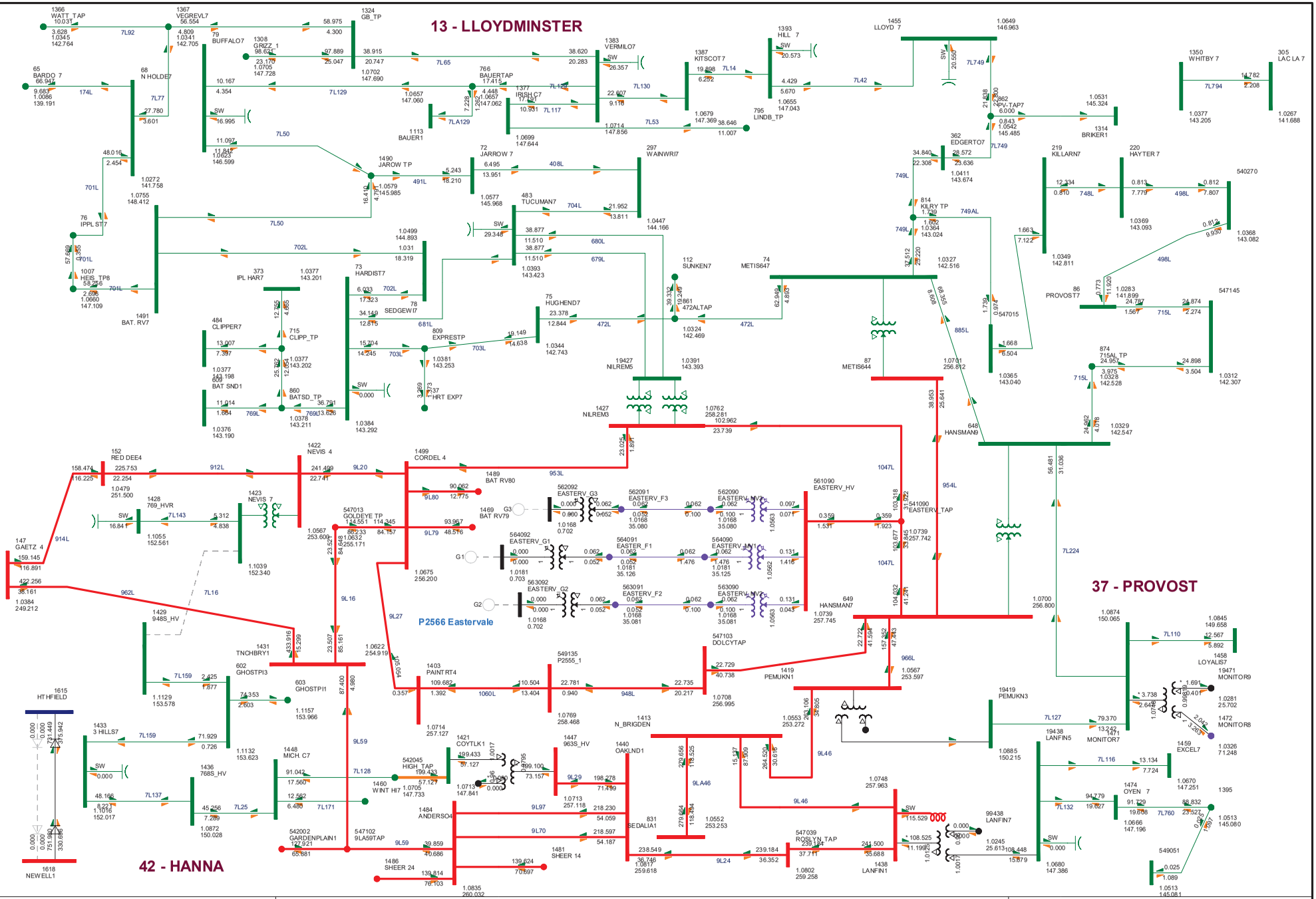


P2566 Eastervale Solar Battery

FIGURE A2.1-3 N-1: 766S T1 (NEVIS 766S 240/138 KV TRANSFORMER)
2028 SUMMER PEAK HIGH GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

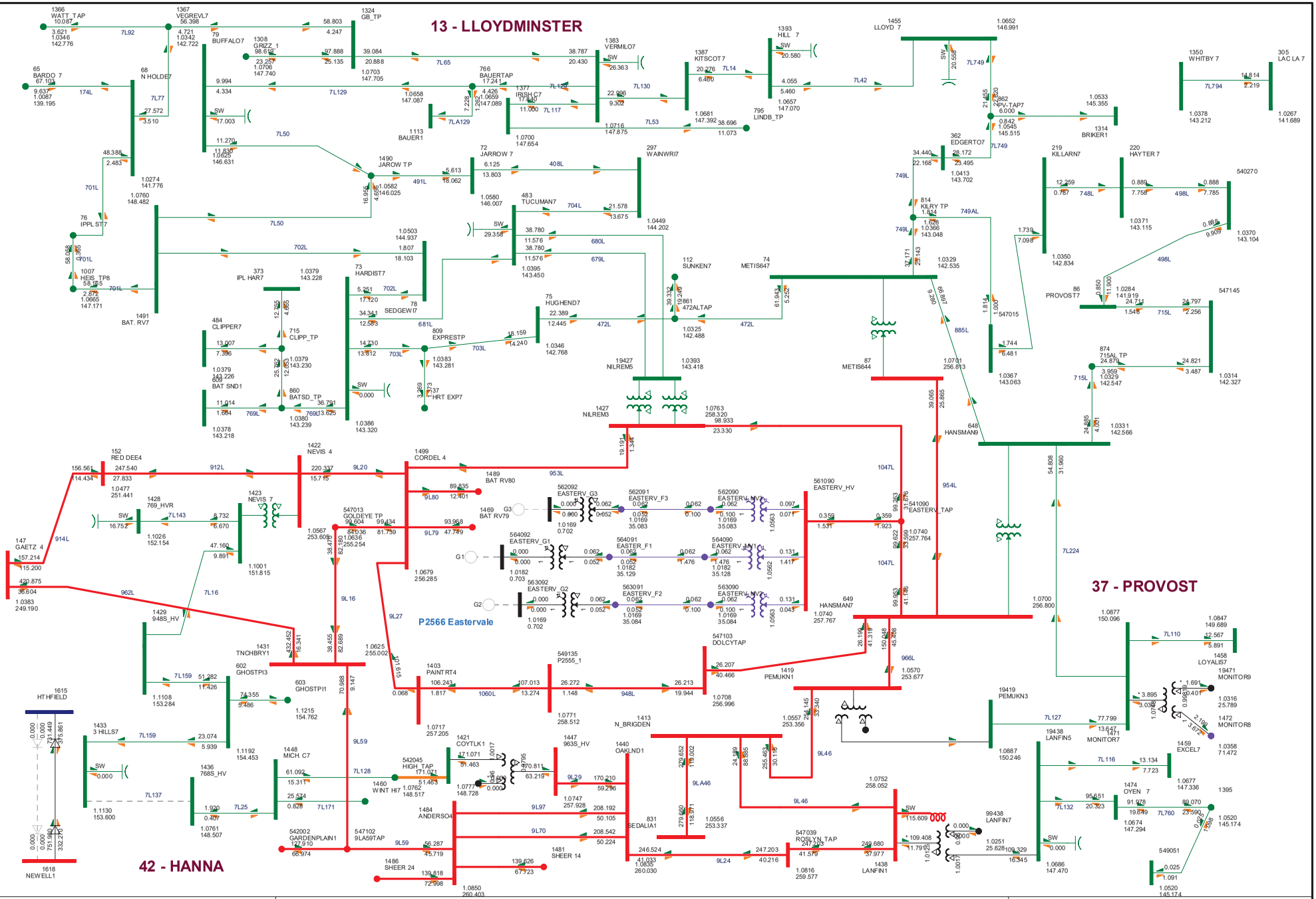


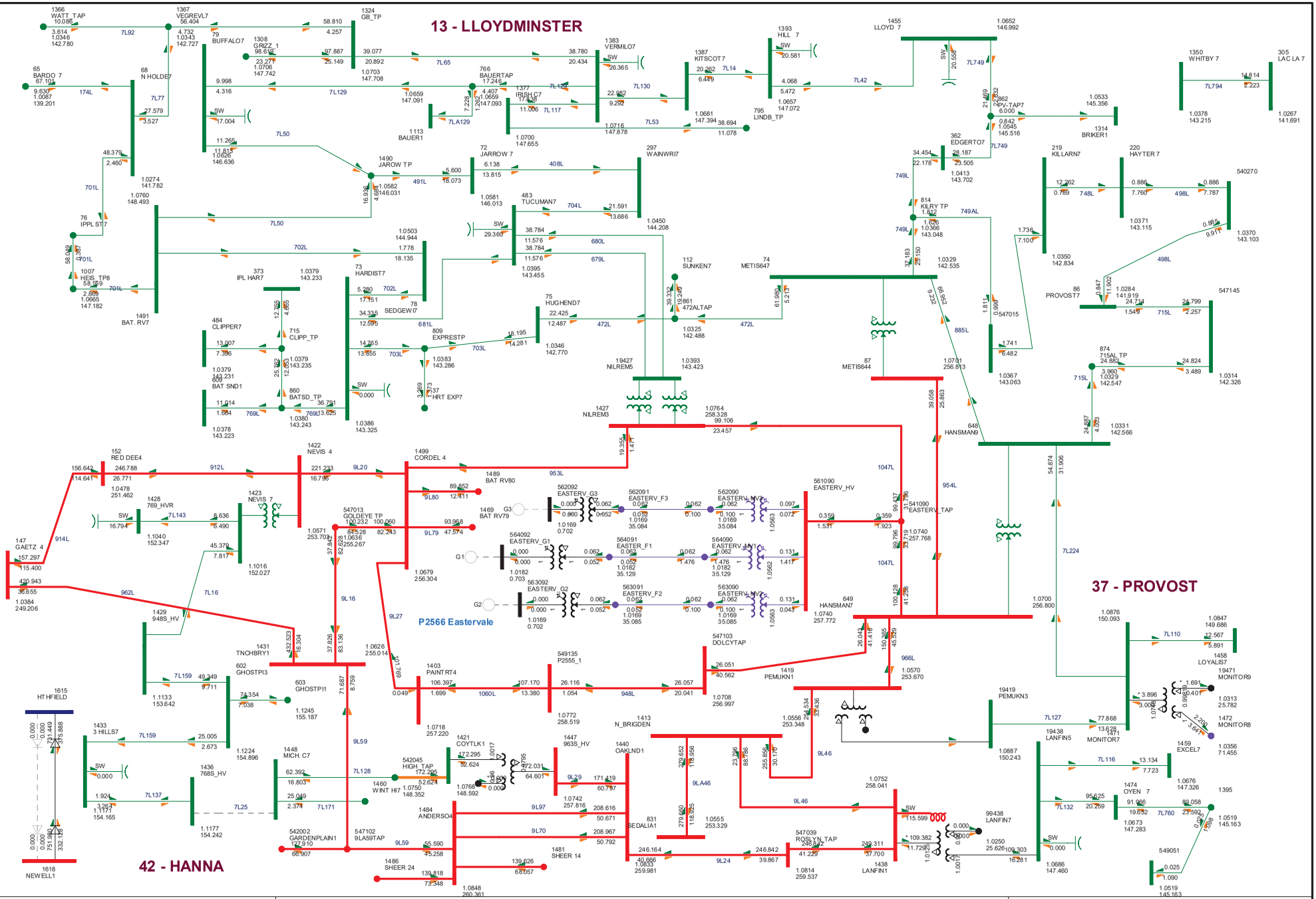
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FIGURE A2.1-4 N-1: 7L16 (NEVIS 766S TO HEATBURG 948S)
2028 SUMMER PEAK HIGH GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000


13 - LLOYDMINSTER
37 - PROVOST
42 - HANNA
P2566 Eastervale
1366 WATT_TAP 10.087
1367 VEGREVL7 56.398
1324 GB_TP
65 BARDO_7 67.103
68 N HOLDE7
1308 GRIZZ_1 98.610
766 BAUERTAP 17.241
1383 VERMILO7
1387 KITSCOT7 20.276
1393 HILL_7 20.580
1455 LLOYD 7
1350 WHITBY 7
305 LAC LA 7
1113 BAUER1
1377 IRISH_C7 17.440
795 LINDB_TP
362 EDGERTO7 28.172
1314 BRIKER1
1533 PV_TAP7 6.000
1490 JAROW TP
72 JARROW 7 6.125
297 WAINWRI7
483 TUCUMAN7
76 IPPL ST7
1007 HEIS_TP8 58.155
1491 BAT. RV7
373 IPL HAR7
73 HARDIST7
78 SEDGEWI7
112 SUNKEN7
74 METIS647
814 KILRY TP 1.814
219 KILLARN7
220 HAYTER 7
540270
86 PROVOST7
547145
547015
484 CLIPPER7
715 CLIPP_TP
809 EXPRESTP
75 HUGHEND7
472ALTAP
874 715AL_TP 24.873
860 BATSD_TP 36.791
HRT EXP7
19427 NILREM5
1427 NILREM3
87 METIS644
648 HANSMAN8
649 HANSMAN7
152 RED DEE4
1422 NEVIS 4
1499 CORDEL 4
1489 BAT RV80
1469 BAT RV79
1423 NEVIS 7
1428 769_HVR
547013 GOLDEYE TP
562092 EASTERV_G3
562091 EASTERV_F3
562090 EASTERV_MV3
561090 EASTERV_HV
541090 EASTERV_TAP
564092 EASTERV_G1
564091 EASTER_F1
564090 EASTERV_MV1
563092 EASTERV_G2
563091 EASTERV_F2
563090 EASTERV_MV2
147 GAETZ 4
1429 948S_HV
1431 TNCHBRY1
602 GHOSTPI3
603 GHOSTPI1
1403 PAINTRT4
549135 P2555_1
547103 DOLCYTAP
1419 PEMUKN1
19419 PEMUKN3
1458 LOYALIS7
19471 MONITOR9
1472 MONITOR8
1459 EXCEL7
1471 MONITOR7
1615 HTHFIELD
1433 3 HILLS7
1436 768S_HV
1448 MICH. C7
1460 WINT HI7
542045 HIGH_TAP
1421 COYTLK1
1447 963S_HV
1440 OAKLND1
1413 N_BRIGDEN
1484 ANDERSO4
831 SEDALIA1
1481 SHEER 14
1486 SHEER 24
542002 GARDENPLAIN1
547102 9LA59TAP
547039 ROSLYN_TAP
1438 LANFIN1
19438 LANFIN5
99438 LANFIN7
1474 OYEN 7
549051
1618 NEWELL1
P2566 Eastervale Solar Battery
FIGURE A2.1-5 N-1: 7L137 (THREE HILLS 770S TO ROWLEY 768S)
2028 SUMMER PEAK HIGH GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024
Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar
kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

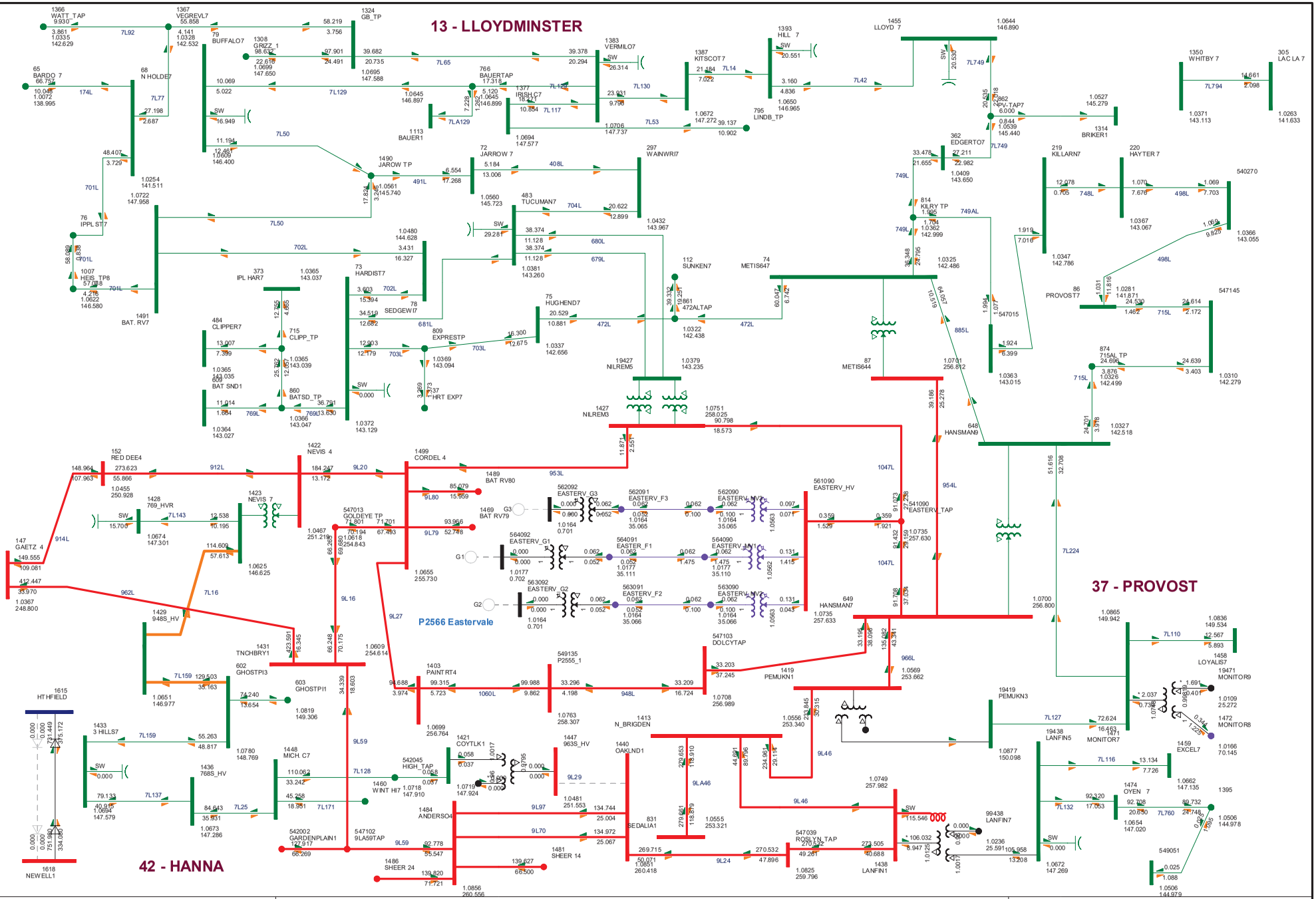


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FIGURE A2.1-6 N-1: 7L25 (ROWLEY 768S TO MICHICHI CREEK 802S)
2028 SUMMER PEAK HIGH GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

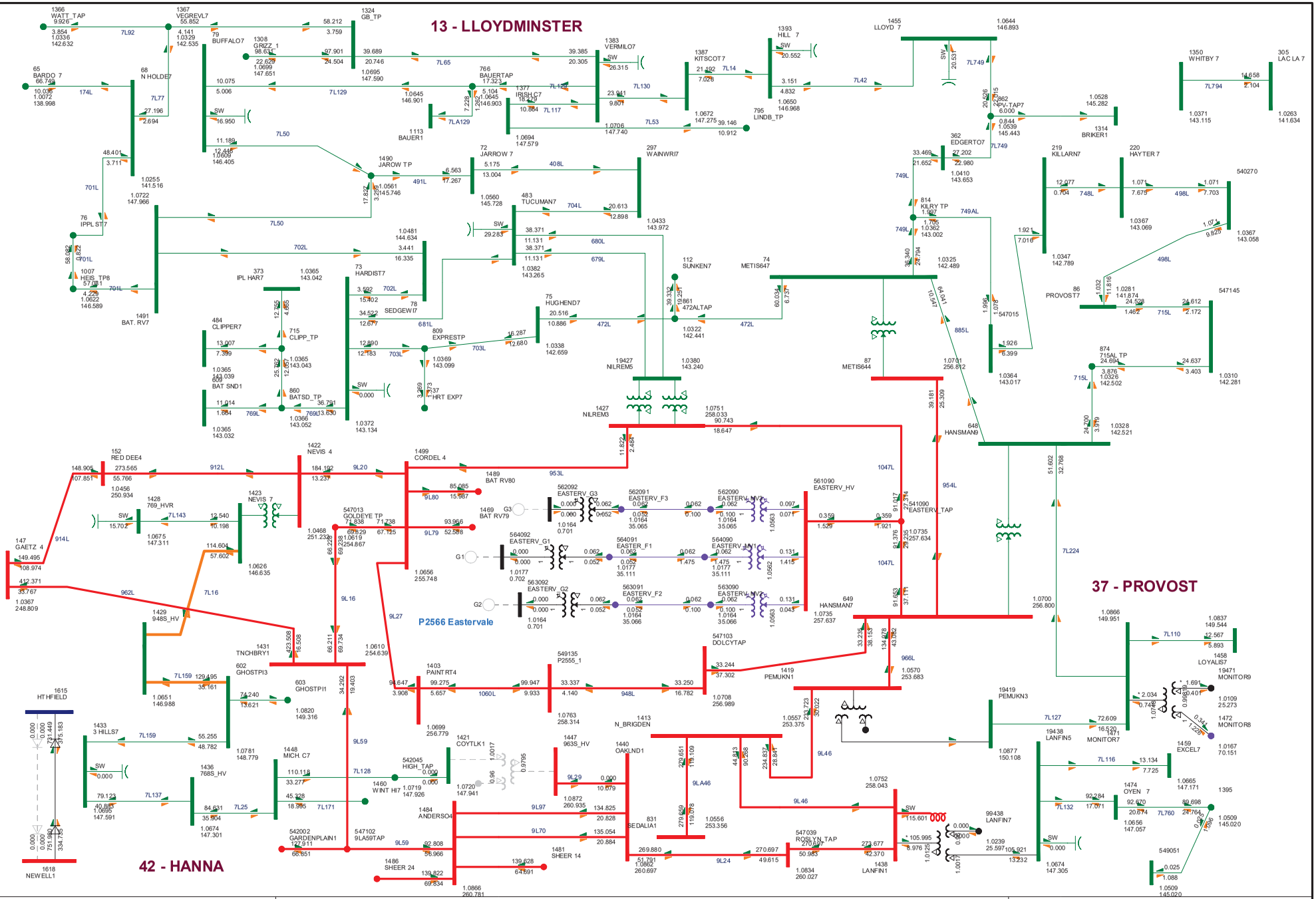


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FIGURE A2.1-7 N-1: 9L29 (OAKLAND 946S TO COYOTE LAKE 963S)
2028 SUMMER PEAK HIGH GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

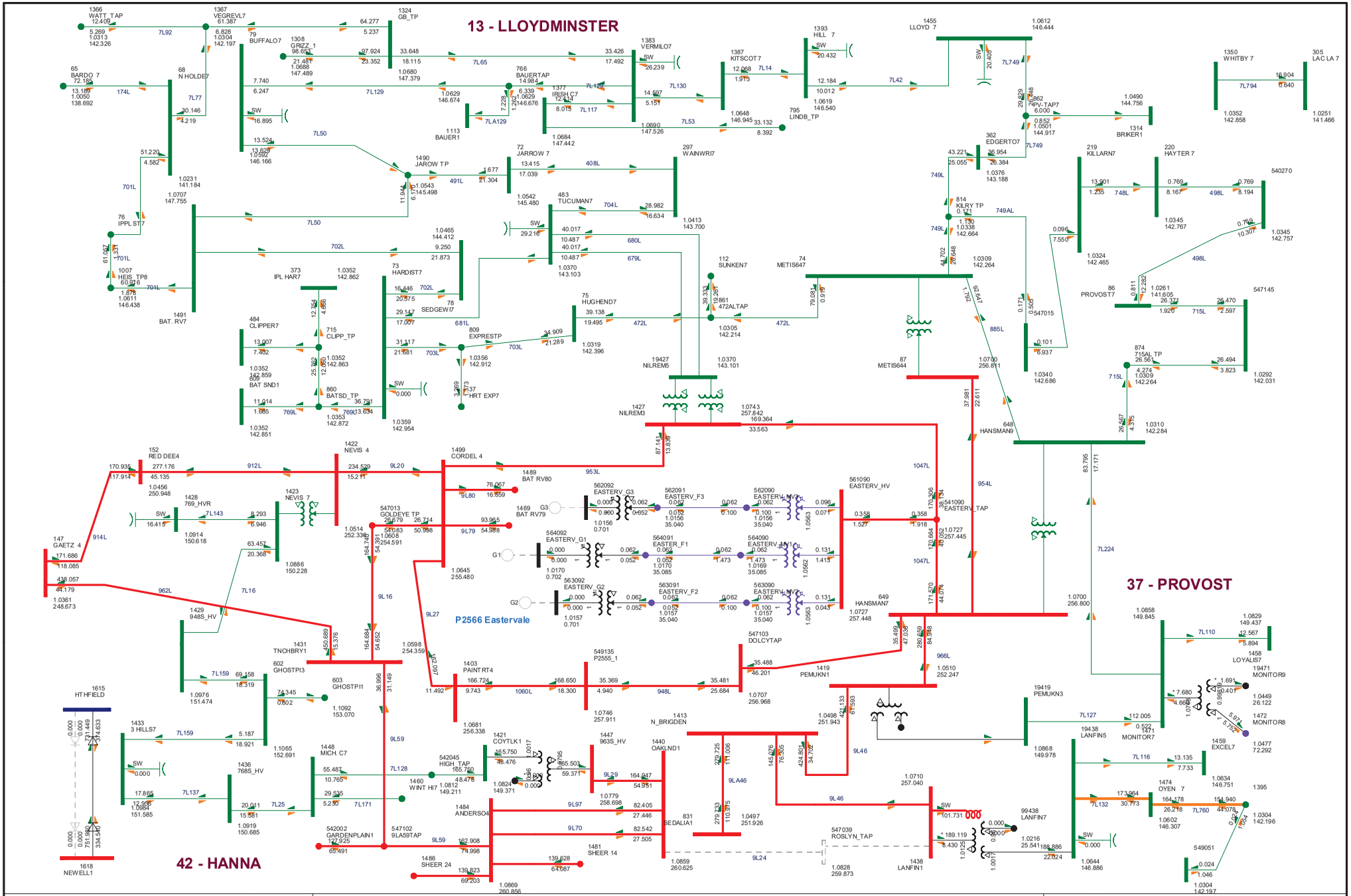


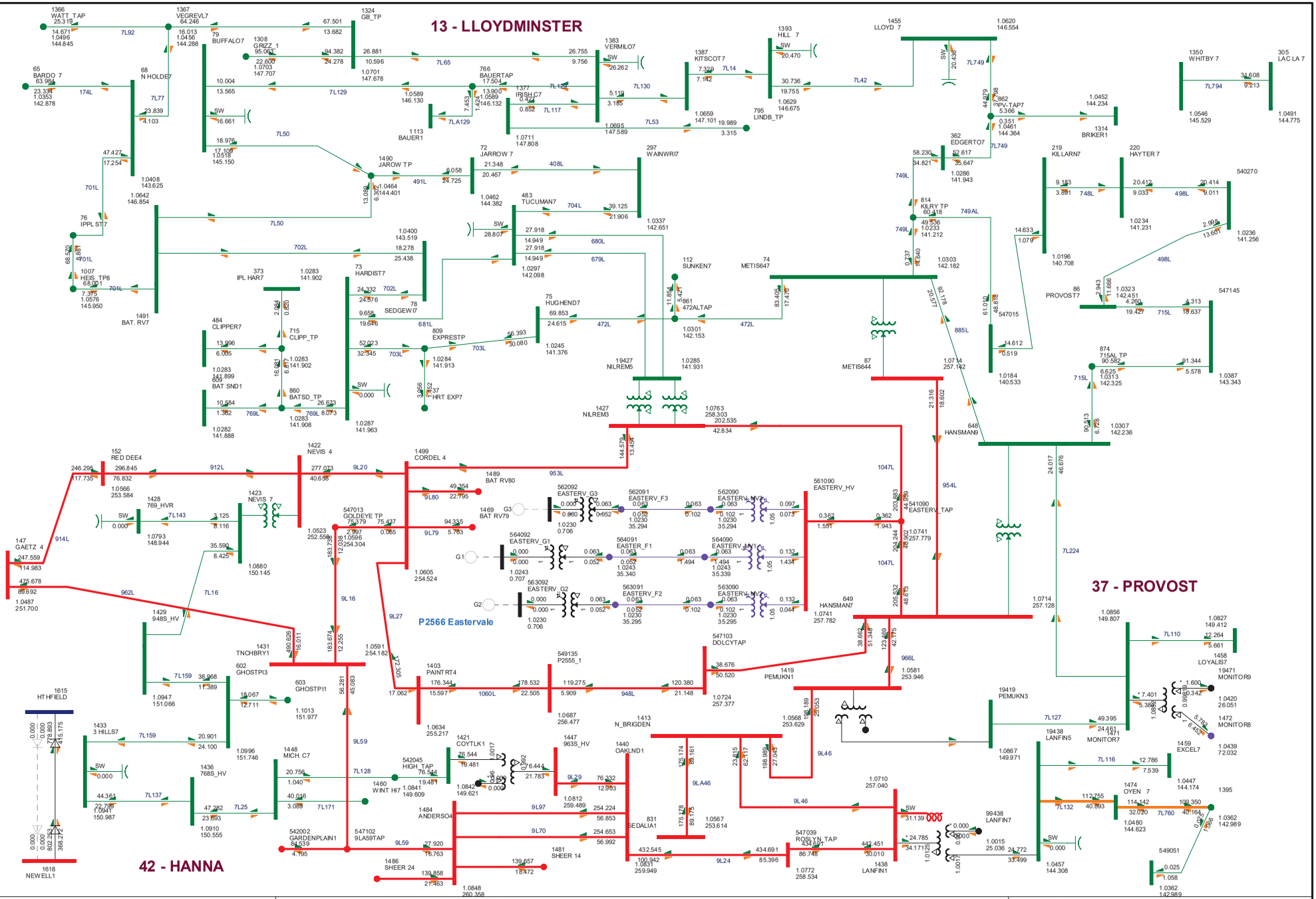
P2566 Eastervale Solar Battery

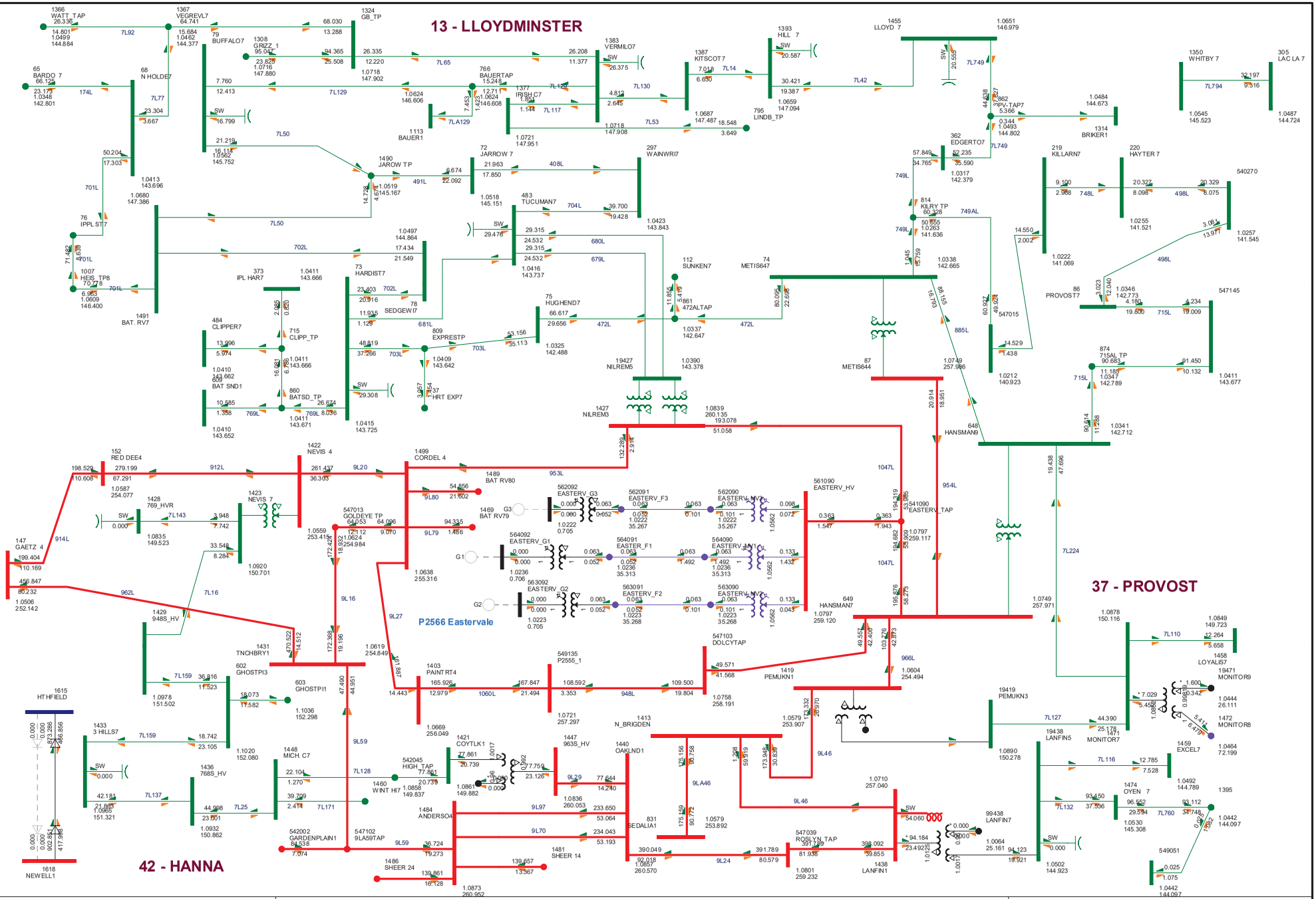
FIGURE A2.1-8 N-1: 963S T1 (COYOTE LAKE 963S TRANSFORMER T1)
2028 SUMMER PEAK HIGH GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000


13 - LLOYDMINSTER
37 - PROVOST
42 - HANNA
P2566 Eastervale
1366 WATT_TAP 12.405
1367 VEGREVL7 61.387
1324 GB_TP
1308 GRIZZ_1 98.652
1383 VERMILO7
1387 KITSCOT7
1393 HILL_7
1455 LLOYD 7
1612 146.444
1350 WHITBY 7
305 LAC LA 7
65 BARDO_7 72.185
68 N HOLDE7
766 BAUERTAP 14.984
1377 IRISH_C7 12.414
795 LINDB_TP
1113 BAUER1
1490 JAROW TP
72 JARROW 7
297 WAINWRI7
483 TUCUMAN7
112 SUNKEN7
74 METIS647
362 EDGERT07
PV-TAP7 6.000
1314 BRIKER1
1490 BRIKER1
219 KILLARN7
220 HAYTER 7
540270
814 KILRY TP
76 IPPL ST7
1007 HEIS_TP8
1491 BAT. RV7
373 IPL HAR7
73 HARDIST7
78 SEDGEWI7
75 HUGHEND7
472ALTAP
86 PROVOST7
547145
547015
484 CLIPPER7
715 CLIPP_TP
809 EXPRESTP
HRT EXP7
860 BATSD_TP
BAT SND1
874 715AL TP
19427 NILREM5
87 METIS644
1427 NILREM3
648 HANSMAN8
152 RED DEE4
1422 NEVIS 4
1499 CORDEL 4
1489 BAT RV80
1423 NEVIS 7
1428 769_HVR
547013 GOLDEYE TP
1469 BAT RV79
562092 EASTERV_G3
562091 EASTERV_F3
562090 EASTERV_MV3
561090 EASTERV_HV
541090 EASTERV_TAP
564092 EASTERV_G1
564091 EASTER_F1
564090 EASTERV_MV1
563092 EASTERV_G2
563091 EASTERV_F2
563090 EASTERV_MV2
649 HANSMAN7
147 GAETZ 4
1429 948S_HV
1431 TNCHBRY1
602 GHOSTPI3
603 GHOSTPI1
549135 P2555_1
1403 PAINTRT4
547103 DOLCYTAP
1419 PEMUKN1
19419 PEMUKN3
1615 HTHFIELD
1433 3 HILLS7
1436 768S_HV
1448 MICH_C7
1460 WINT HI7
542045 HIGH_TAP
1421 COYTLK1
1447 963S_HV
1440 OAKLND1
1413 N_BRIGDEN
1484 ANDERSO4
831 SEDALIA1
542002 GARDENPLAIN1
547102 9LA59TAP
1481 SHEER 14
1486 SHEER 24
547039 ROSLYN_TAP
99438 LANFIN7
1438 LANFIN1
19438 LANFIN5
1471 MONITOR7
1458 LOYALIS7
19471 MONITOR9
1472 MONITOR8
1459 EXCEL7
1474 OYEN 7
549051
1618 NEWELL1
P2566 Eastervale Solar Battery
FIGURE A2.1-9 N-1: 9L24 (OAKLAND 946S - LANFINE 959S)
2028 SUMMER PEAK HIGH GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024
Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar
kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000


13 - LLOYDMINSTER
37 - PROVOST
42 - HANNA
P2566 Eastervale
1366 WATT_TAP 25.319
1367 VEGREVL7 64.246
1324 GB_TP
1308 GRIZZ_1 95.063
1383 VERMILO7
1387 KITSCOT7 7.329 7.142
1393 HILL_7 20.470
1455 LLOYD 7
1350 WHITBY 7
305 LAC LA 7
65 BARDO_7 63.984
68 N HOLDE7
766 BAUERTAP 17.504
1377 IRISH_C7
795 LINDB_TP
1113 BAUER1
1314 BRIKER1
362 EDGERTO7
PV-TAP7 5.366
1490 JAROW TP
72 JARROW 7 21.348 20.467
297 WAINWRI7
483 TUCUMAN7
112 SUNKEN7
74 METIS647
814 KILRY TP 60.418
219 KILLARN7
220 HAYTER 7
540270
76 IPPL ST7
1007 HEIS_TP8 68.001
1491 BAT. RV7
373 IPL HAR7
73 HARDIST7
78 SEDGEWI7
484 CLIPPER7
715 CLIPP_TP
809 EXPRESTP
HRT EXP7
75 HUGHEND7
472ALTAP
547015
86 PROVOST7
547145
874 715AL_TP 90.582
1422 NEVIS 4
1499 CORDEL 4
1489 BAT RV80
1469 BAT RV79
1423 NEVIS 7
547013 GOLDEYE TP
1428 769_HVR
147 GAETZ 4 247.559 114.983
152 RED DEE4 296.845 76.832
1427 NILREM3
19427 NILREM5
87 METIS644
648 HANSMAN8
649 HANSMAN7
1429 948S_HV
1431 TNCHBRY1
602 GHOSTPI3
603 GHOSTPI1
1403 PAINTRT4
549135 P2555_1
547103 DOLCYTAP
1419 PEMUKN1
19419 PEMUKN3
1458 LOYALIS7
19471 MONITOR9
1472 MONITOR8
1471 MONITOR7
1459 EXCEL7
1474 OYEN 7
1615 HTHFIELD
1433 3 HILLS7
1436 768S_HV
1448 MICH_C7
1460 WINT HI7
1484 ANDERSO4
1481 SHEER 14
1486 SHEER 24
1618 NEWELL1
1421 COYTLK1
1447 963S_HV
1440 OAKLND1
1413 N_BRIGDEN
831 SEDALIA1
547102 9LA59TAP
542045 HIGH_TAP
542002 GARDENPLAIN1
547039 ROSLYN_TAP
1438 LANFIN1
99438 LANFIN7
19438 LANFIN5
549051
562092 EASTERV_G3
562091 EASTERV_F3
562090 EASTERV_MV3
561090 EASTERV_HV
541090 EASTERV_TAP
564092 EASTERV_G1
564091 EASTER_F1
564090 EASTERV_MV1
563092 EASTERV_G2
563091 EASTERV_F2
563090 EASTERV_MV2
7L92
174L
7L77
7L50
7L129
7L65
7L14
7L42
7L749
7L794
7L130
7L53
7L117
7L129A
7LA129
701L
702L
703L
704L
679L
680L
681L
408L
491L
748L
749L
498L
885L
912L
914L
962L
953L
954L
1047L
966L
7L143
7L16
7L159
7L128
7L137
7L25
7L171
7L224
7L110
7L127
7L116
7L132
9L80
9L79
9L20
9L27
9L16
9L59
9L97
9L70
9L29
9L46
9L46A
9L24
1060L
948L
715L
P2566 Eastervale Solar Battery
FIGURE A2.2-0-N-0: NORMAL OPERATION (PRE-CURTAILMENT)
2028 SUMMER LIGHT HIGH GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024
Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar
kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

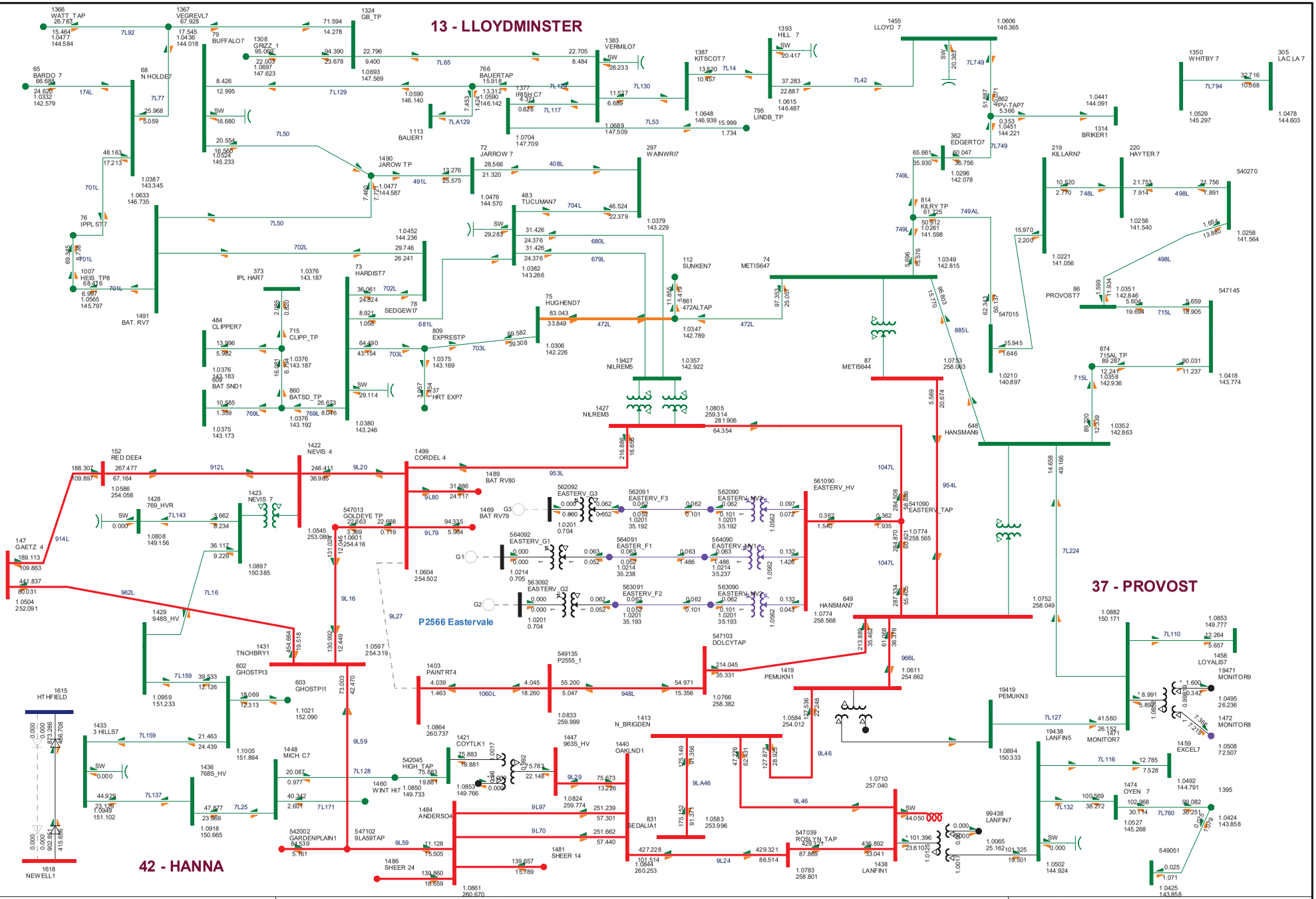


P2566 Eastervale Solar Battery

FIGURE A2.2-1-N-0: NORMAL OPERATION
2028 SUMMER LIGHT HIGH GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

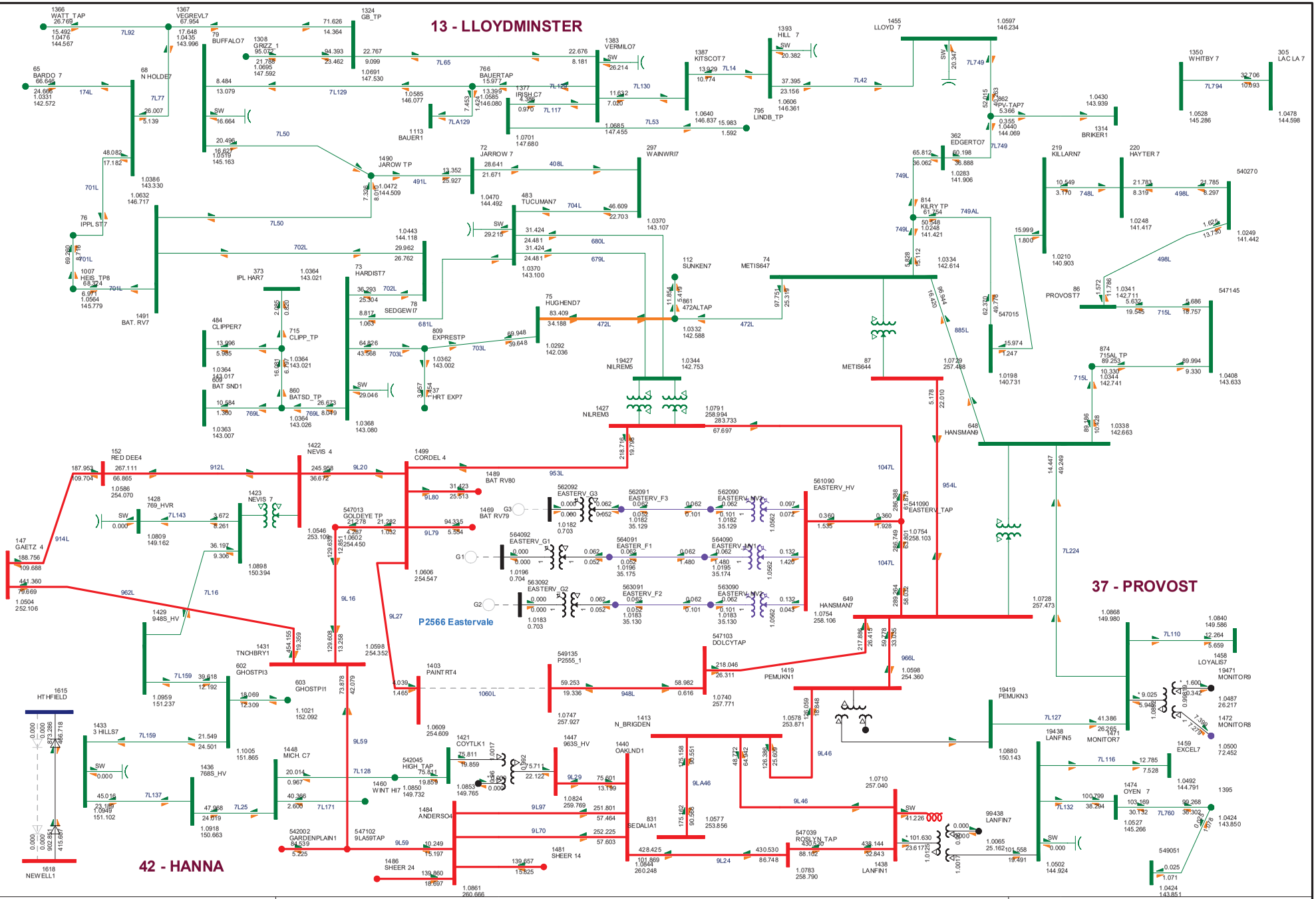


P2566 Eastervale Solar Battery

FIGURE A2.2-2 N-1: 9L27 (PAINTEARTH CREEK 863S TO CORDEL 755S)
2028 SUMMER LIGHT HIGH GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

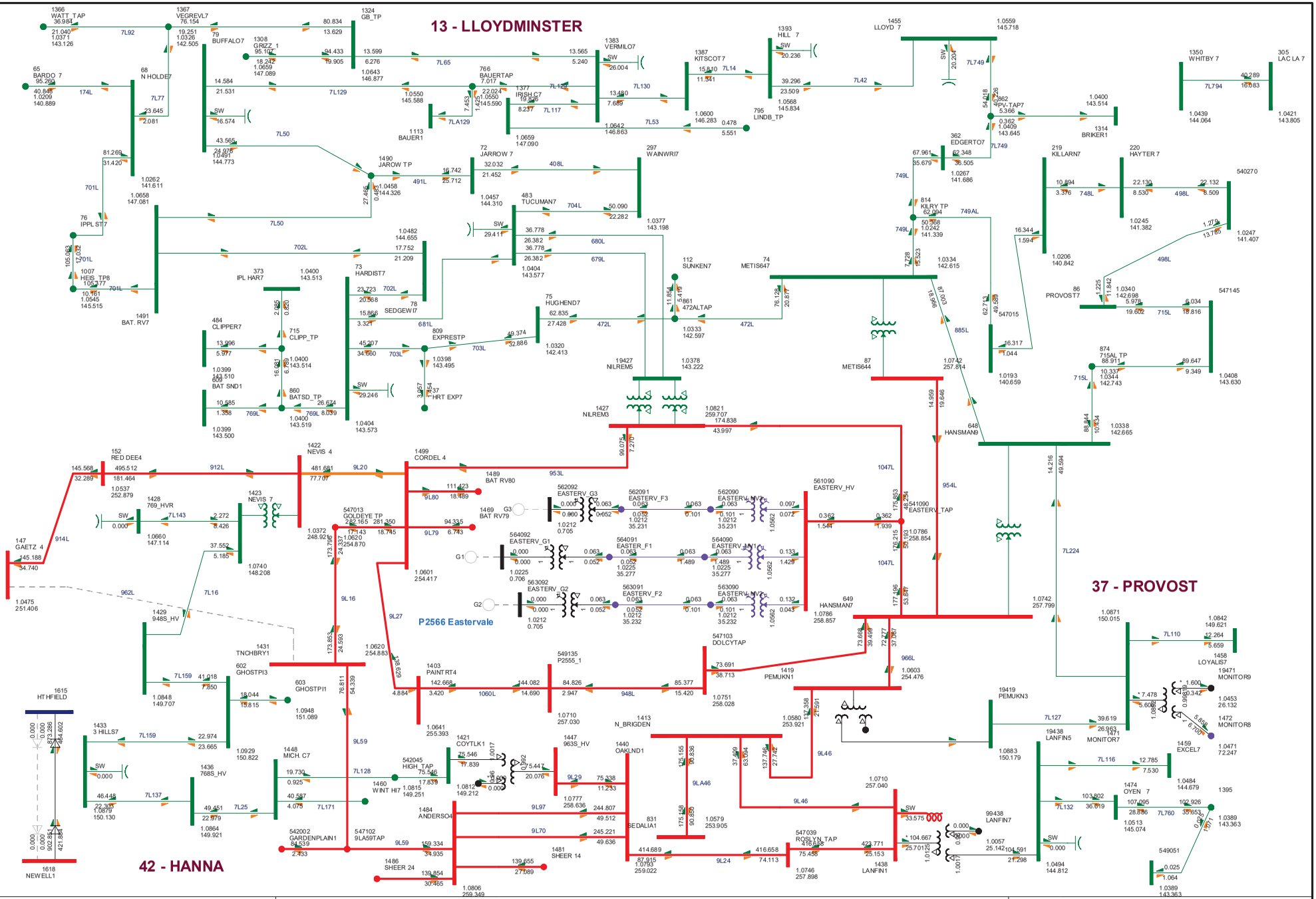


P2566 Eastervale Solar Battery

FIGURE A2.2-3 N-1: 1060L (PAINTEARTH 863S TO P2555 SWITCHING SUB)
2028 SUMMER LIGHT HIGH GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

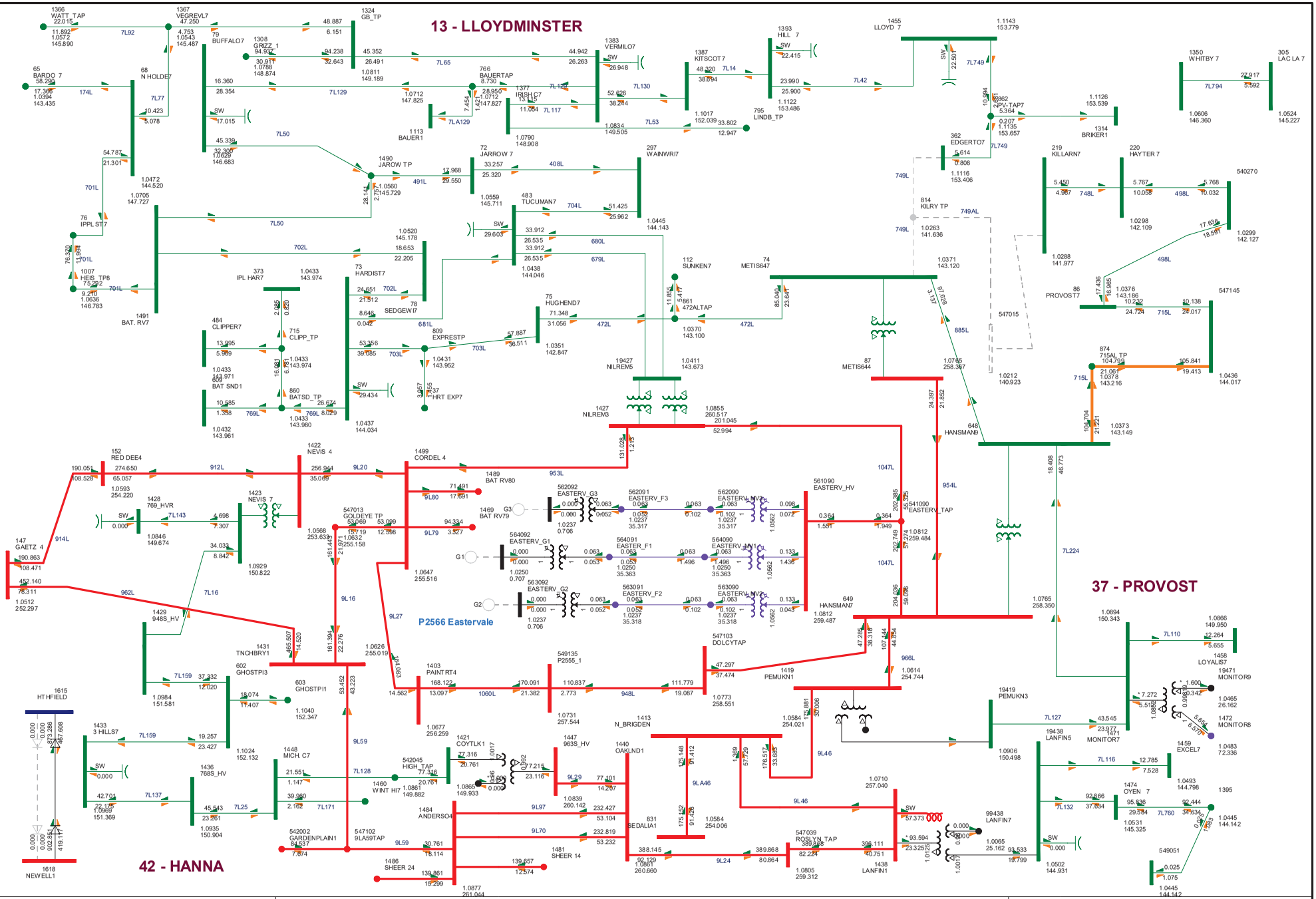


P2566 Eastervale Solar Battery

FIGURE A2.2-4 N-1: 962L/9L62 (TINCHEBRAY 972S TO GAETZ 87S)
2028 SUMMER LIGHT HIGH GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

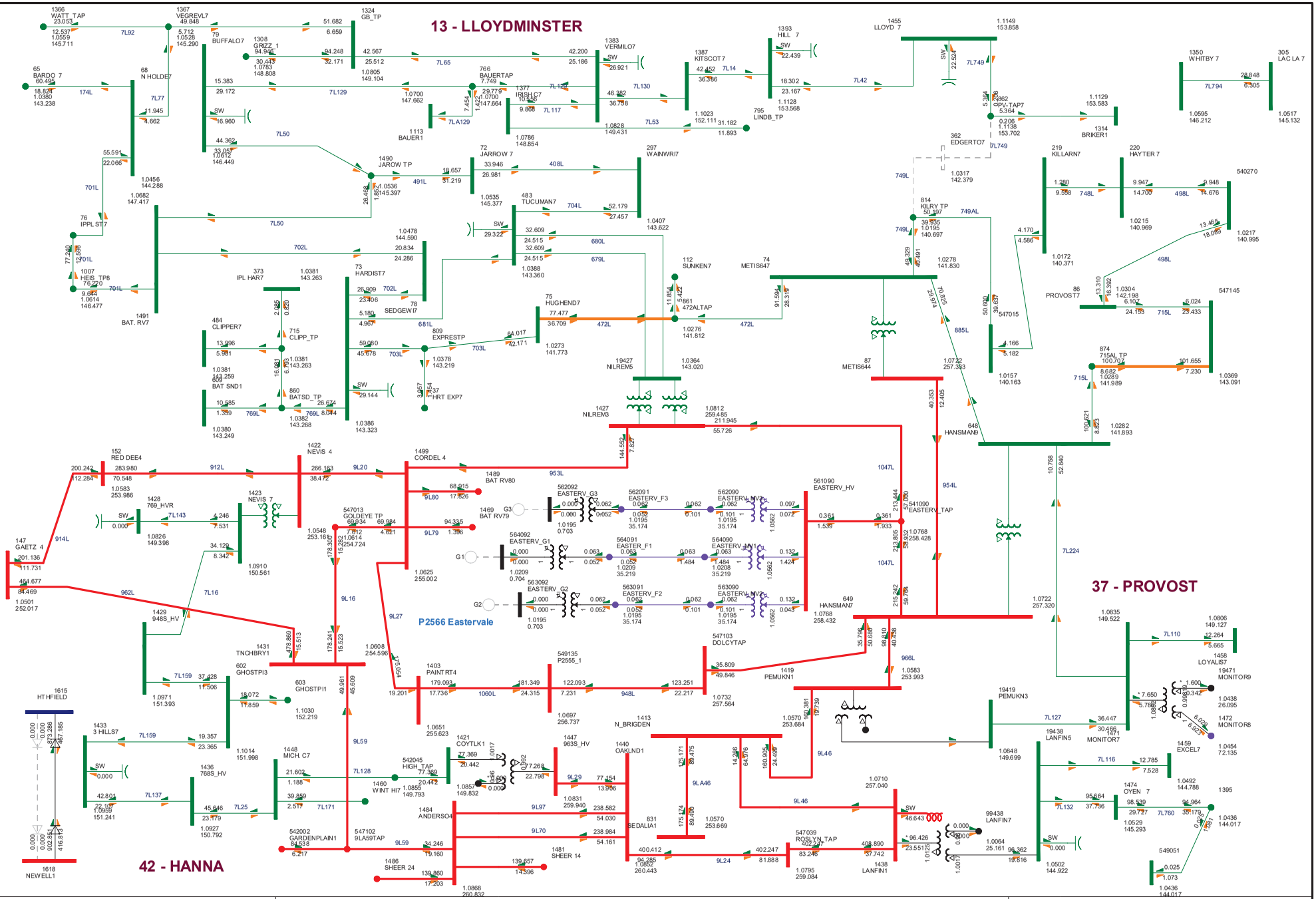


P2566 Eastervale Solar Battery

FIGURE A2.2-5 N-1: 749L (METISKOW 648S TO EDGERTON 899S)
2028 SUMMER LIGHT HIGH GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

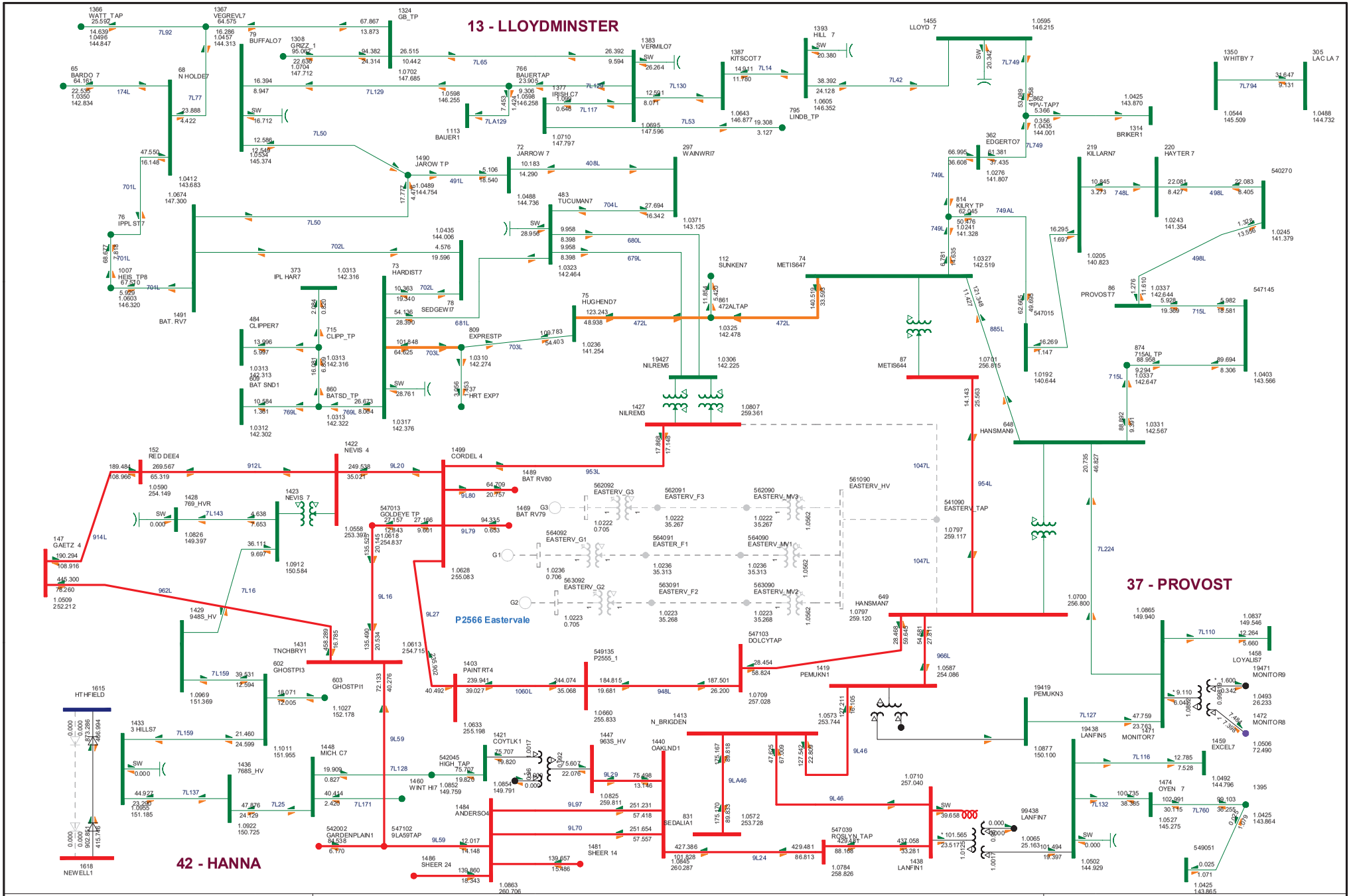


P2566 Eastervale Solar Battery

FIGURE A2.2-6 N-1: EDGERTON 899S TRANSFORMER T1
2028 SUMMER LIGHT HIGH GENERATION (PRE-CONNECTION)
PRINTED ON FRIDAY 15. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

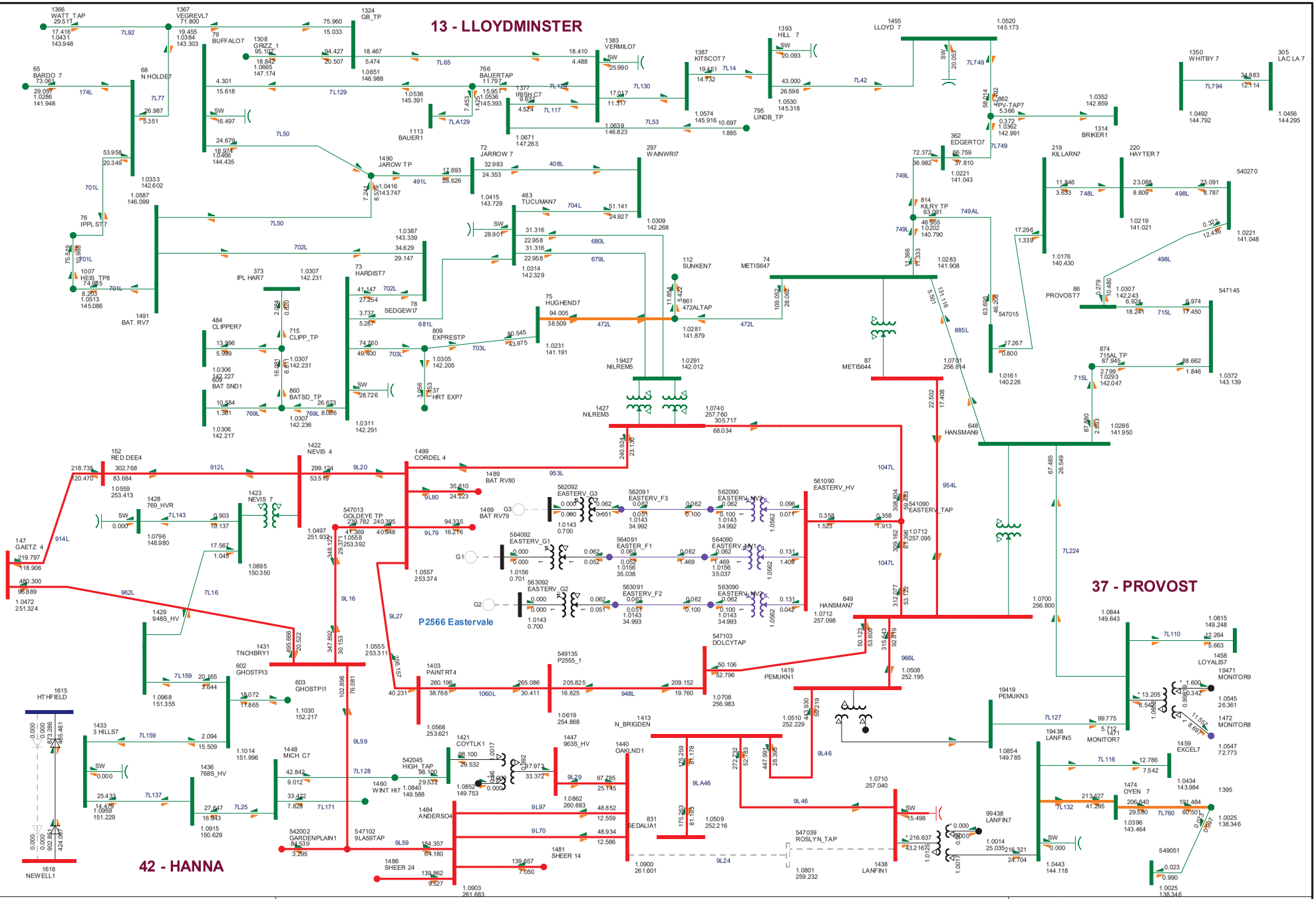


P2566 Eastervale Solar Battery

FIGURE A2.2-7 N-1: 1047L (HANSMAN LAKE 650S TO NILREM 574S)
2028 SUMMER LIGHT HIGH GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

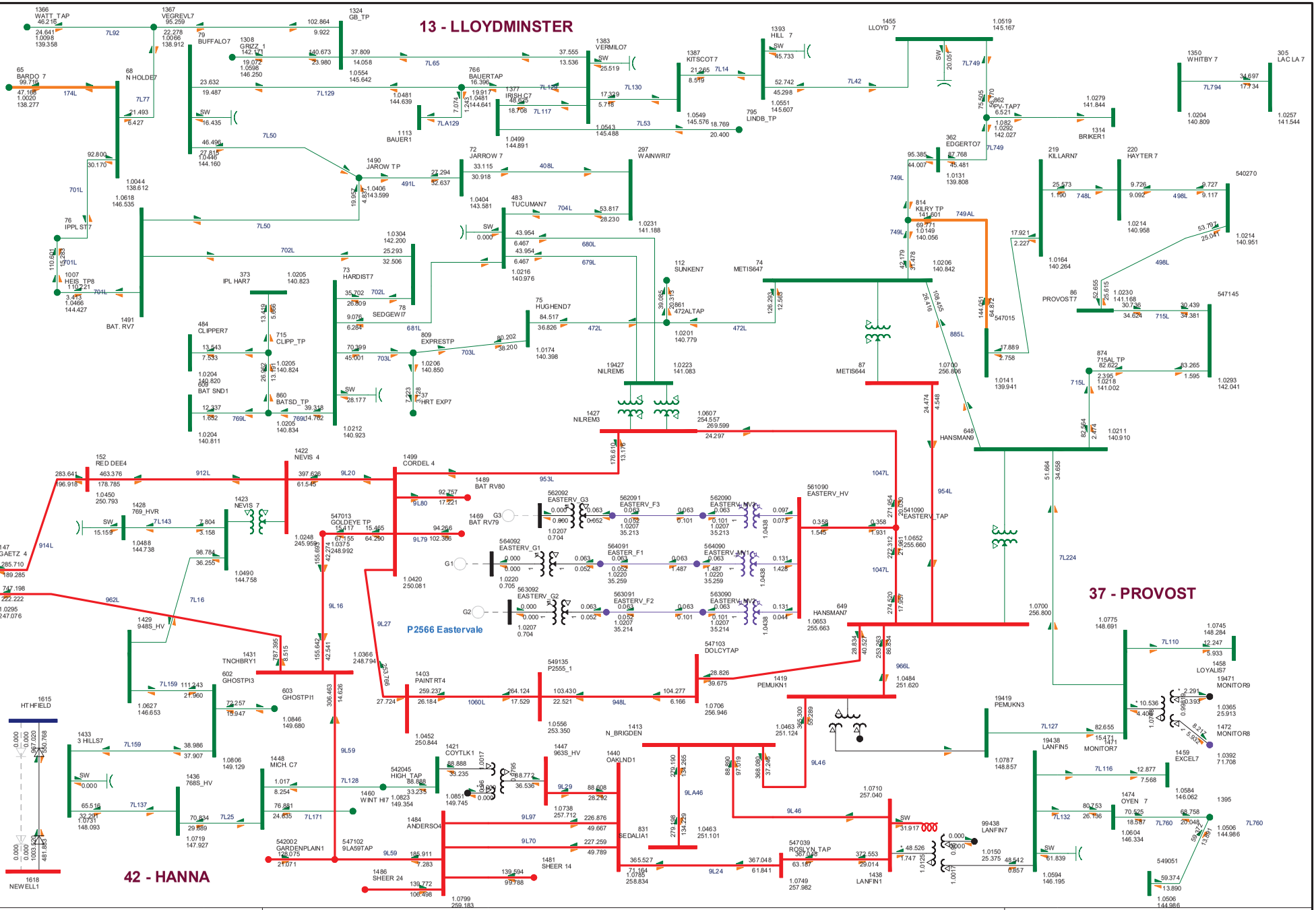


P2566 Eastervale Solar Battery

FIGURE A2.2-8 N-1: 9L24 (OAKLAND 946S - LANFINE 959S)
2028 SUMMER LIGHT HIGH GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

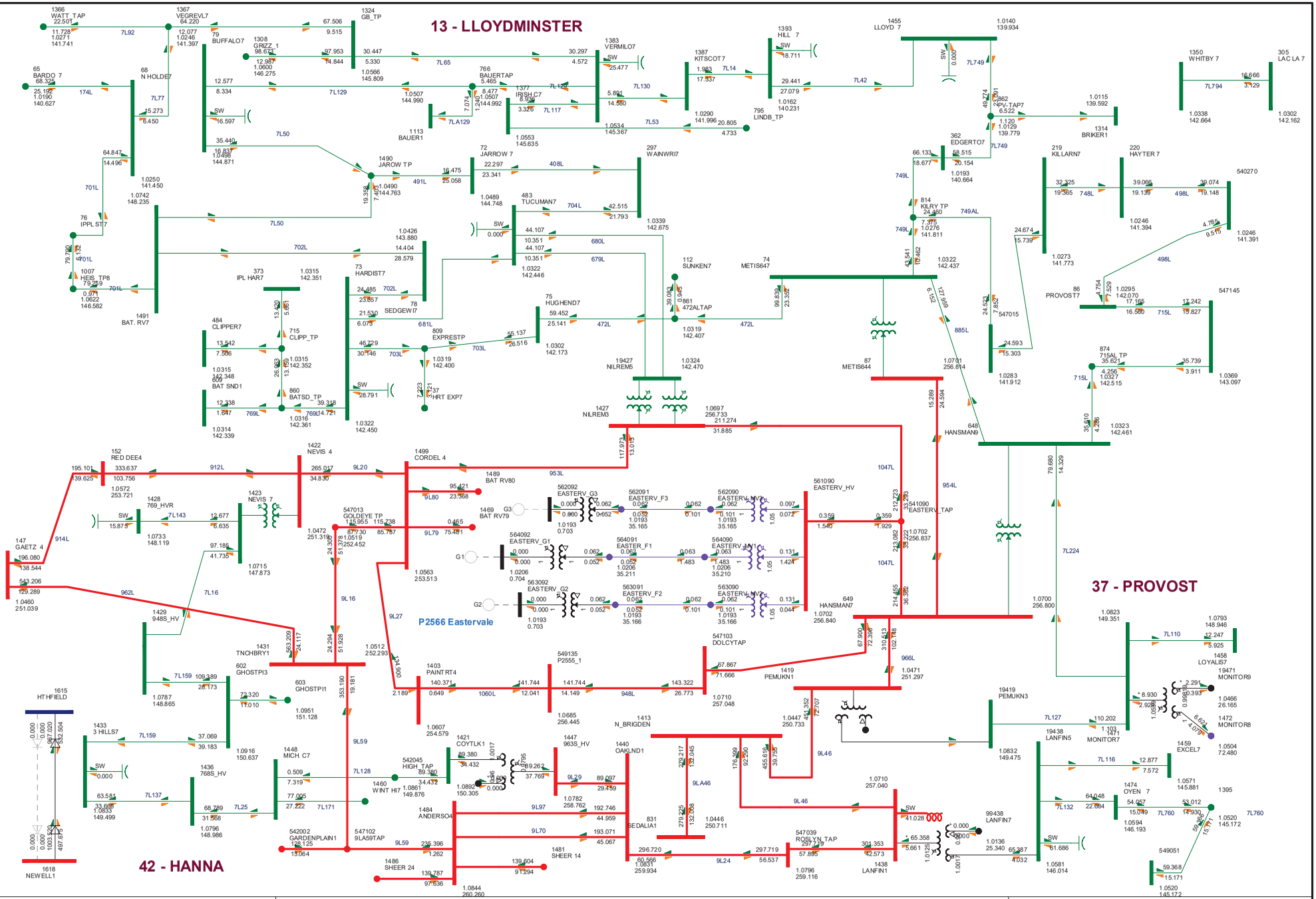


P2566 Eastervale Solar Battery

FIGURE A2.3-0-N-0: NORMAL OPERATION (PRE-CURTAILMENT)
2028 WINTER PEAK HIGH GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

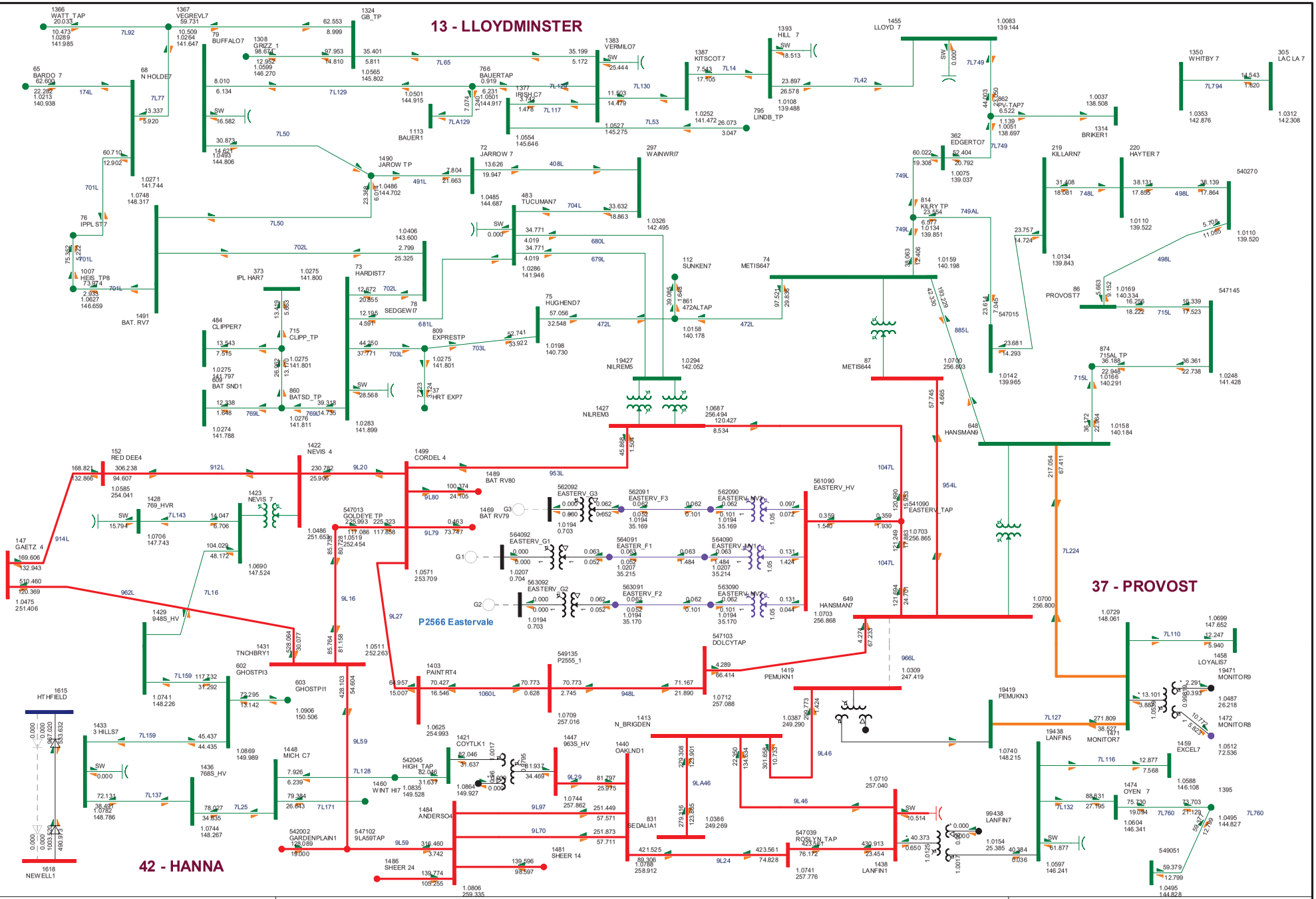


P2566 Eastervale Solar Battery

FIGURE A2.3-1-N-0: NORMAL OPERATION
2028 WINTER PEAK HIGH GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

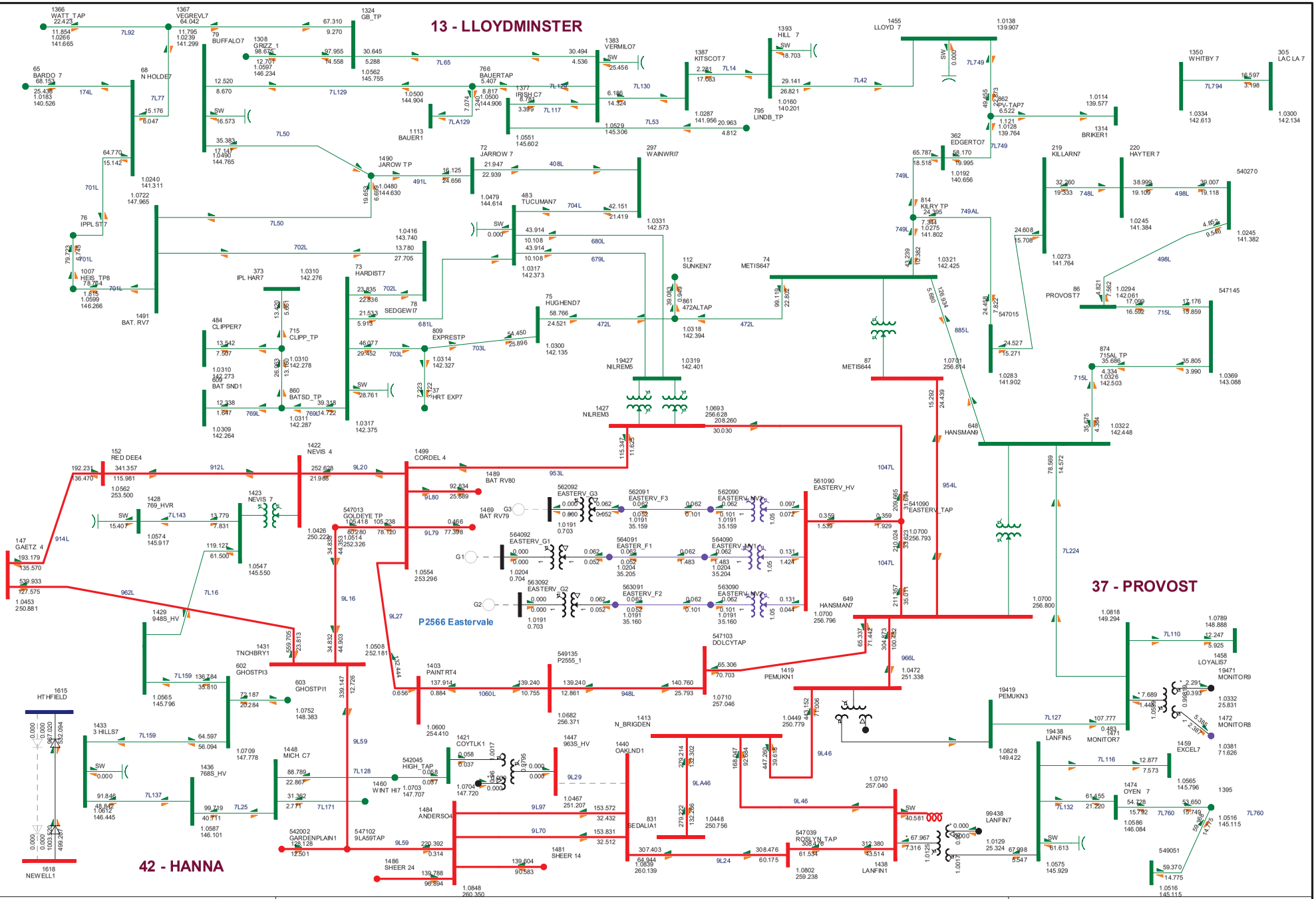


P2566 Eastervale Solar Battery

FIGURE A2.3-2 N-1: 966L (HANSMAN LAKE 650S TO PEMUKAN 932S)
2028 WINTER PEAK HIGH GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

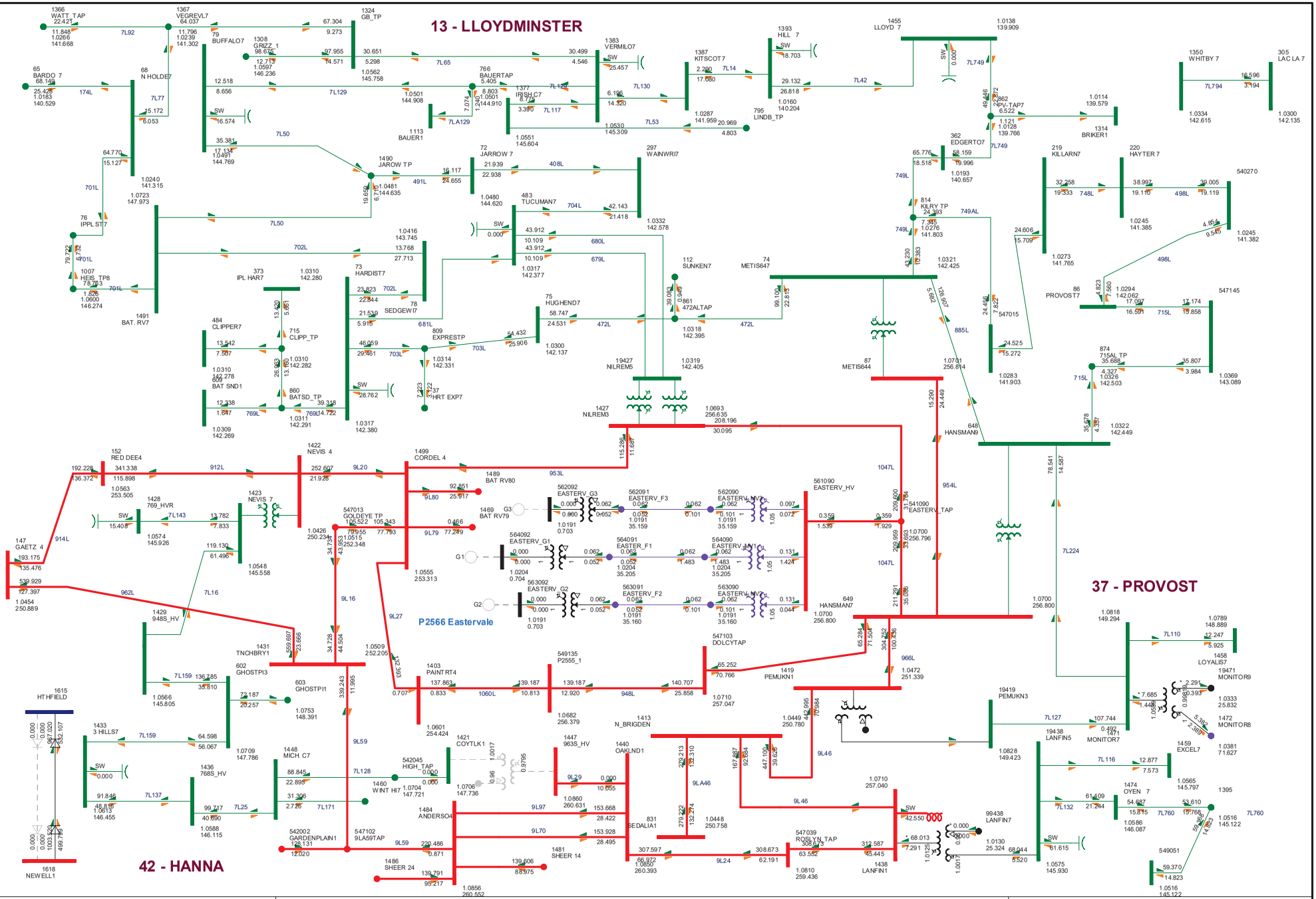


P2566 Eastervale Solar Battery

FIGURE A2.3-3 N-1: 9L29 (OAKLAND 946S TO COYOTE LAKE 963S)
2028 WINTER PEAK HIGH GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

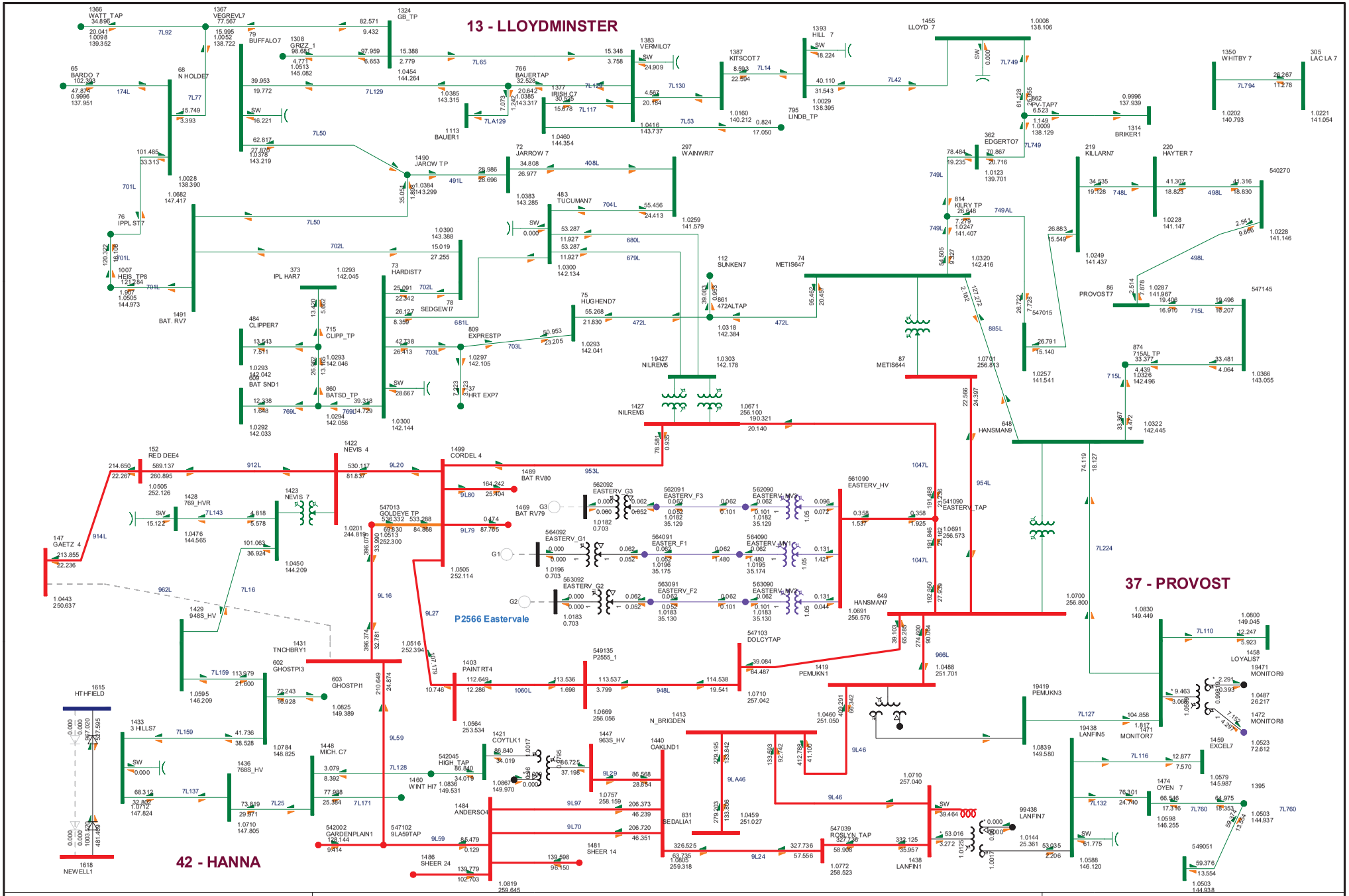


P2566 Eastervale Solar Battery

FIGURE A2.3-4 N-1: 963S T1 (COYOTE LAKE 963S TRANSFORMER T1)
2028 WINTER PEAK HIGH GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

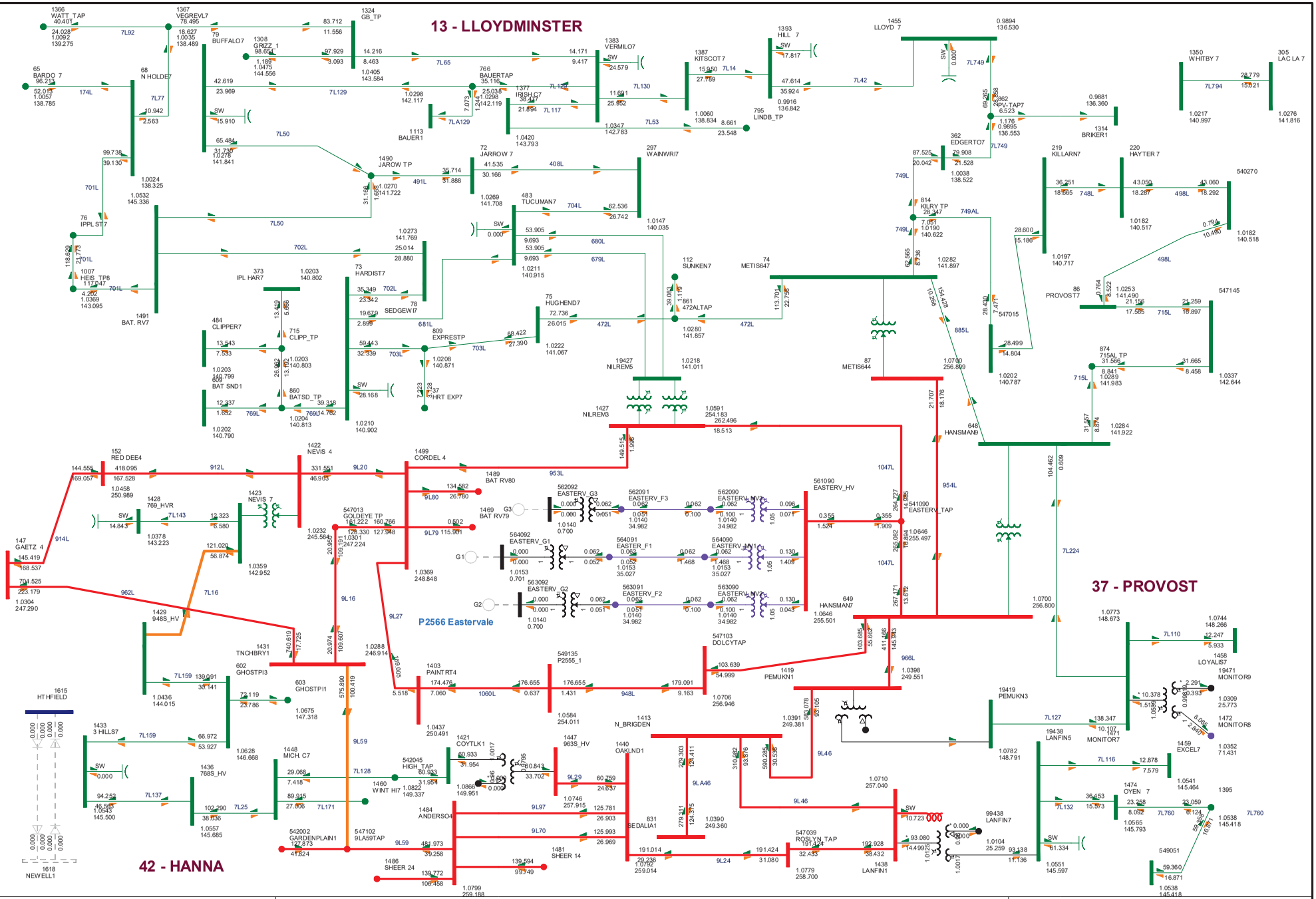


P2566 Eastervale Solar Battery

FIGURE A2.3-5 N-1: 962L/9L62 (TINCHEBRAY 972S TO GAETZ 87S)
2028 WINTER PEAK HIGH GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

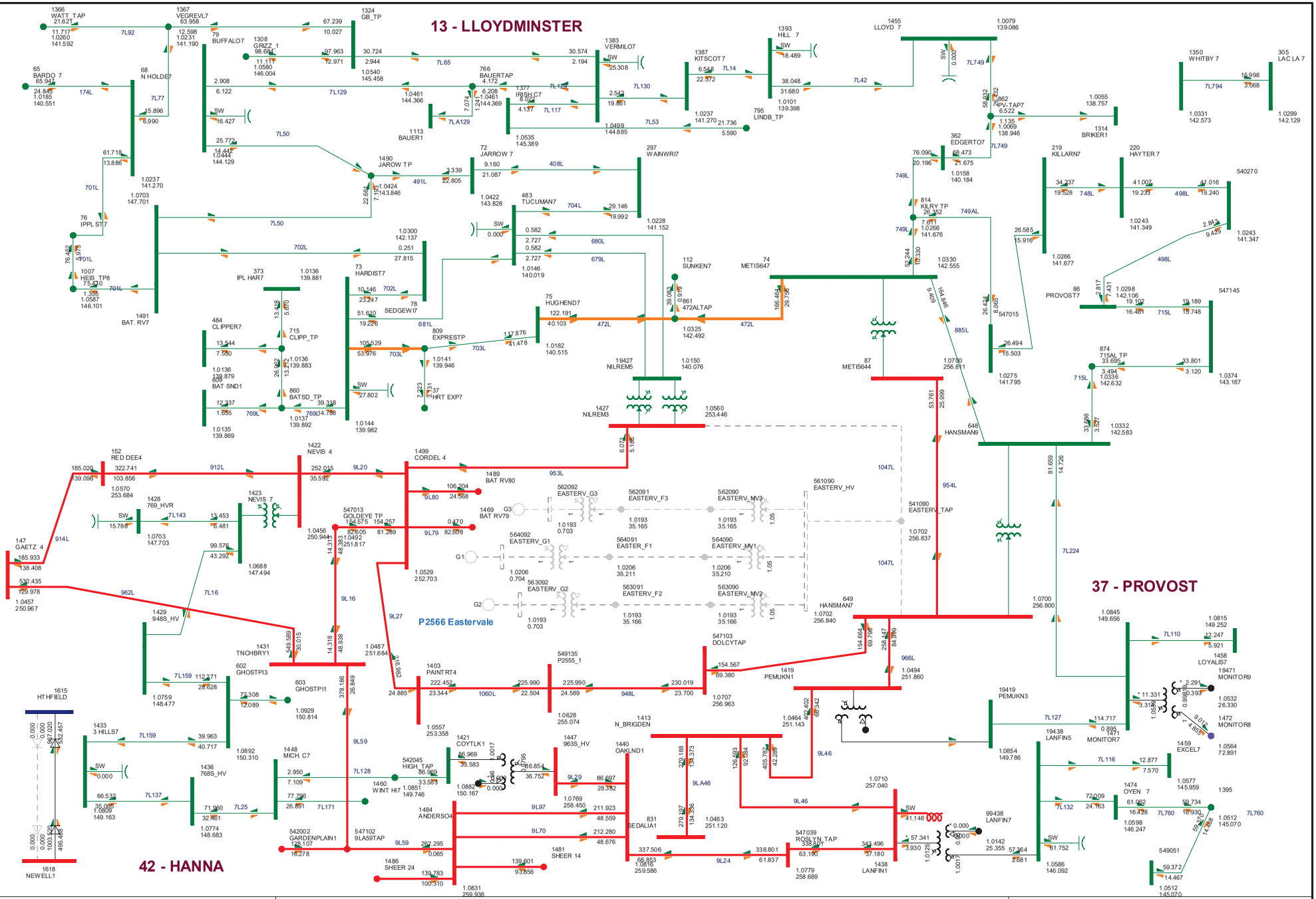


P2566 Eastervale Solar Battery

FIGURE A2.3-6 N-1: EATL
2028 WINTER PEAK HIGH GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

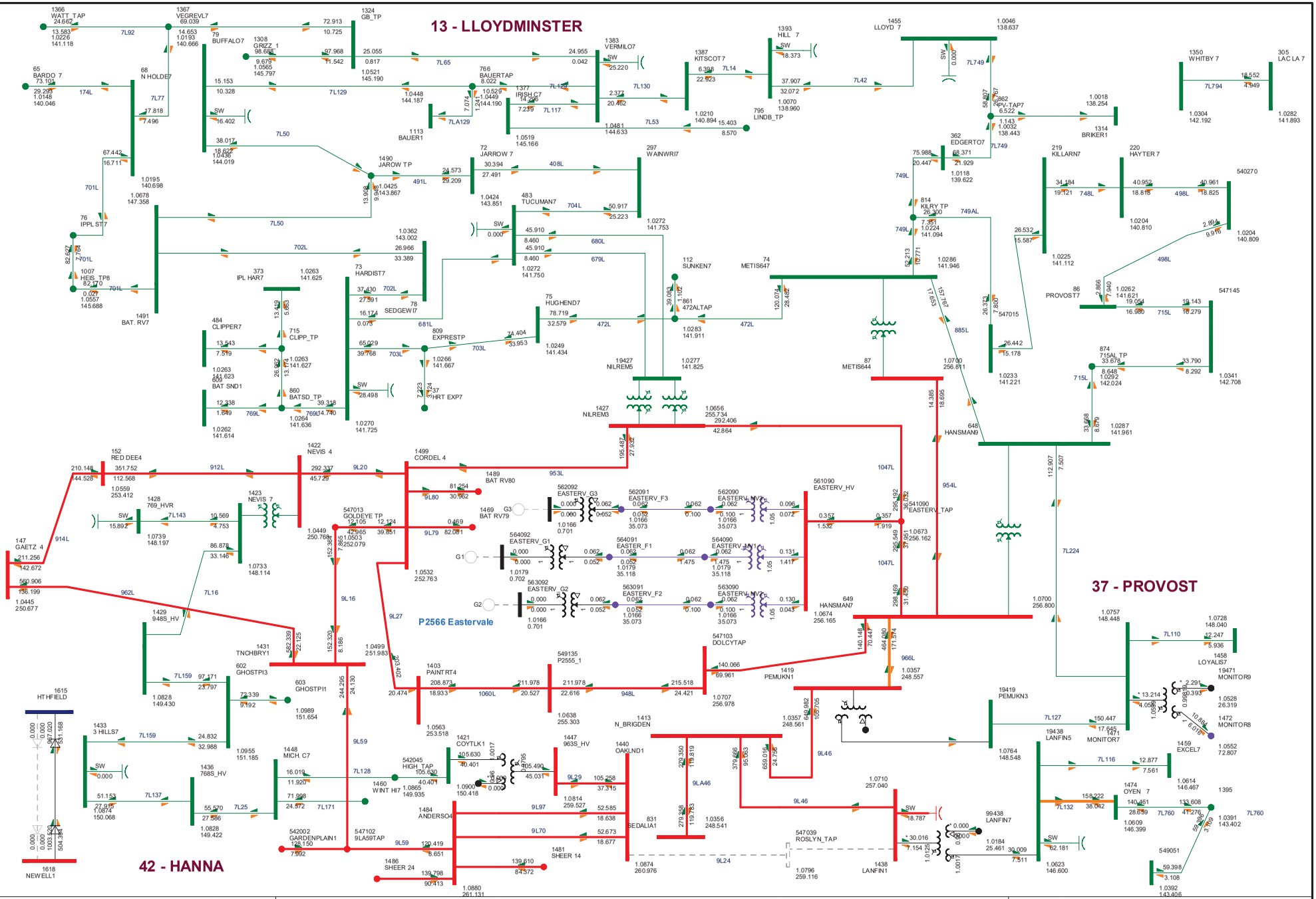


P2566 Eastervale Solar Battery

FIGURE A2.3-7 N-1: 1047L (HANSMAN LAKE 650S TO NILREM 574S)
2028 WINTER PEAK HIGH GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

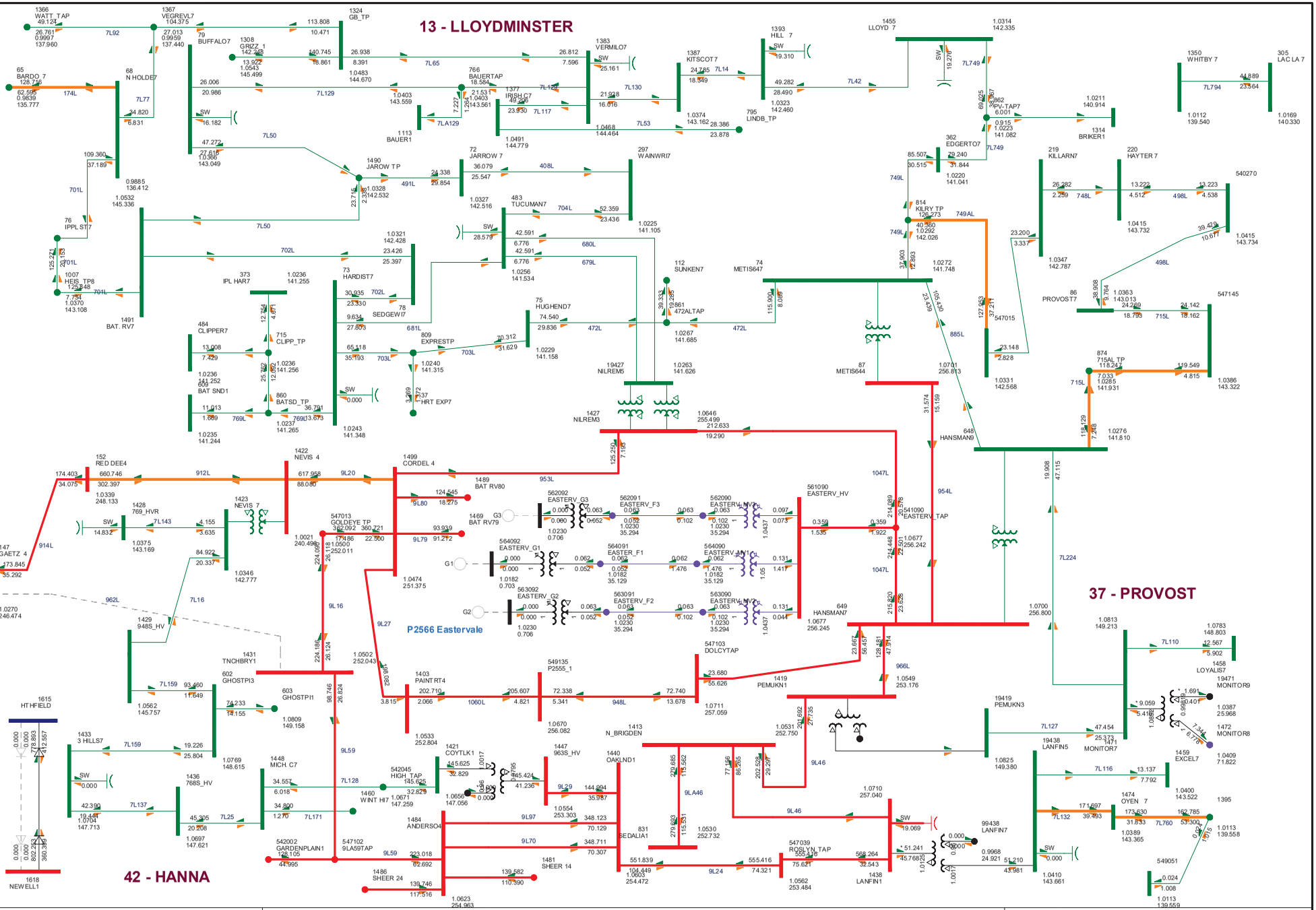


P2566 Eastervale Solar Battery

FIGURE A2.3-8 N-1: 9L24 (OAKLAND 946S - LANFINE 959S)
2028 WINTER PEAK HIGH GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

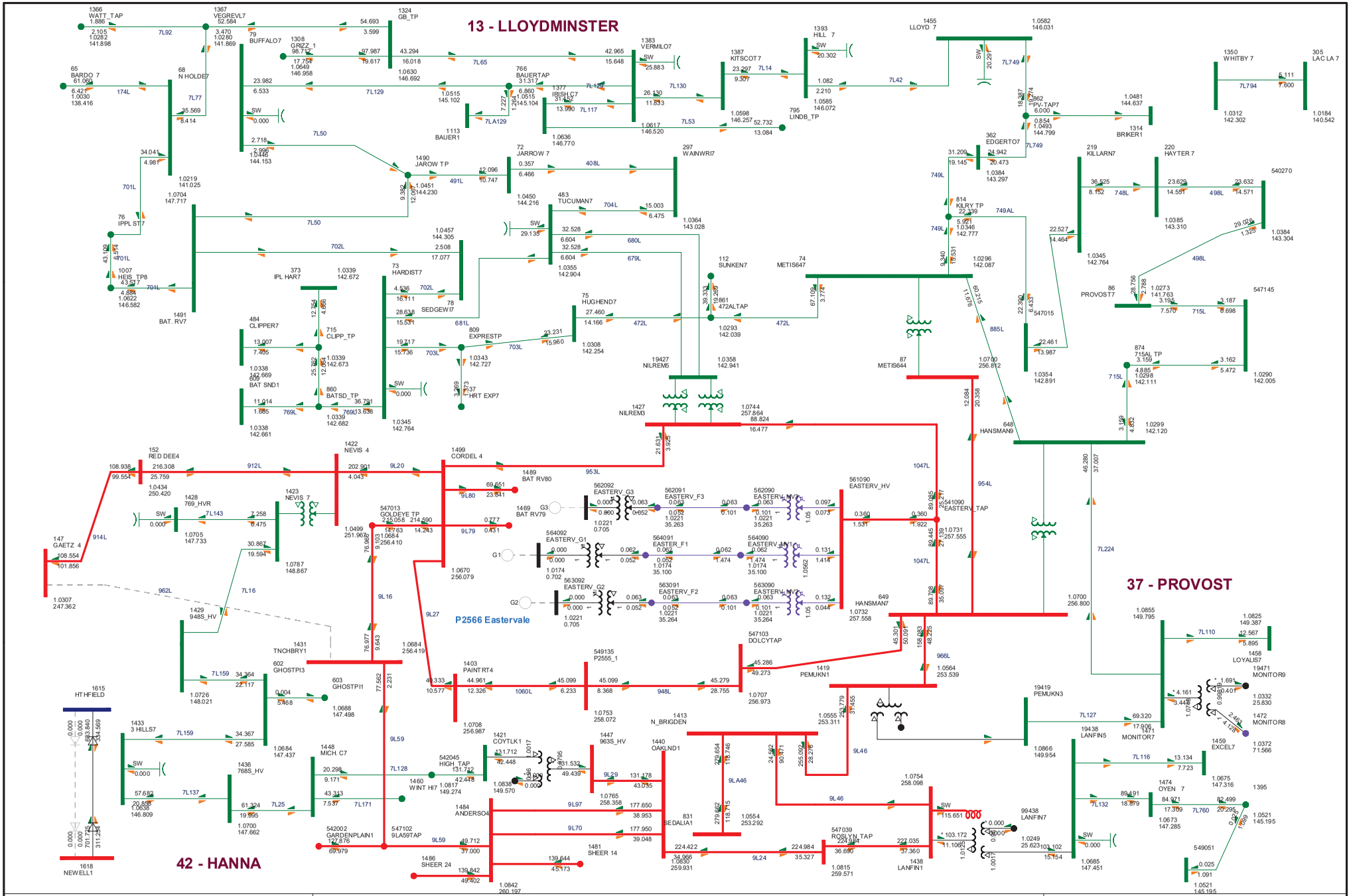


P2566 Eastervale Solar Battery

FIGURE A2.4-0-N-0: NORMAL OPERATION (PRE-CURTAILMENT)
2028 SUMMER PEAK HIGH GENERATION (PRE-CONNECTION) - WITHOUT CETO
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

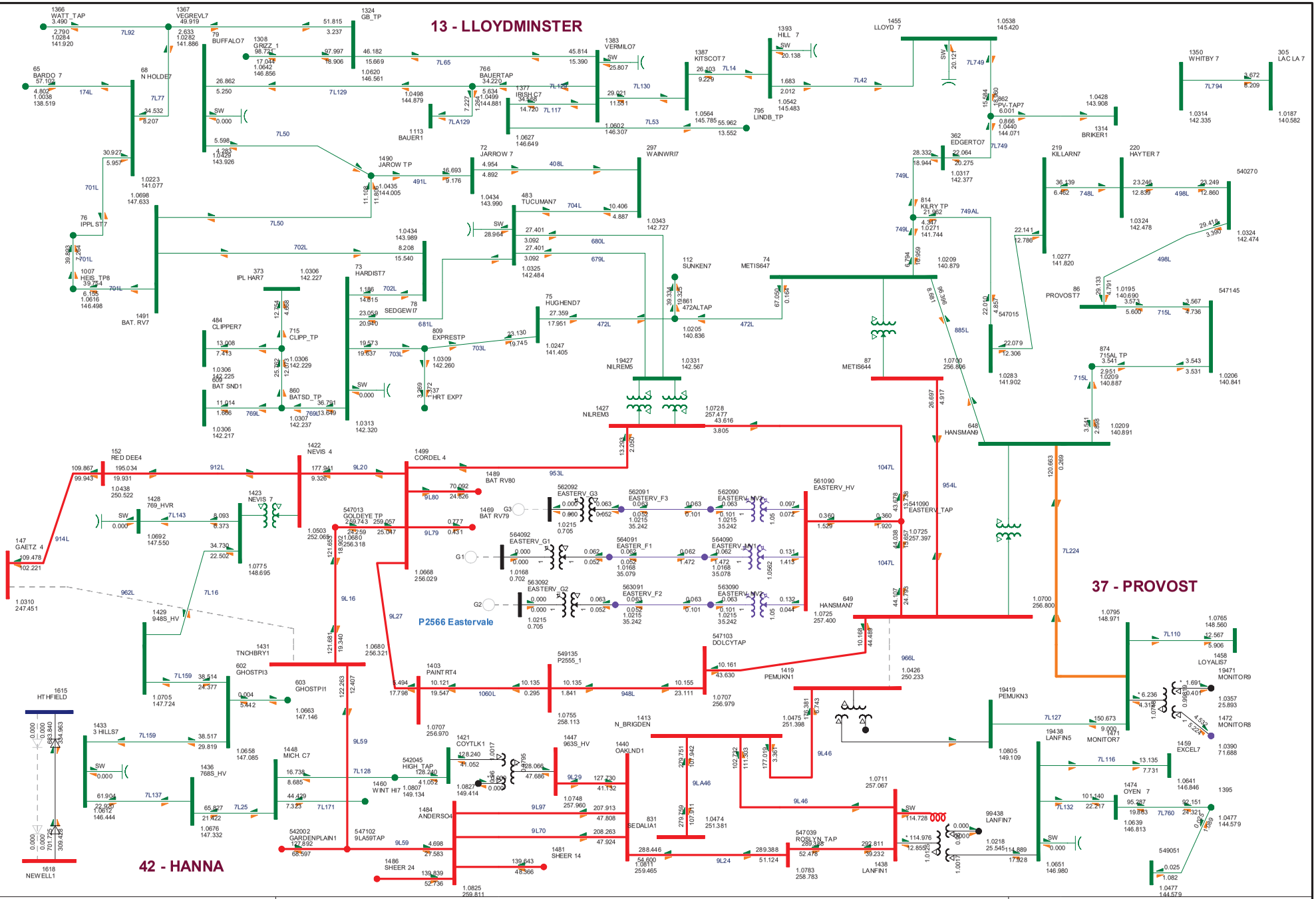


P2566 Eastervale Solar Battery

FIGURE A2.4-1-N-0: NORMAL OPERATION
2028 SUMMER PEAK HIGH GENERATION (PRE-CONNECTION) - WITHOUT CETO
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

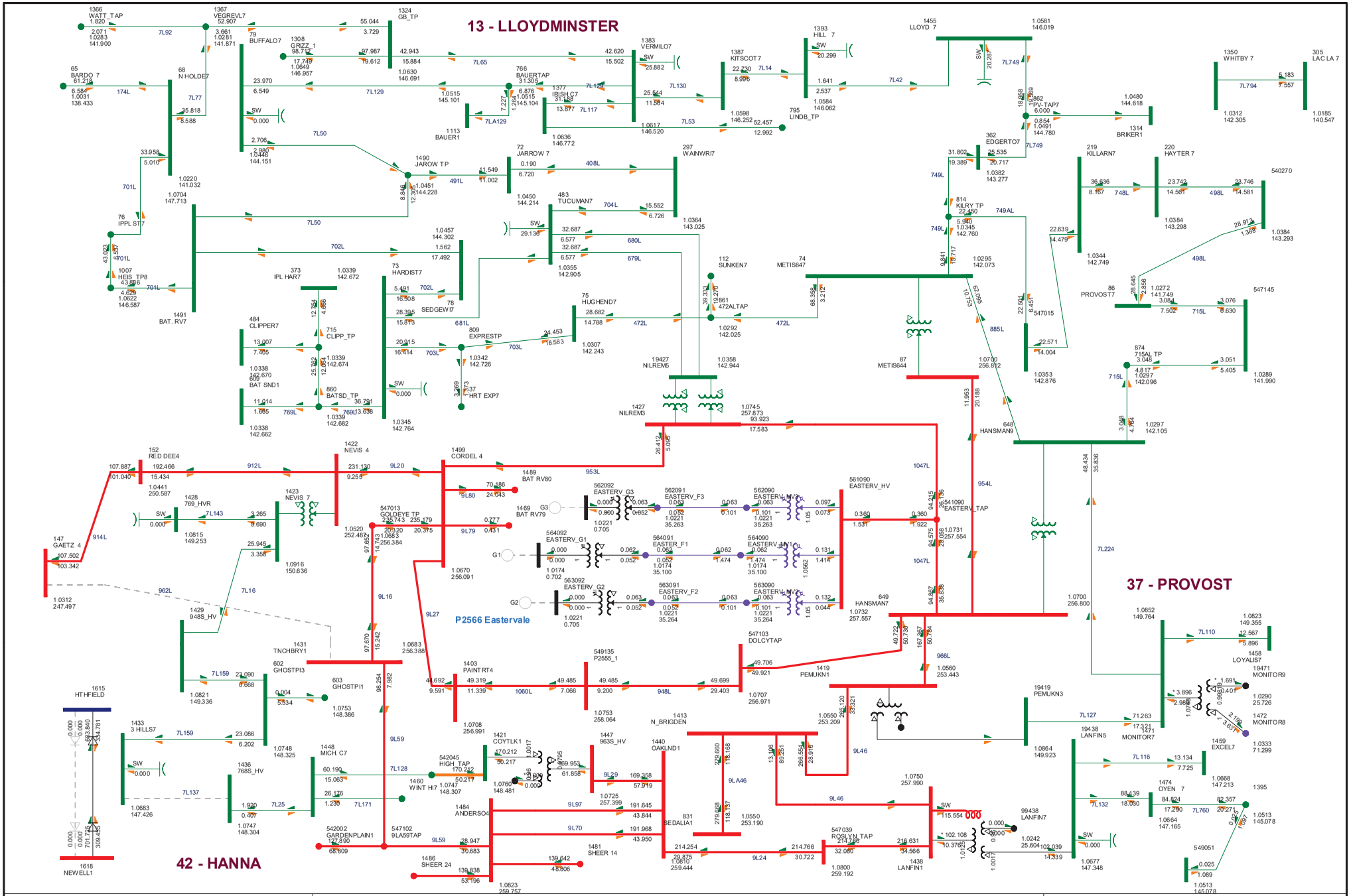


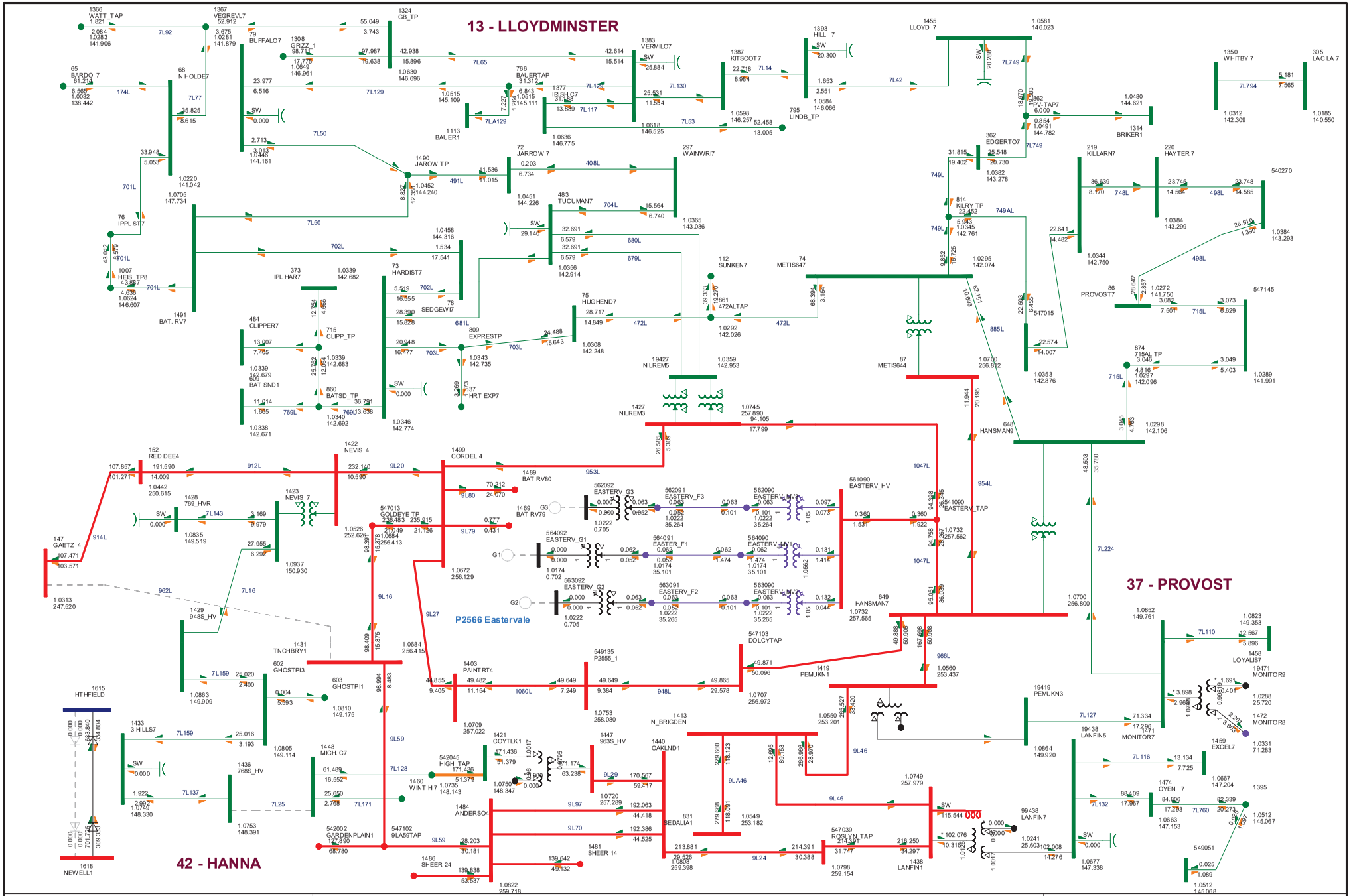
P2566 Eastervale Solar Battery

FIGURE A2.4-2 N-1: 966L (HANSMAN LAKE 650S TO PEMUKAN 932S)
2028 SUMMER PEAK HIGH GENERATION (PRE-CONNECTION) - WITHOUT CETO
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000


13 - LLOYDMINSTER
37 - PROVOST
42 - HANNA
P2566 Eastervale
1366 WATT_TAP
1367 VEGREVL7
1324 GB_TP
1308 GRIZZ_1
1383 VERMILO7
1387 KITSCOT7
1393 HILL_7
1455 LLOYD 7
1350 WHITBY 7
305 LAC LA 7
65 BARDO_7
68 N HOLDE7
766 BAUERTAP
1377 IRISH_C7
795 LINDB_TP
1113 BAUER1
1314 BRIKER1
362 EDGERTO7
219 KILLARN7
220 HAYTER 7
540270
1490 JAROW TP
72 JARROW 7
297 WAINWRI7
483 TUCUMAN7
814 KILRY TP
76 IPPL ST7
1007 HEIS_TP8
1491 BAT. RV7
373 IPL HAR7
73 HARDIST7
78 SEDGEWI7
112 SUNKEN7
74 METIS647
86 PROVOST7
547145
484 CLIPPER7
715 CLIPP_TP
809 EXPRESTP
75 HUGHEND7
547015
874 715AL_TP
605 BAT SND1
860 BATSD_TP
HRT EXP7
472ALTAP
19427 NILREM5
87 METIS644
1427 NILREM3
648 HANSMAN8
649 HANSMAN7
152 RED DEE4
1422 NEVIS 4
1499 CORDEL 4
1489 BAT RV80
1469 BAT RV79
1423 NEVIS 7
1428 769_HVR
147 GAETZ 4
914L
912L
962L
953L
1047L
954L
966L
7L16
7L224
9L16
9L27
9L20
9L80
9L79
9L59
9L97
9L70
9L29
9L46
9LA46
9L24
562092 EASTERV_G3
562091 EASTERV_F3
562090 EASTERV_MV3
561090 EASTERV_HV
541090 EASTERV_TAP
564092 EASTERV_G1
564091 EASTER_F1
564090 EASTERV_MV1
563092 EASTERV_G2
563091 EASTERV_F2
563090 EASTERV_MV2
1429 948S_HV
1431 TNCHBRY1
602 GHOSTPI3
603 GHOSTPI1
1403 PAINTRT4
549135 P2555_1
547103 DOLCYTAP
1419 PEMUKN1
19419 PEMUKN3
1615 HTHFIELD
1433 3 HILLS7
1436 768S_HV
1448 MICH_C7
1460 WINT HI7
542045 HIGH_TAP
1421 COYTLK1
1447 963S_HV
1440 OAKLND1
1413 N_BRIGDEN
1484 ANDERSO4
831 SEDALIA1
542002 GARDENPLAIN1
547102 9LA59TAP
547039 ROSLYN_TAP
1481 SHEER 14
1486 SHEER 24
1438 LANFIN1
99438 LANFIN7
19438 LANFIN5
1471 MONITOR7
19471 MONITOR9
1472 MONITOR8
1458 LOYALIS7
1459 EXCEL7
1474 OYEN 7
1618 NEWELL1
549051
P2566 Eastervale Solar Battery
FIGURE A2.4-3 N-1: 7L137 (THREE HILLS 770S TO ROWLEY 768S)
2028 SUMMER PEAK HIGH GENERATION (PRE-CONNECTION) - WITHOUT CETO
PRINTED ON SATURDAY 09. NOVEMBER 2024
Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar
kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

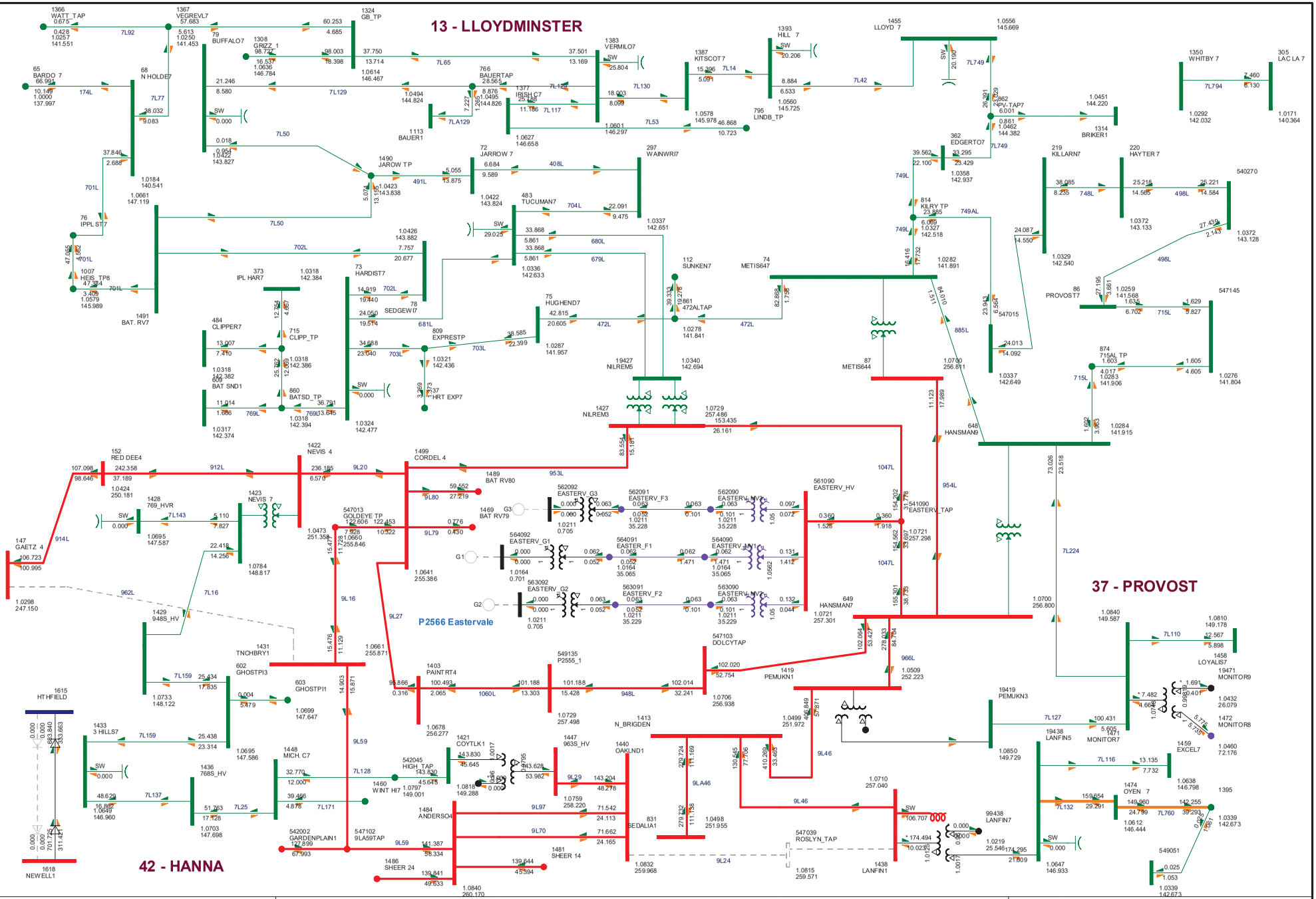


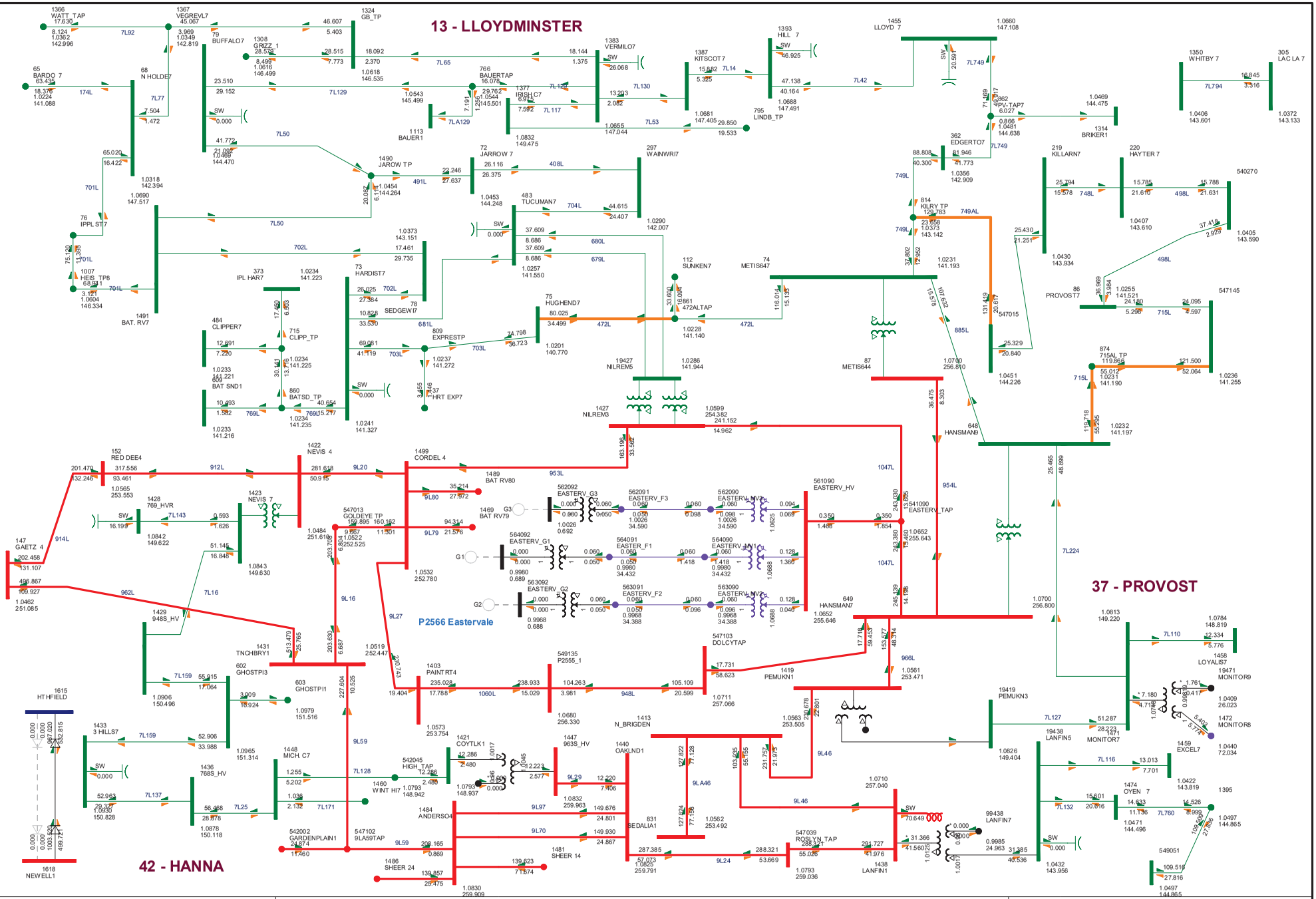
P2566 Eastervale Solar Battery

FIGURE A2.4-4 N-1: 7L25 (ROWLEY 768S TO MICHICHI CREEK 802S)
2028 SUMMER PEAK HIGH GENERATION (PRE-CONNECTION) - WITHOUT CETO
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000


13 - LLOYDMINSTER
37 - PROVOST
42 - HANNA
P2566 Eastervale
1366 WATT_TAP 0.675
1367 VEGREVL7 57.683
1324 GB_TP
1308 GRIZZ_1 98.772
1383 VERMILO7
1387 KITSCOT7 15.296
1393 HILL 7
1455 LLOYD 7
1.0556 145.669
65 BARDO 7 66.994
68 N HOLDE7
766 BAUERTAP 28.565
1377 IRISH_C7 25.285
795 LINDB_TP
1.0578 145.978
1.0560 145.725
1350 WHITBY 7
305 LAC LA 7
1.0292 142.032
1.0171 140.364
1.0451 144.220
1314 BRIKER1
362 EDGERT07
1.0358 142.937
219 KILLARN7
220 HAYTER 7
540270
1.0372 143.133
1.0372 143.128
1.0329 142.540
814 KILRY TP 23.885
1490 JAROW TP
72 JARROW 7 6.684
297 WAINWRI7
483 TUCUMAN7
1.0422 143.824
1.0337 142.651
1.0336 142.633
112 SUNKEN7
74 METIS647
1.0278 141.841
1.0282 141.891
1.0426 143.882
1.0423 143.838
1.0184 140.541
1.0661 147.119
1491 BAT. RV7
76 IPPL ST7
1007 HEIS_TP8 47.354
1.0579 145.989
373 IPL HAR7
1.0318 142.384
73 HARDIST7
78 SEDGEWI7
484 CLIPPER7
715 CLIPP_TP
1.0318 142.386
609 BAT SND1
860 BATSD_TP 36.791
1.0318 142.394
1.0317 142.374
809 EXPRESTP
1.0321 142.436
HRT EXP7
75 HUGHEND7 42.815
1.0287 141.957
1.0324 142.477
19427 NILREM5
1.0340 142.694
1427 NILREM3
1.0729 257.486 153.435
26.161
472ALTAP
87 METIS644
1.0700 256.811
547015
1.0337 142.649
24.013 14.092
547145
874 715AL TP 1.603
1.0283 141.906
1.0276 141.804
1.0284 141.915
648 HANSMAN8
152 RED DEE4 242.358
1422 NEVIS 4 236.185 6.570
1499 CORDEL 4
1489 BAT RV80
1.0424 250.181
1428 769_HVR
1423 NEVIS 7
547013 GOLDEYE TP 122.606 122.453
1469 BAT RV79
562092 EASTERV_G3
562091 EASTERV_F3
562090 EASTERV_MV3
561090 EASTERV_HV
541090 EASTERV_TAP
1.0721 257.298
564092 EASTERV_G1
564091 EASTER_F1
564090 EASTERV_MV1
563092 EASTERV_G2
563091 EASTERV_F2
563090 EASTERV_MV2
649 HANSMAN7
1.0721 257.301
147 GAETZ 4 106.723
1.0298 247.150
1.0695 147.587
1.0784 148.817
1.0473 251.358
1.0660 255.846
1.0641 255.386
1.0164 0.701
1.0211 0.705
1.0211 35.228
1.0211 35.229
1.0164 35.065
1.0211 35.065
1.0700 256.800
1429 948S_HV
1431 TNCHBRY1
602 GHOSTPI3
603 GHOSTPI1
1.0733 148.122
1.0699 147.647
1.0661 255.871
1403 PAINTRT4 100.493 2.065
549135 P2555_1 101.188 15.428
547103 DOLCYTAP 102.020 52.754
1419 PEMUKN1 1.0509 252.223
1.0706 256.938
1.0729 257.498
1.0678 256.277
1.0840 149.587
1.0810 149.178
12.567
5.898
1458 LOYALIS7
19471 MONITOR9
1.0432 26.079
1472 MONITOR8
1.0460 72.176
1459 EXCEL7
1.0638 146.798
1474 OYEN 7
1.0612 146.444
1.0339 142.673
549051
1.0339 142.673
1615 HTHFIELD
1433 3 HILLS7
1436 768S_HV
1.0695 147.586
1.0703 147.698
1448 MICH_C7
1460 WINT HI7 1.0797 149.001
542045 HIGH_TAP 143.830 45.645
1421 COYTLK1 143.830 45.645
1.0818 149.288
1447 963S_HV 143.628 53.982
1440 OAKLND1
1413 N_BRIGDEN
1.0832 259.968
1484 ANDERSO4
542002 GARDENPLAIN1 127.699 67.993
547102 9LA59TAP
1486 SHEER 24 139.841 49.633
1481 SHEER 14 139.644 45.394
1.0840 260.170
831 SEDALIA1
1.0498 251.955
547039 ROSLYN_TAP
1.0815 259.571
1438 LANFIN1
99438 LANFIN7
1.0219 25.546
1.0647 146.933
19438 LANFIN5
1.0850 149.729
1.0710 257.040
106.707
174.494
1.0235
174.295
21.609
1618 NEWELL1
311.421
701.742
333.663
333.840
0.000
7L92
174L
7L77
7L50
7L129
7L65
7L130
7L53
7L42
7L749
7L794
7L749
749L
748L
498L
749AL
715L
885L
7L224
7L110
7L127
7L116
7L132
7L7
7L159
7L143
7L16
7L137
7L25
7L171
7L128
7L59
7L117
7LA129
9L80
9L79
9L16
9L27
9L20
9L59
9L97
9L70
9L29
9L46
9LA46
9L24
953L
954L
1047L
962L
914L
912L
1060L
948L
966L
680L
679L
472L
703L
681L
702L
704L
701L
408L
491L
1.0878 256.277
1.0733 148.122
1.0699 147.647
1.0695 147.586
1.0703 147.698
1.0649 146.960
1.0797 149.001
1.0818 149.288
1.0759 258.220
1.0498 251.955
1.0832 259.968
1.0815 259.571
1.0840 260.170
1.0499 251.972
1.0706 256.938
1.0729 257.498
1.0678 256.277
1.0647 146.933
1.0339 142.673
1.0339 142.673
1.0612 146.444
1.0638 146.798
1.0460 72.176
1.0432 26.079
1.0850 149.729
1.0840 149.587
1.0810 149.178
1.0700 256.800
1.0710 257.040
1.0721 257.301
1.0721 257.298
1.0700 256.811
1.0284 141.915
1.0276 141.804
1.0283 141.906
1.0337 142.649
1.0372 143.128
1.0372 143.133
1.0329 142.540
1.0282 141.891
1.0278 141.841
1.0337 142.651
1.0340 142.694
1.0729 257.486
1.0287 141.957
1.0324 142.477
1.0317 142.374
1.0318 142.384
1.0318 142.386
1.0318 142.394
1.0423 143.838
1.0422 143.824
1.0422 143.827
1.0426 143.882
1.0494 144.824
1.0495 144.826
1.0627 146.658
1.0601 146.297
1.0614 146.467
1.0661 147.119
1.0184 140.541
1.0211 0.705
1.0211 35.228
1.0211 35.229
1.0211 35.065
1.0164 0.701
1.0164 35.065
1.0211 35.228
1.0211 35.229
1.0211 0.705
1.0164 0.701
1.0211 35.228
1.0211 35.229
1.0211 35.065
1.0164 0.701
1.0211 0.705

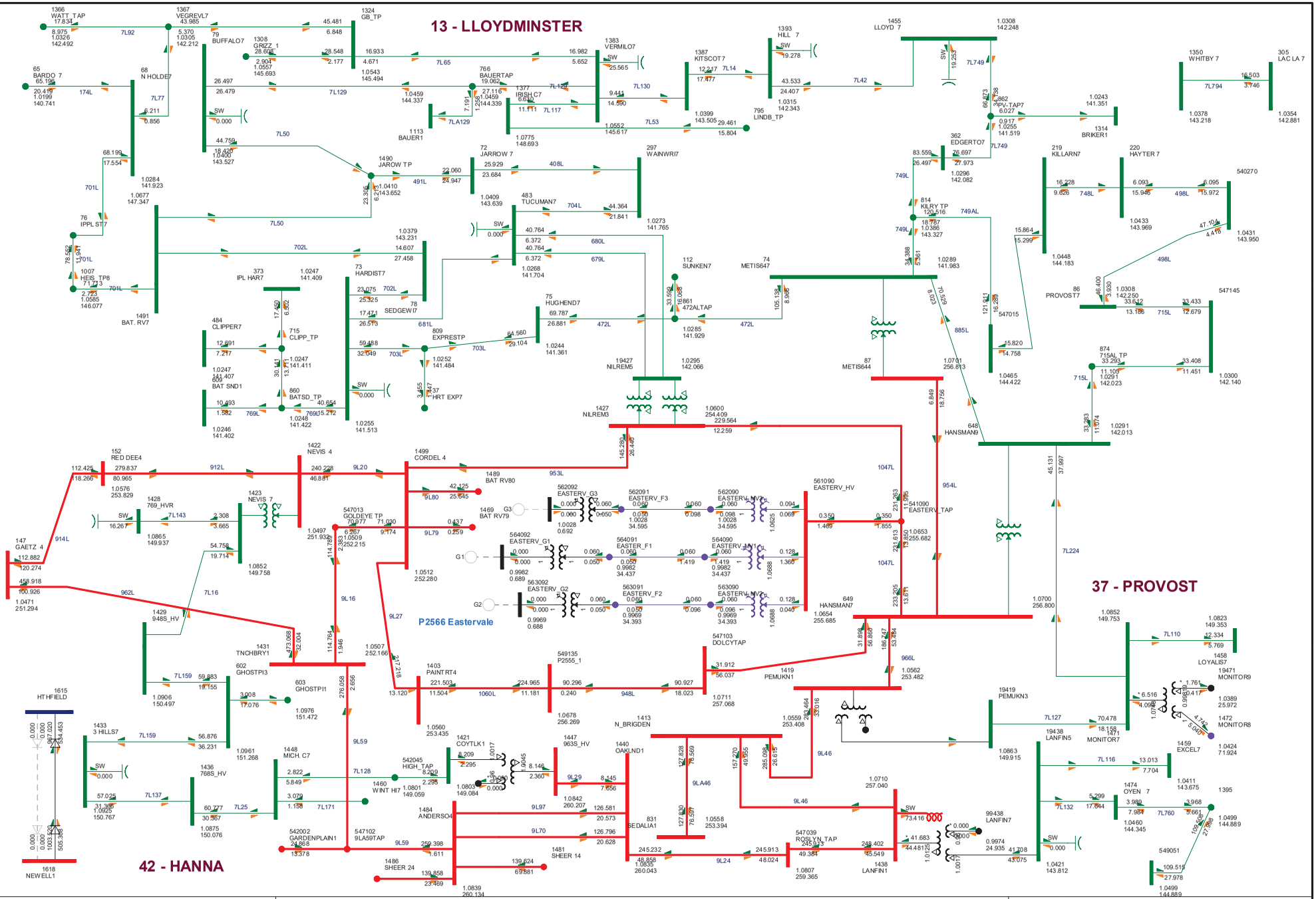


P2566 Eastervale Solar Battery

FIGURE A2.5-0-N-0: NORMAL OPERATION (PRE-CURTAILMENT)
2028 SUMMER PEAK LOW GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

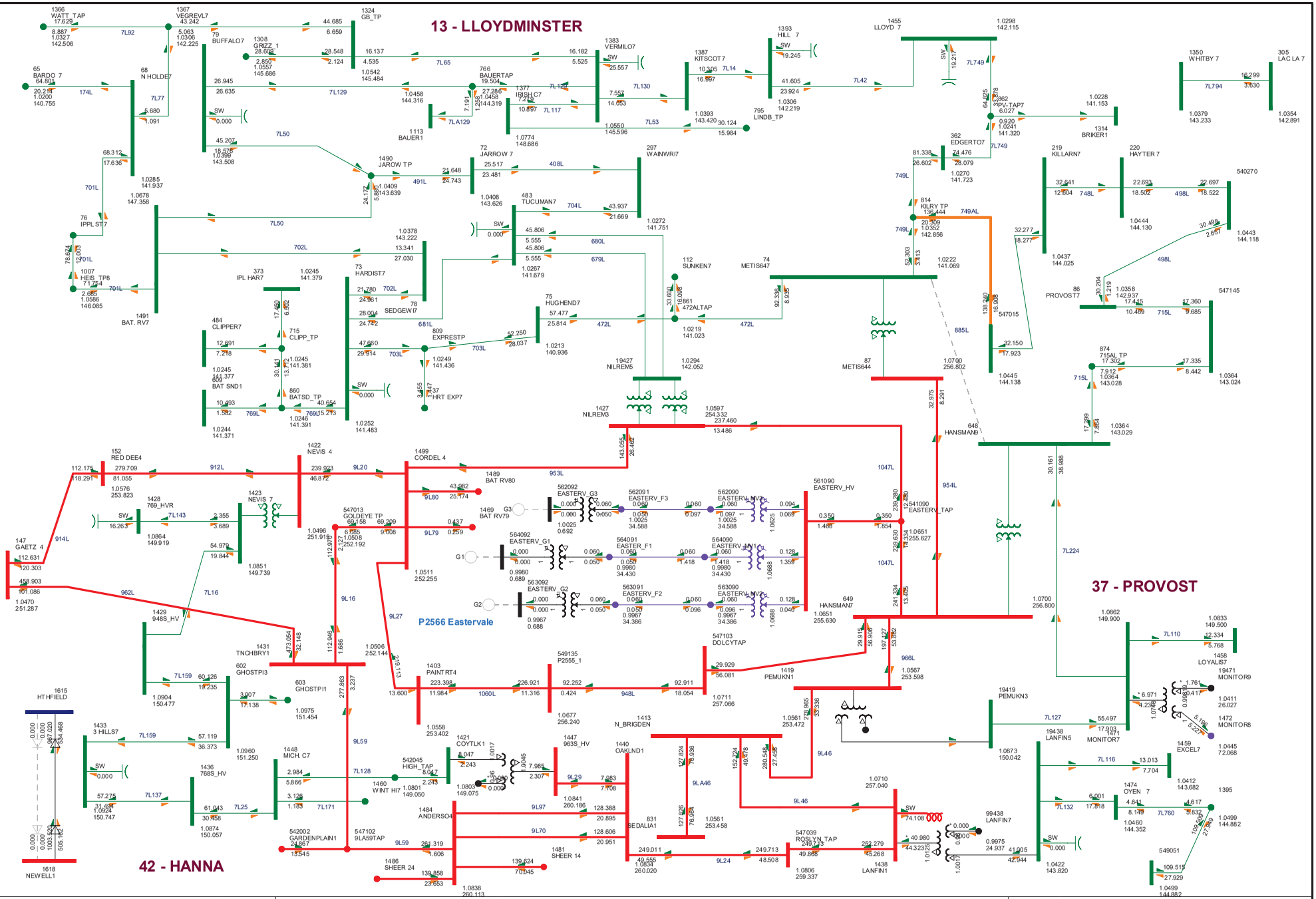


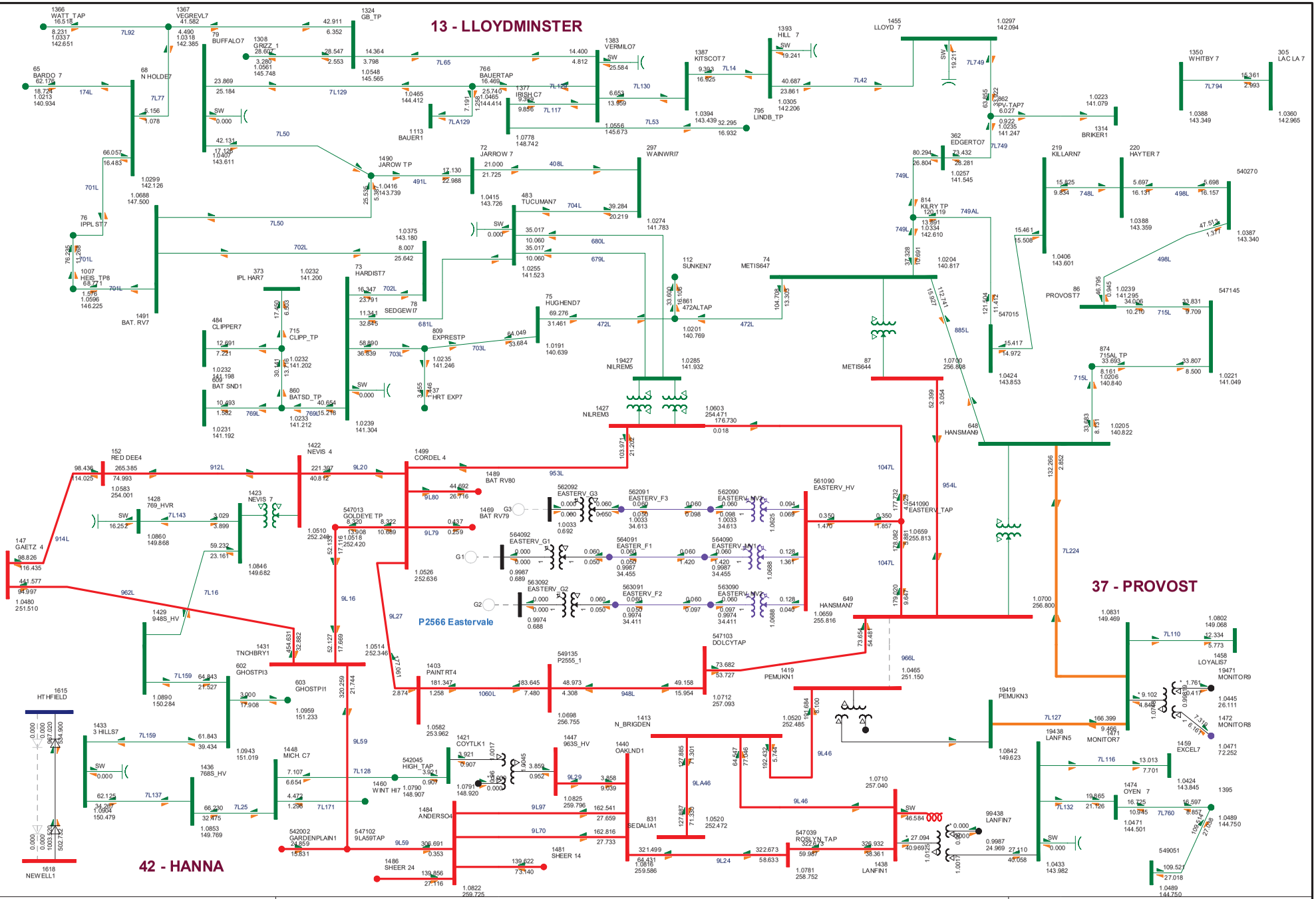
P2566 Eastervale Solar Battery

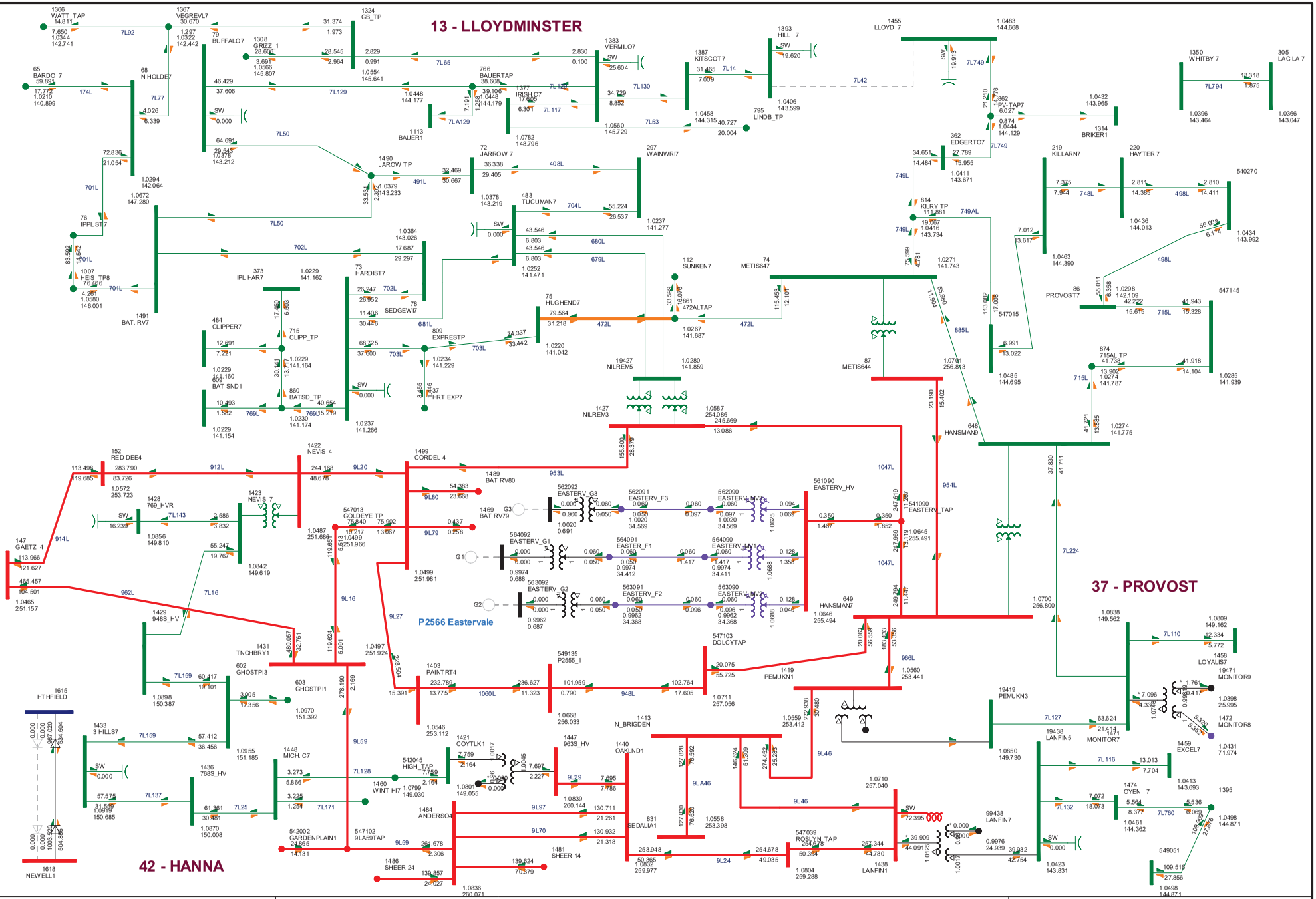
FIGURE A2.5-1-N-0: NORMAL OPERATION
2028 SUMMER PEAK LOW GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000


13 - LLOYDMINSTER
37 - PROVOST
42 - HANNA
P2566 Eastervale
1366 WATT_TAP 17.625
1367 VEGREVL7 43.242
65 BARDO_7 64.801
68 N HOLDE7
1308 GRIZZ_1 28.625
1324 GB_TP
1383 VERMILO7
1387 KITSCOT7
1393 HILL_7
1455 LLOYD 7
1350 WHITBY 7
305 LAC LA 7
766 BAUERTAP 19.504
1377 IRISH_C7
795 LINDB_TP
1113 BAUER1
1490 JAROW TP
72 JARROW 7
297 WAINWRI7
483 TUCUMAN7
112 SUNKEN7
74 METIS647
362 EDGERT07
814 KILRY TP
219 KILLARN7
220 HAYTER 7
540270
76 IPPL ST7
1007 HEIS_TP8
1491 BAT. RV7
373 IPL HAR7
73 HARDIST7
78 SEDGEWI7
484 CLIPPER7
715 CLIPP_TP
609 BAT SND1
860 BATSD_TP
809 EXPRESTP
HRT EXP7
75 HUGHEND7
472ALTAP
547015
86 PROVOST7
874 715AL_TP
547145
19427 NILREM5
1427 NILREM3
87 METIS644
648 HANSMAN8
649 HANSMAN7
147 GAETZ 4
152 RED DEE4
1422 NEVIS 4
1499 CORDEL 4
1423 NEVIS 7
1428 769_HVR
1489 BAT RV80
1469 BAT RV79
547013 GOLDEYE TP
562092 EASTERV_G3
562091 EASTERV_F3
562090 EASTERV_MV3
561090 EASTERV_HV
541090 EASTERV_TAP
564092 EASTERV_G1
564091 EASTER_F1
564090 EASTERV_MV1
563092 EASTERV_G2
563091 EASTERV_F2
563090 EASTERV_MV2
1429 948S_HV
1431 TNCHBRY1
602 GHOSTPI3
603 GHOSTPI1
1403 PAINTRT4
549135 P2555_1
547103 DOLCYTAP
1419 PEMUKN1
19419 PEMUKN3
1615 HTHFIELD
1433 3 HILLS7
1436 768S_HV
1448 MICH_C7
1460 WINT HI7
542045 HIGH_TAP
1421 COYTLK1
1447 963S_HV
1440 OAKLND1
1413 N_BRIGDEN
1484 ANDERSO4
831 SEDALIA1
542002 GARDENPLAIN1
547102 9LA59TAP
1481 SHEER 14
1486 SHEER 24
1618 NEWELL1
547039 ROSLYN_TAP
1438 LANFIN1
99438 LANFIN7
19438 LANFIN5
1471 MONITOR7
1458 LOYALIS7
19471 MONITOR9
1472 MONITOR8
1459 EXCEL7
1474 OYEN 7
549051
914L
912L
962L
953L
954L
1047L
885L
966L
7L224
P2566 Eastervale Solar Battery
FIGURE A2.5-2 N-1: 885L (METISKOW 648S TO HANSMAN LAKE 650S)
2028 SUMMER PEAK LOW GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024
Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar
kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000


13 - LLOYDMINSTER
37 - PROVOST
42 - HANNA
P2566 Eastervale
1366 WATT_TAP 16.518
1367 VEGREVL7 41.582
1324 GB_TP
65 BARDO_7 62.176
68 N HOLDE7
1308 GRIZZ_1 28.601
1383 VERMILO7
1387 KITSCOT7 9.393
1393 HILL_7
1455 LLOYD 7
1350 WHITBY 7
305 LAC LA 7
766 BAUERTAP 16.469
1377 IRISH_C7 9.355
795 LINDB_TP
1113 BAUER1
1314 BRIKER1
362 EDGERTO7
PV-TAP7 6.027
1490 JAROW TP
72 JARROW 7 21.000
297 WAINWRI7
483 TUCUMAN7
76 IPPL ST7
1007 HEIS_TP8 68.271
1491 BAT. RV7
373 IPL HAR7
73 HARDIST7
78 SEDGEWI7
484 CLIPPER7
715 CLIPP_TP
609 BAT SND1
860 BATSD_TP
809 EXPRESTP
HRT EXP7
75 HUGHEND7
112 SUNKEN7
74 METIS647
472ALTAP
814 KILRY TP
219 KILLARN7
220 HAYTER 7
540270
86 PROVOST7
547145
547015
874 715AL_TP
87 METIS644
1427 NILREM3
19427 NILREM5
648 HANSMAN8
649 HANSMAN7
147 GAETZ 4
152 RED DEE4
1422 NEVIS 4
1499 CORDEL 4
1423 NEVIS 7
1428 769_HVR
547013 GOLDEYE TP
1489 BAT RV80
1469 BAT RV79
562092 EASTERV_G3
562091 EASTERV_F3
562090 EASTERV_MV3
561090 EASTERV_HV
541090 EASTERV_TAP
564092 EASTERV_G1
564091 EASTER_F1
564090 EASTERV_MV1
563092 EASTERV_G2
563091 EASTERV_F2
563090 EASTERV_MV2
1429 948S_HV
1431 TNCHBRY1
602 GHOSTPI3
603 GHOSTPI1
1403 PAINTRT4
549135 P2555_1
547103 DOLCYTAP
1419 PEMUKN1
19419 PEMUKN3
1615 HTHFIELD
1433 3 HILLS7
1436 768S_HV
1448 MICH_C7
1460 WINT HI7
542045 HIGH_TAP
1421 COYTLK1
1447 963S_HV
1440 OAKLND1
1413 N_BRIGDEN
1484 ANDERSO4
831 SEDALIA1
542002 GARDENPLAIN1
547102 9LA59TAP
1481 SHEER 14
1486 SHEER 24
1618 NEWELL1
547039 ROSLYN_TAP
1438 LANFIN1
99438 LANFIN7
19438 LANFIN5
1471 MONITOR7
1472 MONITOR8
19471 MONITOR9
1458 LOYALIS7
1459 EXCEL7
1474 OYEN 7
549051
P2566 Eastervale Solar Battery
FIGURE A2.5-3 N-1: 966L (HANSMAN LAKE 650S TO PEMUKAN 932S)
2028 SUMMER PEAK LOW GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024
Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar
kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

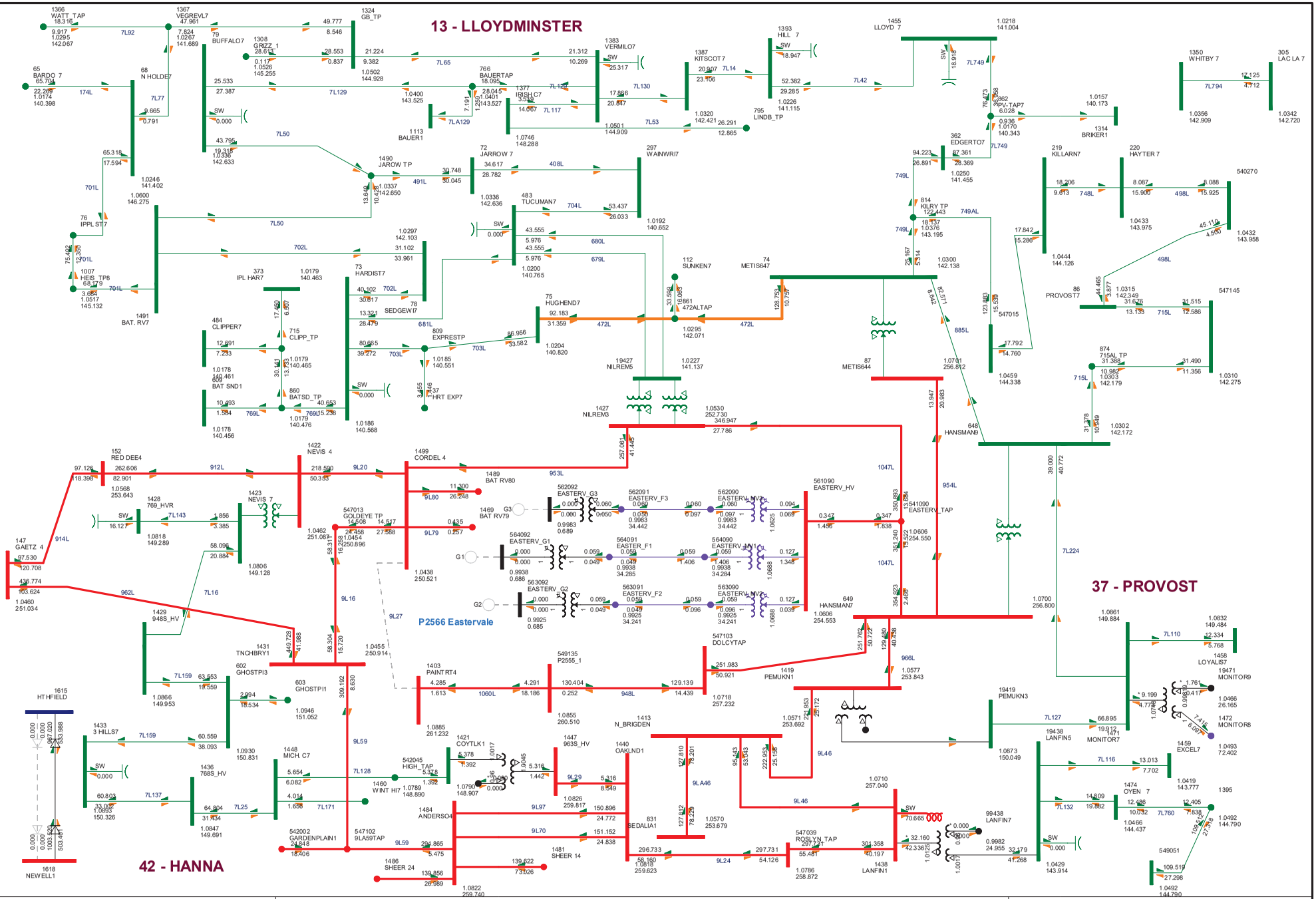


P2566 Eastervale Solar Battery

FIGURE A2.5-4 N-1: 7L42 (HILL 751S TO LLOYDMINSTER 716S)
2028 SUMMER PEAK LOW GENERATION (PRE-CONNECTION)
PRINTED ON FRIDAY 15. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

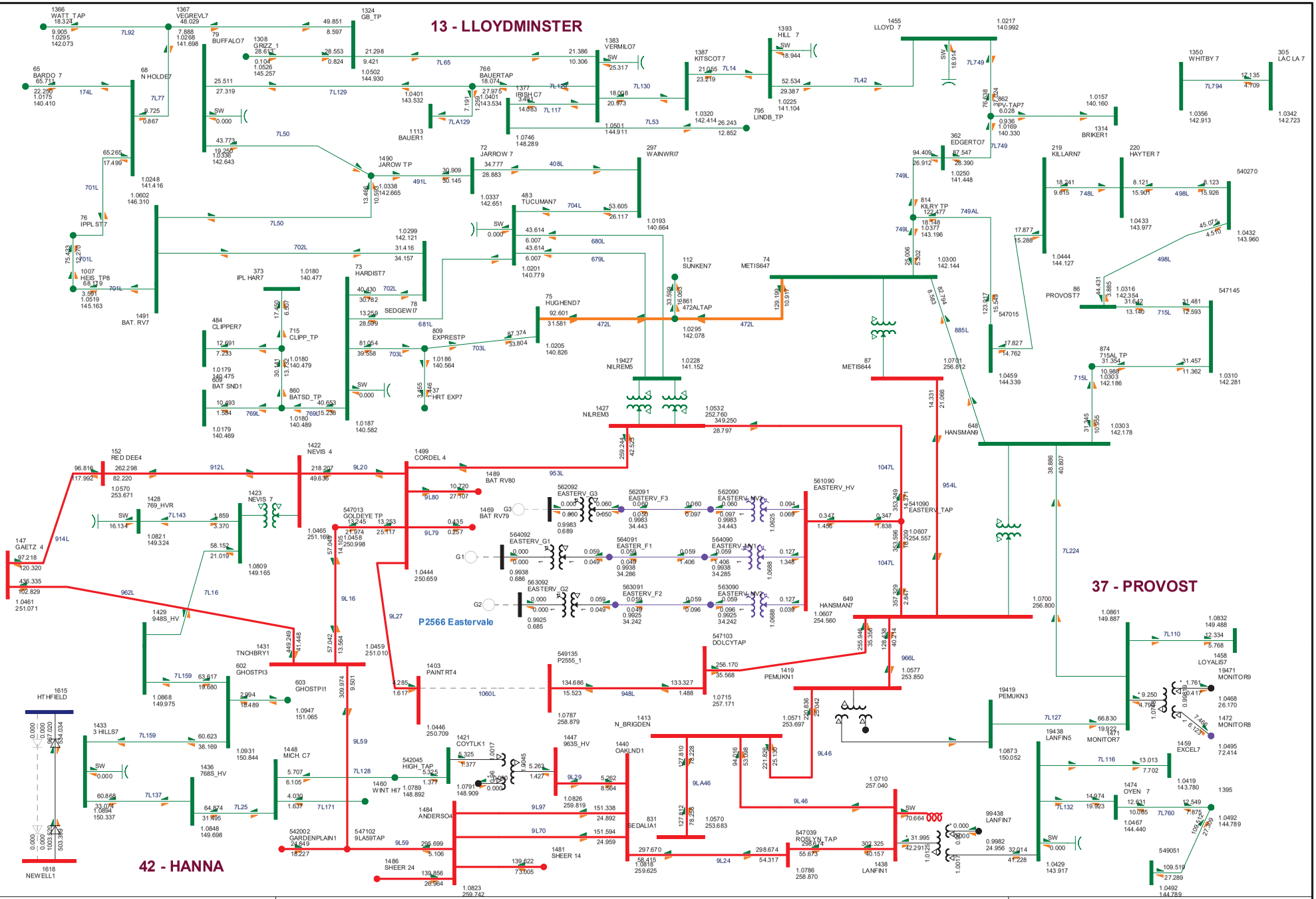


P2566 Eastervale Solar Battery

FIGURE A2.5-5 N-1: 9L27 (PAINTEARTH CREEK 863S TO CORDEL 755S)
2028 SUMMER PEAK LOW GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

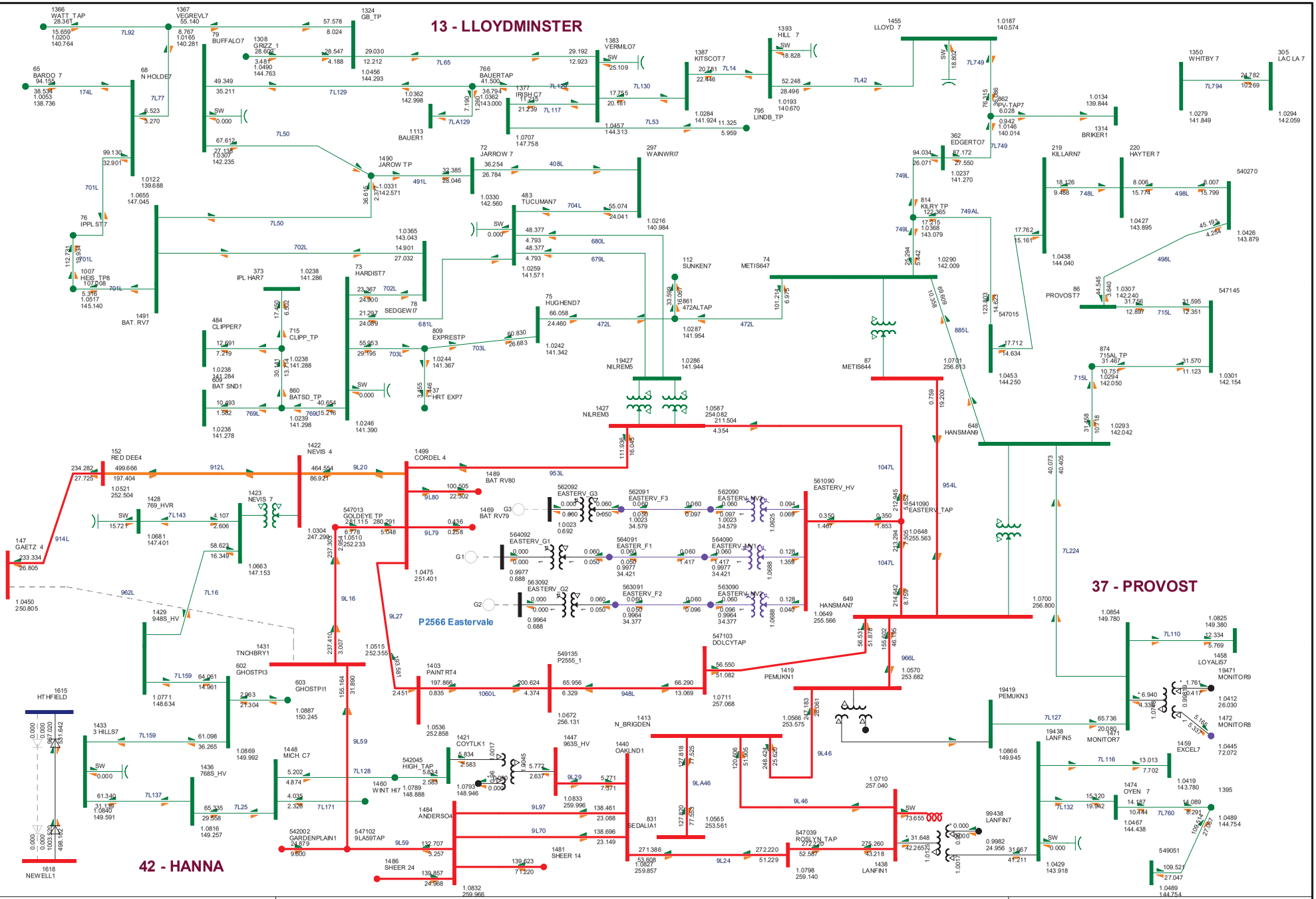


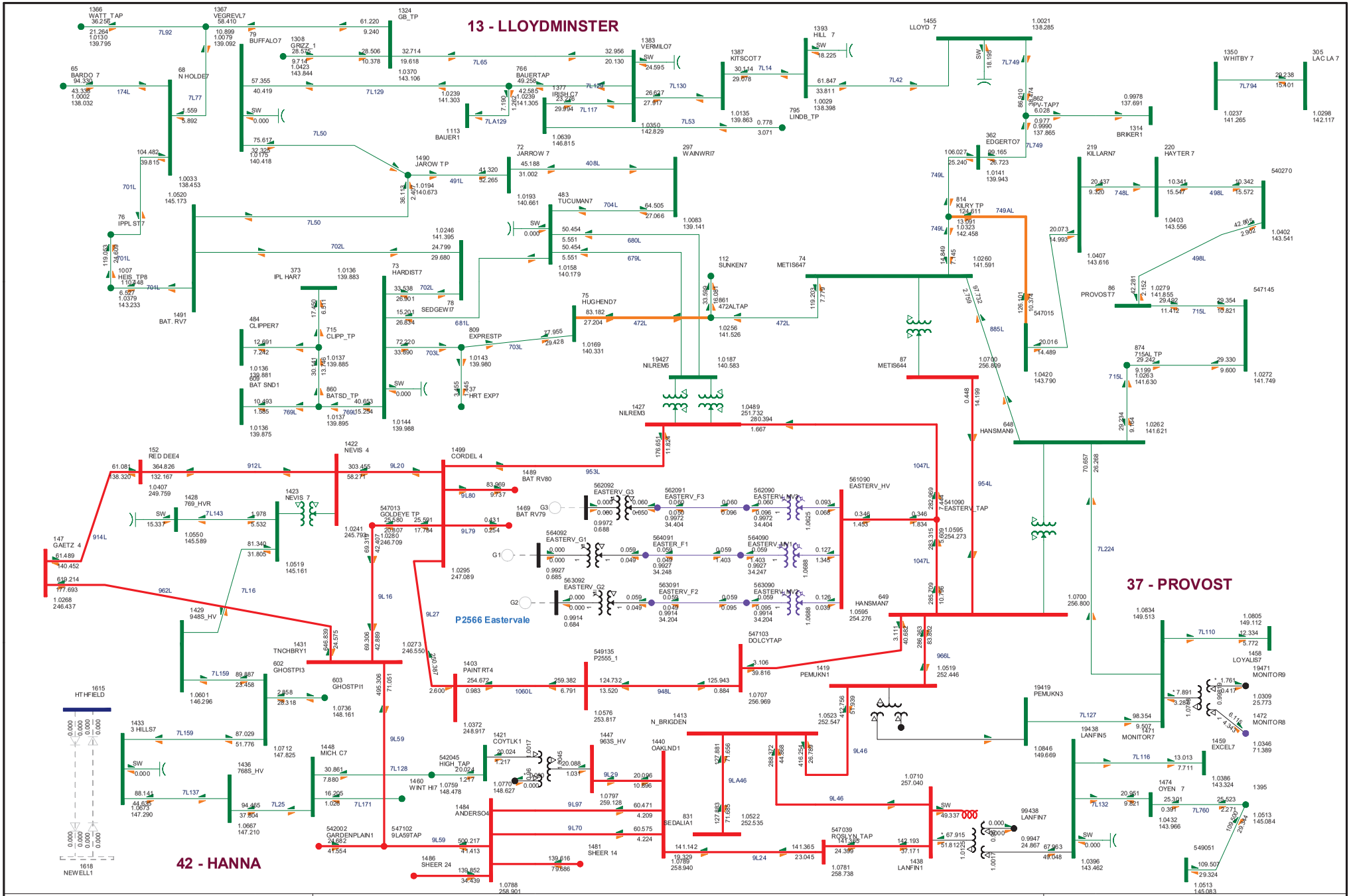
P2566 Eastervale Solar Battery

FIGURE A2.5-6 N-1: 1060L (PAINTEARTH 863S TO P2555 SWITCHING SUB)
2028 SUMMER PEAK LOW GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000


13 - LLOYDMINSTER
37 - PROVOST
42 - HANNA
P2566 Eastervale
1366 WATT_TAP 28.361
1367 VEGREVL7 55.140
1324 GB_TP
1308 GRIZZ_1 28.622
1383 VERMILO7
1387 KITSCOT7
1393 HILL_7
1455 LLOYD 7
1350 WHITBY 7
305 LAC LA 7
65 BARDO_7 94.155
68 N HOLDE7
766 BAUERTAP 41.500
1377 IRISH_C7 17.245
795 LINDB_TP
362 EDGERTO7 87.172
PV-TAP7 6.028
1314 BRIKER1
219 KILLARN7
220 HAYTER 7
540270
1490 JAROW TP
72 JARROW 7 36.254
297 WAINWRI7
483 TUCUMAN7
814 KILRY_TP 122.365
76 IPPL ST7
1007 HEIS_TP8 107.008
1491 BAT. RV7
373 IPL HAR7
73 HARDIST7
78 SEDGEWI7
484 CLIPPER7
715 CLIPP_TP
809 EXPRESTP
HRT EXP7
860 BATSD_TP
BAT SND1
75 HUGHEND7
112 SUNKEN7
74 METIS647
472ALTAP
86 PROVOST7
547145
547015
874 715AL_TP 31.467
87 METIS644
19427 NILREM5
1427 NILREM3
648 HANSMAN8
649 HANSMAN7
152 RED DEE4
1422 NEVIS 4
1499 CORDEL 4
1489 BAT RV80
1469 BAT RV79
562092 EASTERV_G3
562091 EASTERV_F3
562090 EASTERV_MV3
561090 EASTERV_HV
541090 EASTERV_TAP
564092 EASTERV_G1
564091 EASTER_F1
564090 EASTERV_MV1
563092 EASTERV_G2
563091 EASTERV_F2
563090 EASTERV_MV2
147 GAETZ 4
1428 769_HVR
1423 NEVIS 7
547013 GOLDEYE TP 281.115 280.291
1429 948S_HV
1431 TNCHBRY1
602 GHOSTPI3
603 GHOSTPI1
1403 PAINTRT4
549135 P2555_1
547103 DOLCYTAP
1419 PEMUKN1
19419 PEMUKN3
1615 HTHFIELD
1618 NEWELL1
1433 3 HILLS7
1436 768S_HV
1448 MICH_C7
1460 WINT HI7
542045 HIGH_TAP
1421 COYTLK1
1447 963S_HV
1440 OAKLND1
1413 N_BRIGDEN
1484 ANDERSO4
831 SEDALIA1
542002 GARDENPLAIN1
547102 9LA59TAP
1481 SHEER 14
1486 SHEER 24
547039 ROSLYN_TAP
1438 LANFIN1
99438 LANFIN7
19438 LANFIN5
1471 MONITOR7
1472 MONITOR8
19471 MONITOR9
1458 LOYALIS7
1459 EXCEL7
1474 OYEN 7
549051
P2566 Eastervale Solar Battery
FIGURE A2.5-7 N-1: 962L/9L62 (TINCHEBRAY 972S TO GAETZ 87S)
2028 SUMMER PEAK LOW GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024
Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar
kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

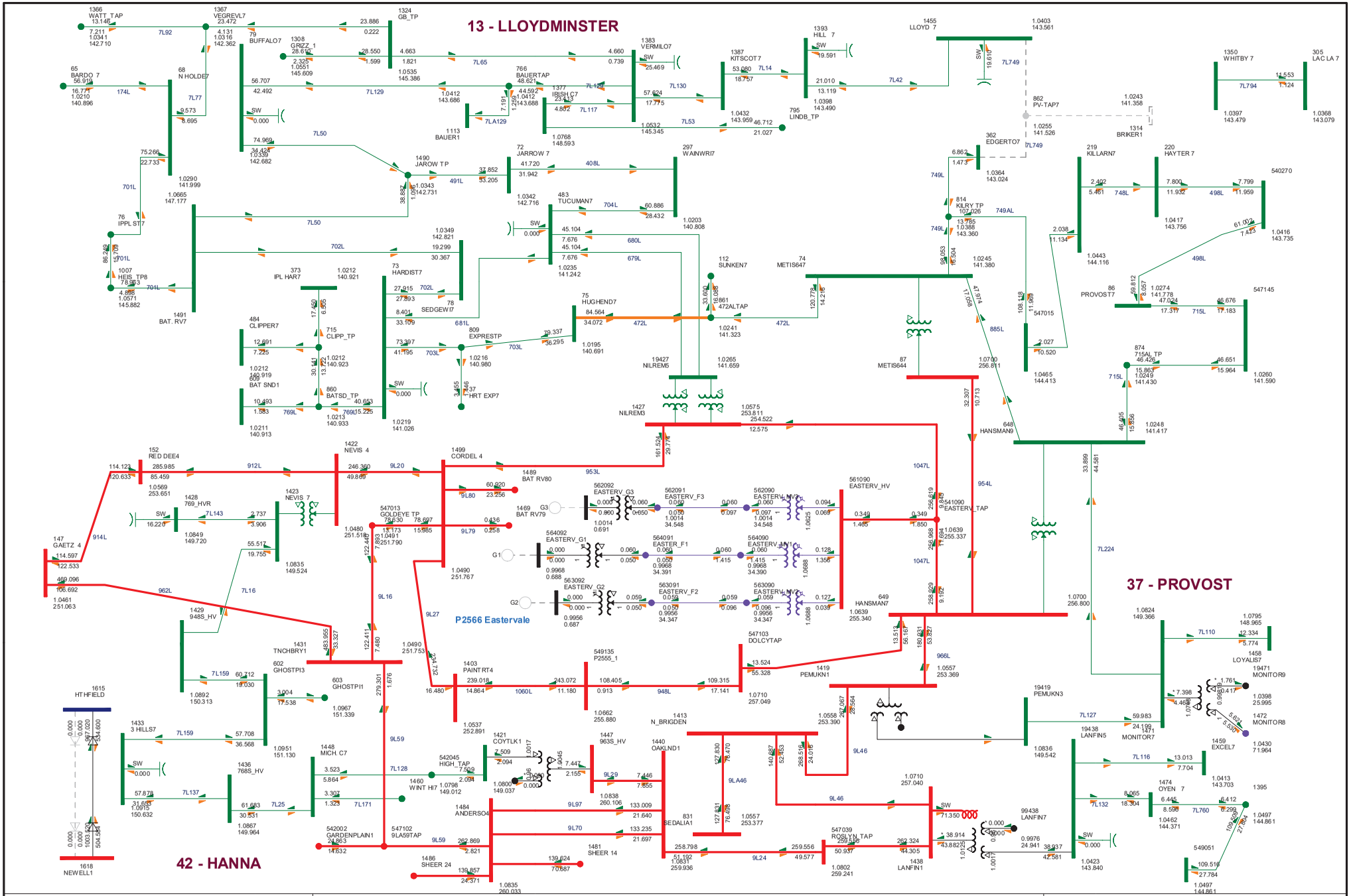


P2566 Eastervale Solar Battery

FIGURE A2.5-8 N-1: EATL
2028 SUMMER PEAK LOW GENERATION (PRE-CONNECTION)
PRINTED ON FRIDAY 15. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

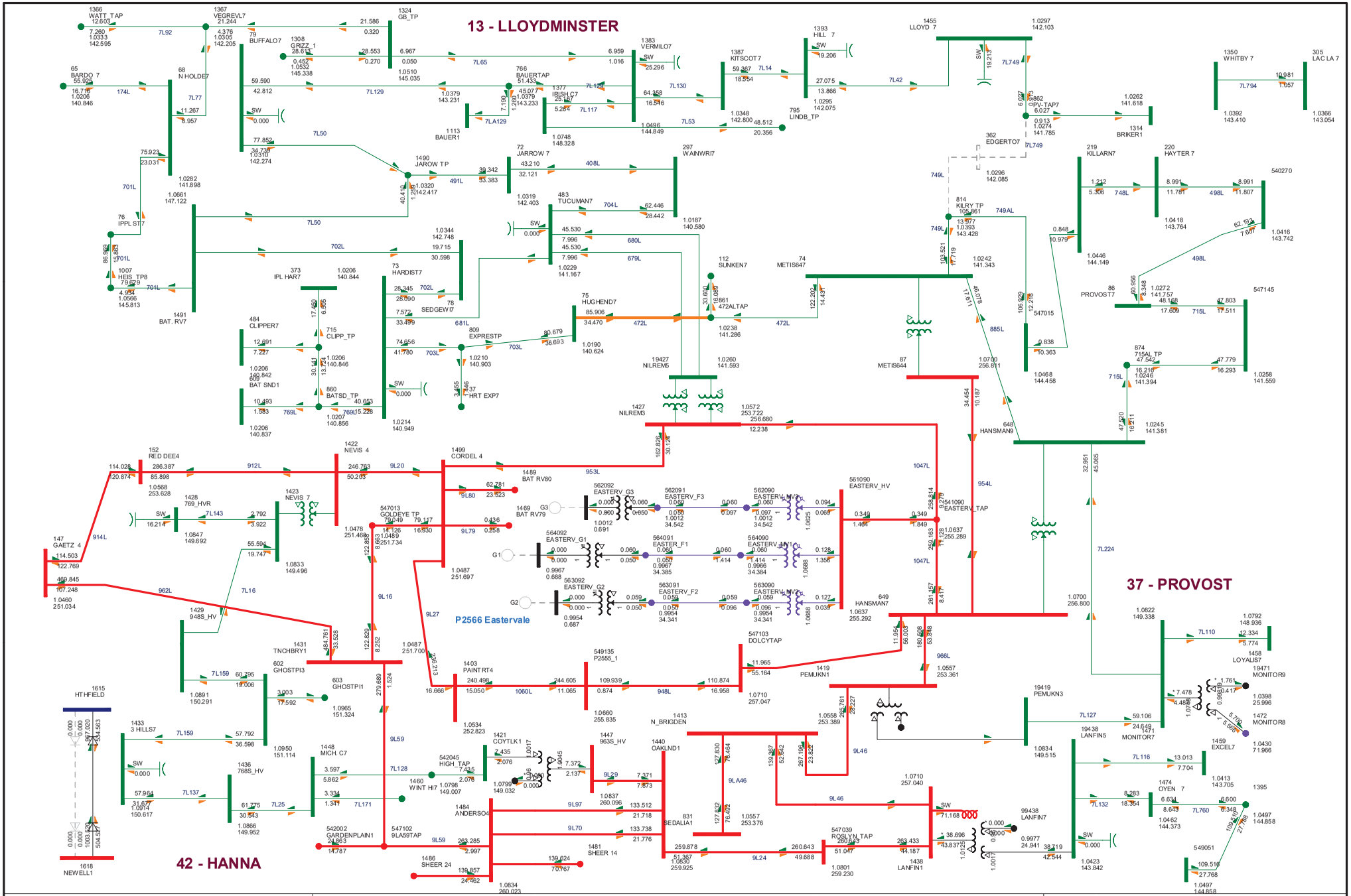


P2566 Eastervale Solar Battery

FIGURE A2.5-9 N-1: 749L/7L749 (EDGERTON 899S TO LLOYDMINSTER 716S)
2028 SUMMER PEAK LOW GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

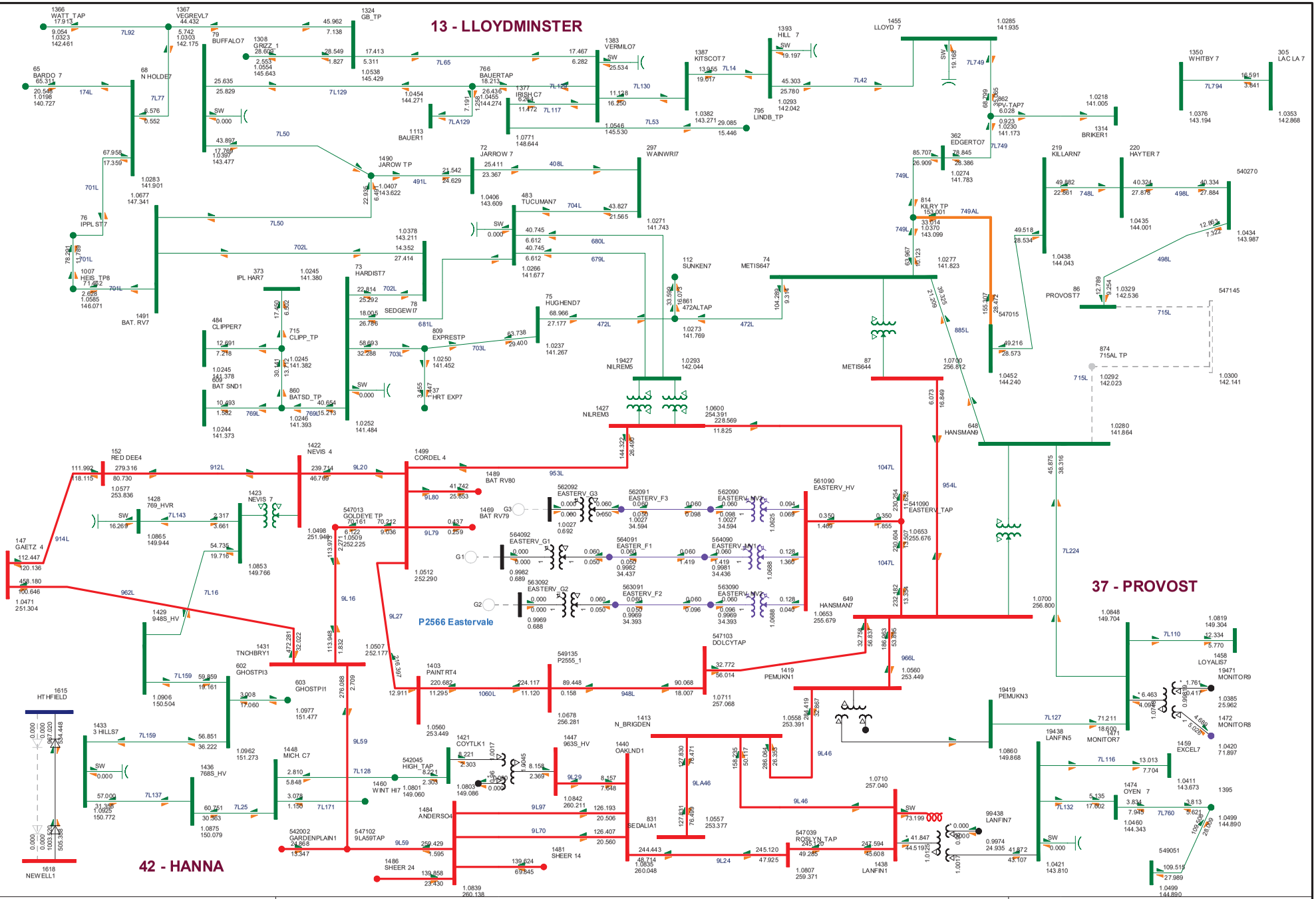


P2566 Eastervale Solar Battery

FIGURE A2.5-10 N-1: EDGERTON 899S TRANSFORMER T1
2028 SUMMER PEAK LOW GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

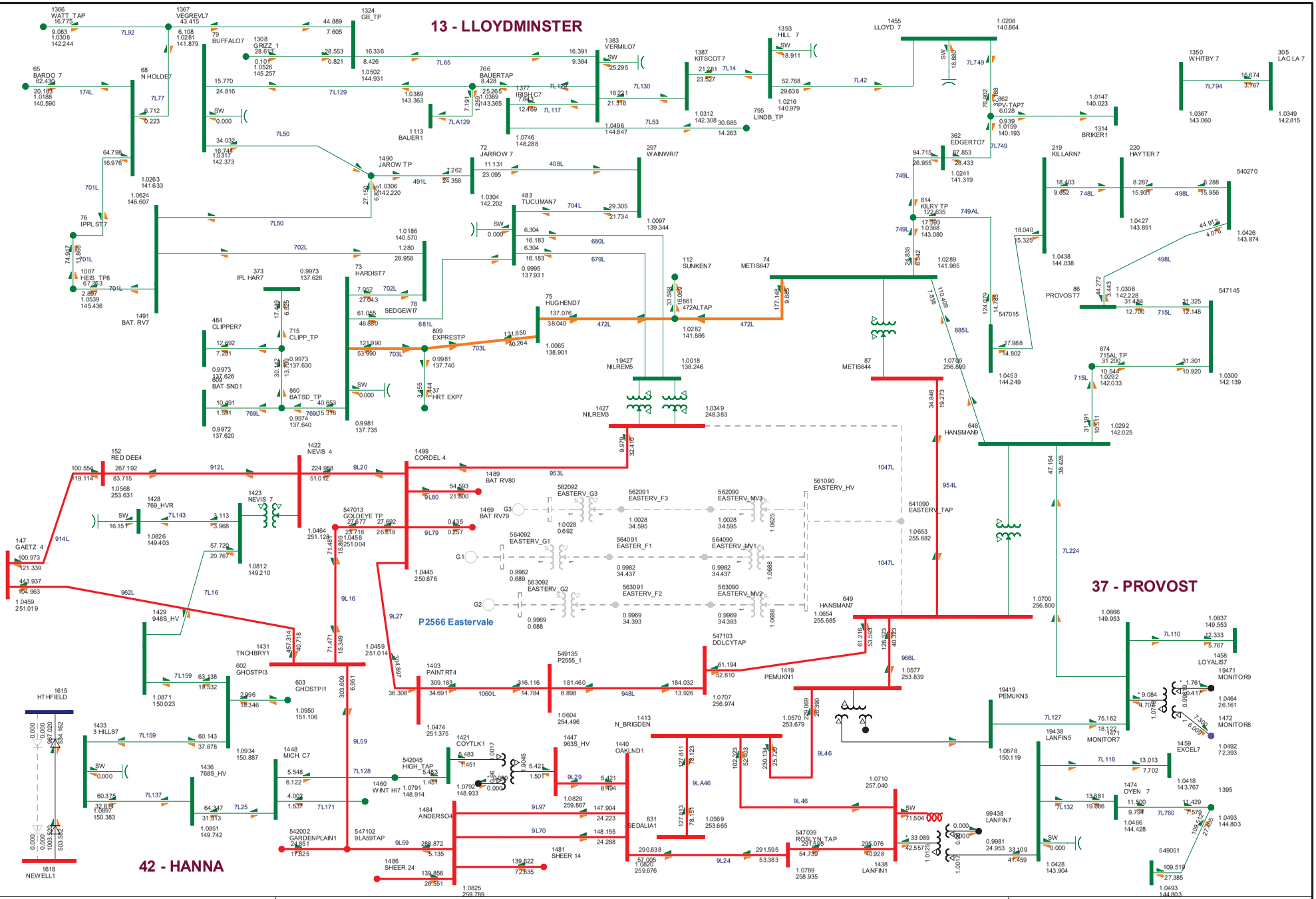


P2566 Eastervale Solar Battery

FIGURE A2.5-11 N-1: 715L (HANSMAN LAKE 650S TO PROVOST 545S)
2028 SUMMER PEAK LOW GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

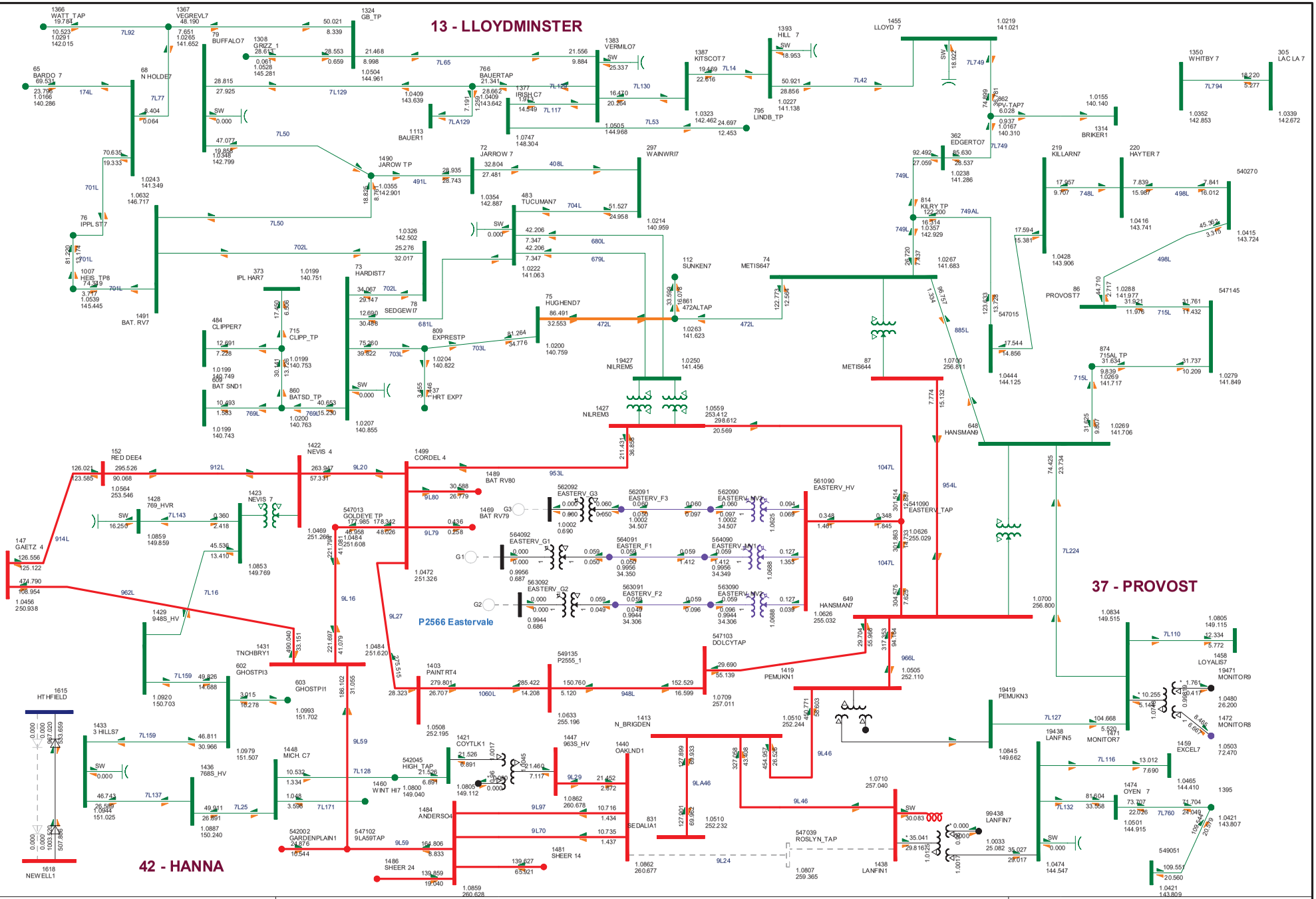


P2566 Eastervale Solar Battery

FIGURE A2.5-12 N-1: 1047L (HANSMAN LAKE 650S TO NILREM 574S)
2028 SUMMER PEAK LOW GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

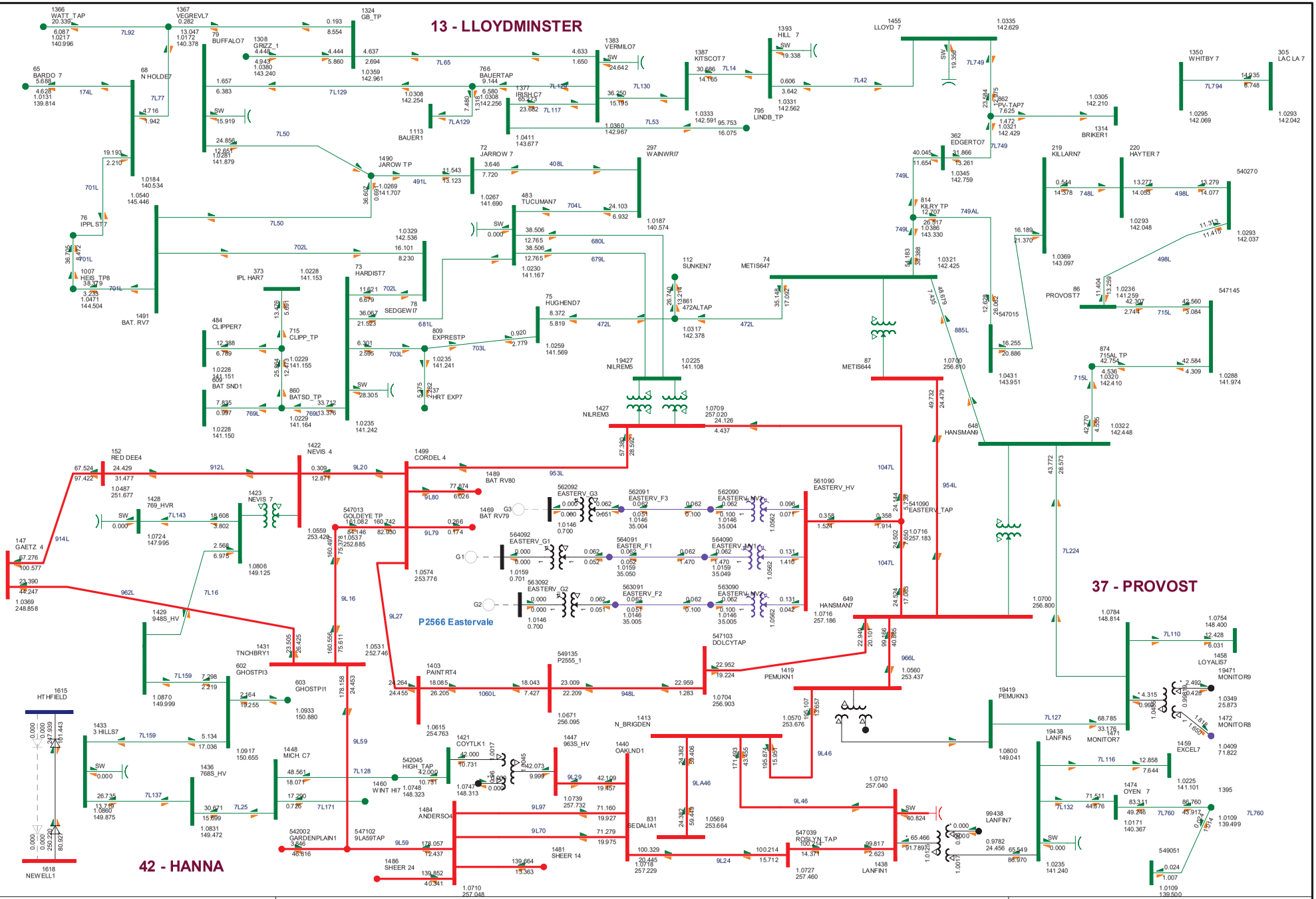


P2566 Eastervale Solar Battery

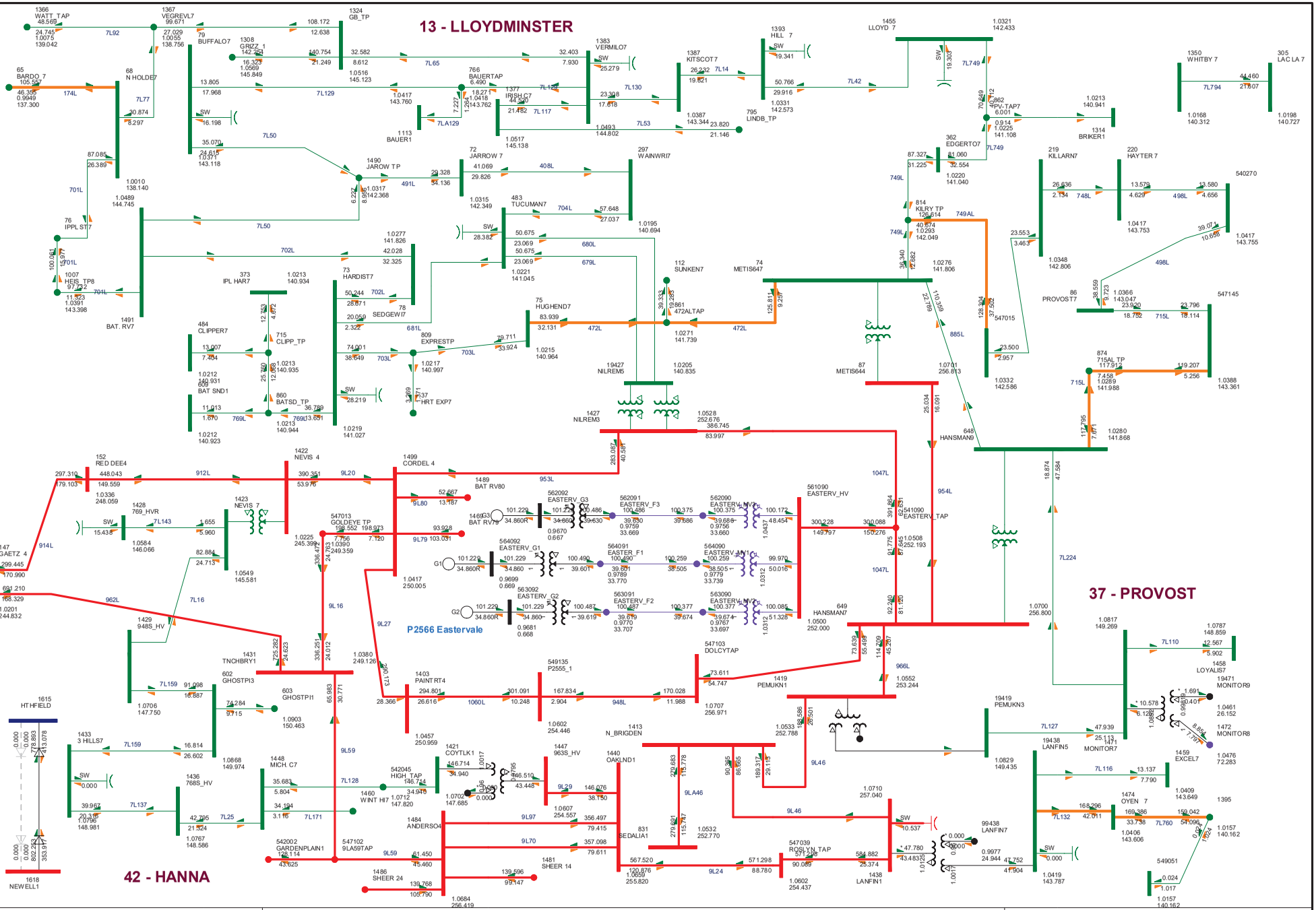
FIGURE A2.5-13 N-1: 9L24 (OAKLAND 946S - LANFINE 959S)
2028 SUMMER PEAK LOW GENERATION (PRE-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000


13 - LLOYDMINSTER
37 - PROVOST
42 - HANNA
P2566 Eastervale
1366 WATT_TAP 20.395
1367 VEGREVL7 0.282
1324 GB_TP
1308 GRIZZ_1 4.448
1383 VERMILO7
1387 KITSCOT7 30.686
1393 HILL_7
1455 LLOYD 7
1350 WHITBY 7
305 LAC LA 7
65 BARDO_7 5.688
68 N HOLDE7
766 BAUERTAP 9.144
1377 IRISH_C7 65.423
795 LINDB_TP
1113 BAUER1
1314 BRIKER1
362 EDGERT07
PV-TAP7 7.625
1490 JAROW TP
72 JARROW 7 3.646
297 WAINWRI7
483 TUCUMAN7
76 IPPL ST7
1007 HEIS_TP8 38.379
1491 BAT. RV7
373 IPL HAR7
73 HARDIST7
78 SEDGEWI7
809 EXPRESTP
HRT EXP7
484 CLIPPER7
715 CLIPP_TP
609 BAT SND1
860 BATSD_TP 33.742
75 HUGHEND7 8.372
112 SUNKEN7
74 METIS647
87 METIS644
814 KILRY TP 12.207
219 KILLARN7
220 HAYTER 7
540270
86 PROVOST7
547145
547015
874 715AL_TP 42.754
19427 NILREM5
1427 NILREM3
648 HANSMAN8
152 RED DEE4
1422 NEVIS 4
1499 CORDEL 4
1489 BAT RV80
1423 NEVIS 7
1428 769_HVR
547013 GOLDEYE TP 161.082 160.742
1469 BAT RV79
562092 EASTERV_G3
562091 EASTERV_F3
562090 EASTERV_MV3
561090 EASTERV_HV
541090 EASTERV_TAP
564092 EASTERV_G1
564091 EASTER_F1
564090 EASTERV_MV1
563092 EASTERV_G2
563091 EASTERV_F2
563090 EASTERV_MV2
147 GAETZ 4
1429 948S_HV
1431 TNCHBRY1
602 GHOSTPI3
603 GHOSTPI1
549135 P2555_1
1403 PAINTRT4
547103 DOLCYTAP
649 HANSMAN7
1419 PEMUKN1
19419 PEMUKN3
1458 LOYALIS7
19471 MONITOR9
1472 MONITOR8
1471 MONITOR7
1459 EXCEL7
1615 HTHFIELD
1433 3 HILLS7
1436 768S_HV
1448 MICH. C7
1460 WINT HI7
542045 HIGH_TAP
1421 COYTLK1
1447 963S_HV
1440 OAKLND1
1413 N_BRIGDEN
19438 LANFIN5
1474 OYEN 7
1395
1484 ANDERSO4
831 SEDALIA1
547102 9LA59TAP
542002 GARDENPLAIN1
1481 SHEER 14
1486 SHEER 24
1618 NEWELL1
547039 ROSLYN_TAP
99438 LANFIN7
1438 LANFIN1
549051
7L92
7L65
7L129
7L130
7L53
7L42
7L749
7L794
7L50
7L77
7L117
7L14
7L129
7LA129
7L701
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7L704
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7L408
7L491
7L472
7L885
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7L1096
7L1097
7L1098
7L1099

Attachment A3
Post-Project Power Flow Diagrams

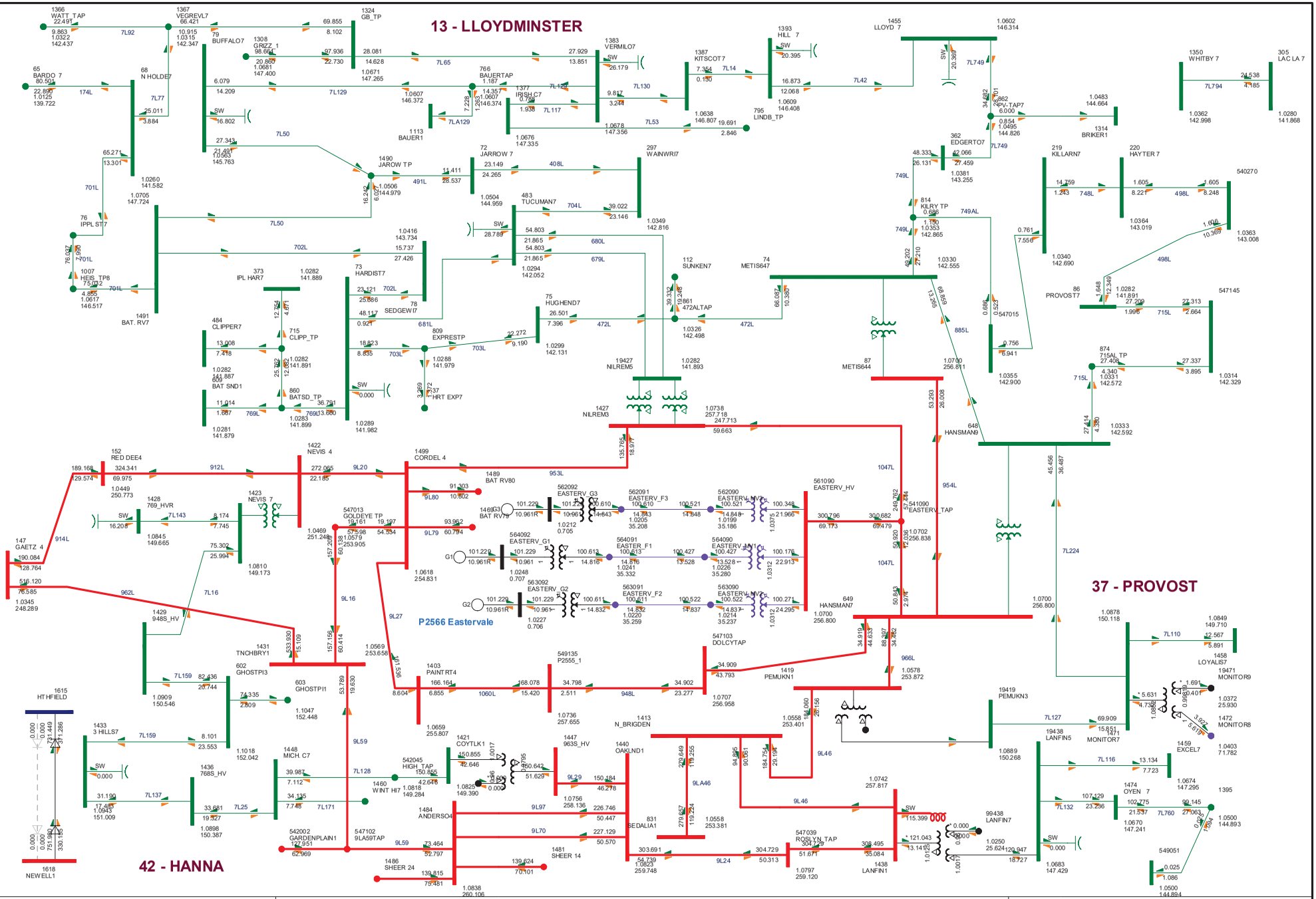


P2566 Eastervale Solar Battery

FIGURE A3.1-0-N-0: NORMAL OPERATION (PRE-CURTAILMENT)
2028 SUMMER PEAK HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

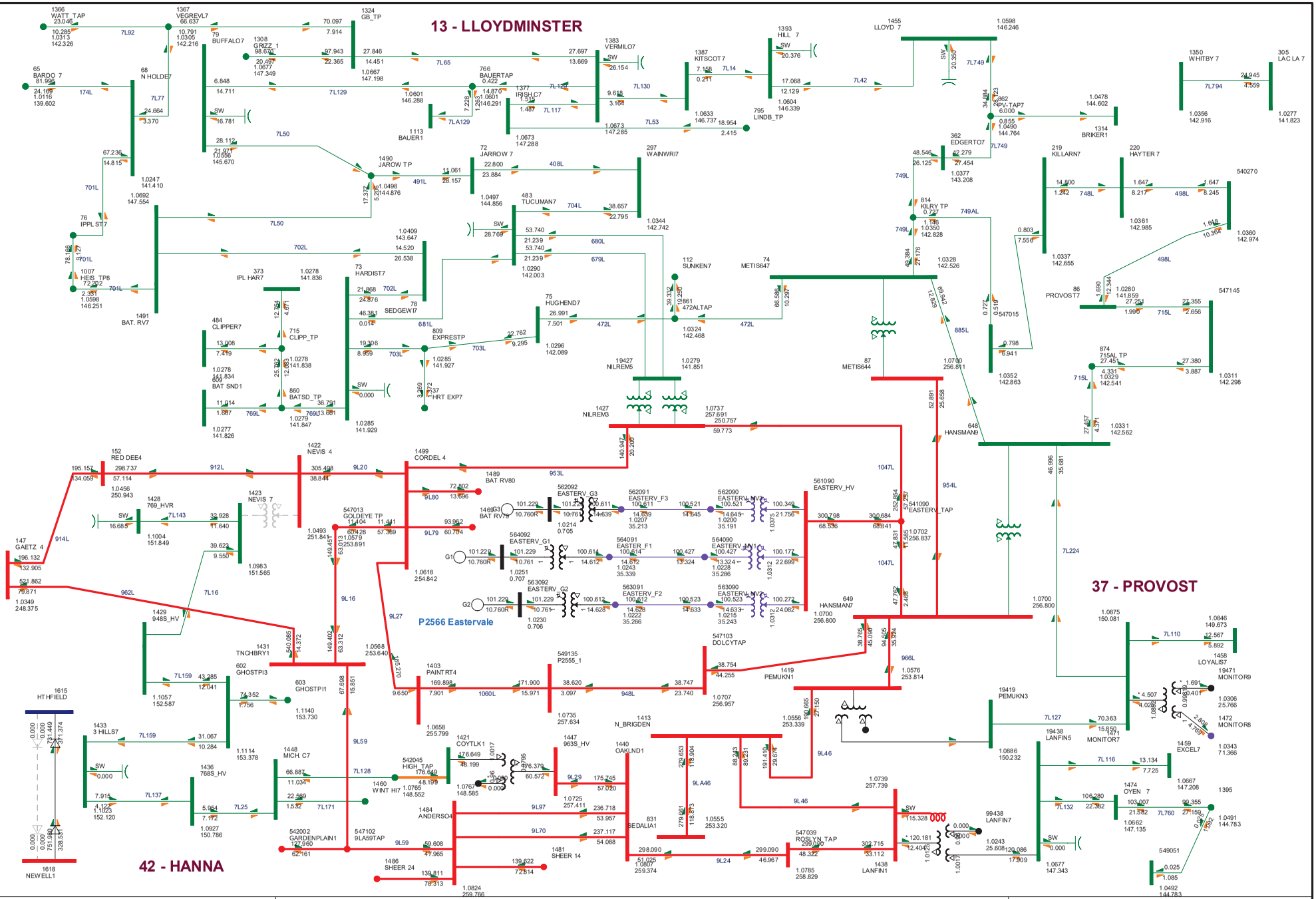


P2566 Eastervale Solar Battery

FIGURE A3.1-1-N-0: NORMAL OPERATION
2028 SUMMER PEAK HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

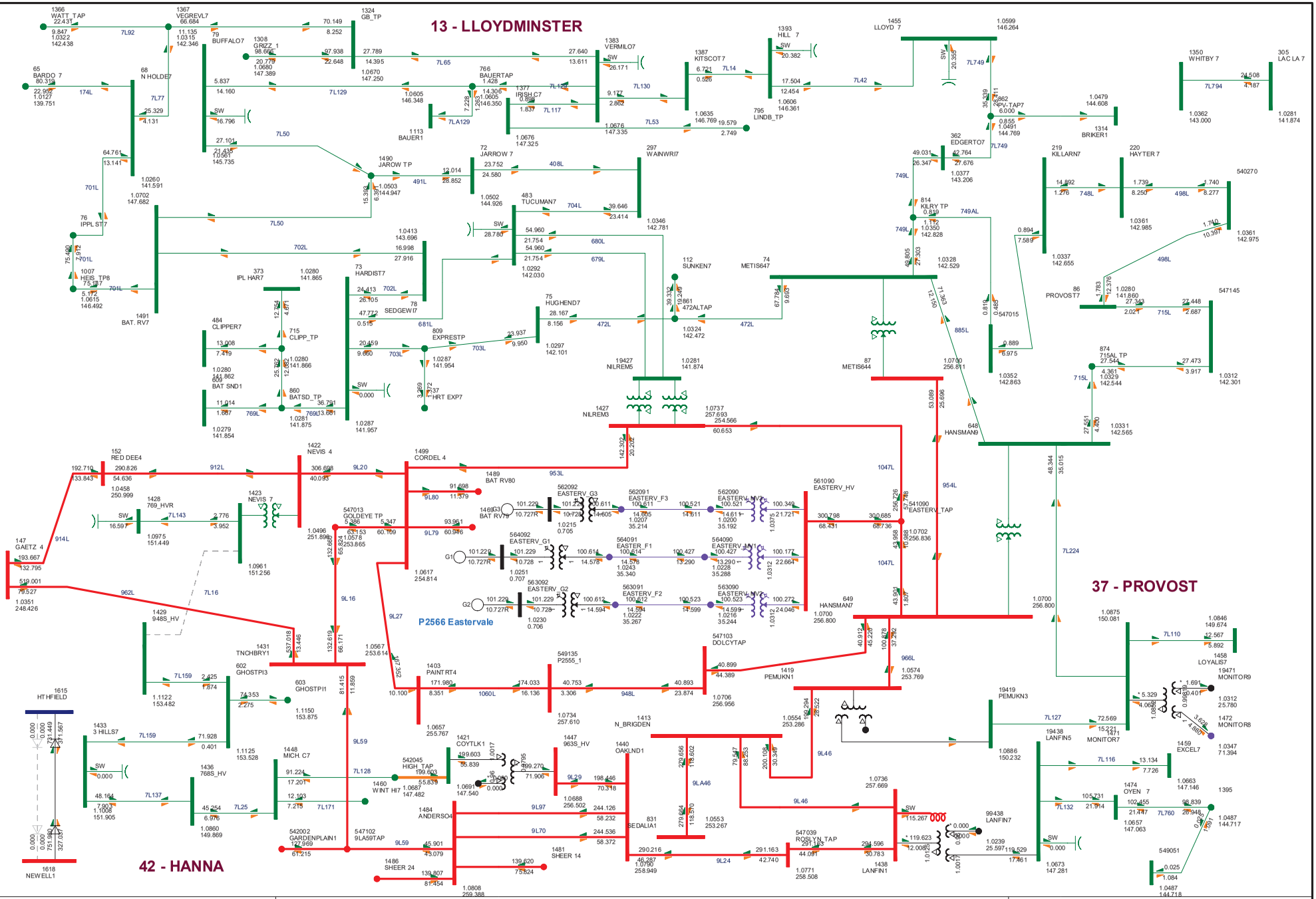


P2566 Eastervale Solar Battery

FIGURE A3.1-2 N-1: 766S T1 (NEVIS 766S 240/138 KV TRANSFORMER)
2028 SUMMER PEAK HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

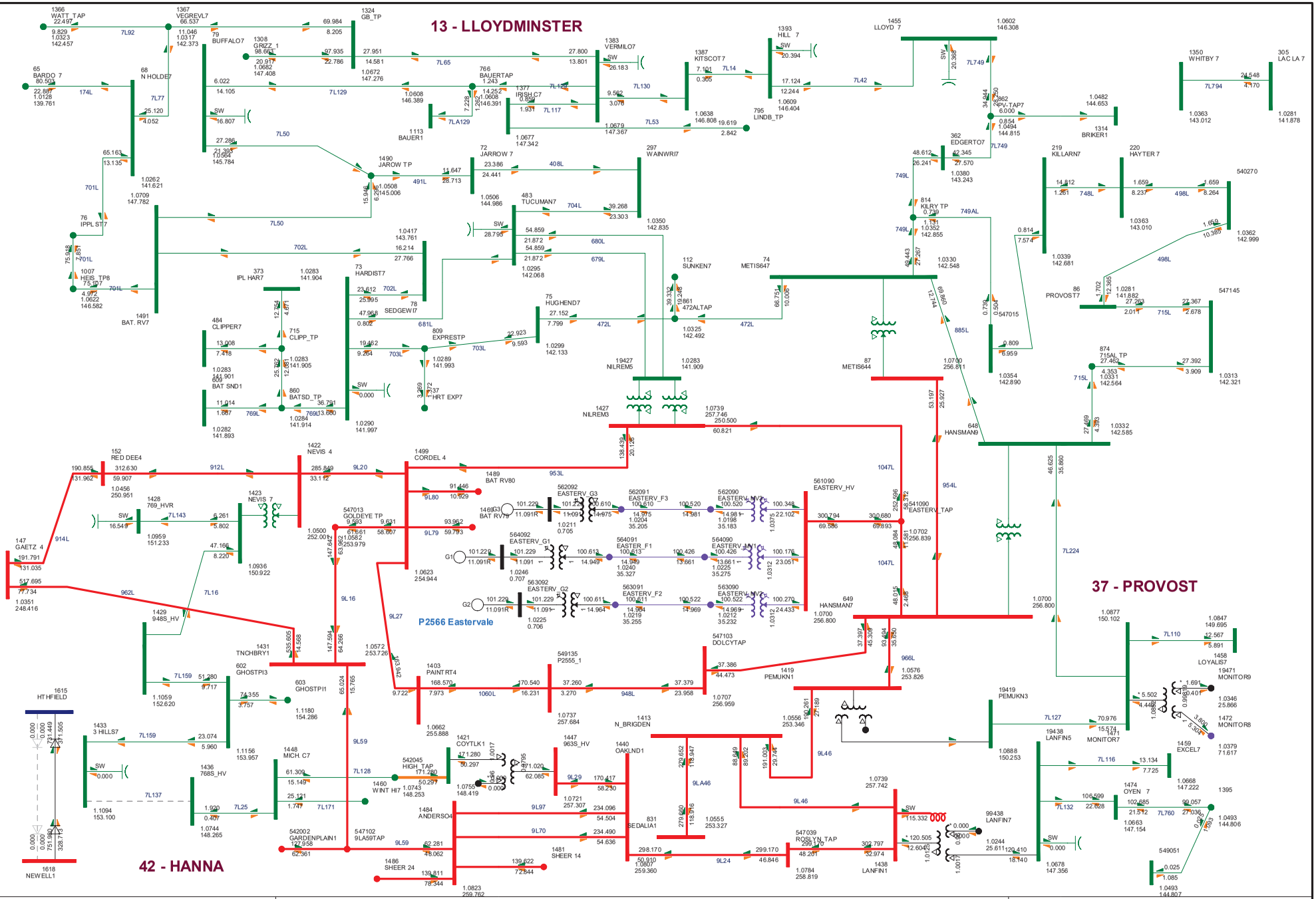


P2566 Eastervale Solar Battery

FIGURE A3.1-3 N-1: 7L16 (NEVIS 766S TO HEATBURG 948S)
2028 SUMMER PEAK HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

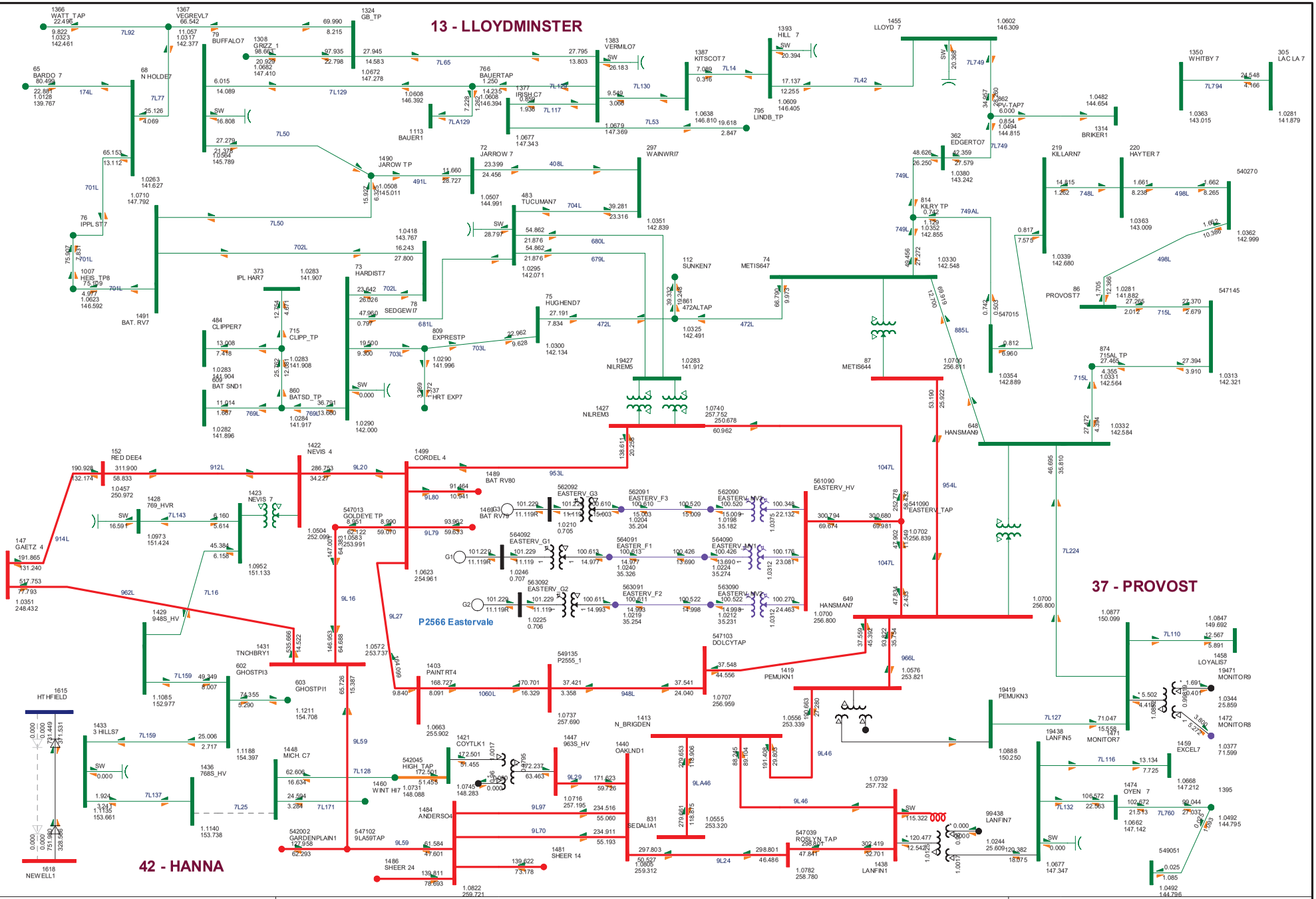


P2566 Eastervale Solar Battery

FIGURE A3.1-4 N-1: 7L137 (THREE HILLS 770S TO ROWLEY 768S)
2028 SUMMER PEAK HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

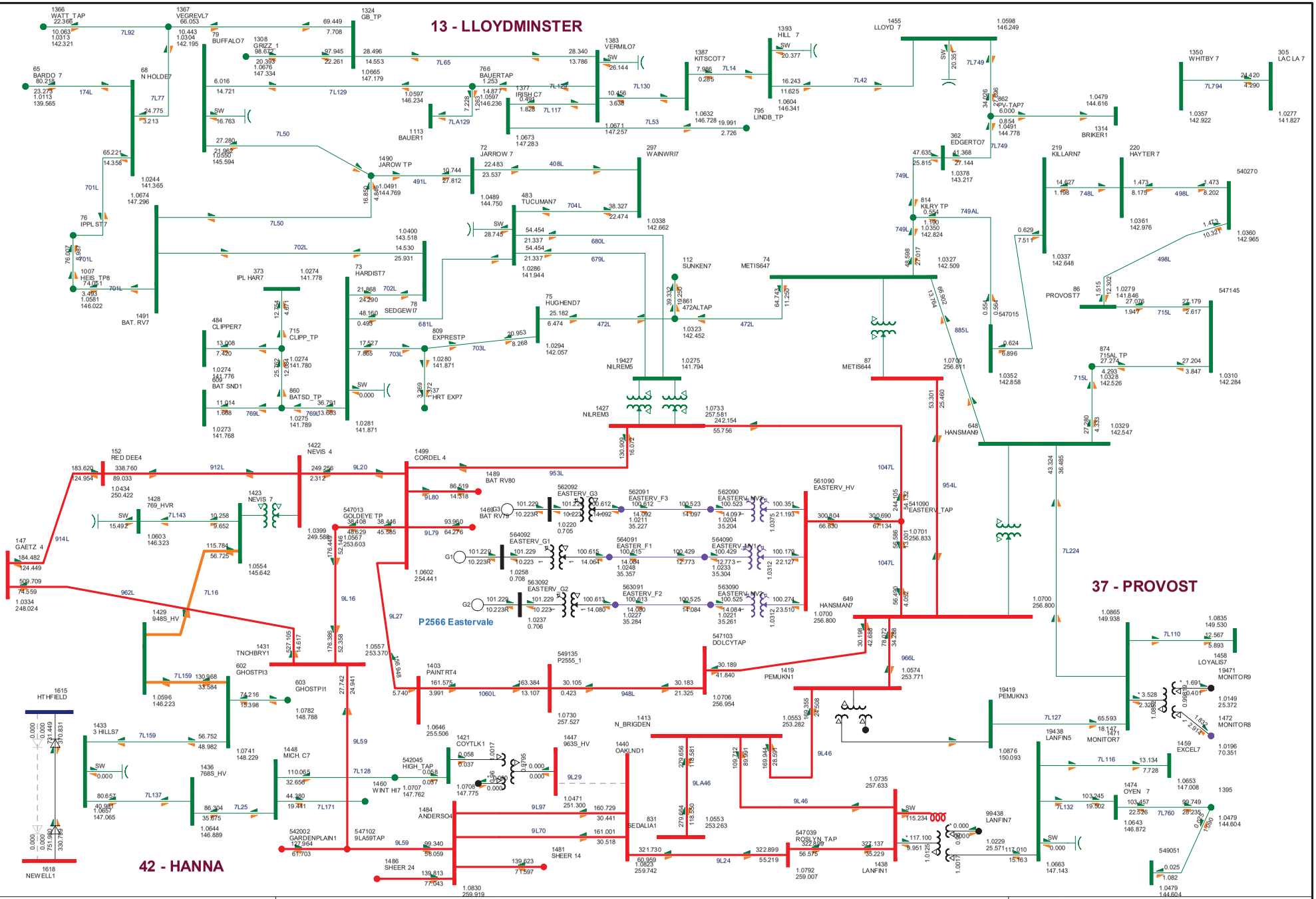


P2566 Eastervale Solar Battery

FIGURE A3.1-5 N-1: 7L25 (ROWLEY 768S TO MICHICHI CREEK 802S)
2028 SUMMER PEAK HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

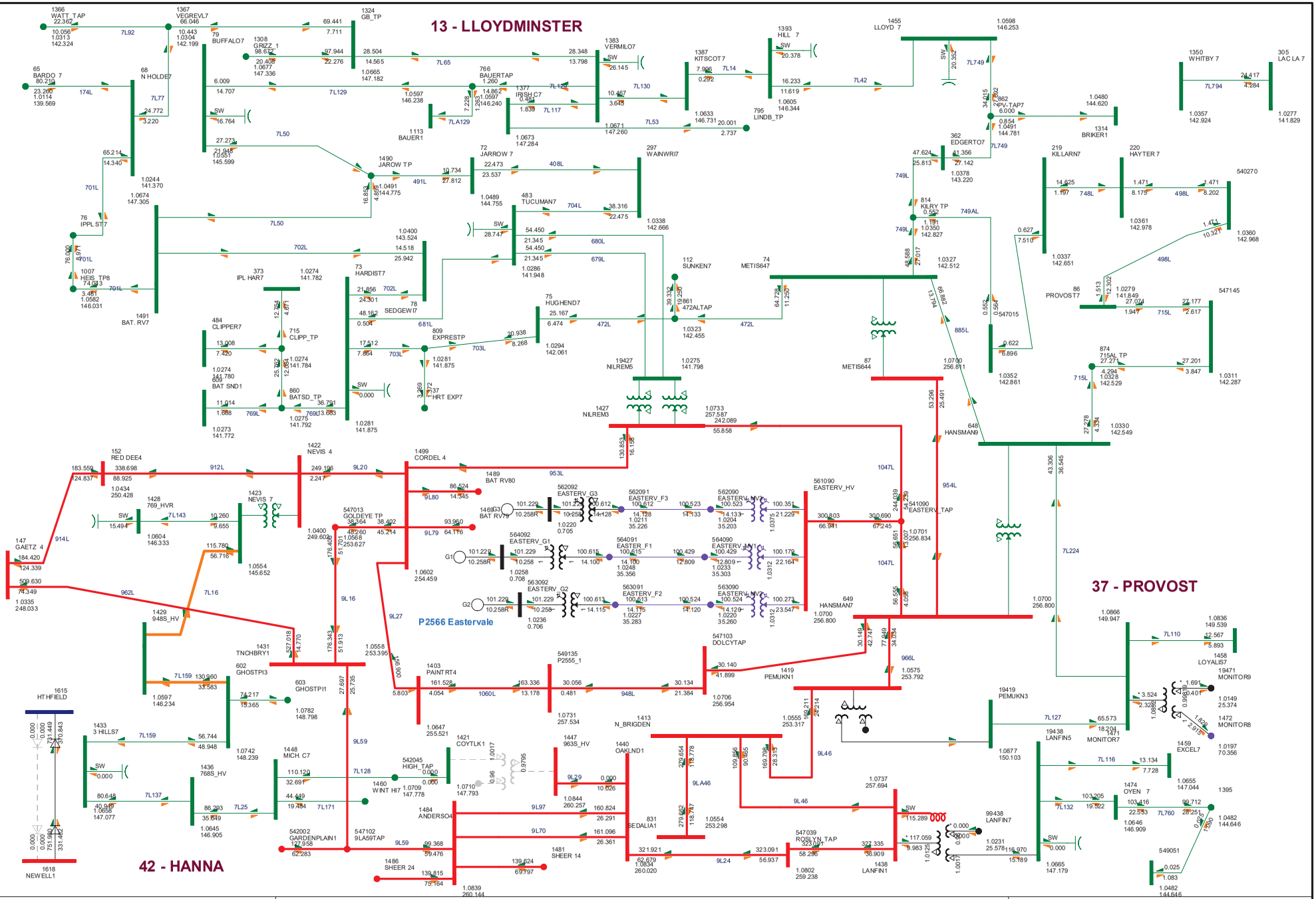


P2566 Eastervale Solar Battery

FIGURE A3.1-6 N-1: 9L29 (OAKLAND 946S TO COYOTE LAKE 963S)
2028 SUMMER PEAK HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

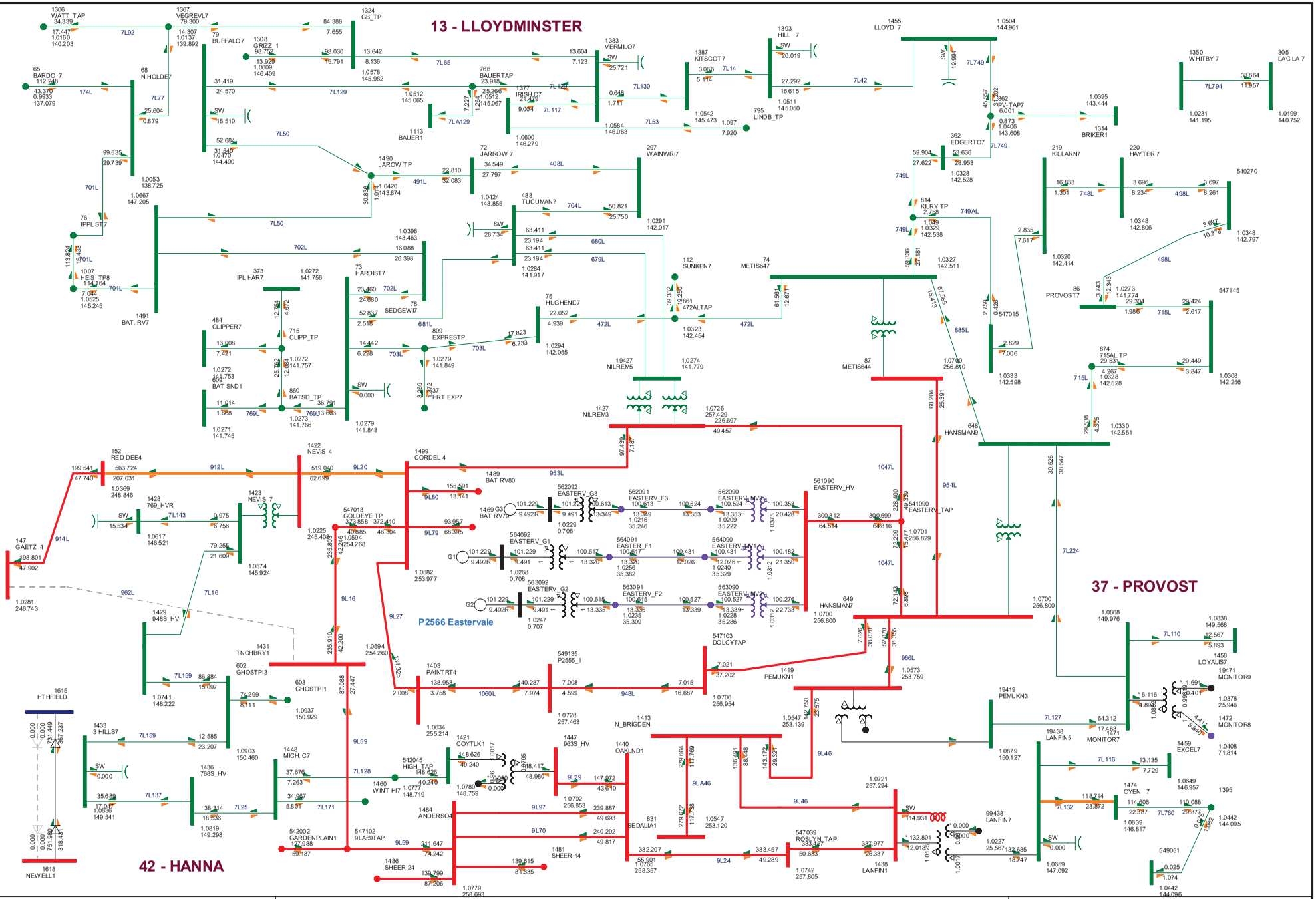


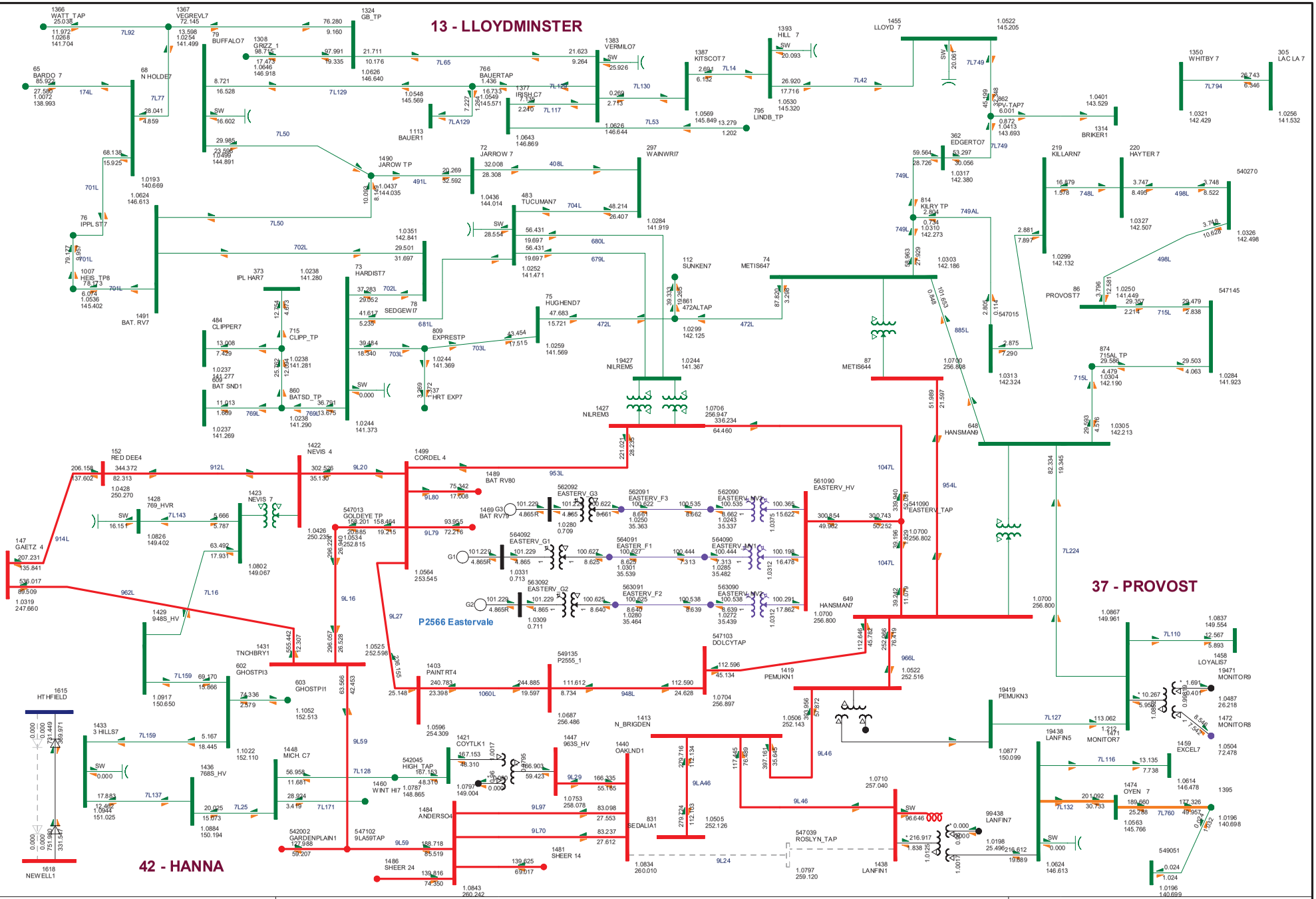
P2566 Eastervale Solar Battery

FIGURE A3.1-7 N-1: 963S T1 (COYOTE LAKE 963S TRANSFORMER T1)
2028 SUMMER PEAK HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000


13 - LLOYDMINSTER
37 - PROVOST
42 - HANNA
P2566 Eastervale
1366 WATT_TAP 34.339
1367 VEGREVL7 79.300
1324 GB_TP
1308 GRIZZ_1 98.752
1383 VERMILO7
1387 KITSCOT7 3.066
1393 HILL_7
1455 LLOYD 7
1350 WHITBY 7
305 LAC LA 7
65 BARDO_7 112.248
68 N HOLDE7
766 BAUERTAP 23.918
1377 IRISH_C7 21.449
1113 BAUER1
795 LINDB_TP
362 EDGERTO7
1314 BRIKER1
1490 JAROW TP
72 JARROW 7 34.549
297 WAINWRI7
483 TUCUMAN7 25.750
76 IPPL ST7
1007 HEIS_TP8 1.1764
1491 BAT. RV7
373 IPL HAR7
73 HARDIST7
78 SEDGEWI7
75 HUGHEND7 22.052
112 SUNKEN7
74 METIS647
484 CLIPPER7
715 CLIPP_TP
809 EXPRESTP
609 BAT SND1
860 BATSD_TP 36.791
HRT EXP7
814 KILRY TP 2.758
219 KILLARN7
220 HAYTER 7
540270
86 PROVOST7
547145
547015
874 715AL_TP 29.531
19427 NILREM5
1427 NILREM3
87 METIS644
648 HANSMAN8
152 RED DEE4 563.724
1422 NEVIS 4
1499 CORDEL 4
1489 BAT RV80
1423 NEVIS 7
547013 GOLDEYE TP 373.858 372.410
1428 769_HVR
147 GAETZ 4 398.801
1429 948S_HV
1431 TNCHBRY1
602 GHOSTPI3
603 GHOSTPI1
1403 PAINTRT4
549135 P2555_1
547103 DOLCYTAP
1419 PEMUKN1
1615 HTHFIELD
1618 NEWELL1
1433 3 HILLS7
1436 768S_HV
1448 MICH_C7
1460 WINT HI7
542045 HIGH_TAP 148.626
542002 GARDENPLAIN1 127.988
547102 9LA59TAP
1421 COYTLK1
1447 963S_HV
1440 OAKLND1
1413 N_BRIGDEN
1484 ANDERSO4
1486 SHEER 24
1481 SHEER 14
831 SEDALIA1
547039 ROSLYN_TAP 333.457
1438 LANFIN1
99438 LANFIN7
19438 LANFIN5
19419 PEMUKN3
1471 MONITOR7
19471 MONITOR9
1472 MONITOR8
1459 EXCEL7
1474 OYEN 7
549051
562092 EASTERV_G3
562091 EASTERV_F3
562090 EASTERV_MV3
561090 EASTERV_HV
541090 EASTERV_TAP
564092 EASTERV_G1
564091 EASTER_F1
564090 EASTERV_MV1
563092 EASTERV_G2
563091 EASTERV_F2
563090 EASTERV_MV2
649 HANSMAN7
7L92
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9LA46
1047L
954L
953L
962L
914L
912L
1060L
948L
966L
885L
715L
498L
749L
748L
680L
679L
472L
703L
681L
769L
174L
701L
702L
704L
408L
491L
P2566 Eastervale Solar Battery
FIGURE A3.1-8 N-1: 962L/9L62 (TINCHEBRAY 972S TO GAETZ 87S)
2028 SUMMER PEAK HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024
Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar
kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

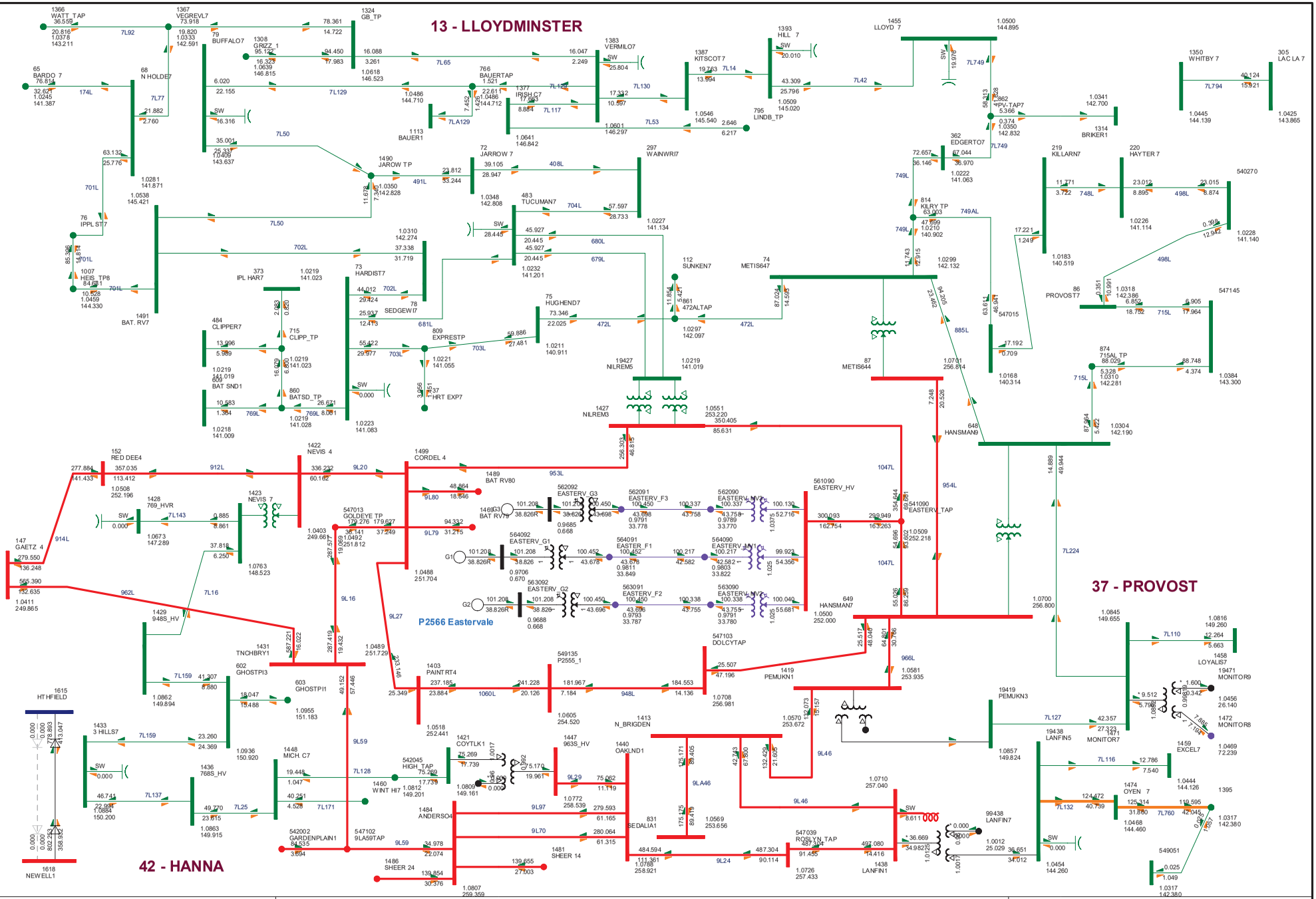


P2566 Eastervale Solar Battery

FIGURE A3.1-9 N-1: 9L24 (OAKLAND 946S - LANFINE 959S)
2028 SUMMER PEAK HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

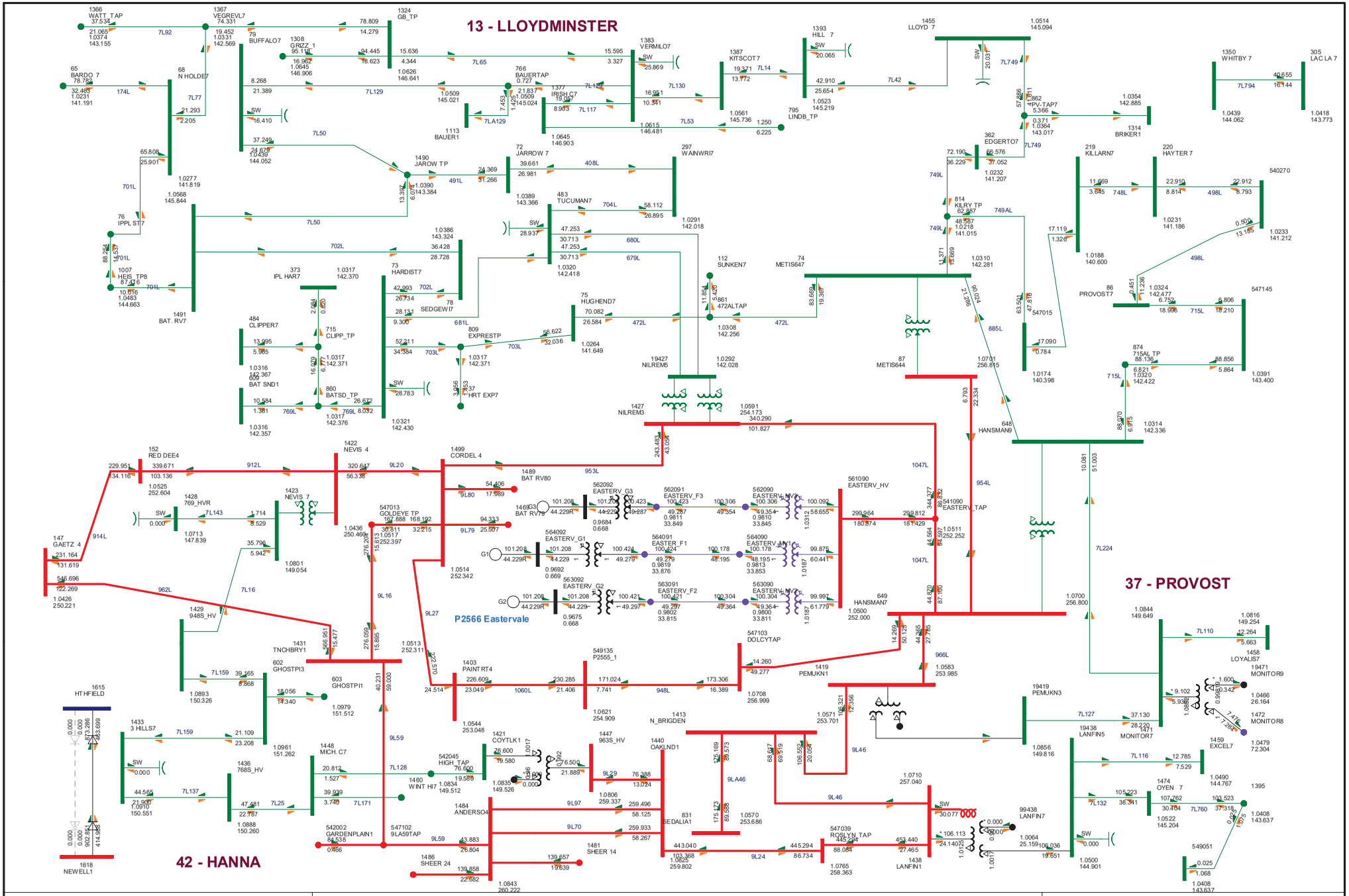


P2566 Eastervale Solar Battery

FIGURE A3.2-0-N-0: NORMAL OPERATION (PRE-CURTAILMENT)
2028 SUMMER LIGHT HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

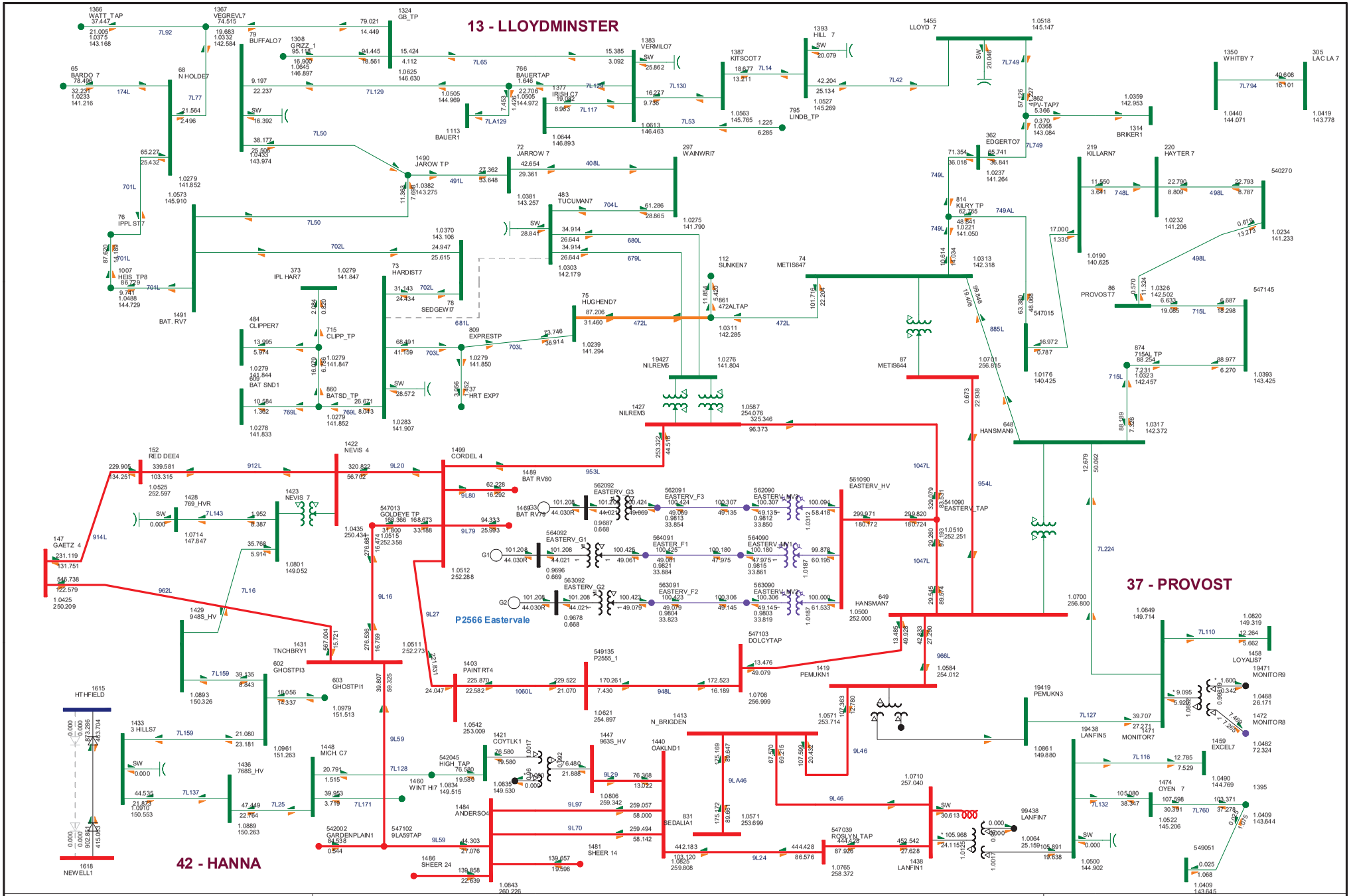


P2566 Eastervale Solar Battery

FIGURE A3.2-1-N-0: NORMAL OPERATION
2028 SUMMER LIGHT HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

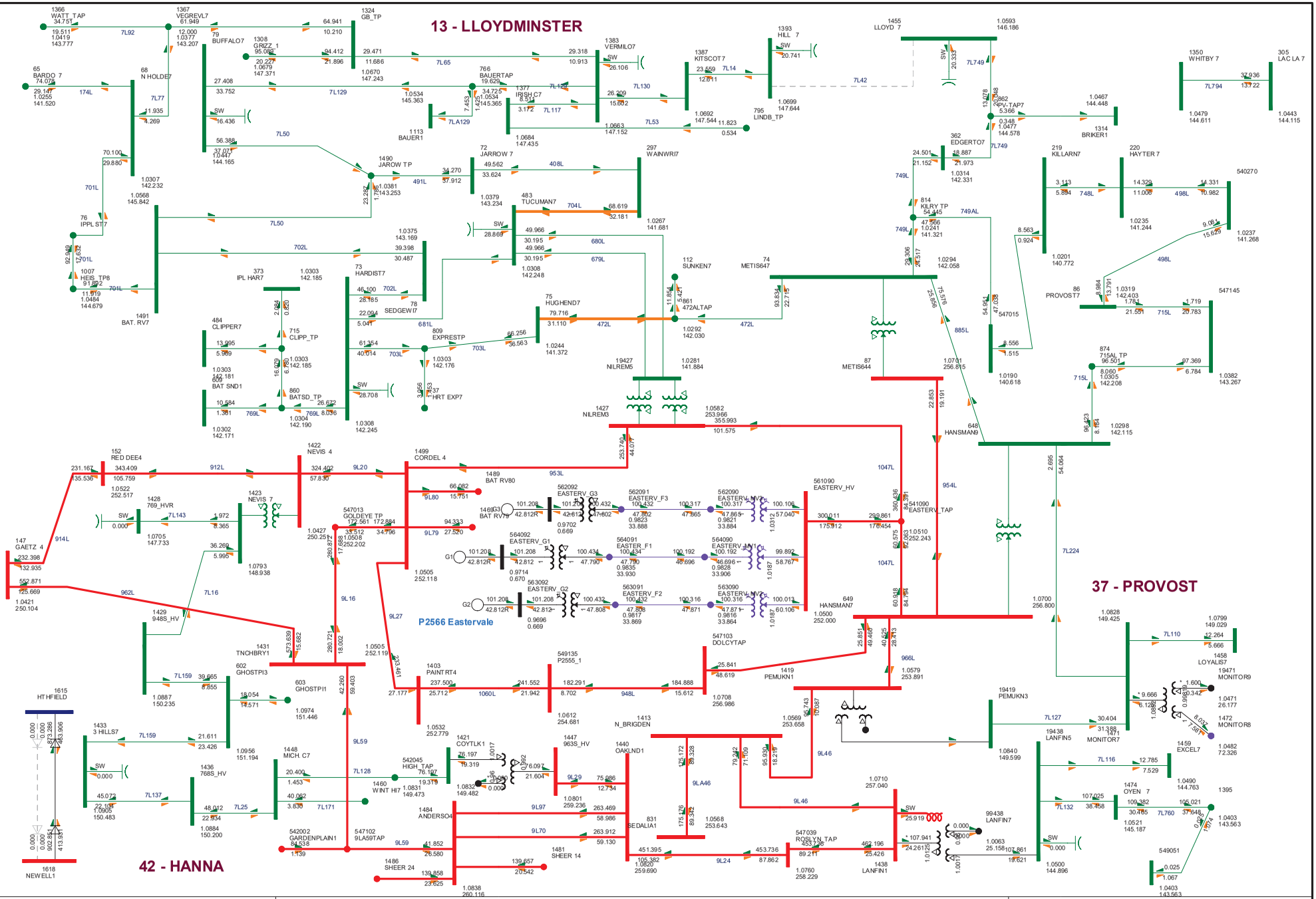


P2566 Eastervale Solar Battery

FIGURE A3.2-2 N-1: 681L (HARDISTY 377S TO TUCUMAN 478S)
2028 SUMMER LIGHT HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

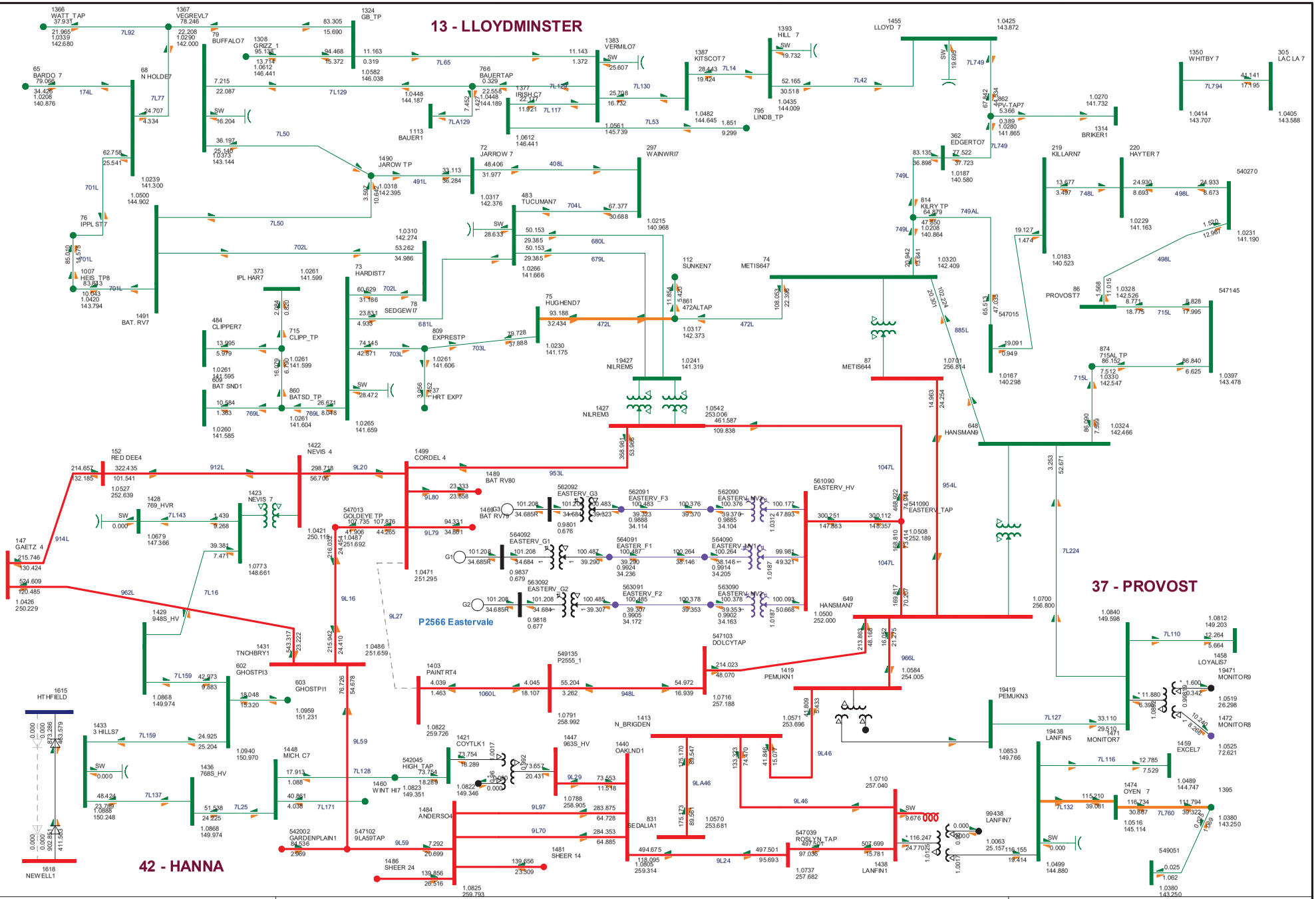


P2566 Eastervale Solar Battery

FIGURE A3.2-3 N-1: 7L42 (HILL 751S TO LLOYDMINSTER 716S)
2028 SUMMER LIGHT HIGH GENERATION (POST-CONNECTION)
PRINTED ON FRIDAY 15. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

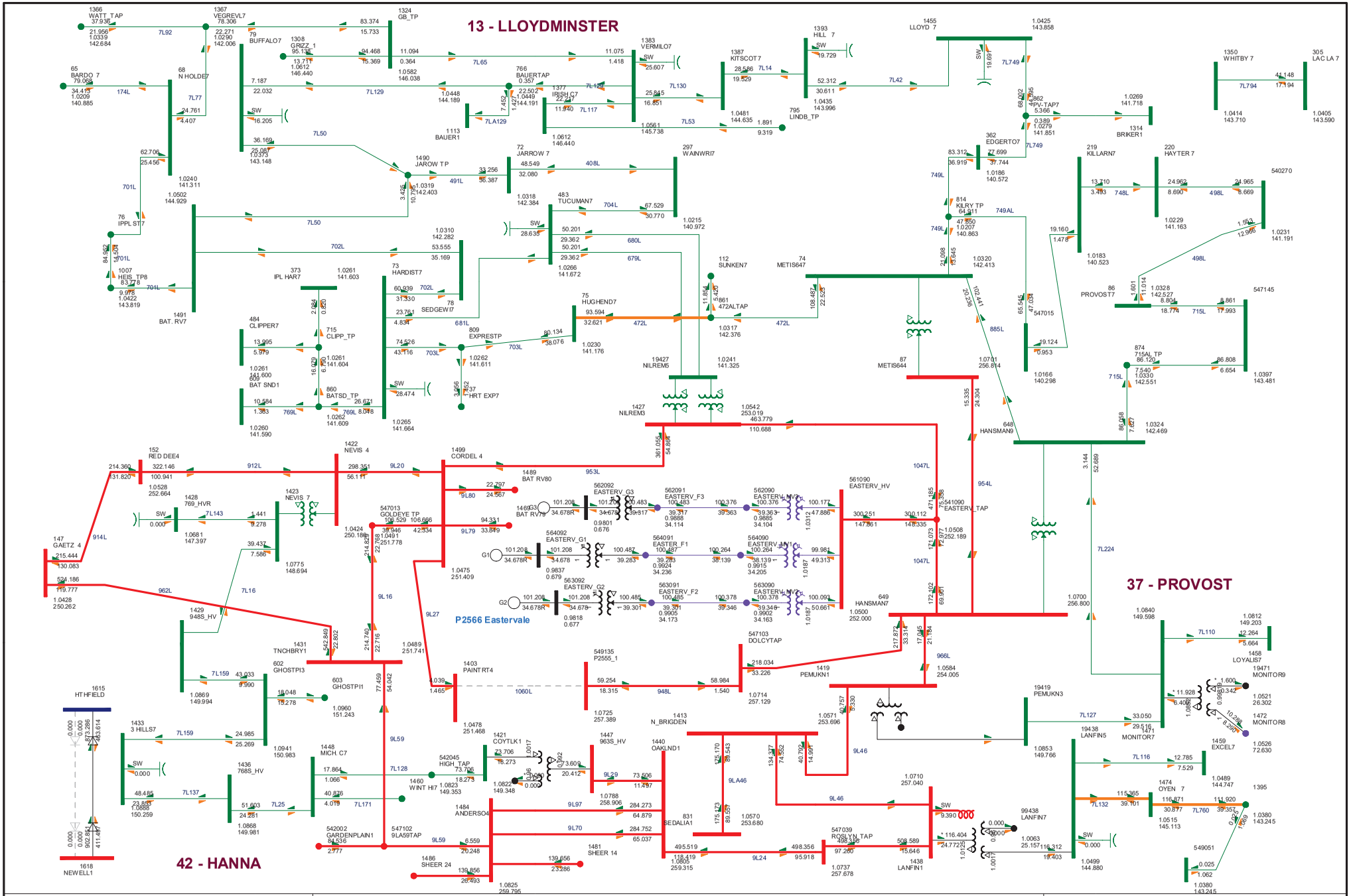


P2566 Eastervale Solar Battery

FIGURE A3.2-4 N-1: 9L27 (PAINTEARTH CREEK 863S TO CORDEL 755S)
2028 SUMMER LIGHT HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

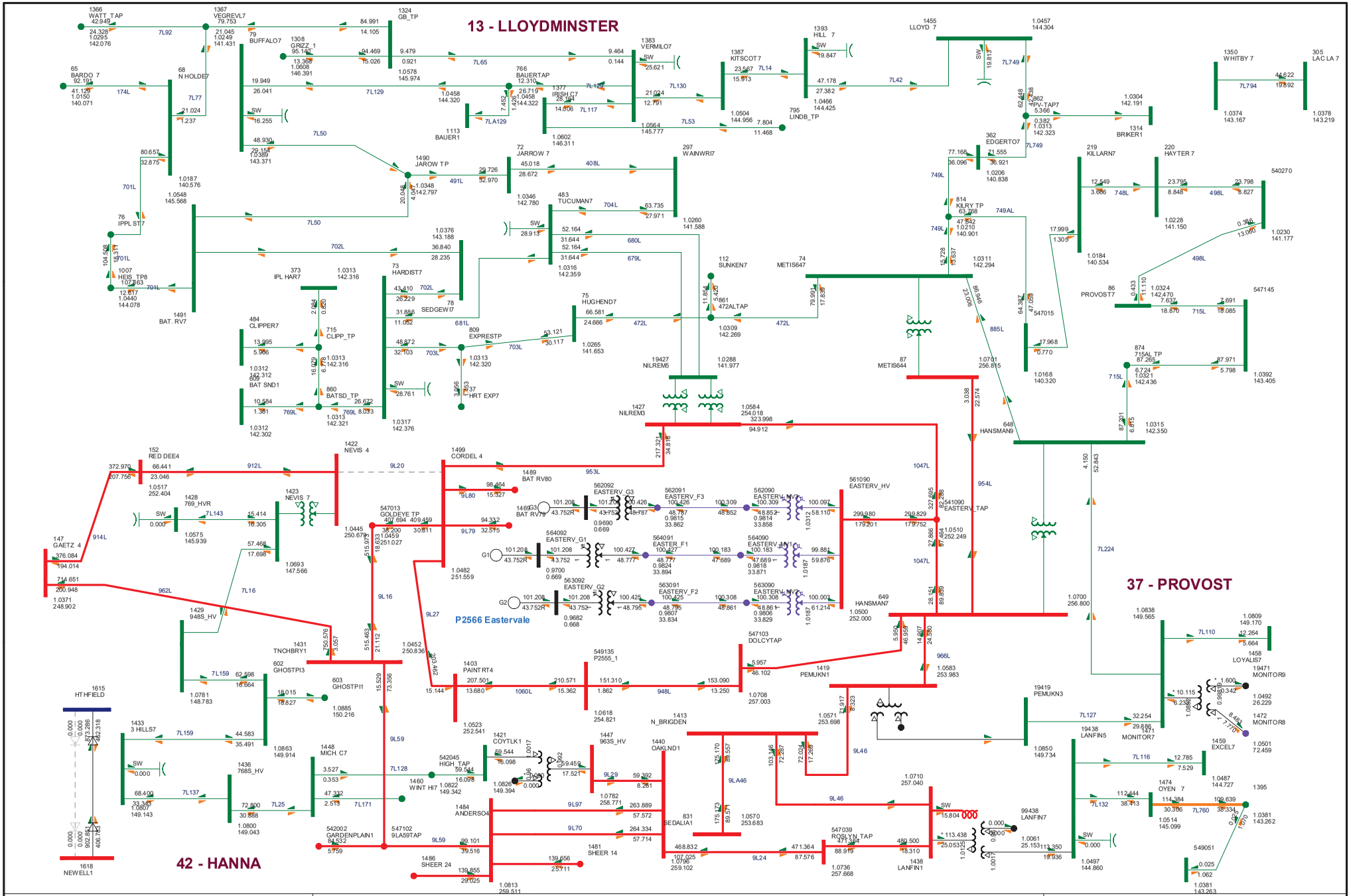


P2566 Eastervale Solar Battery

FIGURE A3.2-5 N-1: 1060L (PAINTEARTH 863S TO P2555 SWITCHING SUB)
2028 SUMMER LIGHT HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

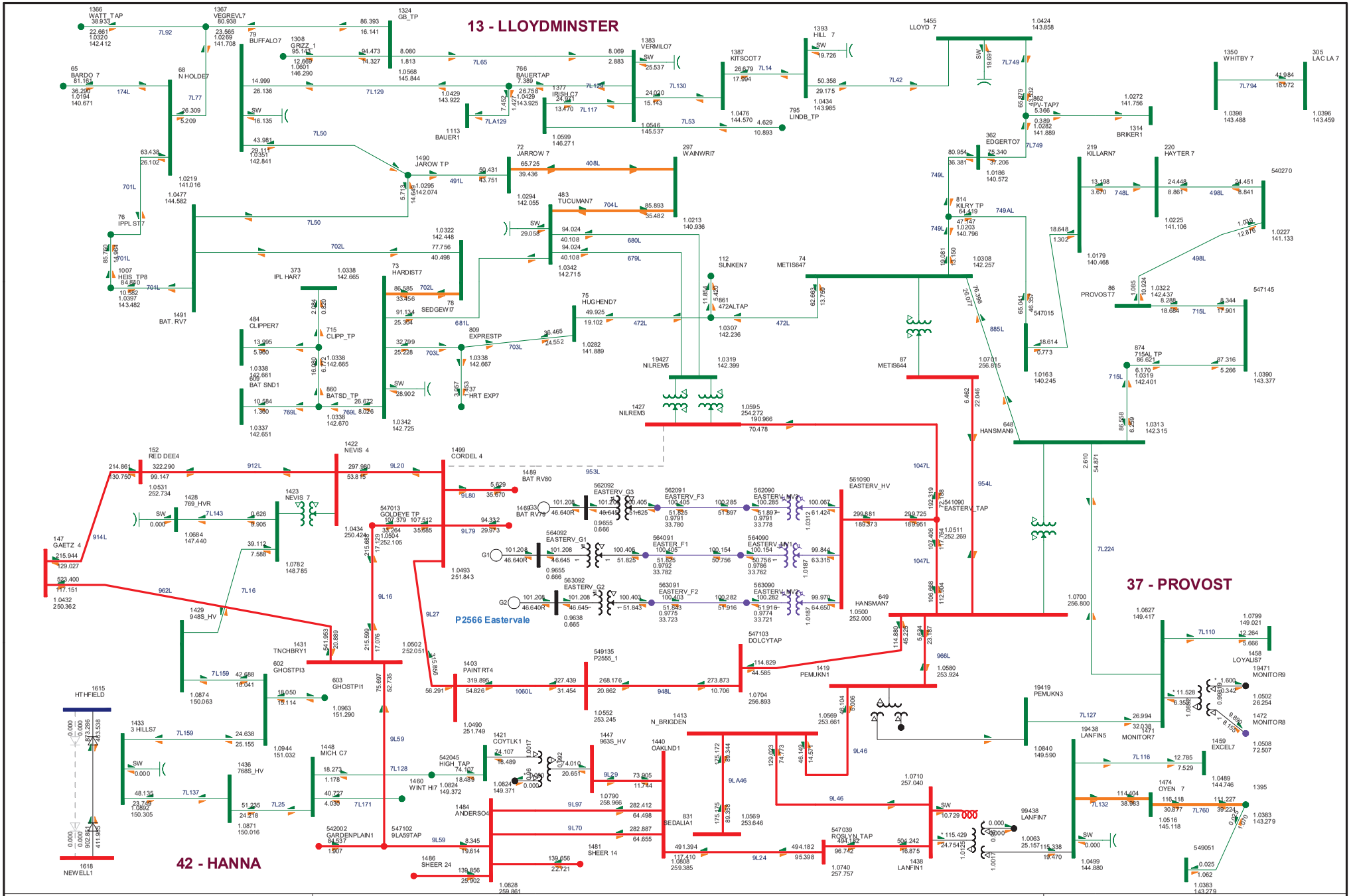


P2566 Eastervale Solar Battery

FIGURE A3.2-6 N-1: 9L20 (NEVIS 766S TO CORDEL 755S)
2028 SUMMER LIGHT HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

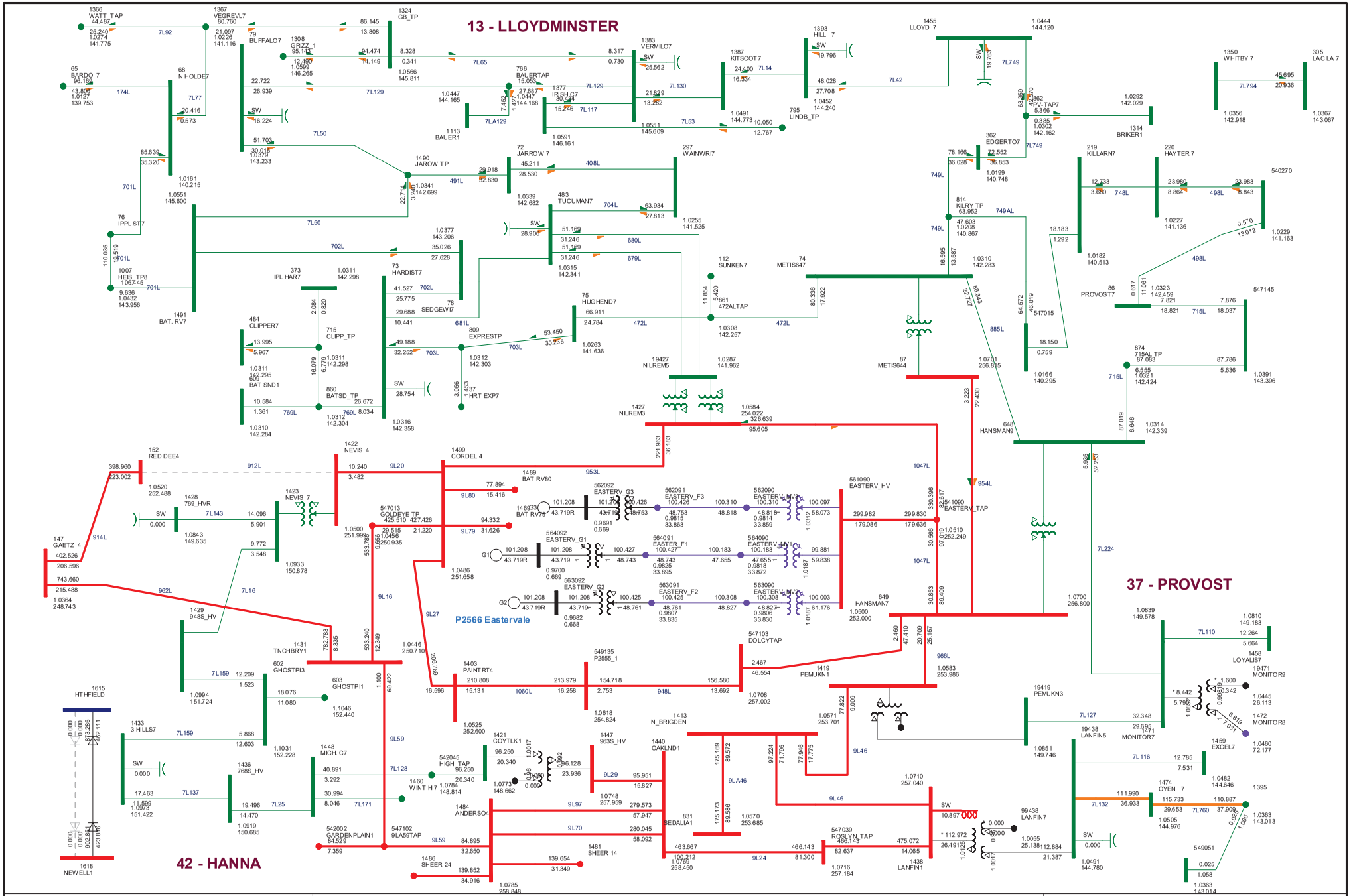


P2566 Eastervale Solar Battery

FIGURE A3.2-7 N-1: 953L (NILREN 574S TO CORDEL 755S)
2028 SUMMER LIGHT HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

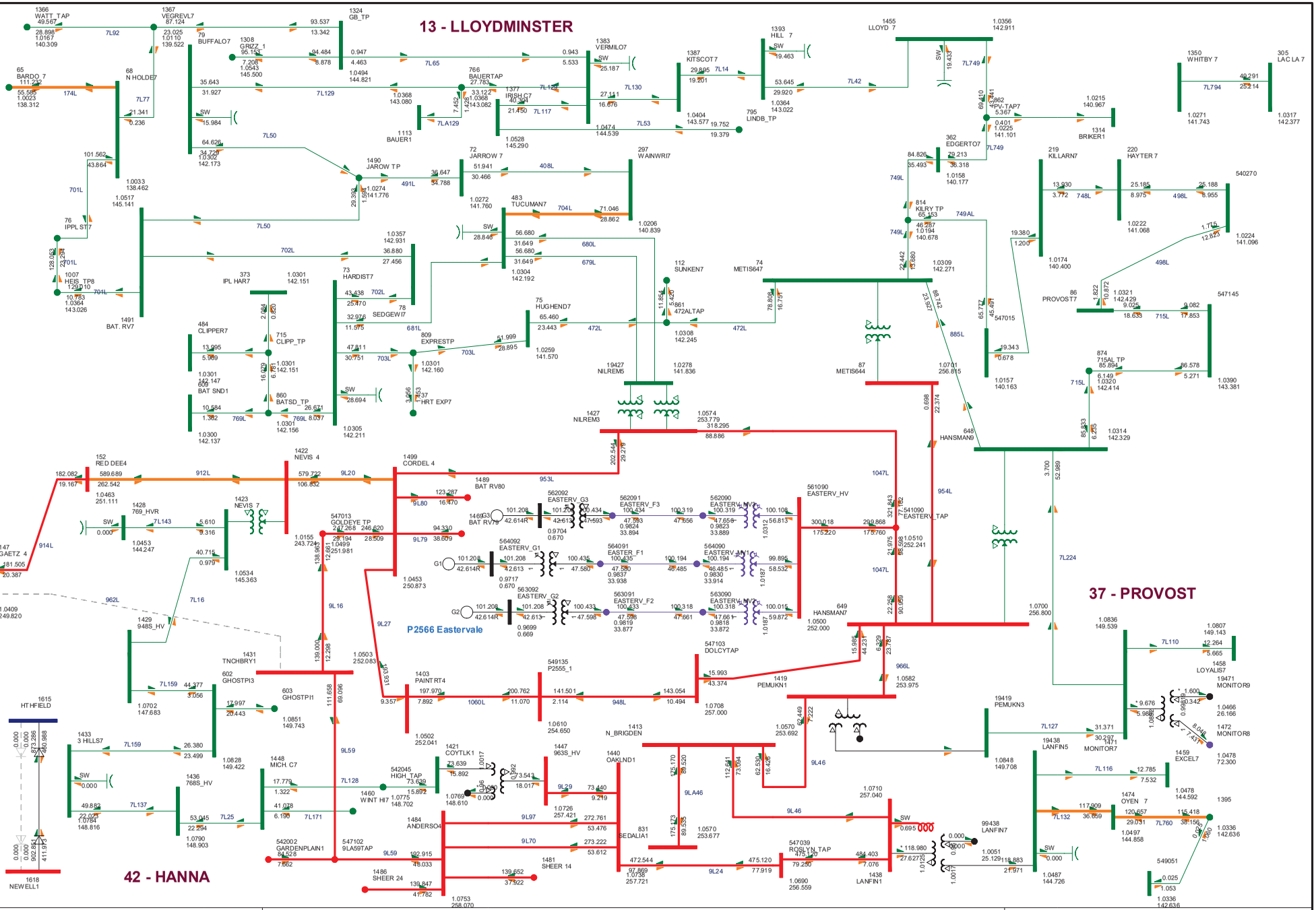


P2566 Eastervale Solar Battery

FIGURE A3.2-8 N-1: 912L (NEVIS 766S TO RED DEER 63S)
2028 SUMMER LIGHT HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

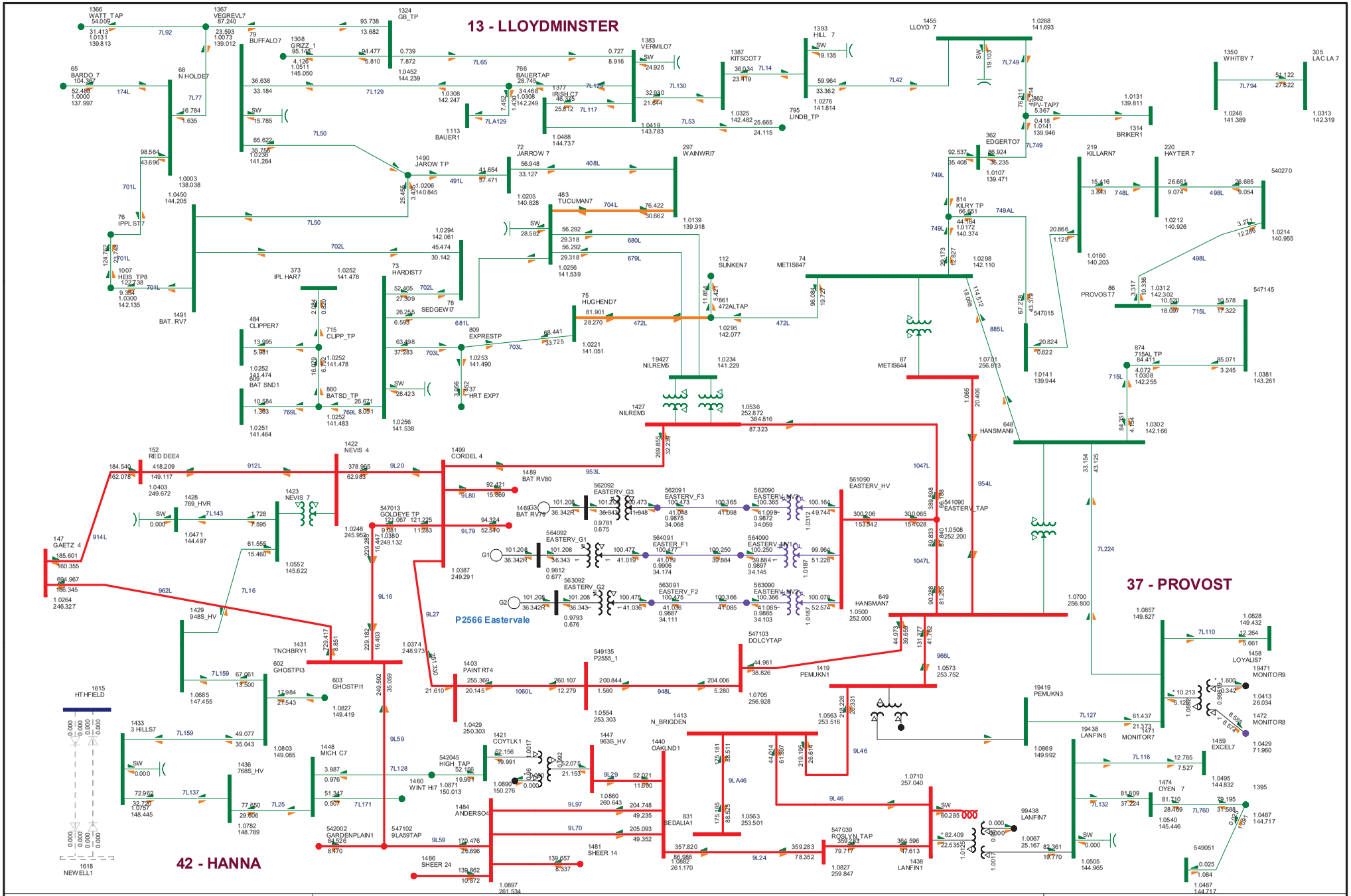


P2566 Eastervale Solar Battery

FIGURE A3.2-9 N-1: 962L/9L62 (TINCHEBRAY 972S TO GAETZ 87S)
2028 SUMMER LIGHT HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

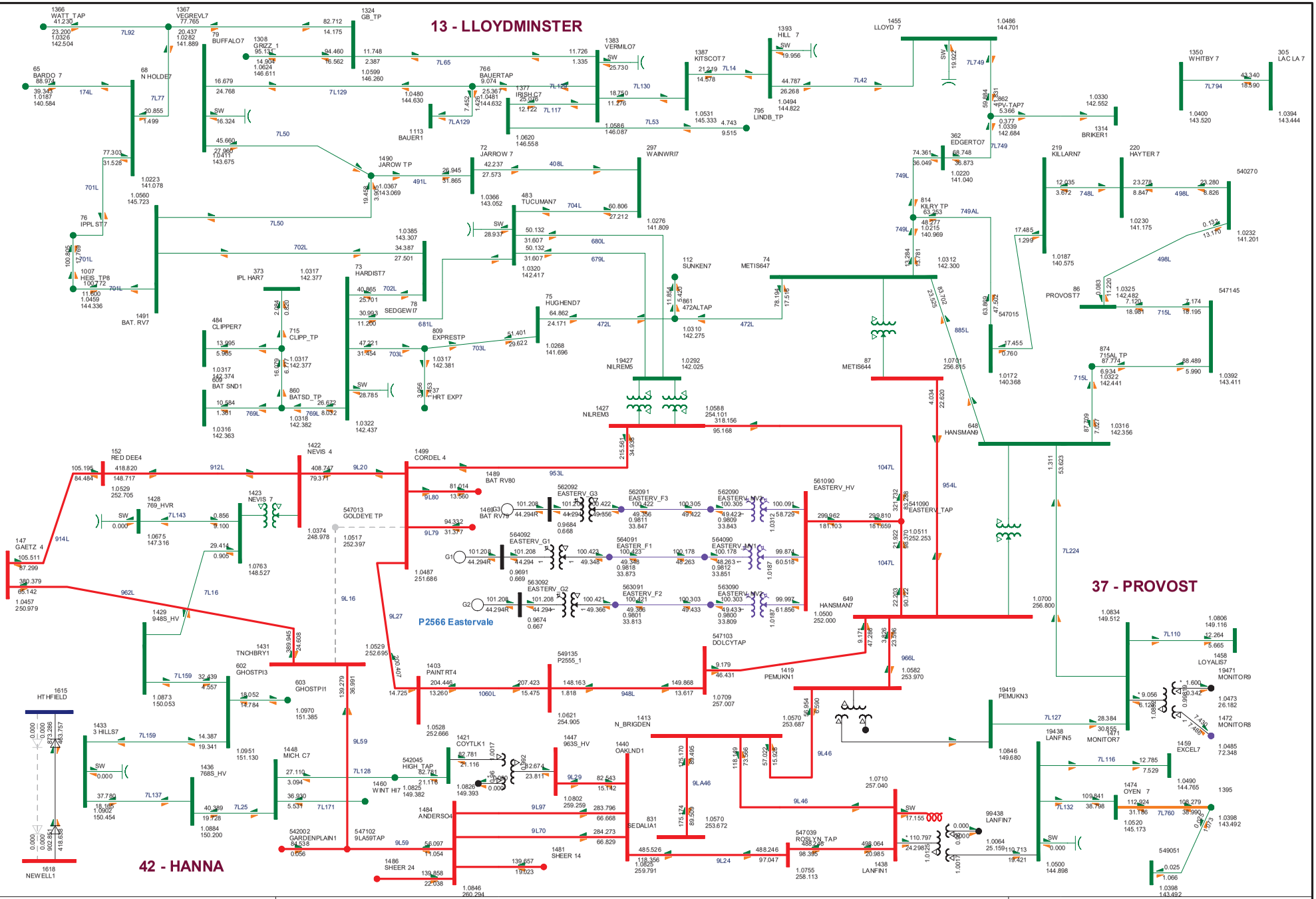


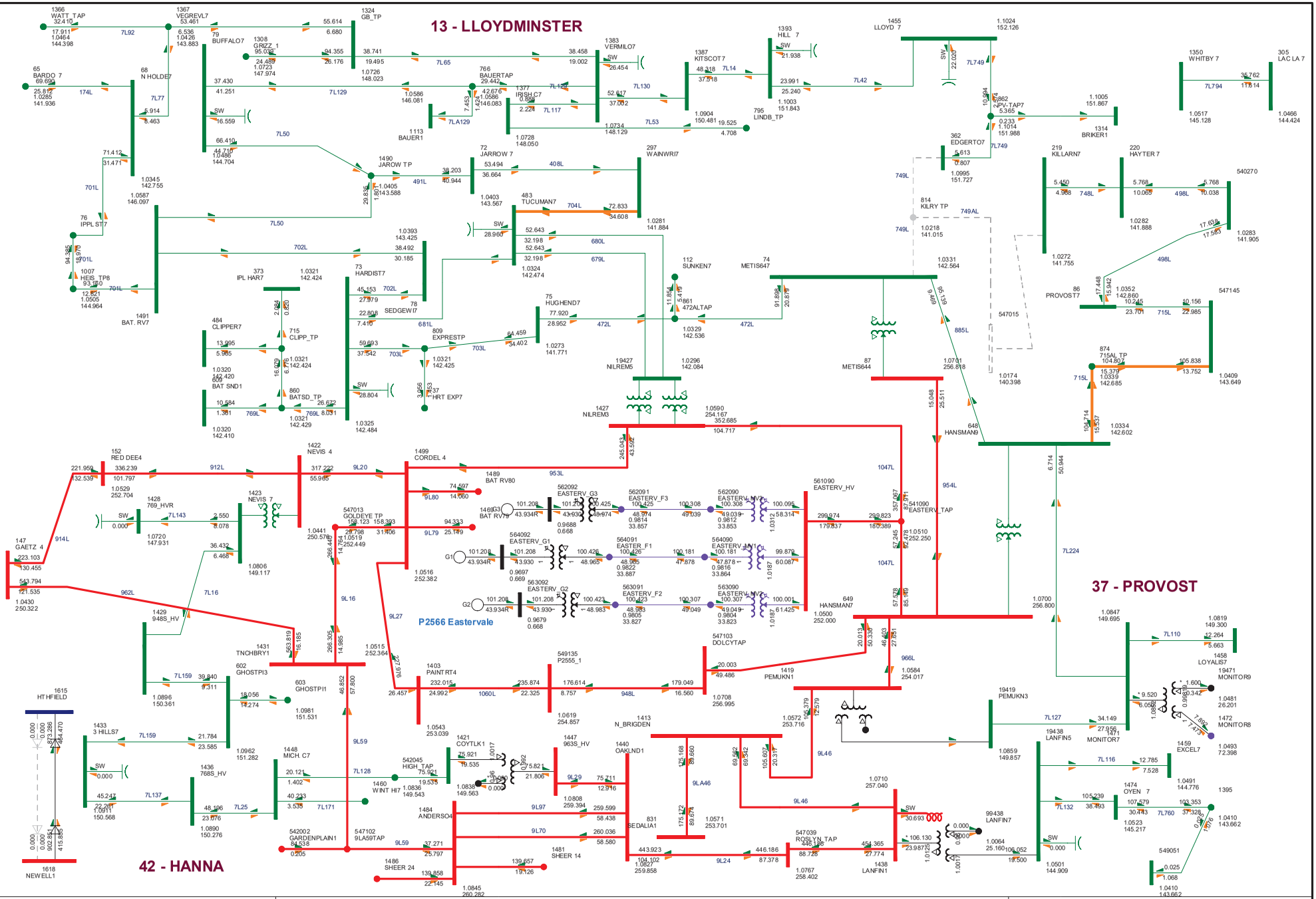
P2566 Eastervale Solar Battery

FIGURE A3.2-10 N-1: EATL
2028 SUMMER LIGHT HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000


13 - LLOYDMINSTER
37 - PROVOST
42 - HANNA
P2566 Eastervale
1366 WATT_TAP 41.230
1367 VEGREVL7 77.755
1324 GB_TP
1308 GRIZZ_1 95.113
1383 VERMILO7
1387 KITSCOT7
1393 HILL_7
1455 LLOYD 7
1350 WHITBY 7
305 LAC LA 7
65 BARDO_7 88.974
68 N HOLDE7
766 BAUERTAP 9.074
1377 IRISH_C7 25.046
795 LINDB_TP
362 EDGERTO7
1314 BRIKER1
1490 JAROW TP
72 JARROW 7 42.237
297 WAINWRI7
483 TUCUMAN7
76 IPPL ST7
1007 HEIS_TP8 100.772
1491 BAT. RV7
373 IPL HAR7
73 HARDIST7
78 SEDGEWI7
112 SUNKEN7
74 METIS647
814 KILRY TP 63.253
219 KILLARN7
220 HAYTER 7
540270
86 PROVOST7
547145
547015
484 CLIPPER7
715 CLIPP_TP
609 BAT SND1
860 BATSD_TP
809 EXPRESTP
HRT EXP7
75 HUGHEND7
472L ALTAP
87 METIS644
874 715AL_TP 87.774
152 RED DEE4
1422 NEVIS 4
1499 CORDEL 4
1489 BAT RV80
1423 NEVIS 7
547013 GOLDEYE TP
1428 769_HVR
147 GAETZ 4
380.379
1429 948S_HV
1431 TNCHBRY1
602 GHOSTPI3
603 GHOSTPI1
1403 PAINTRT4
549135 P2555_1
1419 PEMUKN1
547103 DOLCYTAP
561090 EASTERV_HV
541090 EASTERV_TAP
562092 EASTERV_G3
562091 EASTERV_F3
562090 EASTERV_MV3
564092 EASTERV_G1
564091 EASTER_F1
564090 EASTERV_MV1
563092 EASTERV_G2
563091 EASTERV_F2
563090 EASTERV_MV2
649 HANSMAN7
648 HANSMAN8
19427 NILREM5
1427 NILREM3
1615 HTHFIELD
1433 3 HILLS7
1436 768S_HV
1448 MICH_C7
1460 WINT HI7
1421 COYTLK1
1447 963S_HV
1440 OAKLND1
1413 N_BRIGDEN
1484 ANDERSO4
831 SEDALIA1
1481 SHEER 14
1486 SHEER 24
542045 HIGH_TAP
542002 GARDENPLAIN1
547102 9LA59TAP
547039 ROSLYN_TAP
1438 LANFIN1
19438 LANFIN5
99438 LANFIN7
19419 PEMUKN3
1458 LOYALIS7
19471 MONITOR9
1472 MONITOR8
1471 MONITOR7
1459 EXCEL7
1474 OYEN 7
549051
1618 NEWELL1
P2566 Eastervale Solar Battery
FIGURE A3.2-11 N-1: 9L16 (TINCHERBRAY 972S TO CORDEL 755S)
2028 SUMMER LIGHT HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024
Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar
kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

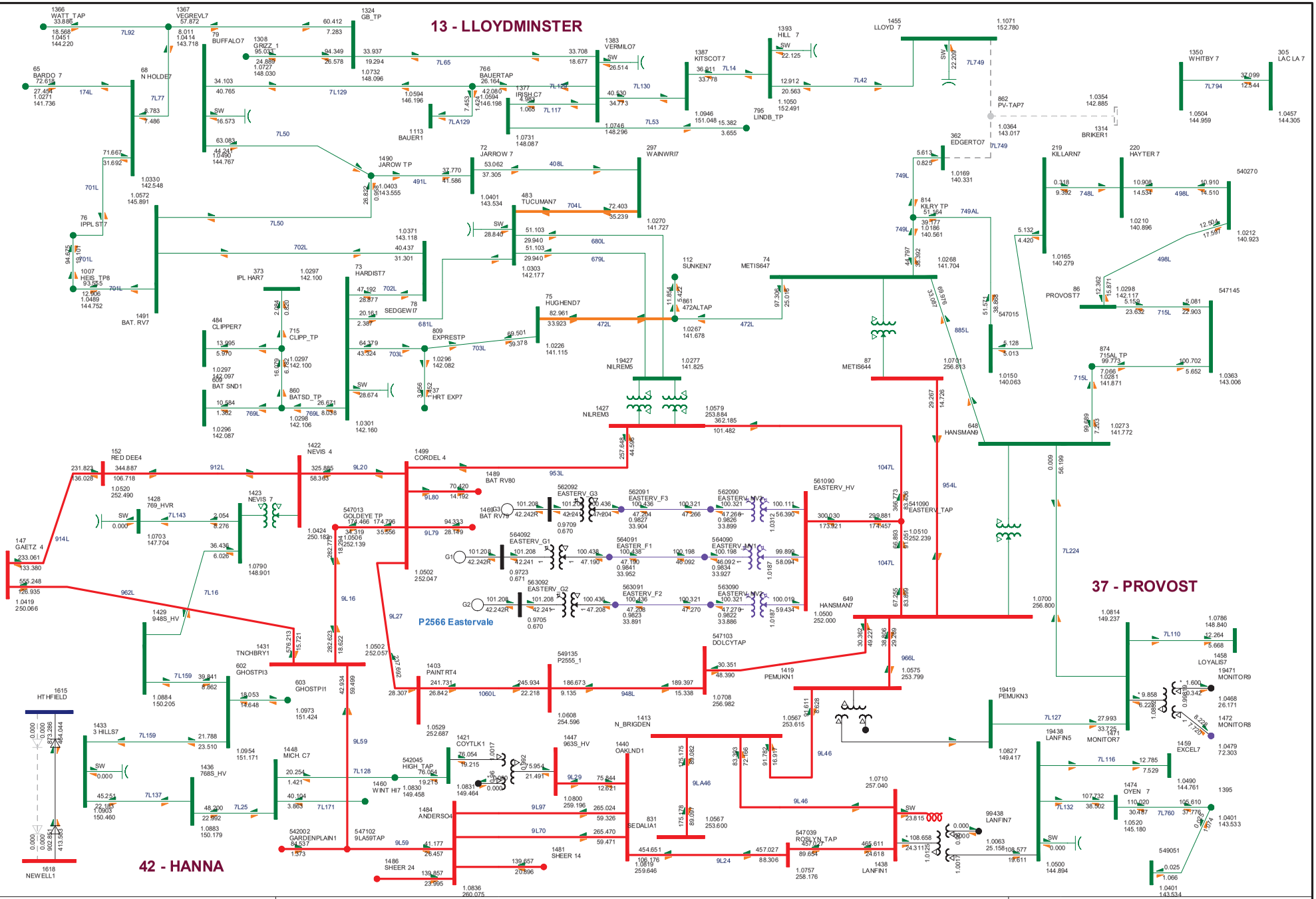


P2566 Eastervale Solar Battery

FIGURE A3.2-12 N-1: 749L (METISKOW 648S TO EDGERTON 899S)
2028 SUMMER LIGHT HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

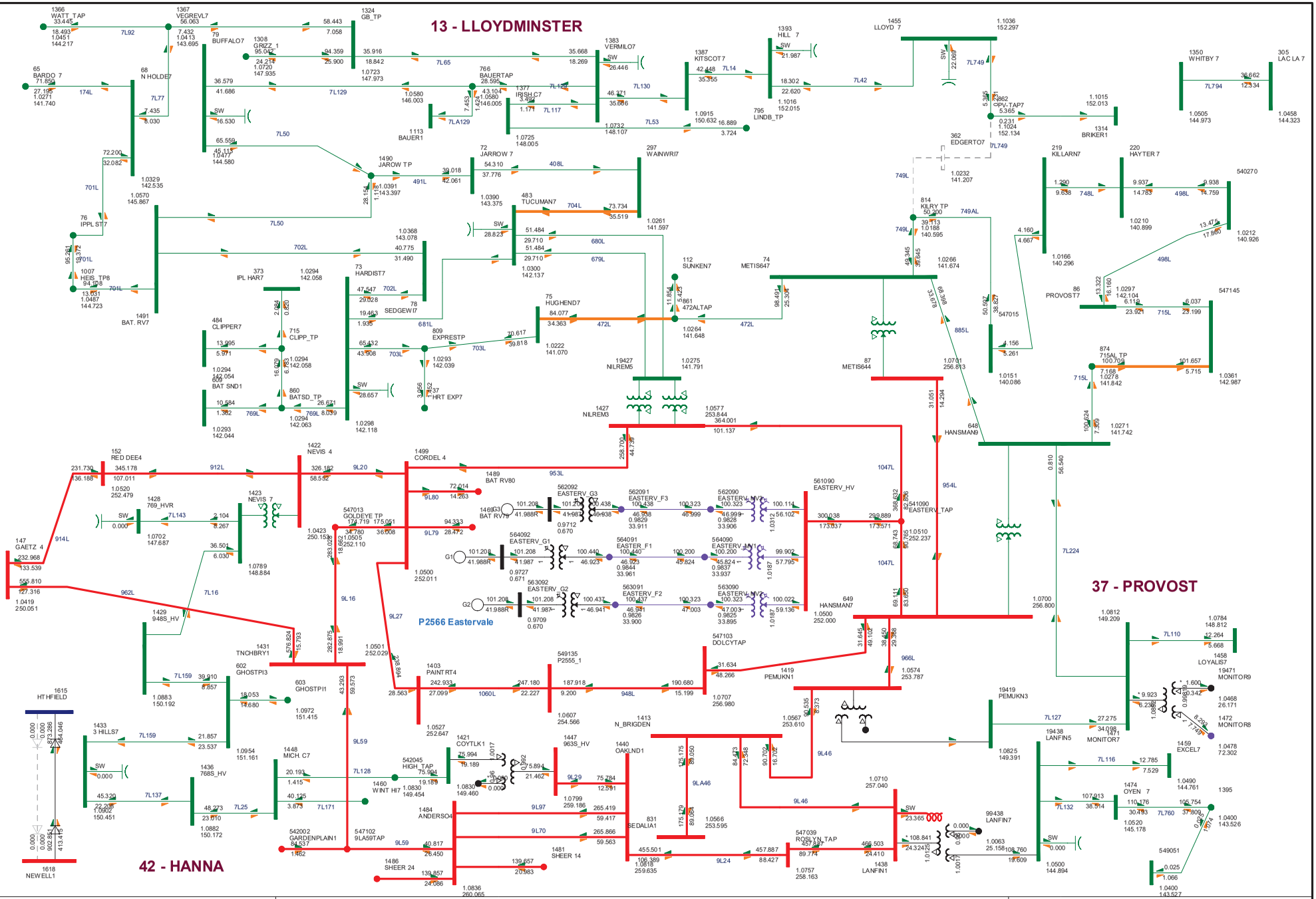


P2566 Eastervale Solar Battery

FIGURE A3.2-13 N-1: 749L/7L749 (EDGERTON 899S TO LLOYDMINSTER 716S)
2028 SUMMER LIGHT HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

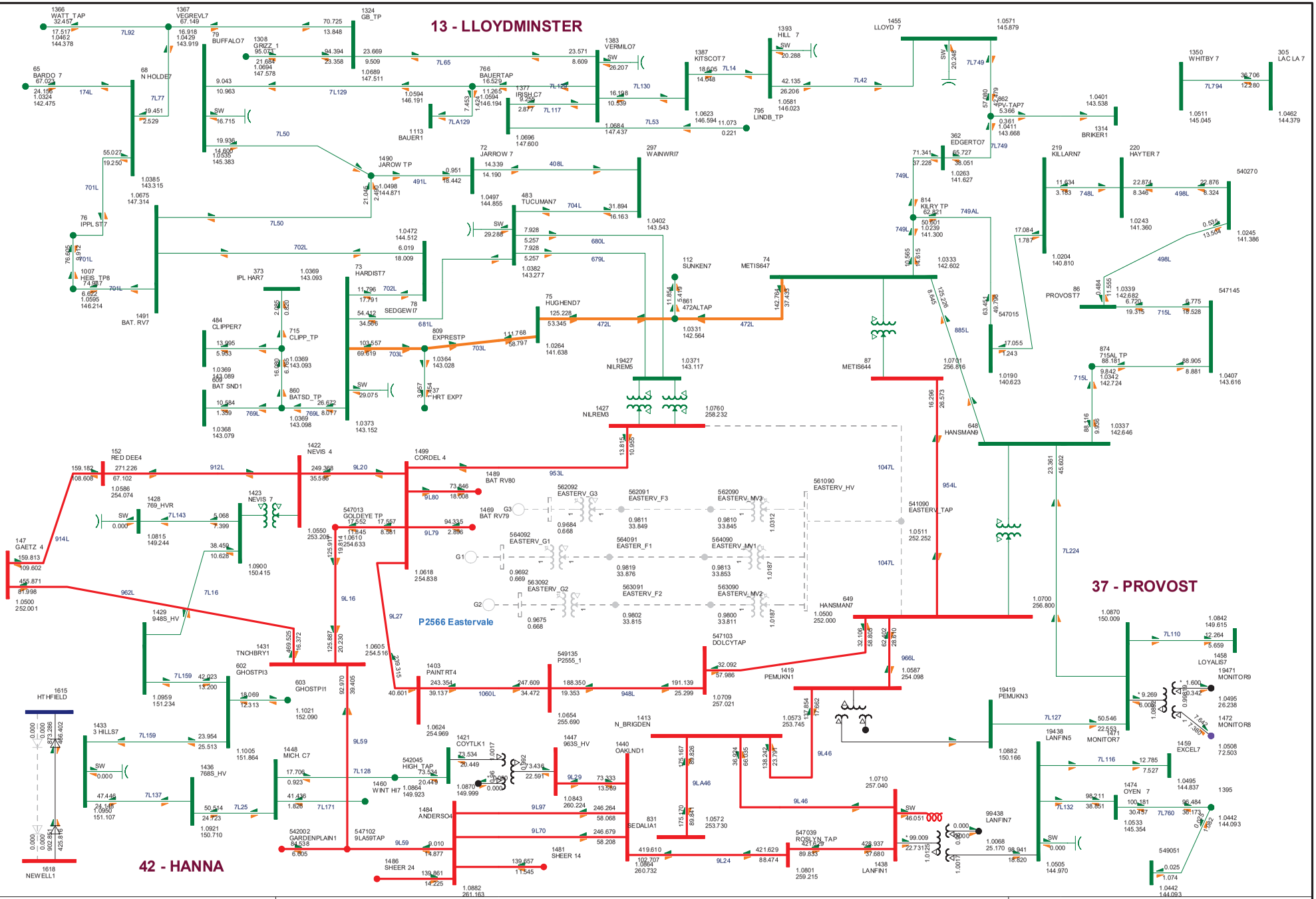


P2566 Eastervale Solar Battery

FIGURE A3.2-14 N-1: EDGERTON 899S TRANSFORMER T1
2028 SUMMER LIGHT HIGH GENERATION (POST-CONNECTION)
PRINTED ON FRIDAY 15. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

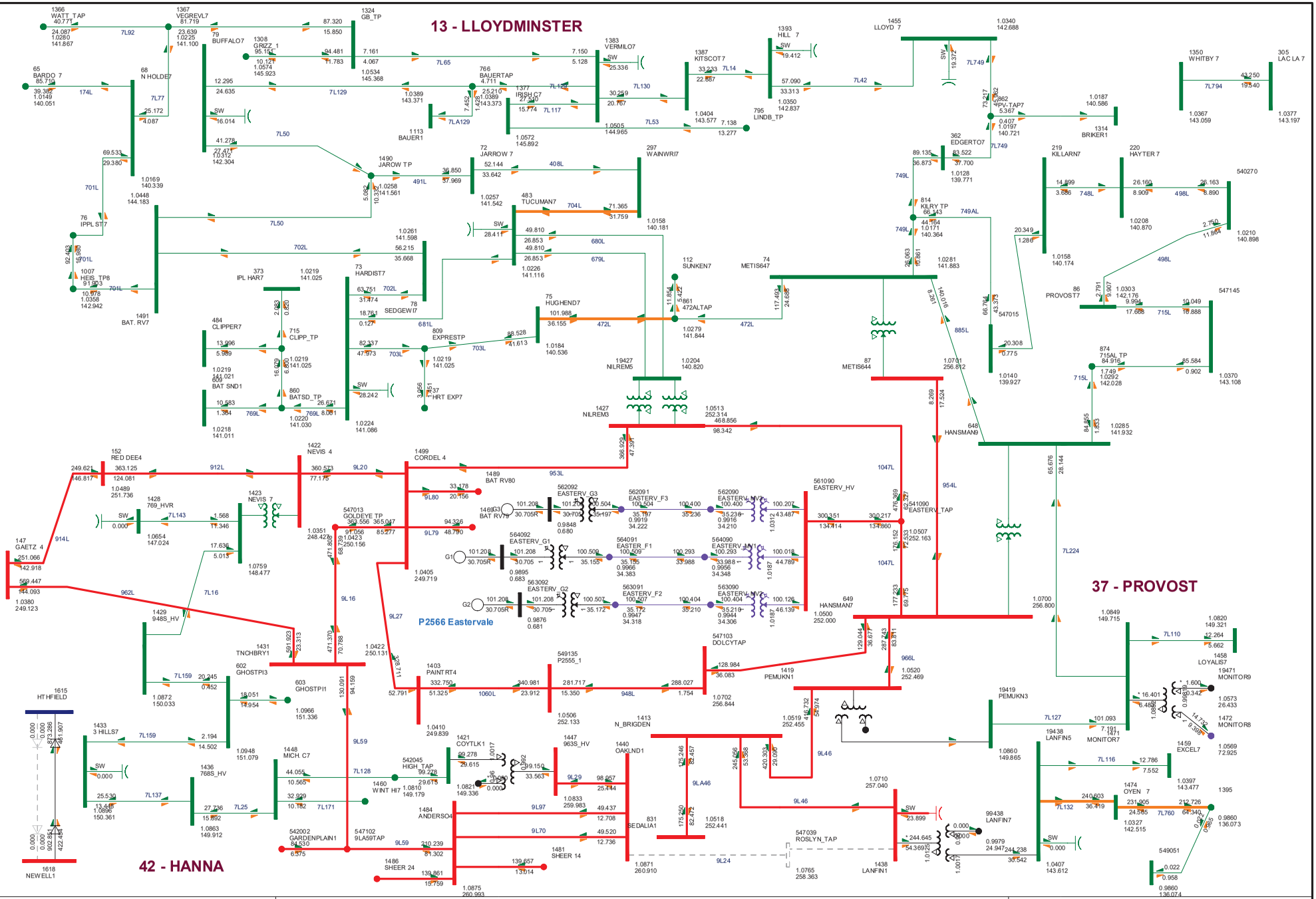


P2566 Eastervale Solar Battery

FIGURE A3.2-15 N-1: 1047L (HANSMAN LAKE 650S TO NILREM 574S)
2028 SUMMER LIGHT HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

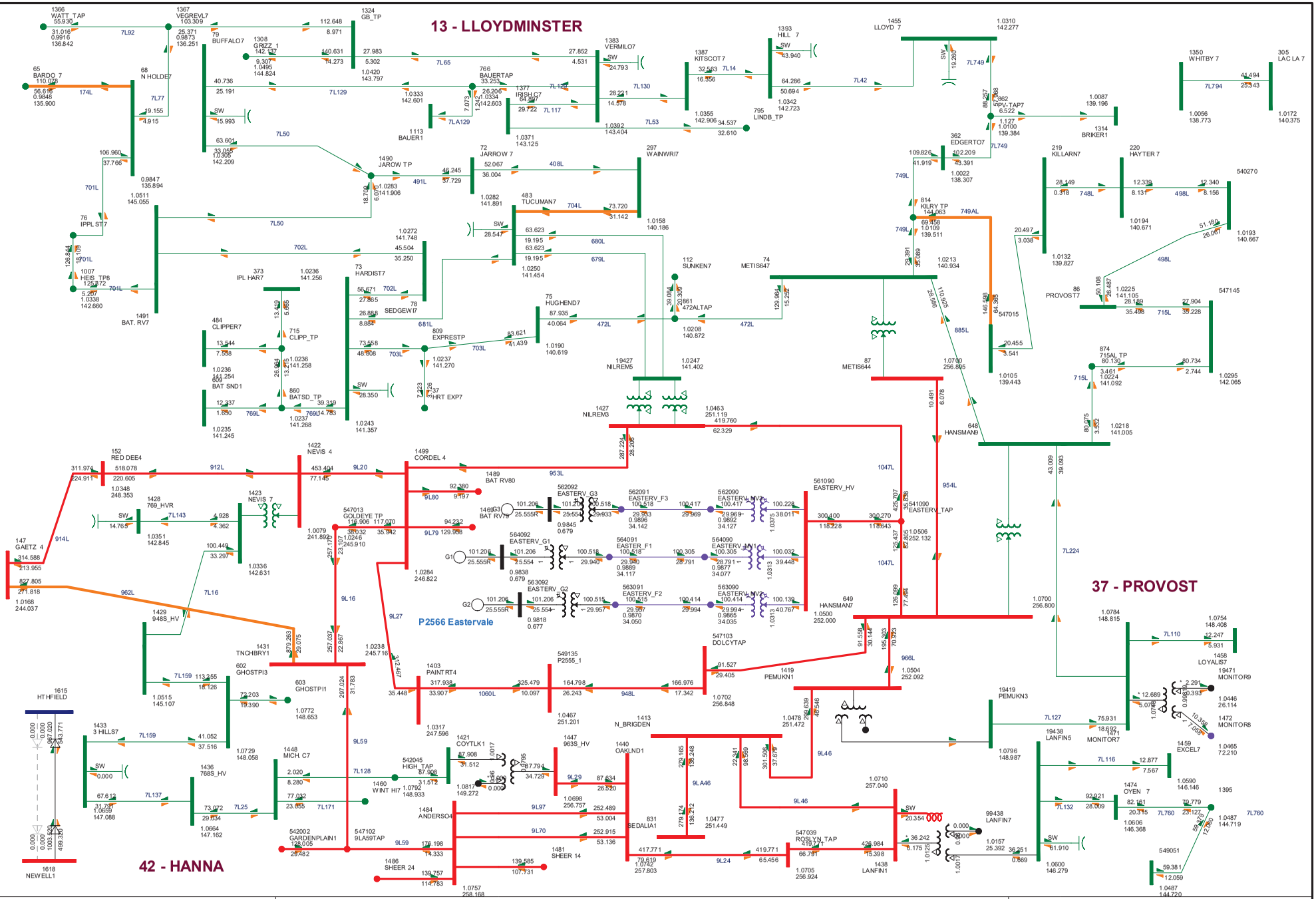


P2566 Eastervale Solar Battery

FIGURE A3.2-16 N-1: 9L24 (OAKLAND 946S - LANFINE 959S)
2028 SUMMER LIGHT HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

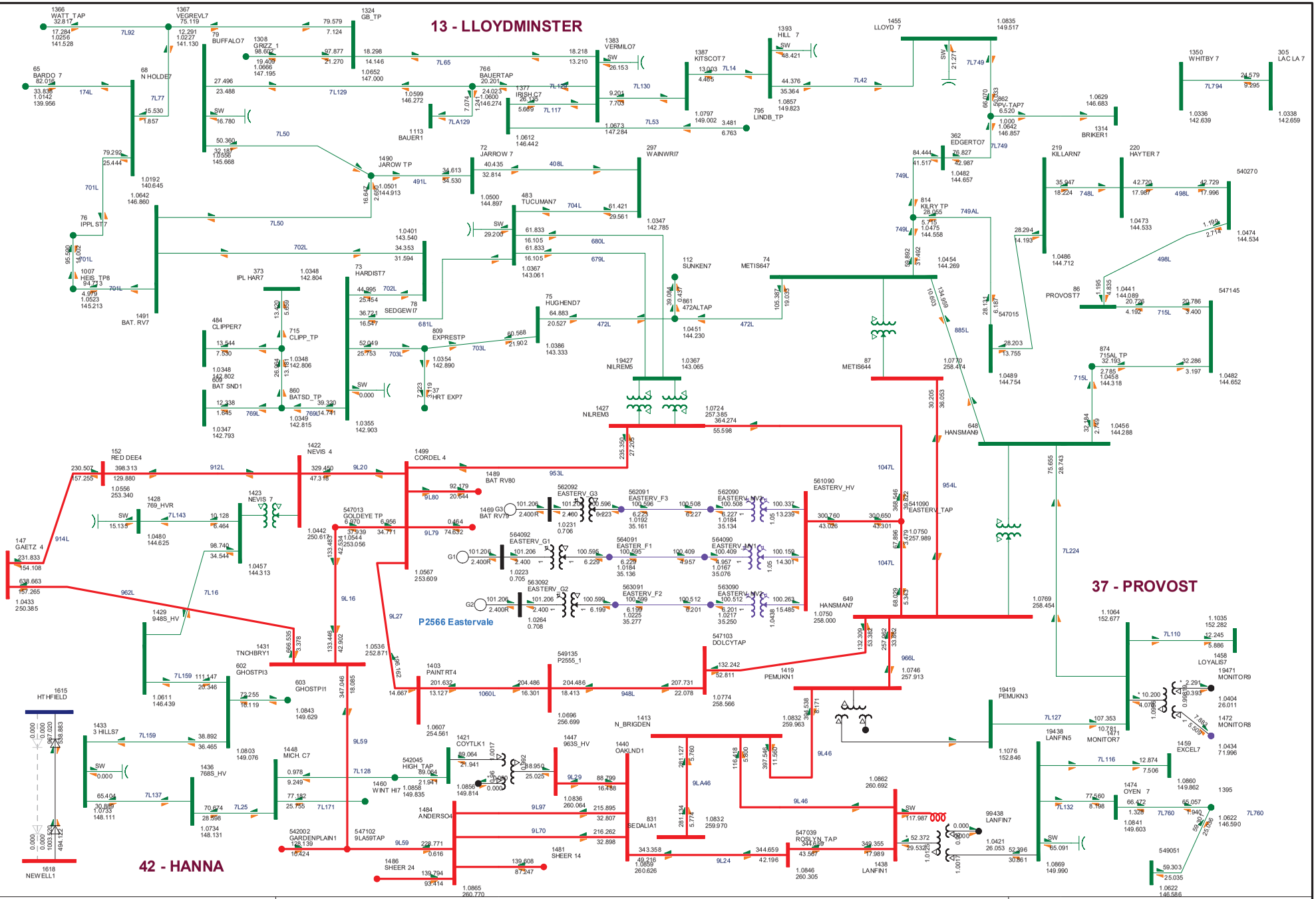


P2566 Eastervale Solar Battery

FIGURE A3.3-0-N-0: NORMAL OPERATION (PRE-CURTAILMENT)
2028 WINTER PEAK HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

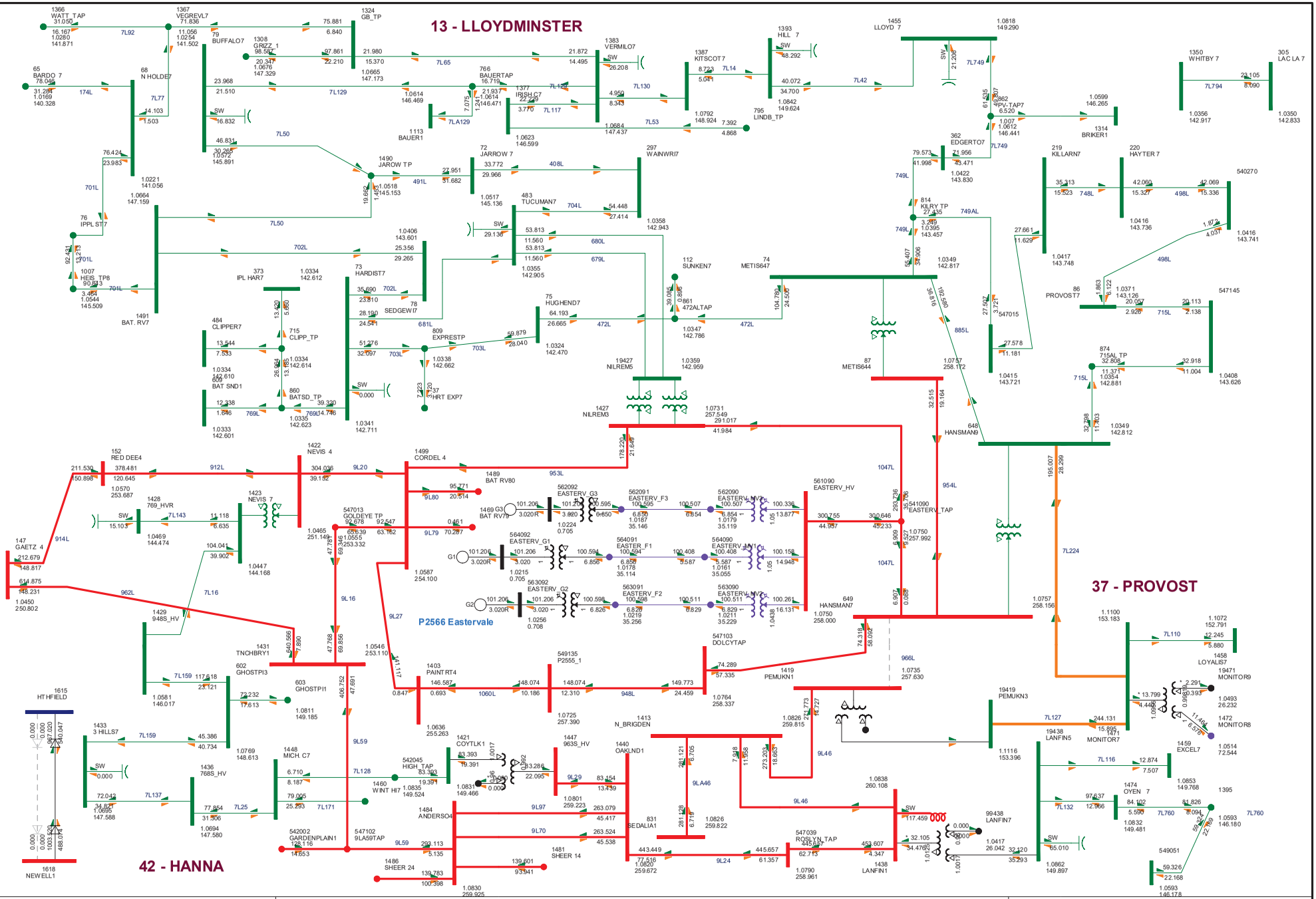


P2566 Eastervale Solar Battery

FIGURE A3.3-1-N-0: NORMAL OPERATION
2028 WINTER PEAK HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

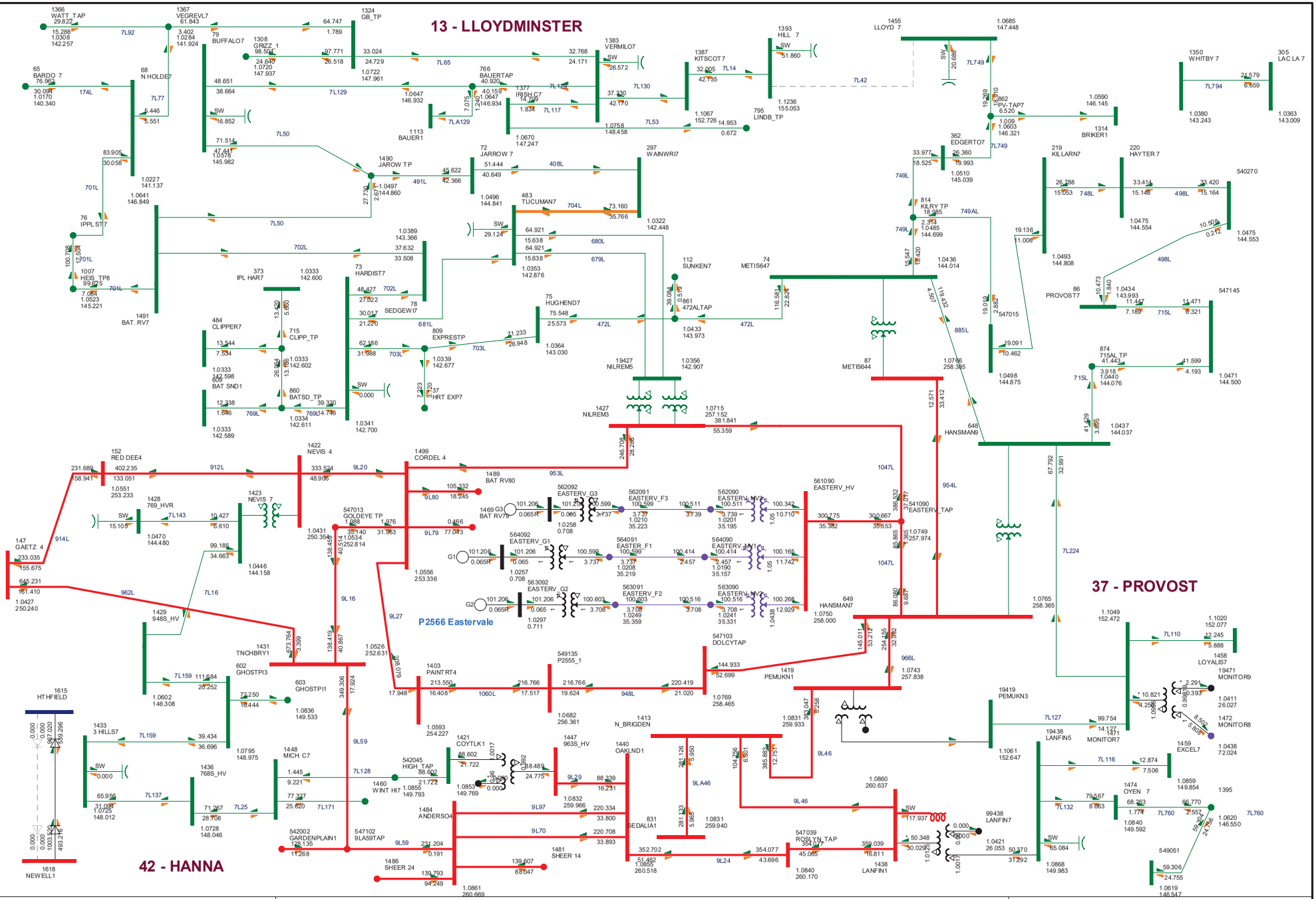


P2566 Eastervale Solar Battery

FIGURE A3.3-2 N-1: 966L (HANSMAN LAKE 650S TO PEMUKAN 932S)
2028 WINTER PEAK HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

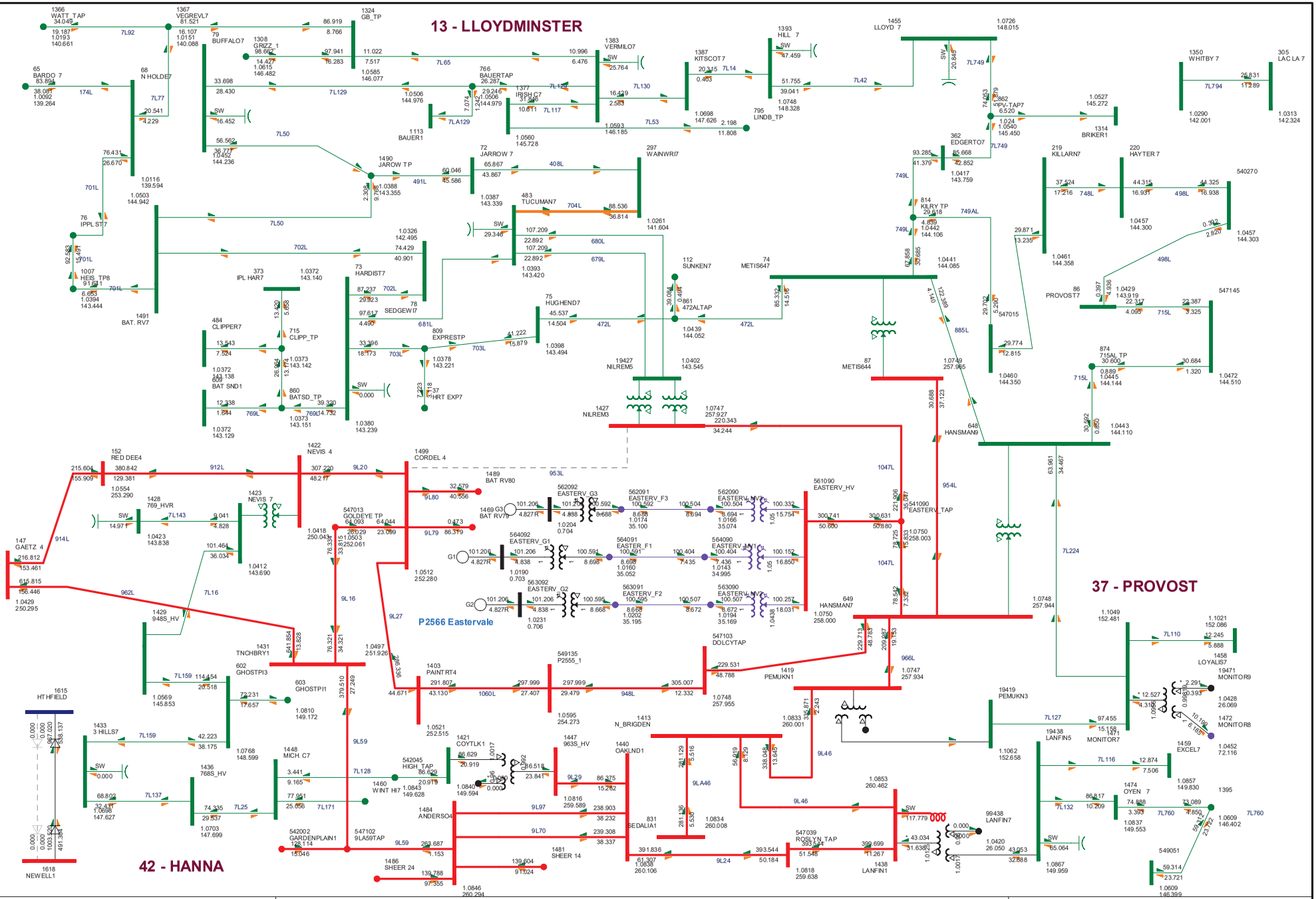


P2566 Eastervale Solar Battery

FIGURE A3.3-3 N-1: 7L42 (HILL 751S TO LLOYDMINSTER 716S)
2028 WINTER PEAK HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

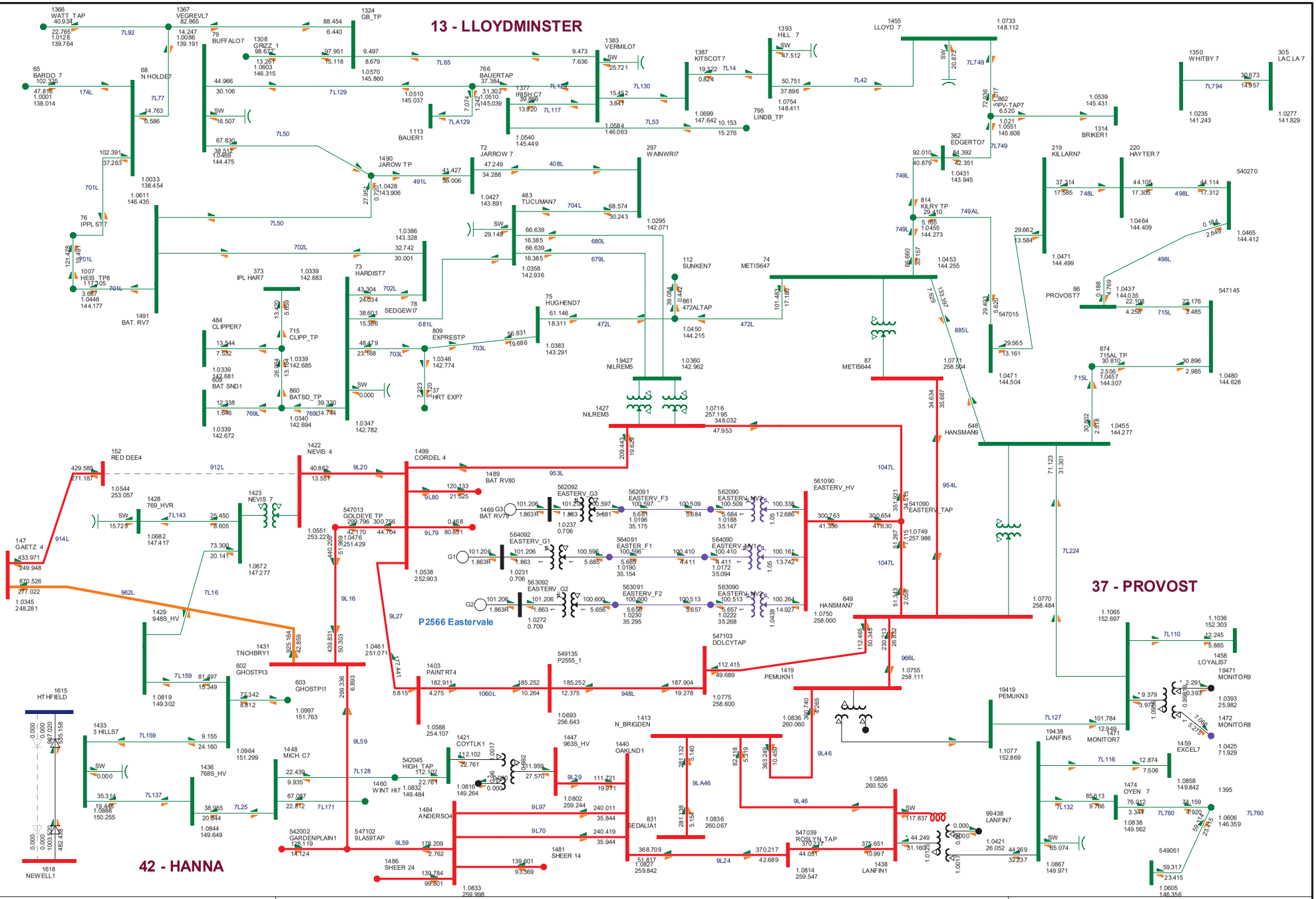


P2566 Eastervale Solar Battery

FIGURE A3.3-4 N-1: 953L (NILREN 574S TO CORDEL 755S)
2028 WINTER PEAK HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

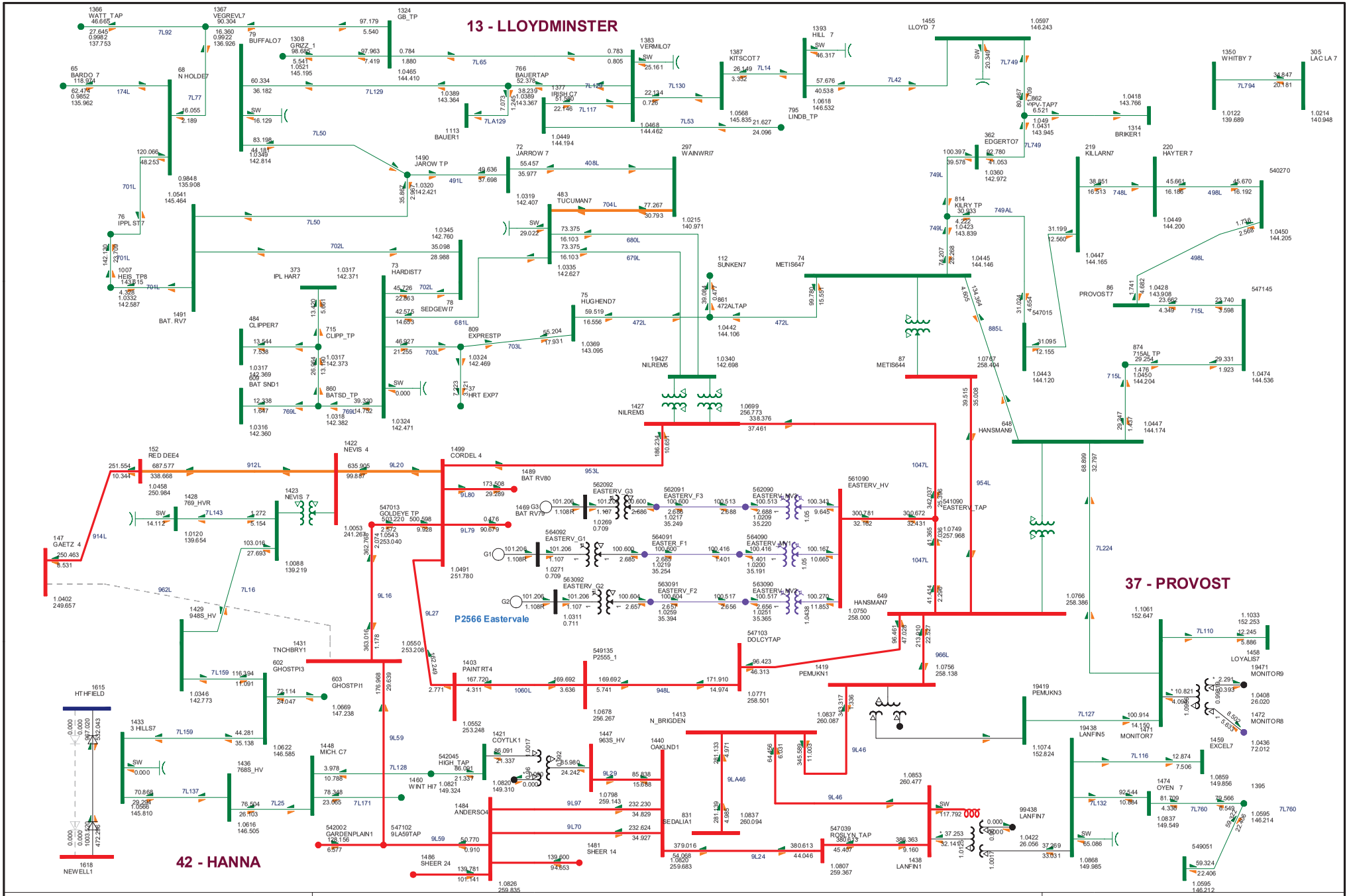


P2566 Eastervale Solar Battery

FIGURE A3.3-5 N-1: 912L (NEVIS 766S TO RED DEER 63S)
2028 WINTER PEAK HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

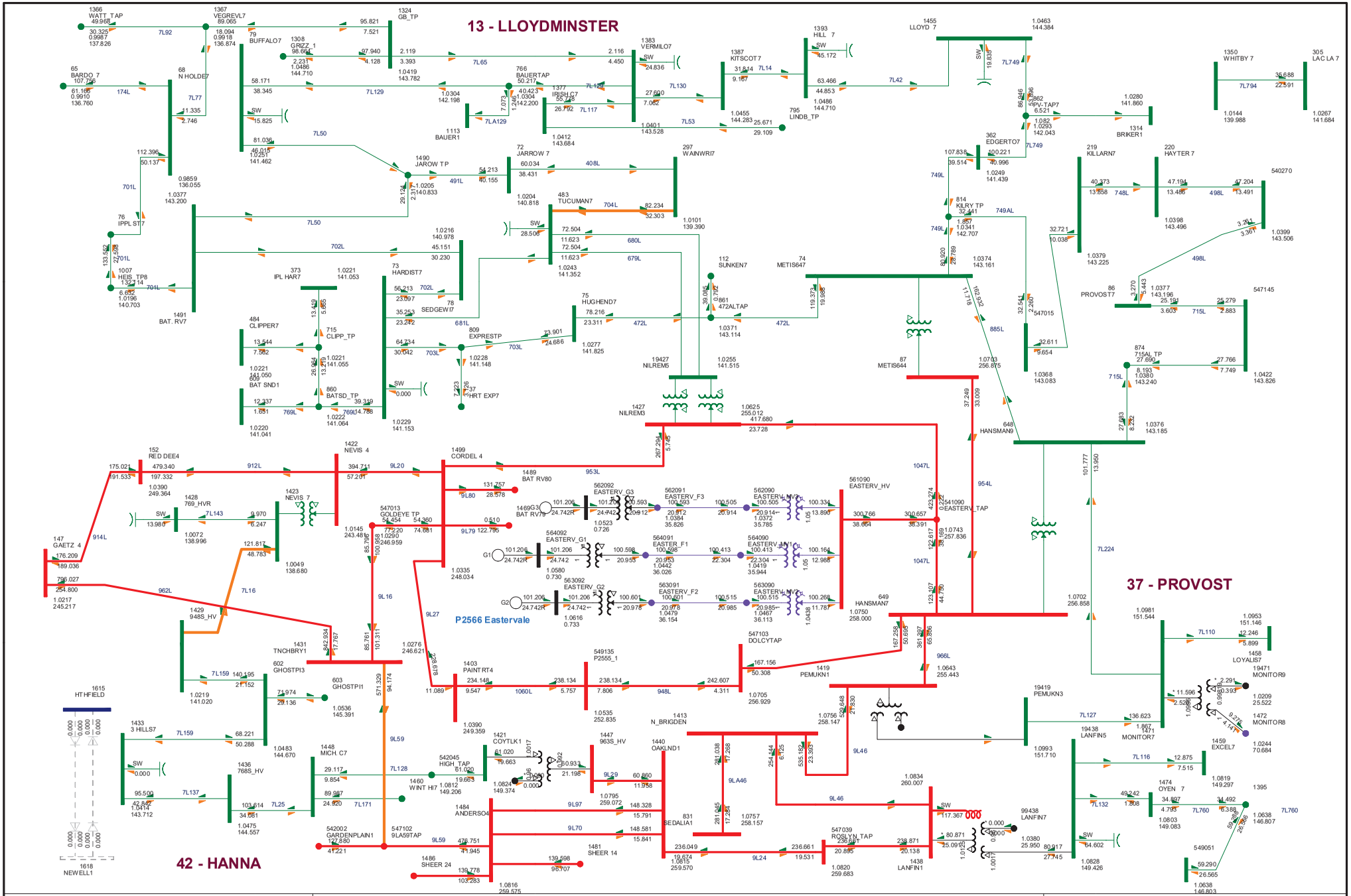


P2566 Eastervale Solar Battery

FIGURE A3.3-6 N-1: 962L/9L62 (TINCHEBRAY 972S TO GAETZ 87S)
2028 WINTER PEAK HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

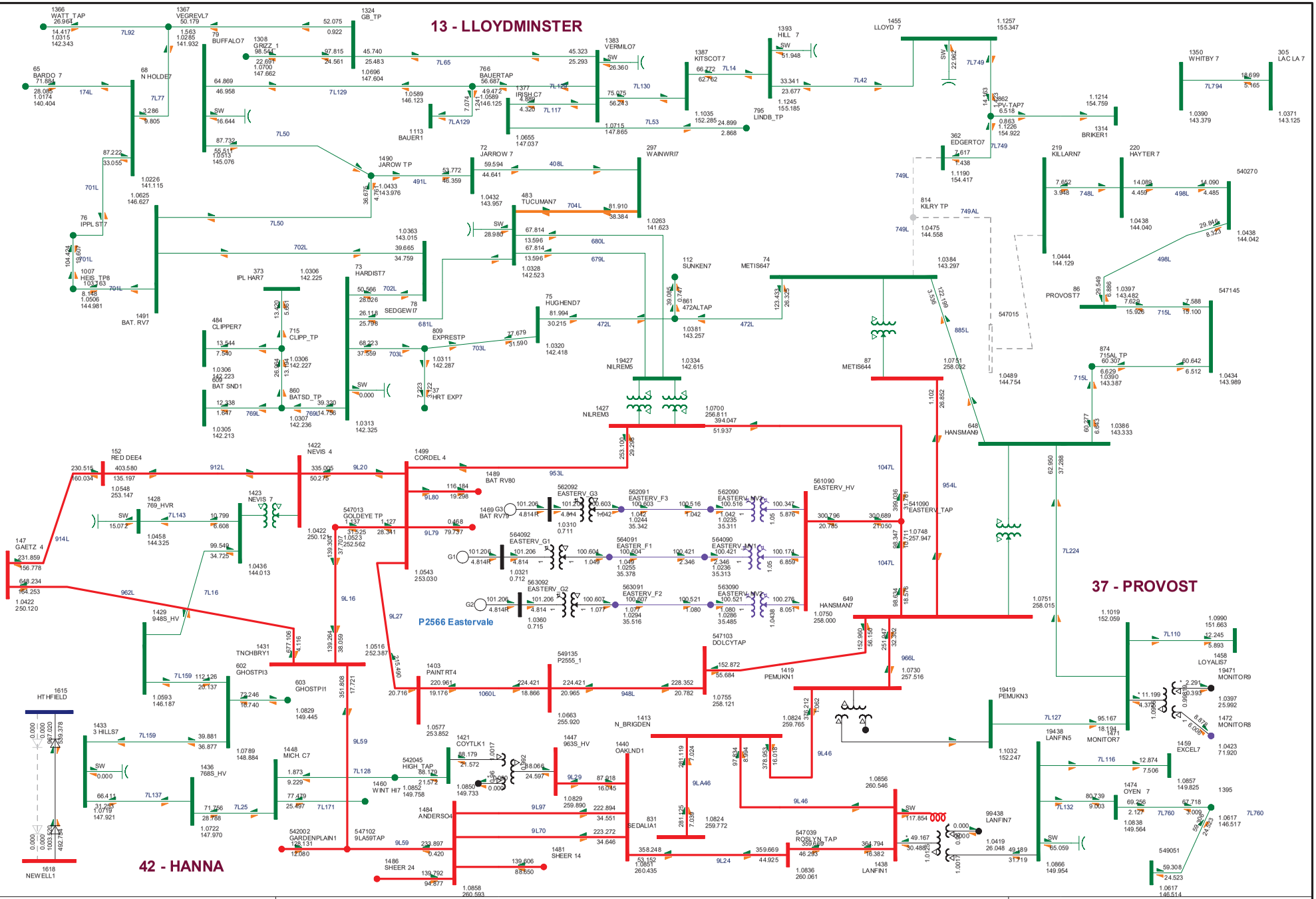


P2566 Eastervale Solar Battery

FIGURE A3.3-7 N-1: EATL
2028 WINTER PEAK HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

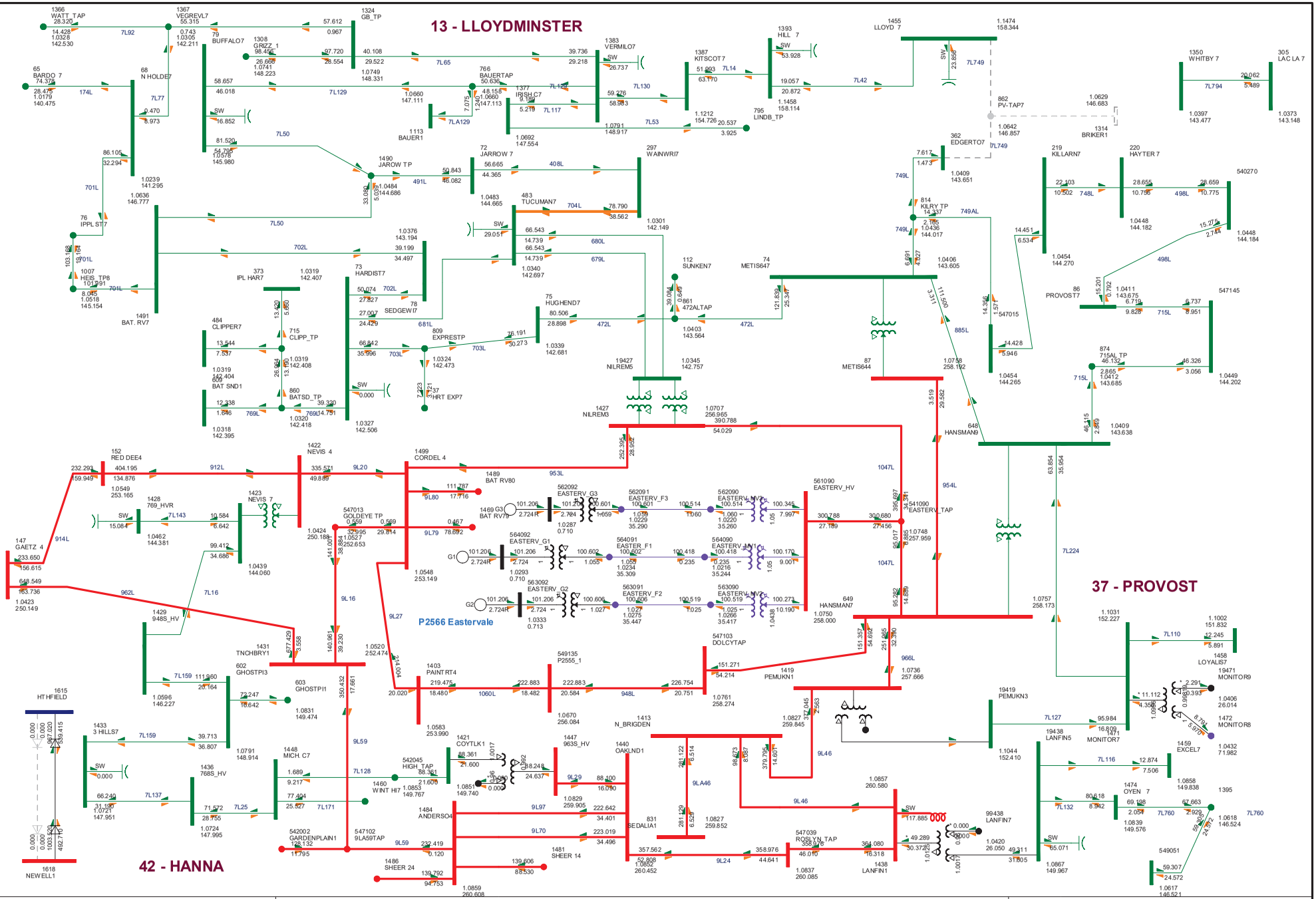


P2566 Eastervale Solar Battery

FIGURE A3.3-8 N-1: 749L (METISKOW 648S TO EDGERTON 899S)
2028 WINTER PEAK HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

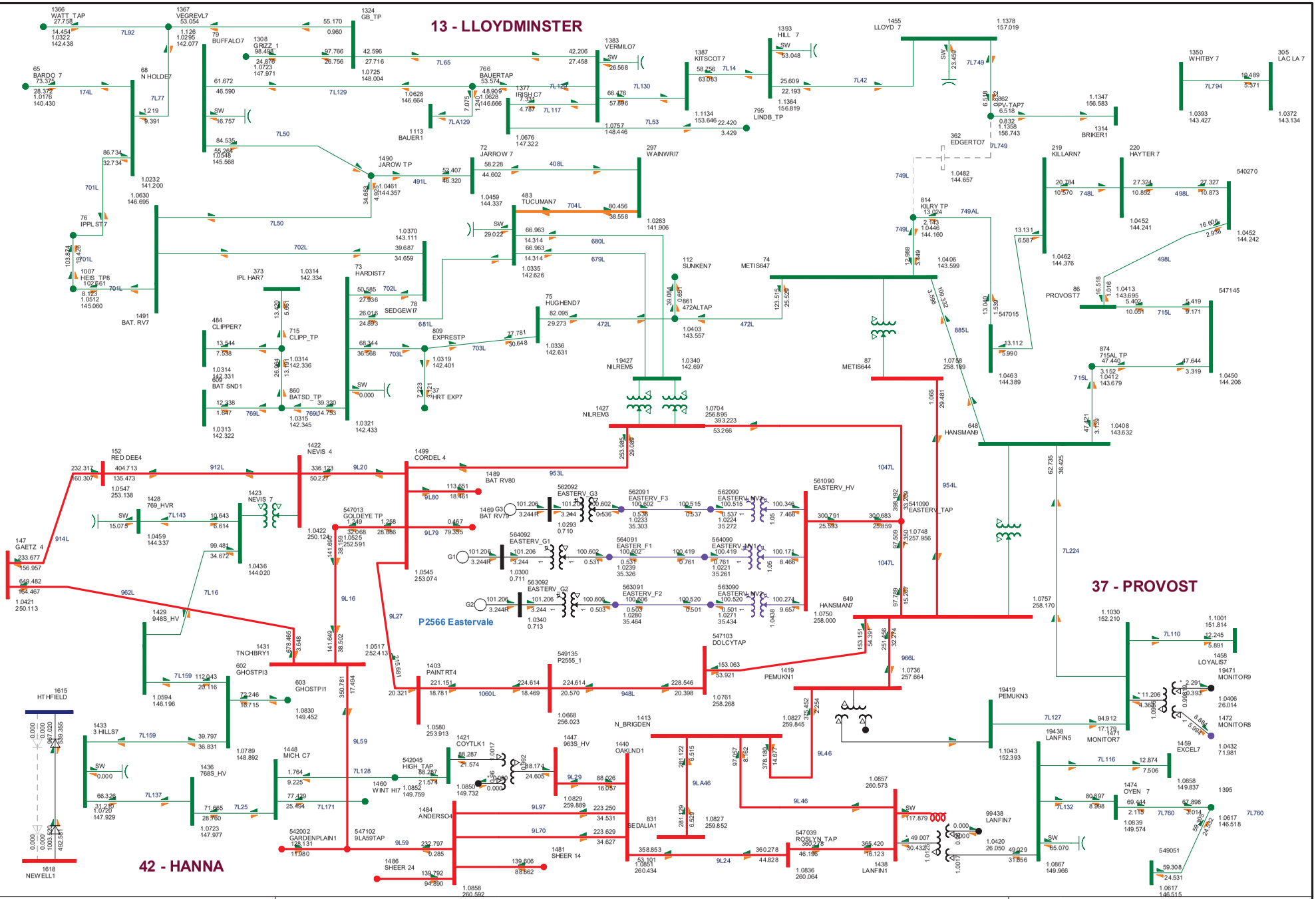


P2566 Eastervale Solar Battery

FIGURE A3.3-9 N-1: 749L/7L749 (EDGERTON 899S TO LLOYDMINSTER 716S)
2028 WINTER PEAK HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

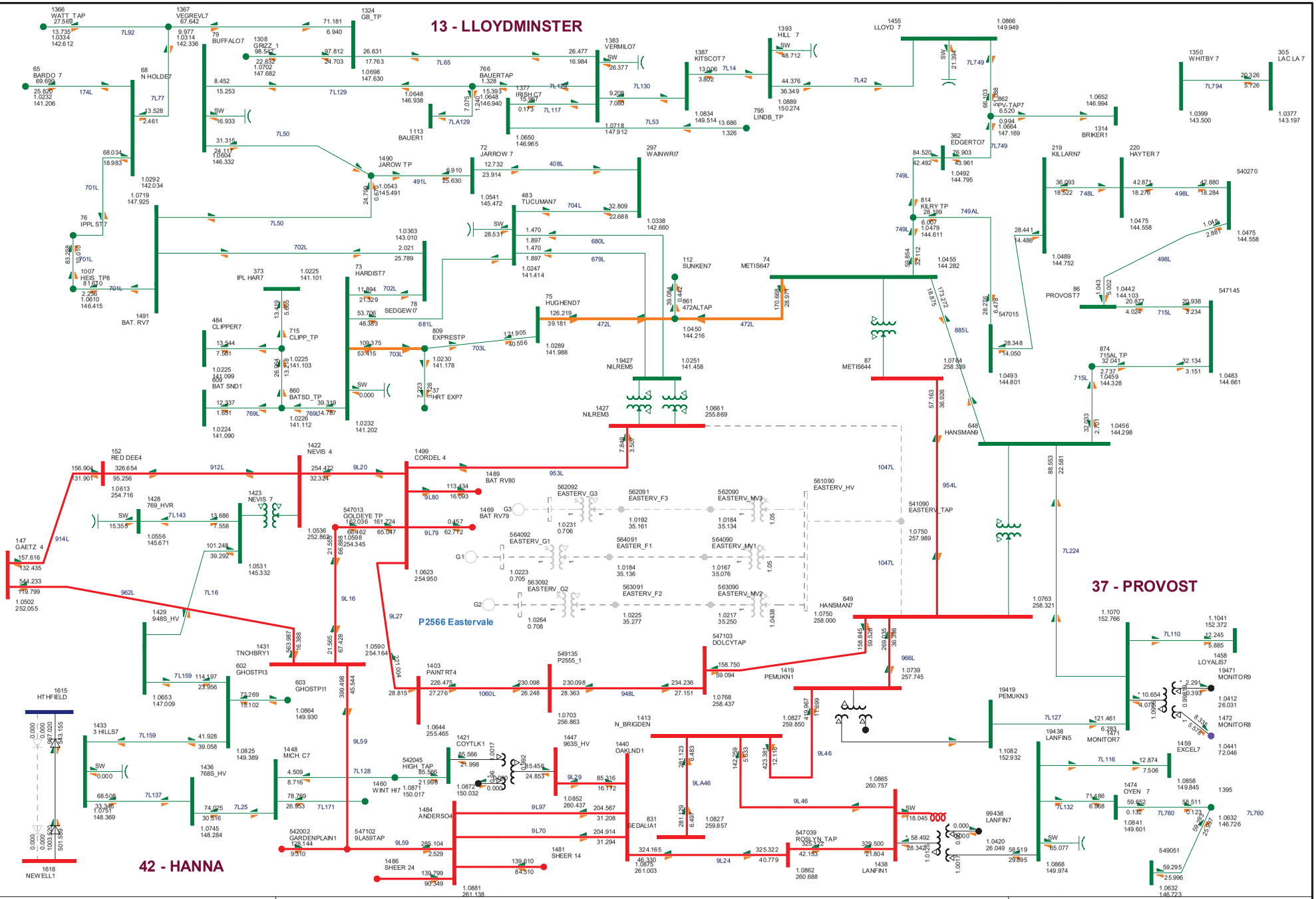


P2566 Eastervale Solar Battery

FIGURE A3.3-10 N-1: EDGERTON 899S TRANSFORMER T1
2028 WINTER PEAK HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

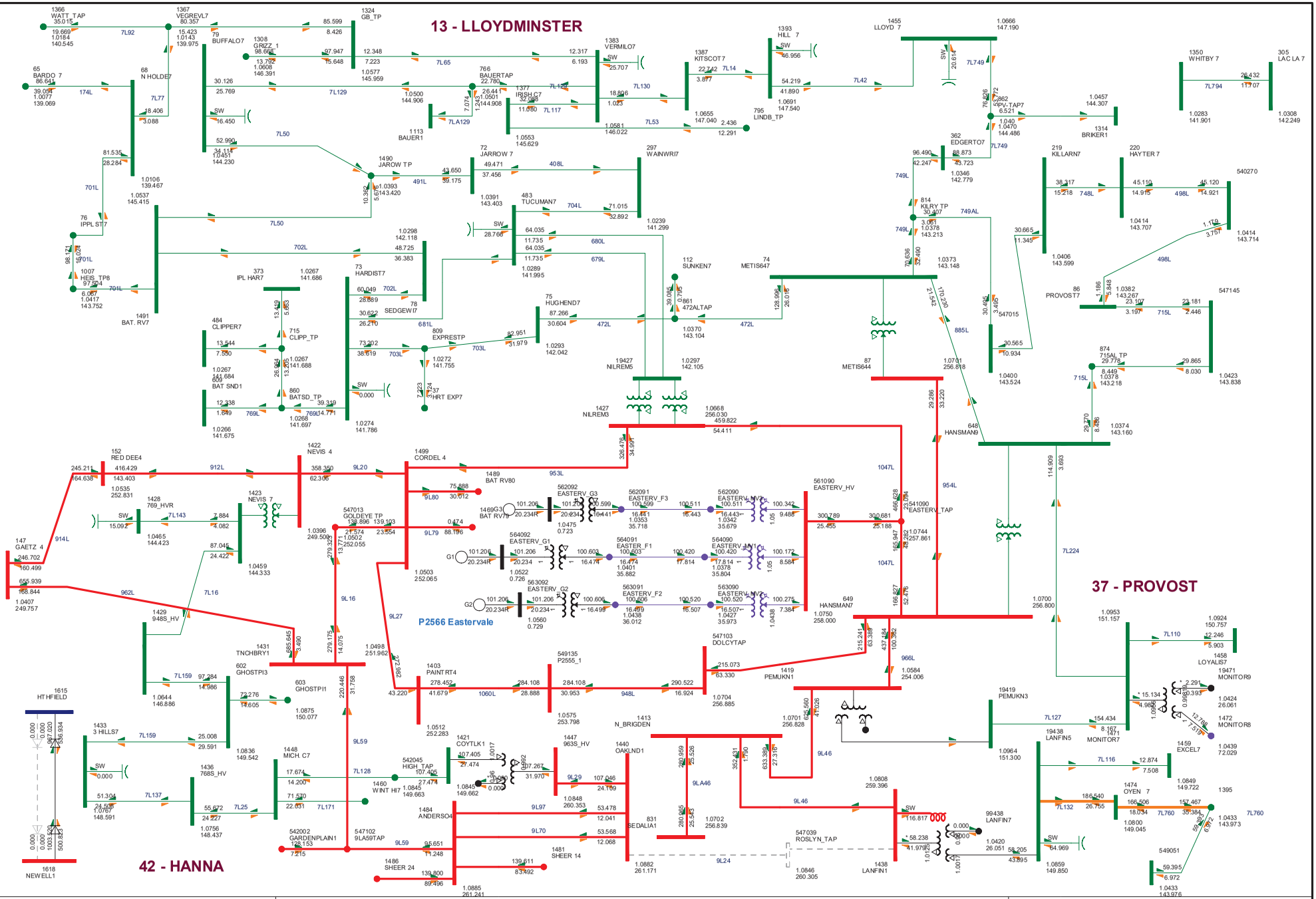


P2566 Eastervale Solar Battery

FIGURE A3.3-11 N-1: 1047L (HANSMAN LAKE 650S TO NILREM 574S)
2028 WINTER PEAK HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

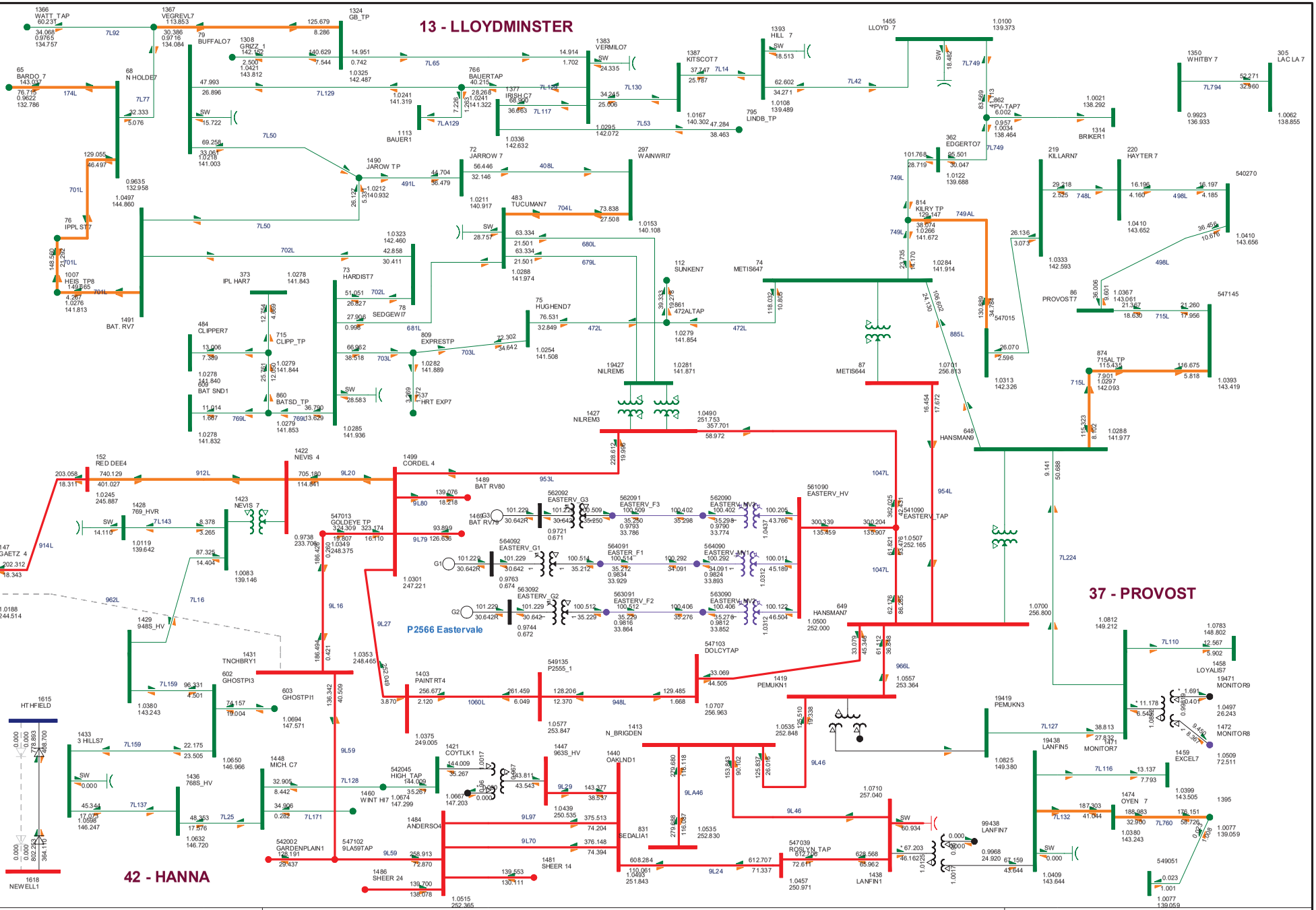


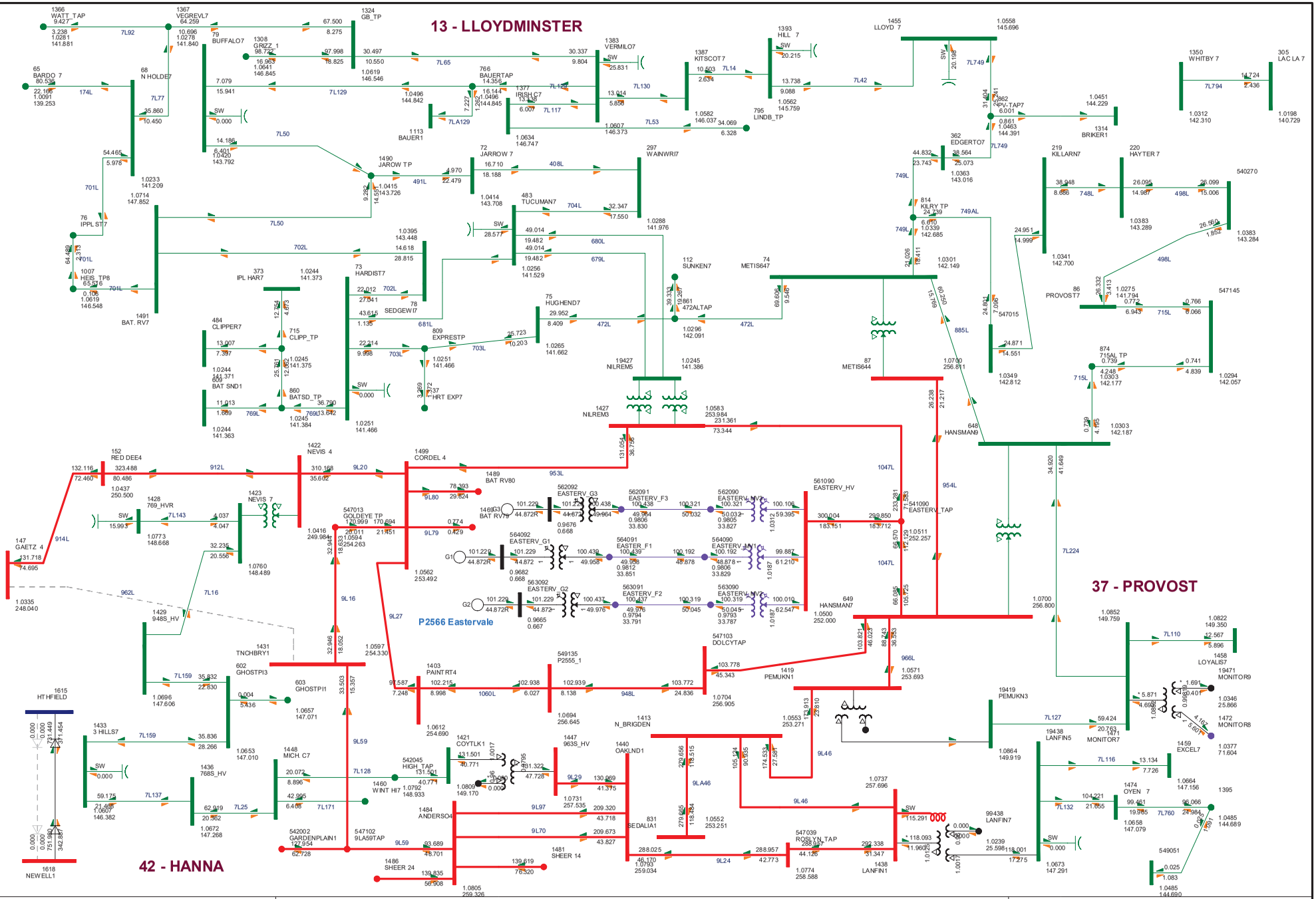
P2566 Eastervale Solar Battery

FIGURE A3.3-12 N-1: 9L24 (OAKLAND 946S - LANFINE 959S)
2028 WINTER PEAK HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000


13 - LLOYDMINSTER
37 - PROVOST
42 - HANNA
P2566 Eastervale
1366 WATT_TAP 60.231
1367 VEGREVL7 113.853
1324 GB_TP
1308 GRIZZ_1 142.152
1383 VERMILO7
1387 KITSCOT7
1393 HILL_7
1455 LLOYD_7
1350 WHITBY_7
305 LAC LA_7
65 BARDO_7 143.037
68 N HOLDE7
766 BAUERTAP 40.215
1377 IRISH_C7 68.500
795 LINDB_TP
1113 BAUER1
1490 JAROW TP
72 JARROW_7
297 WAINWRI7
483 TUCUMAN7
112 SUNKEN7
74 METIS647
362 EDGERTO7
219 KILLARN7
220 HAYTER_7
540270
814 KILRY TP
76 IPPL ST7
1007 HEIS_TP8
1491 BAT. RV7
373 IPL HAR7
73 HARDIST7
78 SEDGEWI7
75 HUGHEND7
484 CLIPPER7
715 CLIPP_TP
809 EXPRESTP
HRT EXP7
860 BATSD_TP
BAT SND1
86 PROVOST7
547145
547015
874 715AL_TP 115.435
19427 NILREM5
1427 NILREM3
87 METIS644
648 HANSMAN8
152 RED DEE4
1422 NEVIS 4
1499 CORDEL 4
1489 BAT RV80
1423 NEVIS 7
1428 769_HVR
147 GAETZ 4
1188 244.514
547013 GOLDEYE TP
562092 EASTERV_G3
562091 EASTERV_F3
562090 EASTERV_MV3
561090 EASTERV_HV
541090 EASTERV_TAP
564092 EASTERV_G1
564091 EASTER_F1
564090 EASTERV_MV1
563092 EASTERV_G2
563091 EASTERV_F2
563090 EASTERV_MV2
649 HANSMAN7
1429 948S_HV
1431 TNCHBRY1
602 GHOSTPI3
603 GHOSTPI1
1403 PAINTRT4
549135 P2555_1
547103 DOLCYTAP
1419 PEMUKN1
19419 PEMUKN3
1615 HTHFIELD
1433 3 HILLS7
1436 768S_HV
1448 MICH_C7
1460 WINT HI7
542045 HIGH_TAP
1421 COYTLK1
1447 963S_HV
1440 OAKLND1
1413 N_BRIGDEN
542002 GARDENPLAIN1
547102 9LA59TAP
1484 ANDERSO4
1481 SHEER 14
1486 SHEER 24
1618 NEWELL1
831 SEDALIA1
547039 ROSLYN_TAP
1438 LANFIN1
99438 LANFIN7
19438 LANFIN5
1458 LOYALIS7
19471 MONITOR9
1472 MONITOR8
1471 MONITOR7
1459 EXCEL7
1474 OYEN_7
549051
P2566 Eastervale Solar Battery
FIGURE A3.4-0-N-0: NORMAL OPERATION (PRE-CURTAILMENT)
2028 SUMMER PEAK HIGH GENERATION (POST-CONNECTION) - WITHOUT CETO
PRINTED ON SATURDAY 09. NOVEMBER 2024
Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar
kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

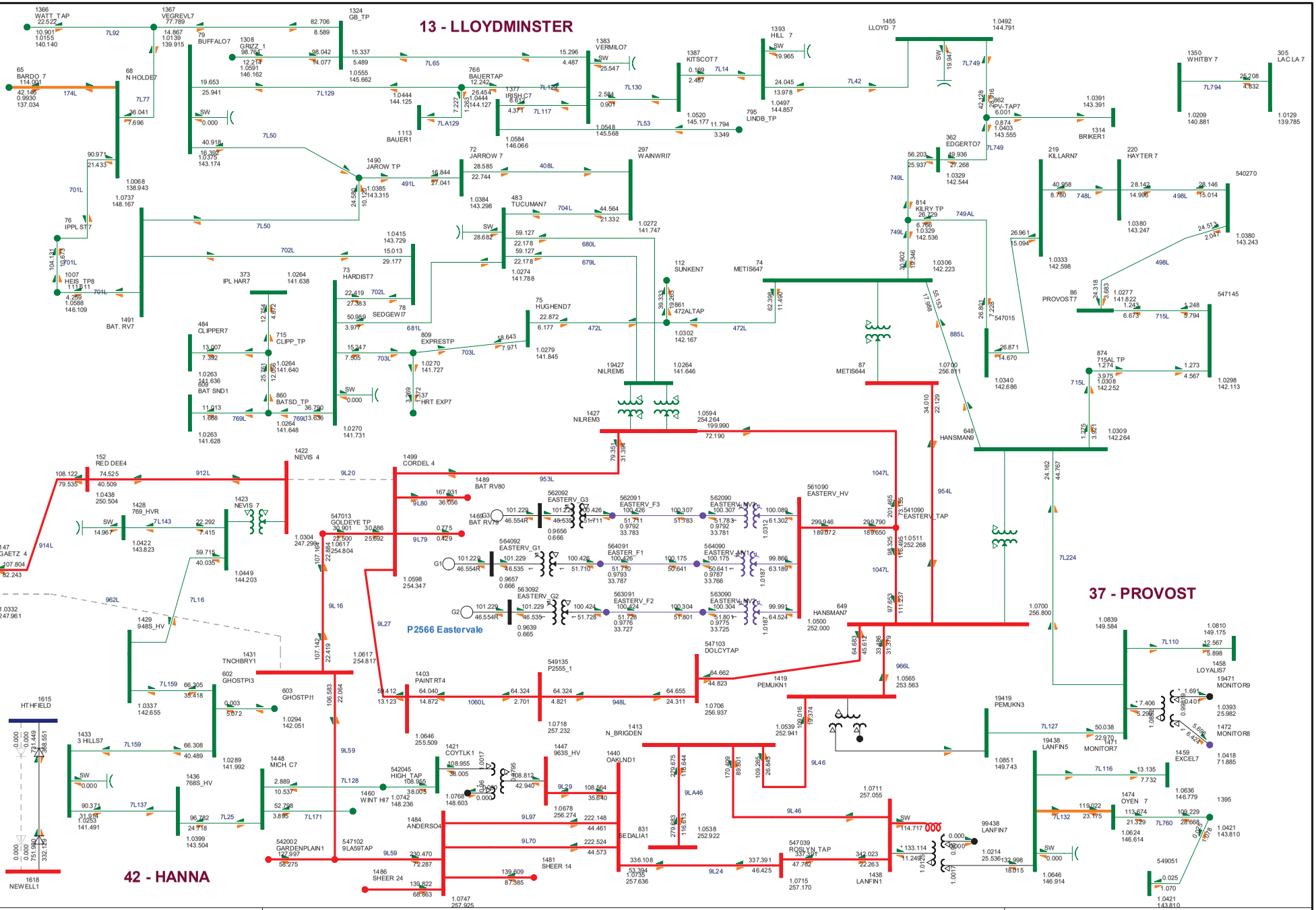


P2566 Eastervale Solar Battery

FIGURE A3.4-1-N-0: NORMAL OPERATION
2028 SUMMER PEAK HIGH GENERATION (POST-CONNECTION) - WITHOUT CETO
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

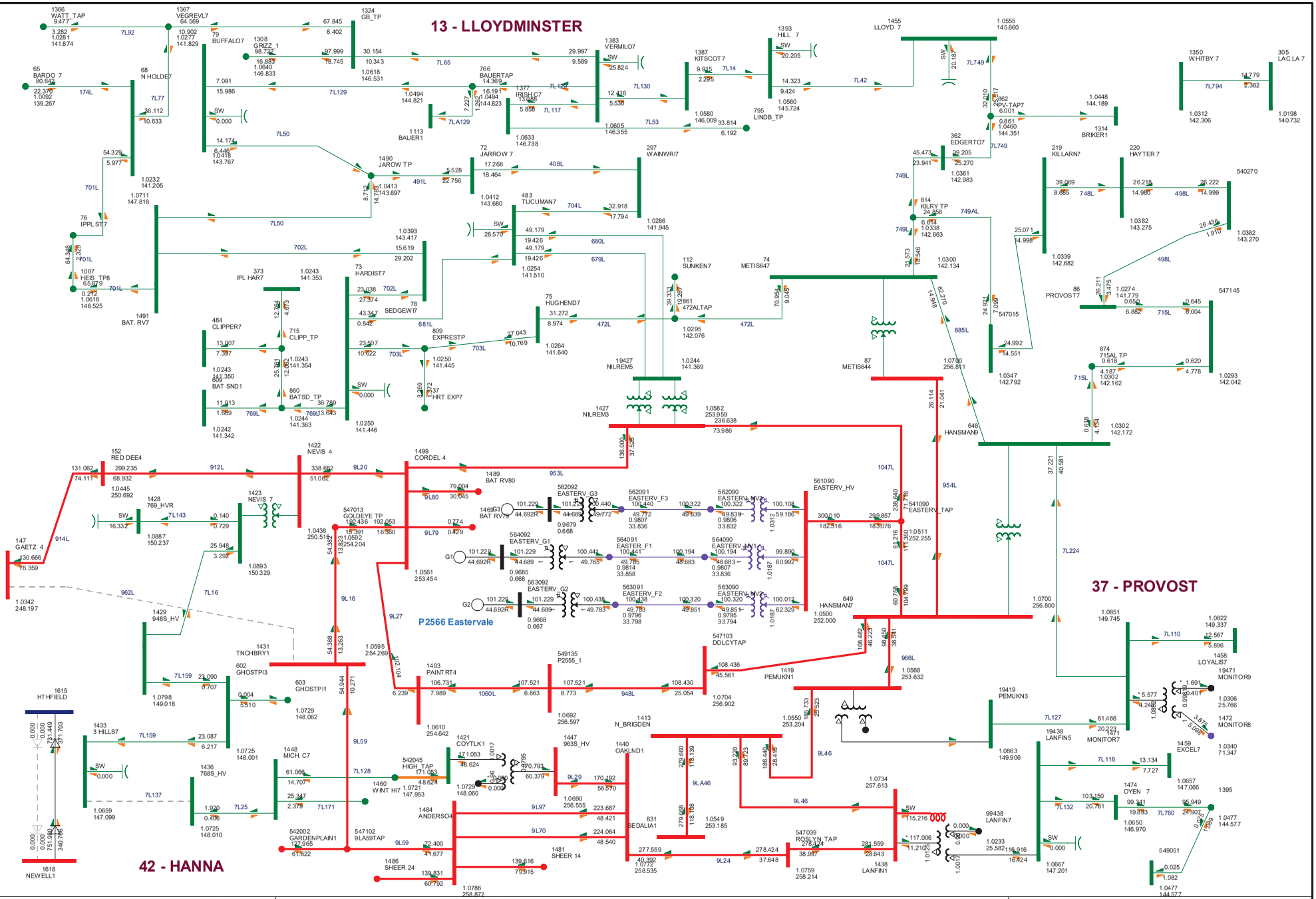


P2566 Eastervale Solar Battery

FIGURE A3.4-2 N-1: 9L20 (NEVIS 766S TO CORDEL 755S)
2028 SUMMER PEAK HIGH GENERATION (POST-CONNECTION) - WITHOUT CETO
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

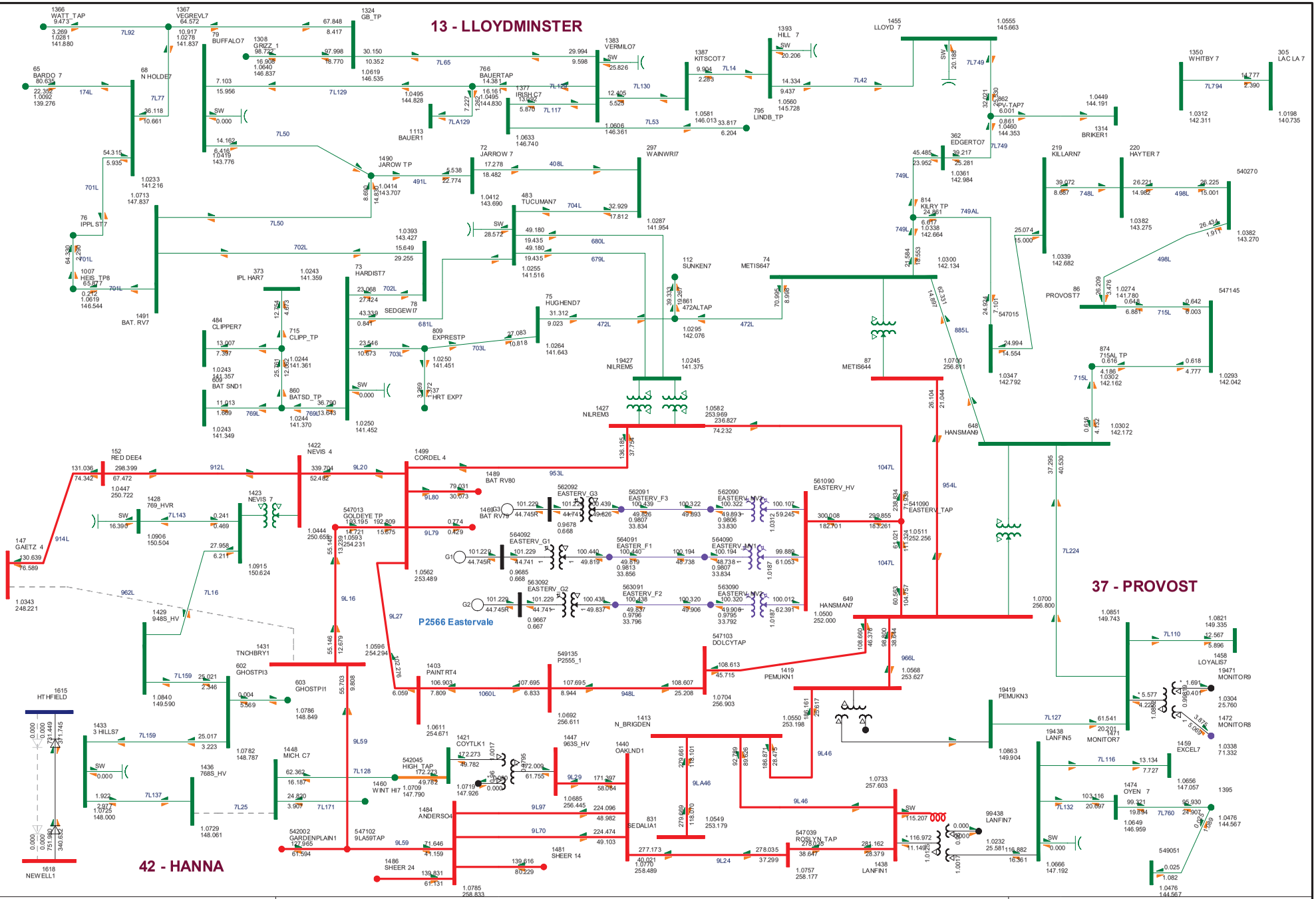


P2566 Eastervale Solar Battery

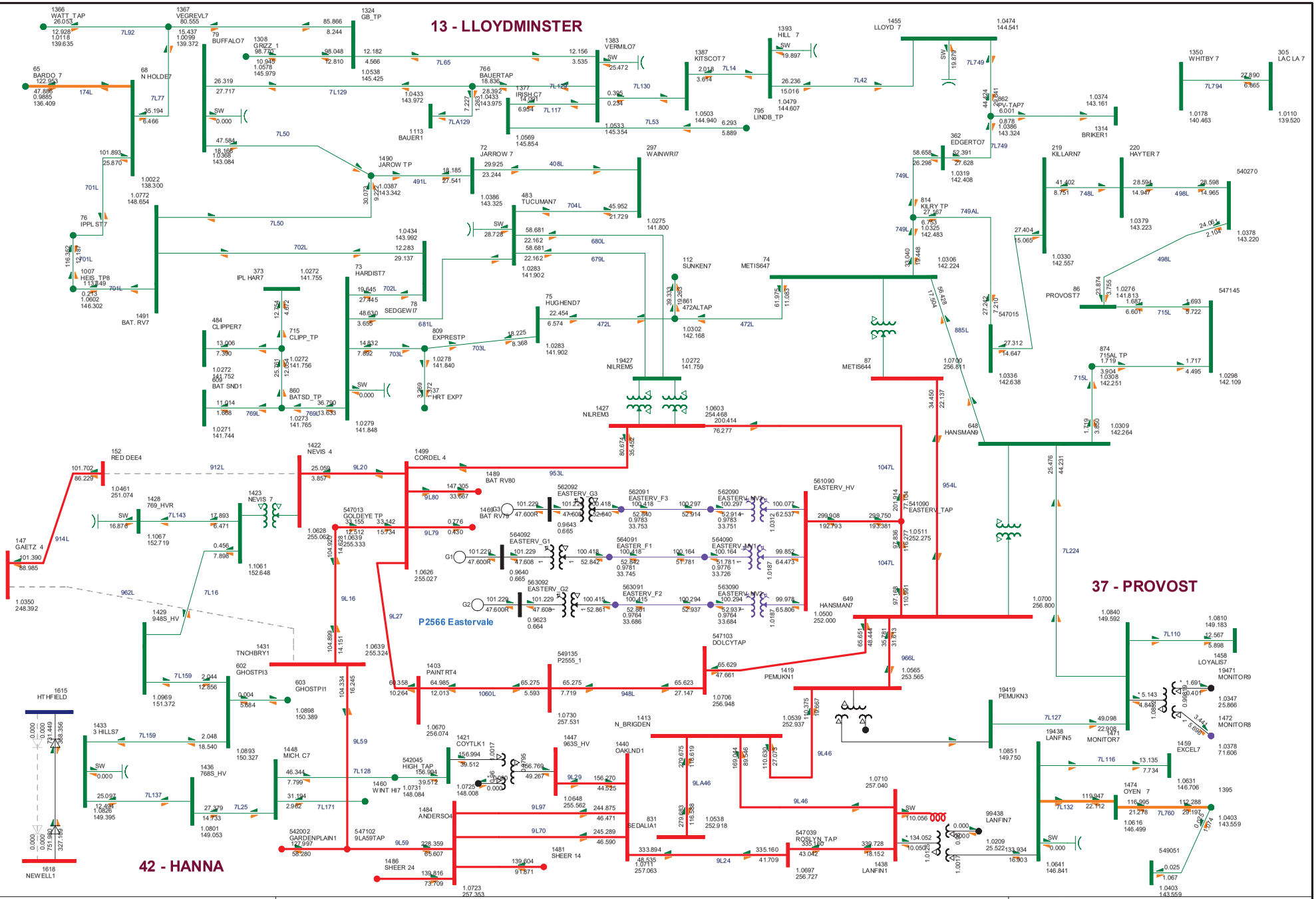
FIGURE A3.4-3 N-1: 7L137 (THREE HILLS 770S TO ROWLEY 768S)
2028 SUMMER PEAK HIGH GENERATION (POST-CONNECTION) - WITHOUT CETO
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000



P2566 Eastervale Solar Battery

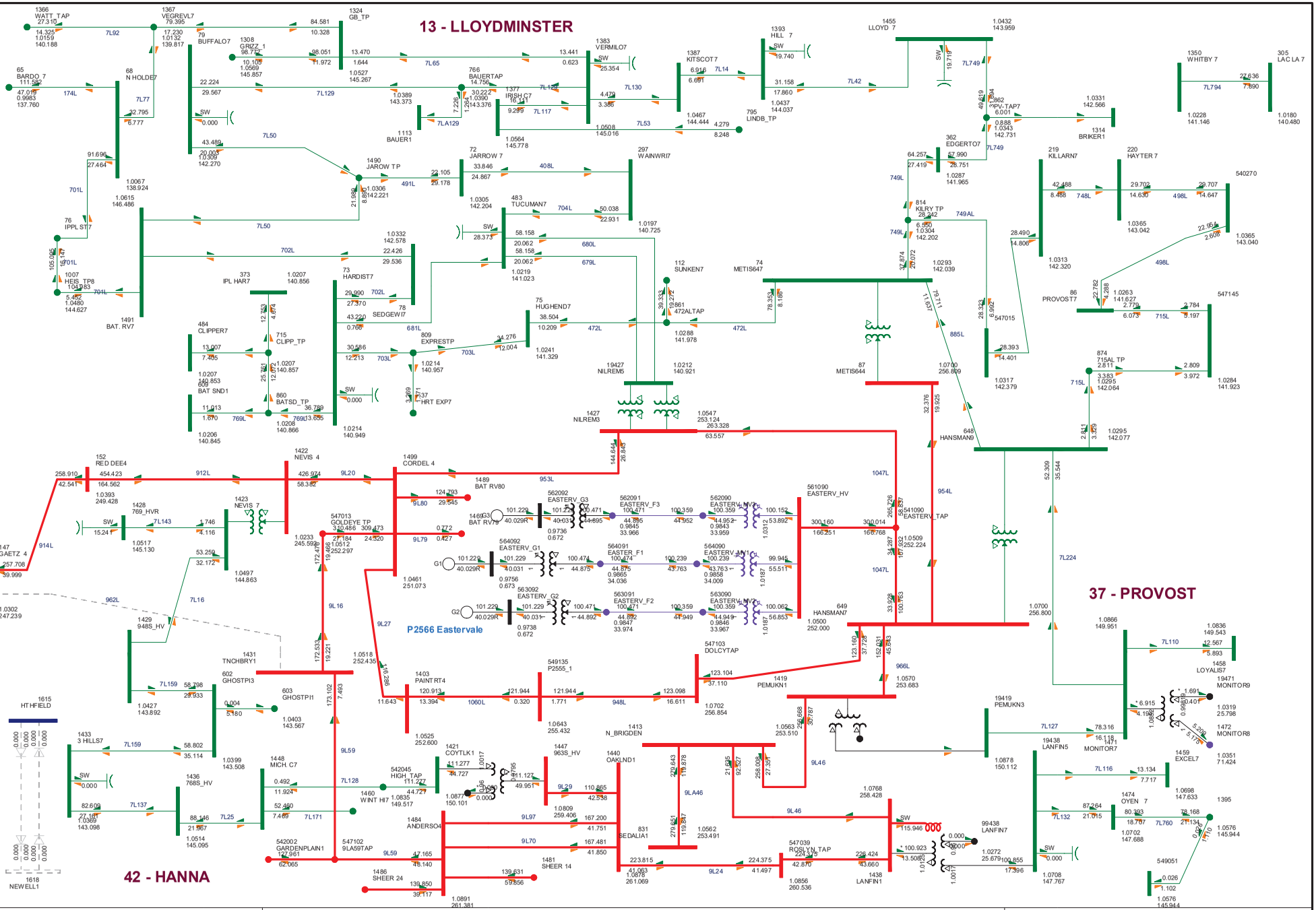


P2566 Eastervale Solar Battery

FIGURE A3.4-5 N-1: 912L (NEVIS 766S TO RED DEER 63S)
2028 SUMMER PEAK HIGH GENERATION (POST-CONNECTION) - WITHOUT CETO
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

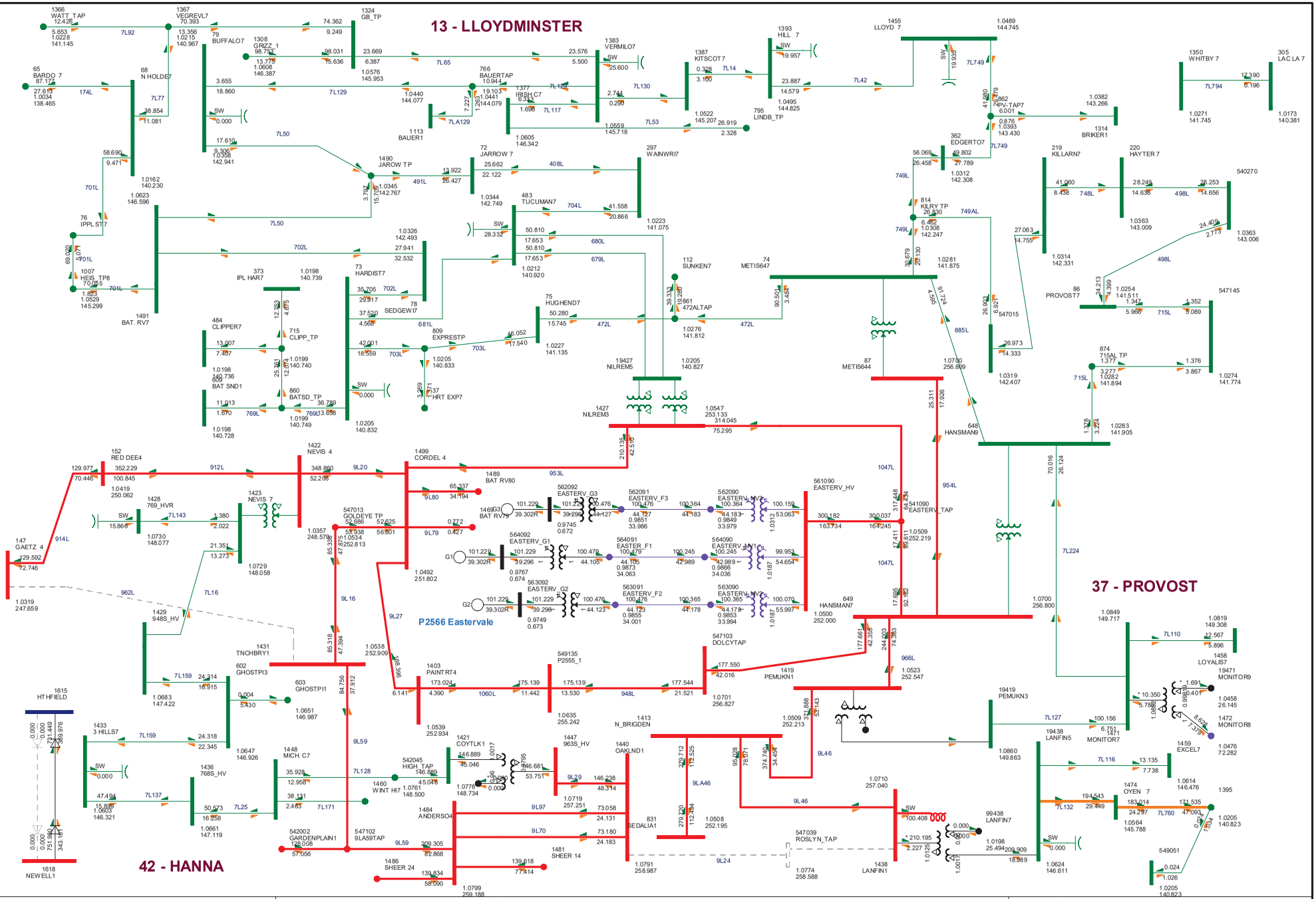


P2566 Eastervale Solar Battery

FIGURE A3.4-6 N-1: EATL
2028 SUMMER PEAK HIGH GENERATION (POST-CONNECTION) - WITHOUT CETO
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

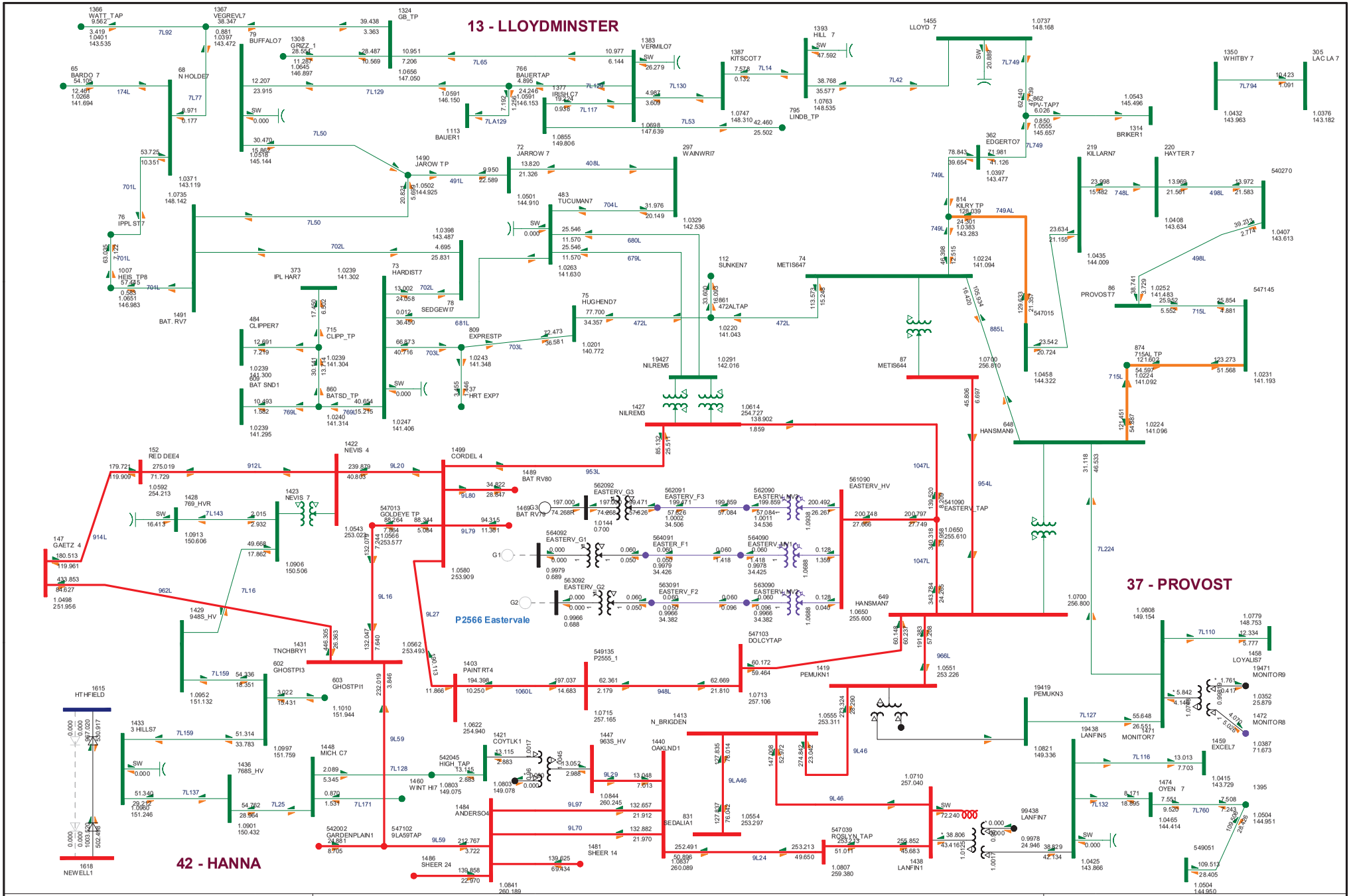


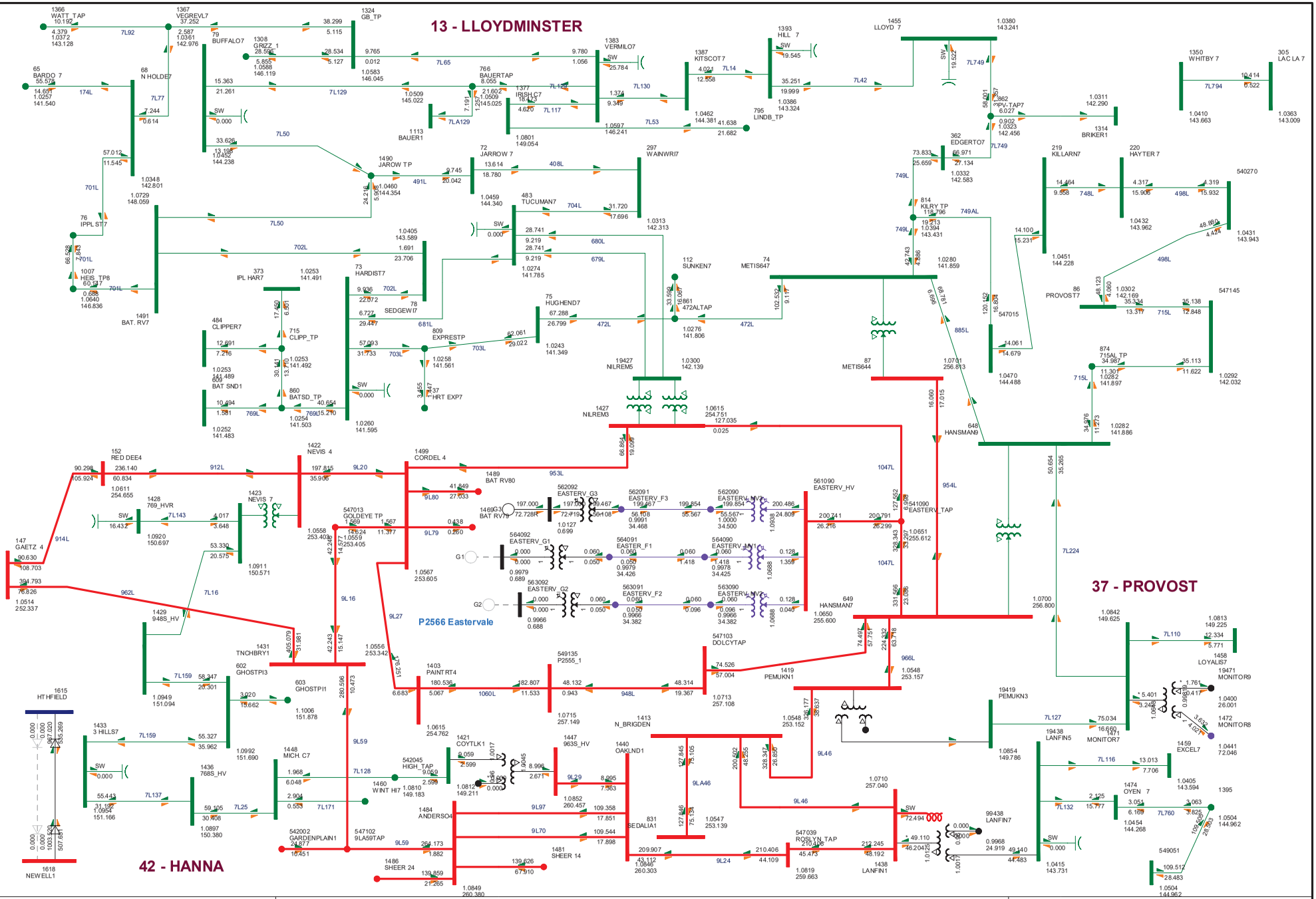
P2566 Eastervale Solar Battery

FIGURE A3.4-7 N-1: 9L24 (OAKLAND 946S - LANFINE 959S)
2028 SUMMER PEAK HIGH GENERATION (POST-CONNECTION) - WITHOUT CETO
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000


13 - LLOYDMINSTER
37 - PROVOST
42 - HANNA
P2566 Eastervale
1366 WATT_TAP 9.562
1367 VEGREVL7 38.347
1324 GB_TP
1308 GRIZZ_1 28.552
1383 VERMILO7
1387 KITSCOT7 7.578
1393 HILL_7 47.592
1455 LLOYD_7
1350 WHITBY_7
305 LAC LA_7
65 BARDO_7 54.105
68 N HOLDE7
766 BAUERTAP 4.895
1377 IRISH_C7 19.224
795 LINDB_TP
362 EDGERTO7 71.981
1314 BRIKER1
1490 JAROW TP
72 JARROW_7 13.820
297 WAINWRI7
483 TUCUMAN7 31.976
76 IPPL ST7
1007 HEIS_TP8 57.495
1491 BAT. RV7
373 IPL HAR7
73 HARDIST7
78 SEDGEWI7
484 CLIPPER7 12.691
715 CLIPP_TP
809 EXPRESTP 77.473
860 BATSD_TP 40.654
112 SUNKEN7
74 METIS647
75 HUGHEND7 77.700
814 KILRY TP 128.039
219 KILLARN7
220 HAYTER 7
540270
86 PROVOST7
547145
547015
874 715AL_TP 121.602
19427 NILREM5
87 METIS644
1427 NILREM3
1422 NEVIS 4
1499 CORDEL 4
1489 BAT RV80
152 RED DEE4 275.019
1423 NEVIS 7
1428 769_HVR
547013 GOLDEYE TP 88.264
562092 EASTERV_G3
562091 EASTERV_F3
562090 EASTERV_MV3
561090 EASTERV_HV
541090 EASTERV_TAP
564092 EASTERV_G1
564091 EASTER_F1
564090 EASTERV_MV1
563092 EASTERV_G2
563091 EASTERV_F2
563090 EASTERV_MV2
147 GAETZ 4 180.513
1429 948S_HV
1431 TNCHBRY1
602 GHOSTPI3
603 GHOSTPI1
1403 PAINTRT4
549135 P2555_1
547103 DOLCYTAP
1419 PEMUKN1
649 HANSMAN7
648 HANSMAN8
1615 HTHFIELD
1433 3 HILLS7
1436 768S_HV
1448 MICH_C7
1460 WINT HI7
542045 HIGH_TAP 13.145
1421 COYTLK1
1447 963S_HV
1440 OAKLND1
1413 N_BRIGDEN
1484 ANDERSO4
542002 GARDENPLAIN1
547102 9LA59TAP
1481 SHEER 14
1486 SHEER 24
831 SEDALIA1
547039 ROSLYN_TAP
1438 LANFIN1
99438 LANFIN7
19438 LANFIN5
19419 PEMUKN3
1471 MONITOR7
1472 MONITOR8
19471 MONITOR9
1458 LOYALIS7
1459 EXCEL7
1474 OYEN_7
549051
1618 NEWELL1
P2566 Eastervale Solar Battery
FIGURE A3.5-0-N-0: NORMAL OPERATION (PRE-CURTAILMENT)
2028 SUMMER PEAK LOW GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024
Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar
kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

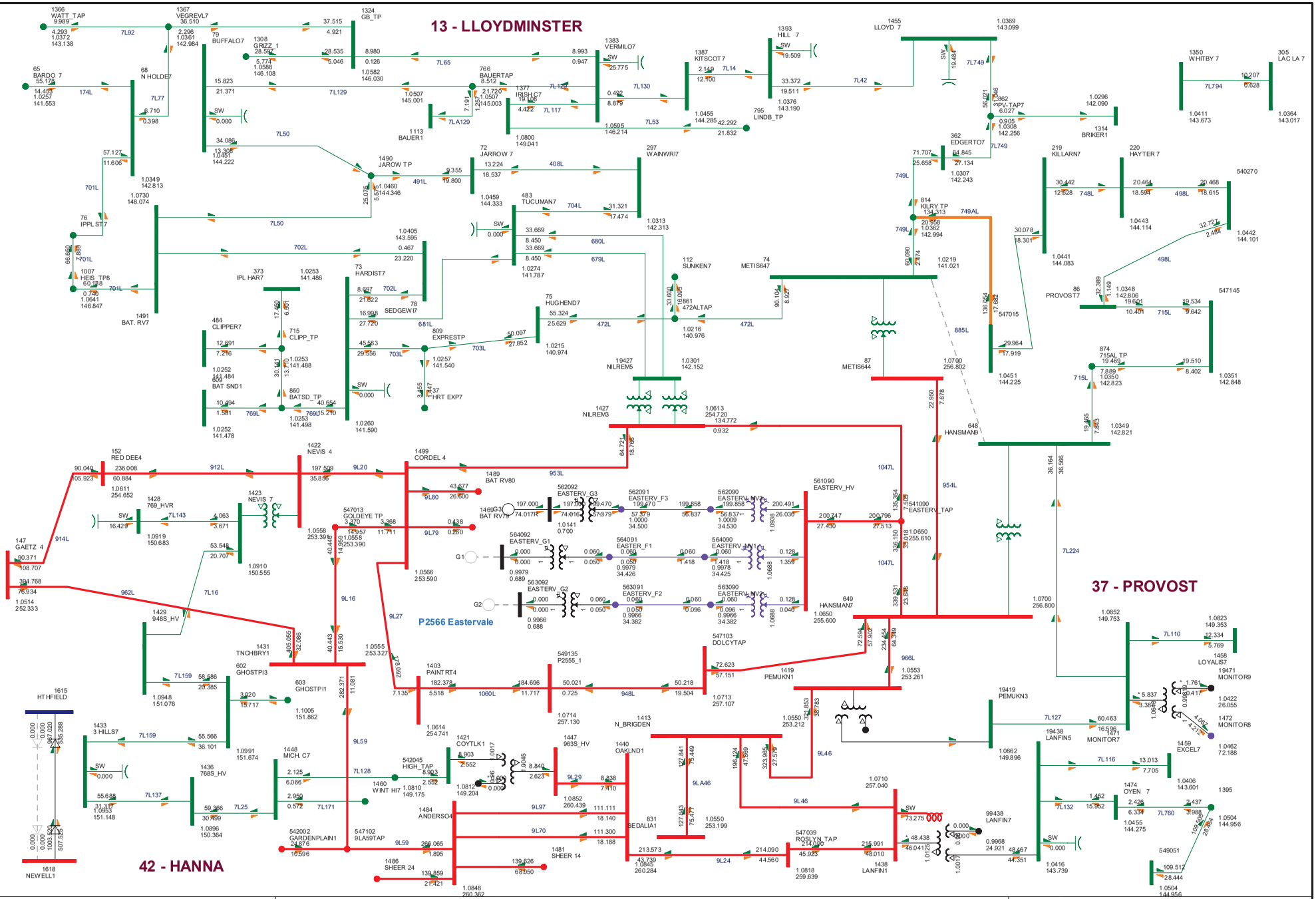


P2566 Eastervale Solar Battery

FIGURE A3.5-1-N-0: NORMAL OPERATION
2028 SUMMER PEAK LOW GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

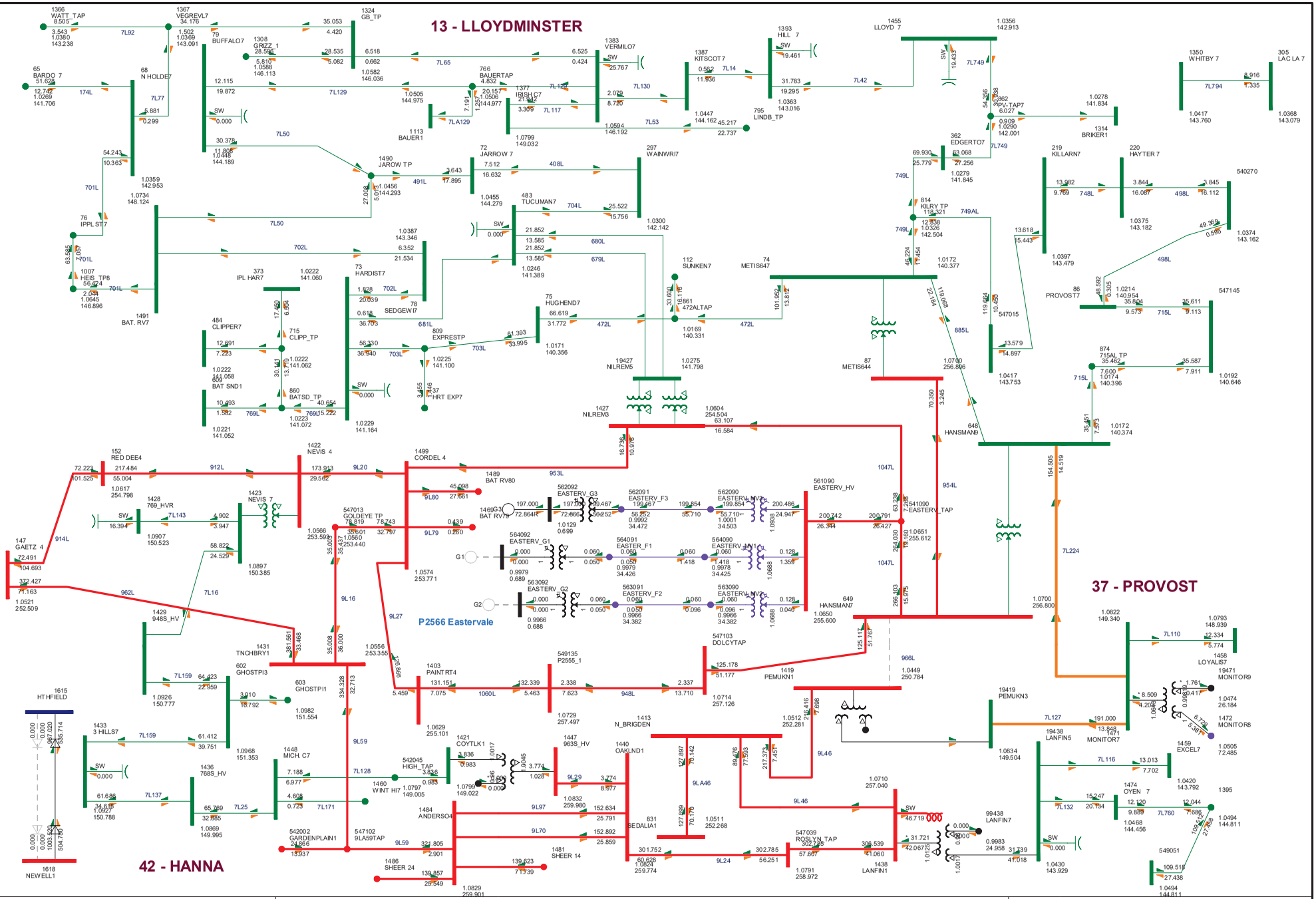


P2566 Eastervale Solar Battery

FIGURE A3.5-2 N-1: 885L (METISKOW 648S TO HANSMAN LAKE 650S)
2028 SUMMER PEAK LOW GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

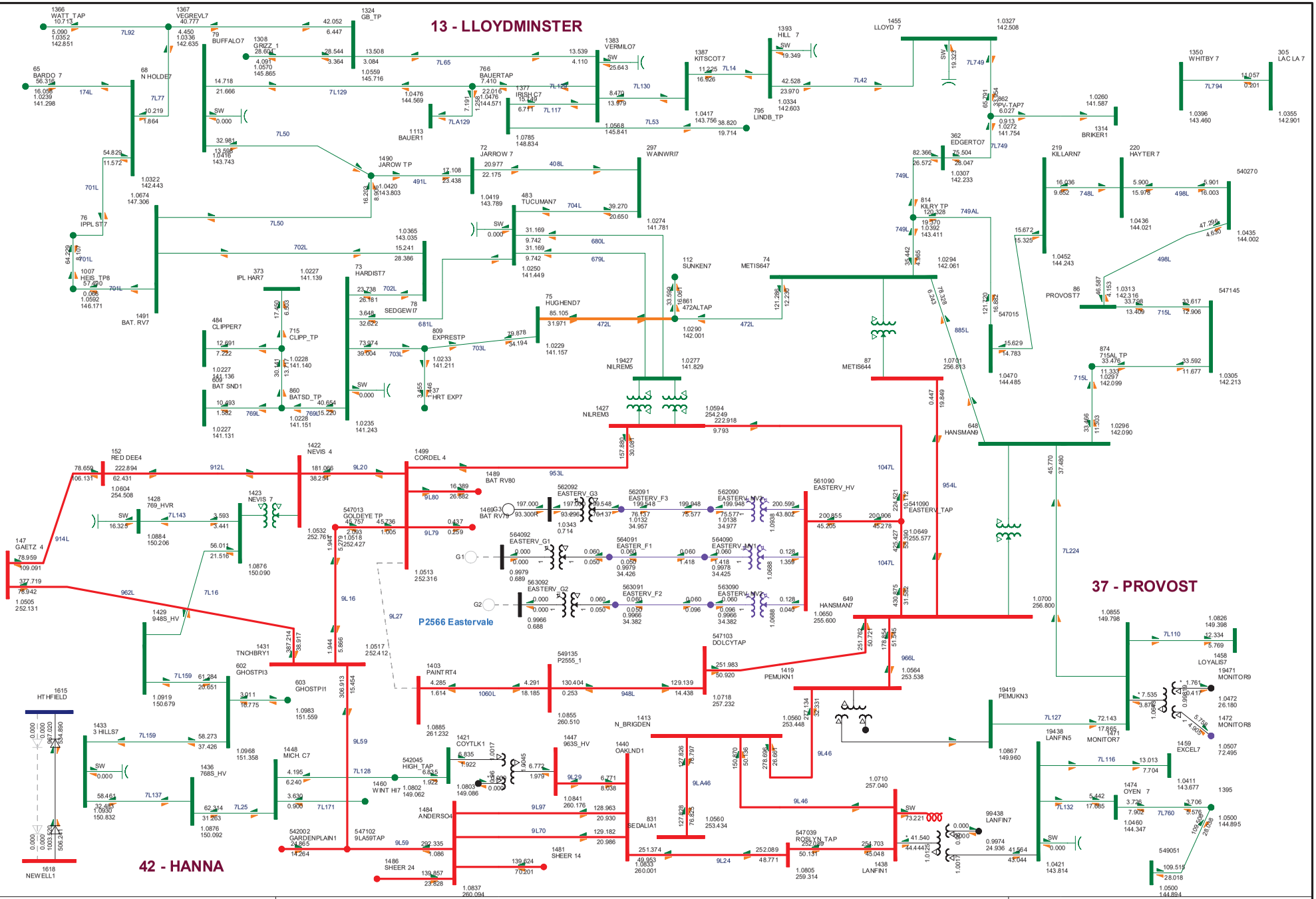


P2566 Eastervale Solar Battery

FIGURE A3.5-3 N-1: 966L (HANSMAN LAKE 650S TO PEMUKAN 932S)
2028 SUMMER PEAK LOW GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

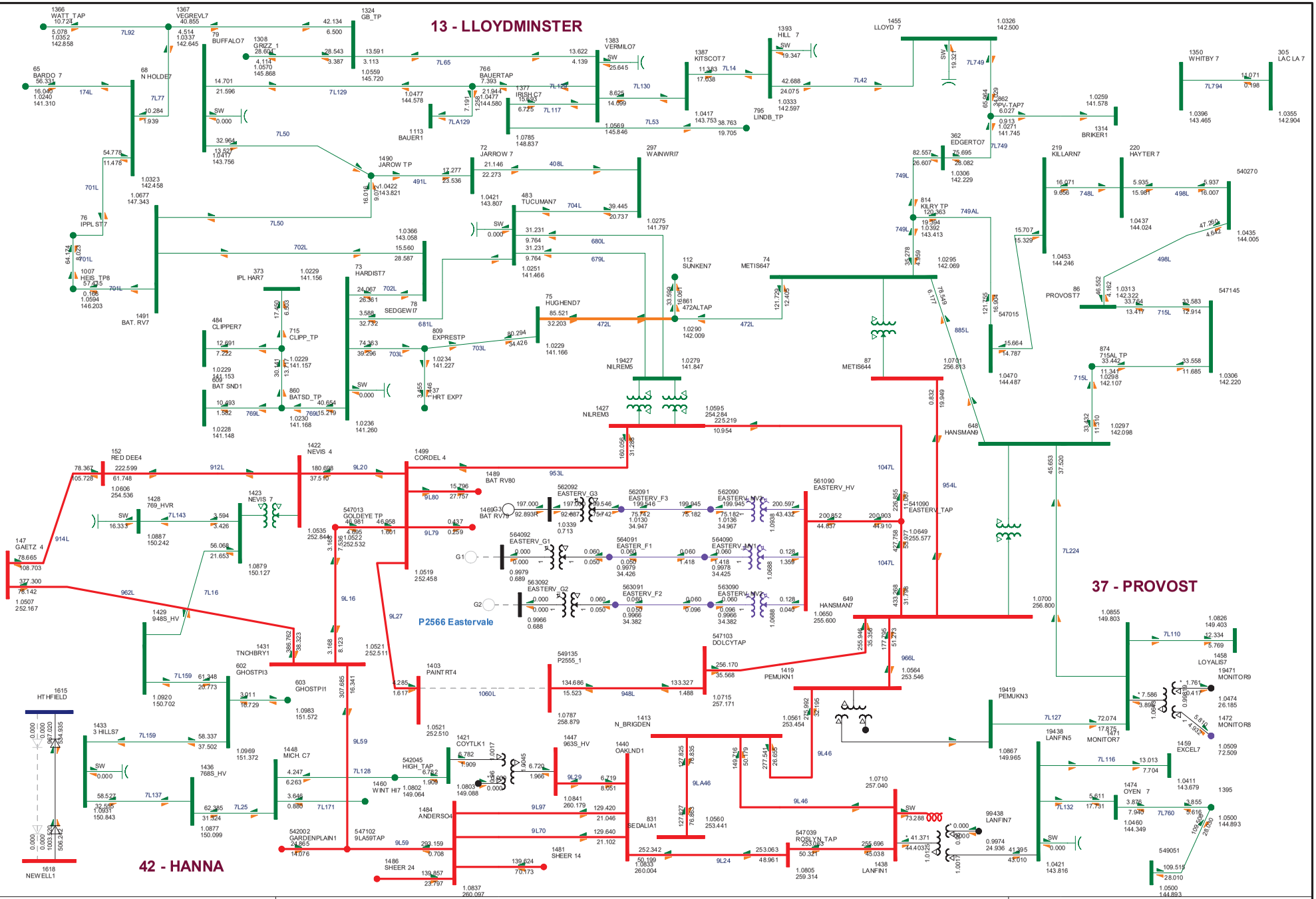


P2566 Eastervale Solar Battery

FIGURE A3.5-4 N-1: 9L27 (PAINTEARTH CREEK 863S TO CORDEL 755S)
2028 SUMMER PEAK LOW GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

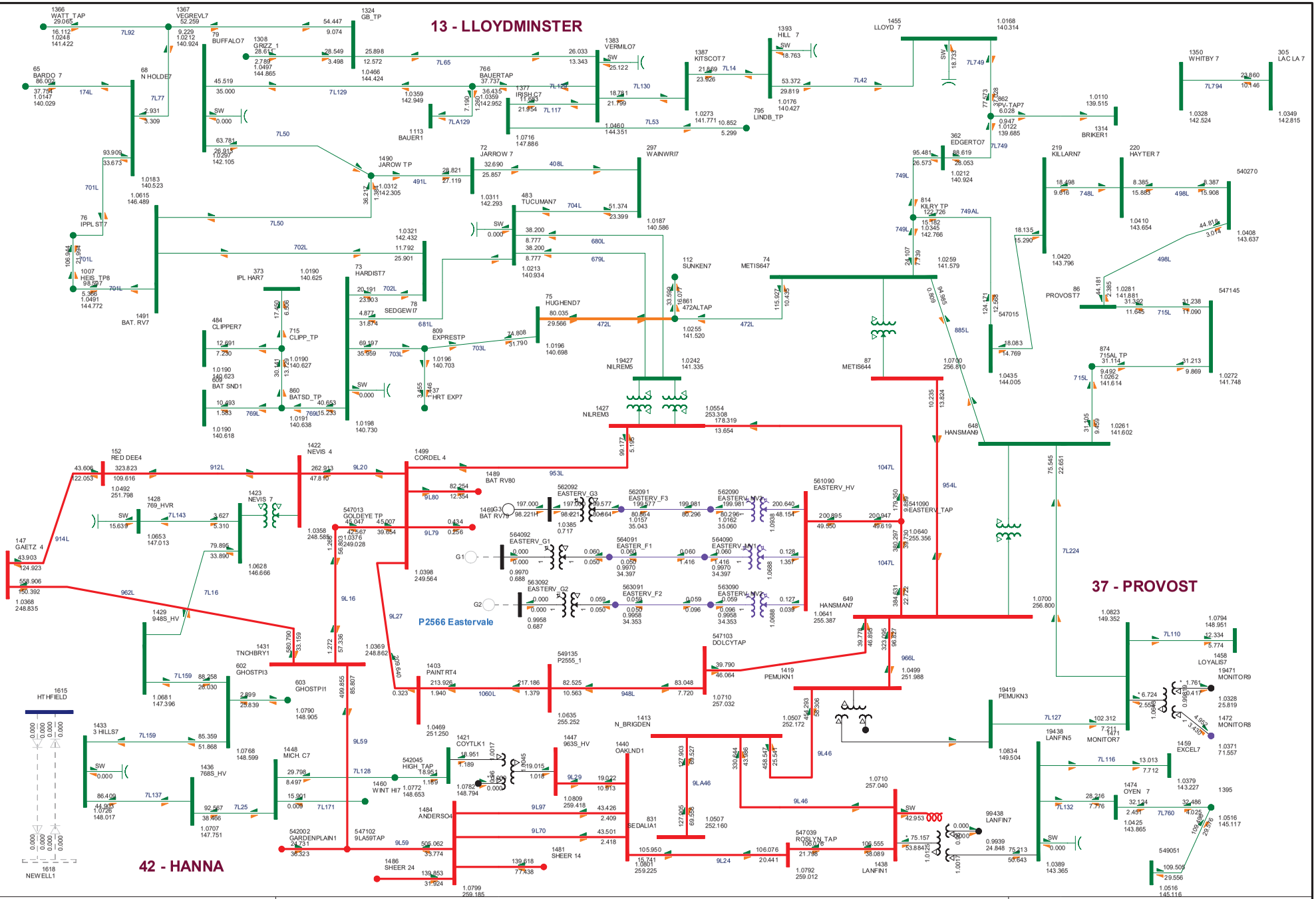


P2566 Eastervale Solar Battery

FIGURE A3.5-5 N-1: 1060L (PAINTEARTH 863S TO P2555 SWITCHING SUB)
2028 SUMMER PEAK LOW GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

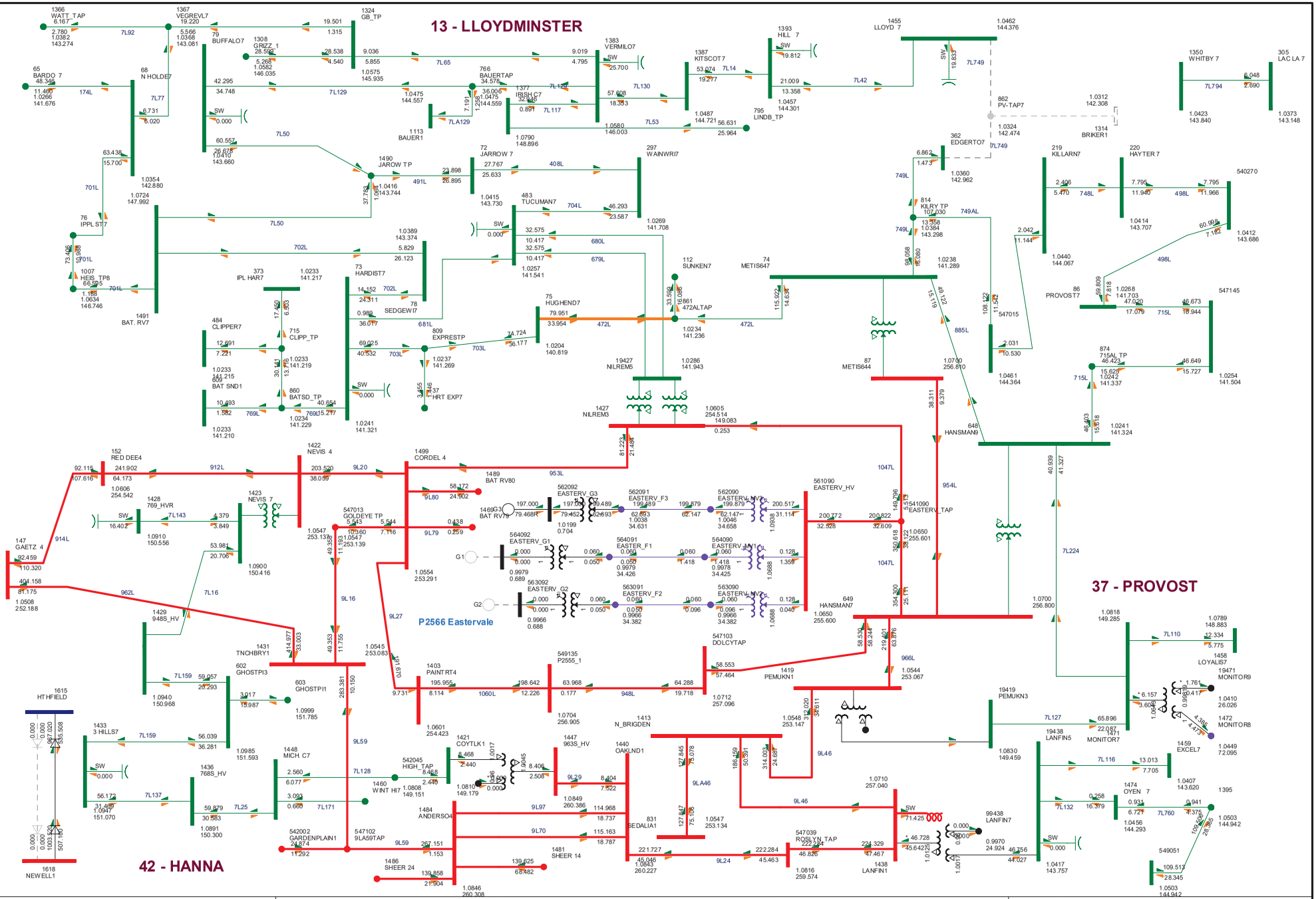


P2566 Eastervale Solar Battery

FIGURE A3.5-6 N-1: EATL
2028 SUMMER PEAK LOW GENERATION (POST-CONNECTION)
PRINTED ON FRIDAY 15. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

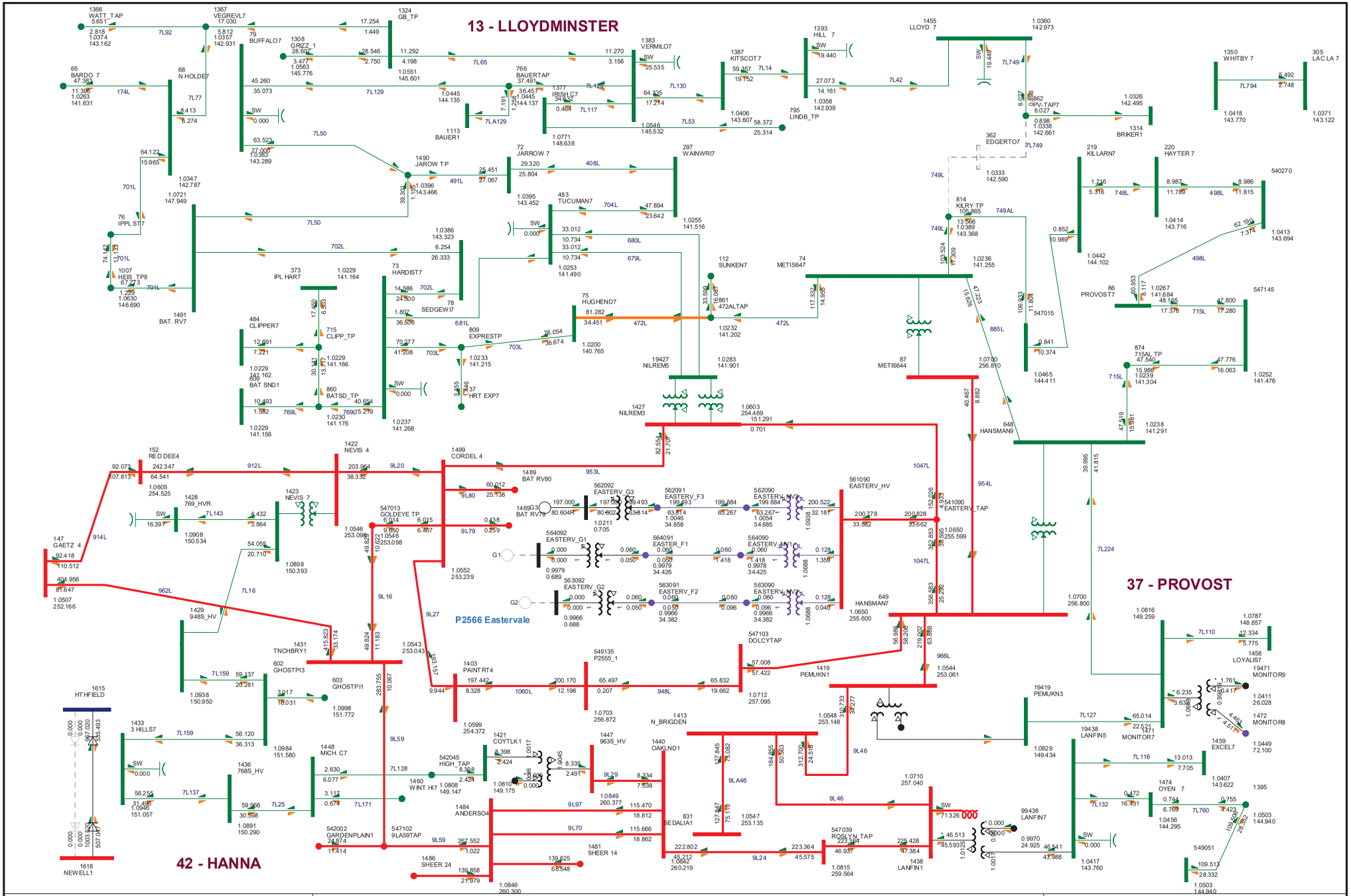


P2566 Eastervale Solar Battery

FIGURE A3.5-7 N-1: 749L/7L749 (EDGERTON 899S TO LLOYDMINSTER 716S)
2028 SUMMER PEAK LOW GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

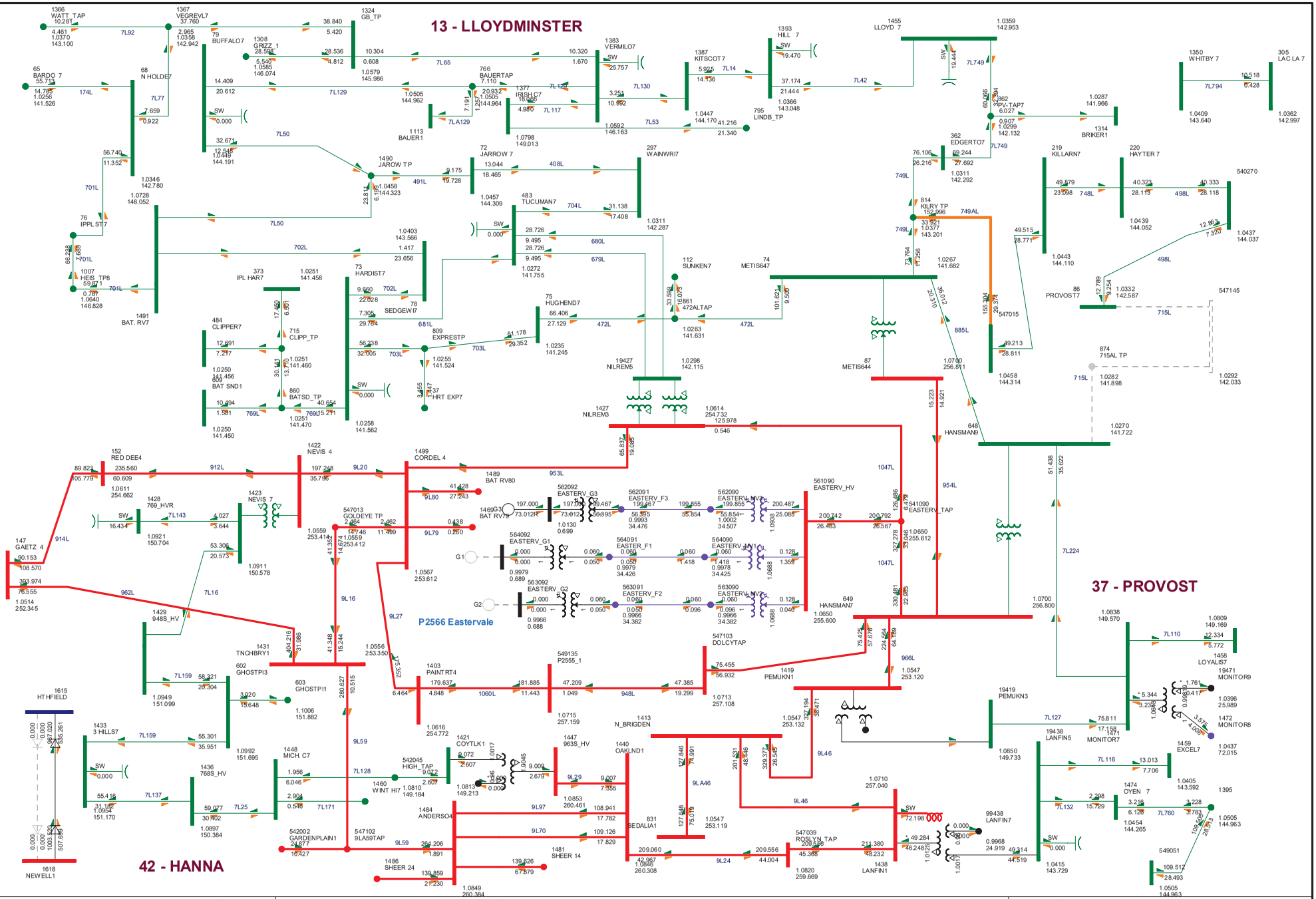


P2566 Eastervale Solar Battery

FIGURE A3.5-8 N-1: EDGERTON 899S TRANSFORMER T1
2028 SUMMER PEAK LOW GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

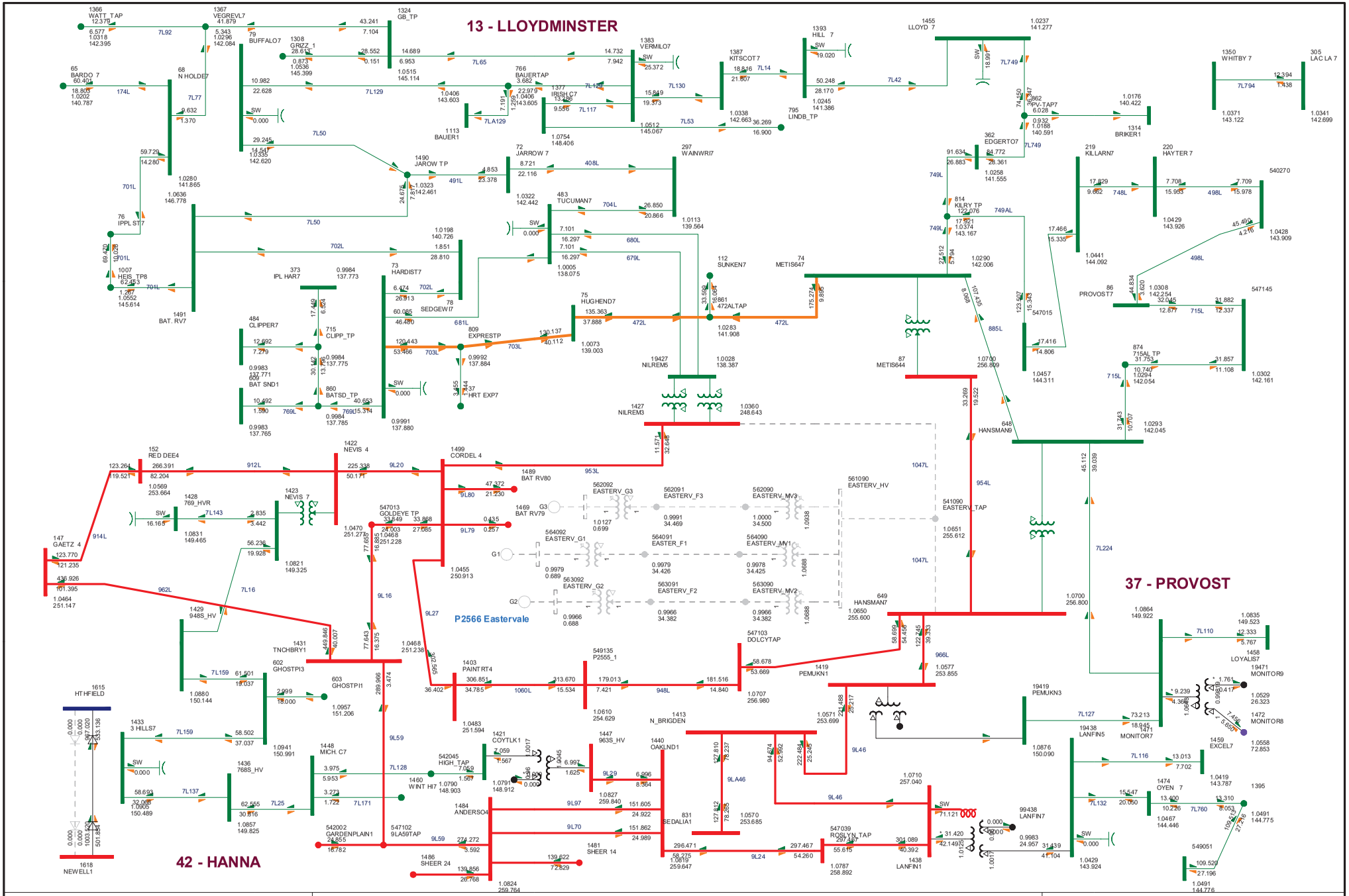


P2566 Eastervale Solar Battery

FIGURE A3.5-9 N-1: 715L (HANSMAN LAKE 650S TO PROVOST 545S)
2028 SUMMER PEAK LOW GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

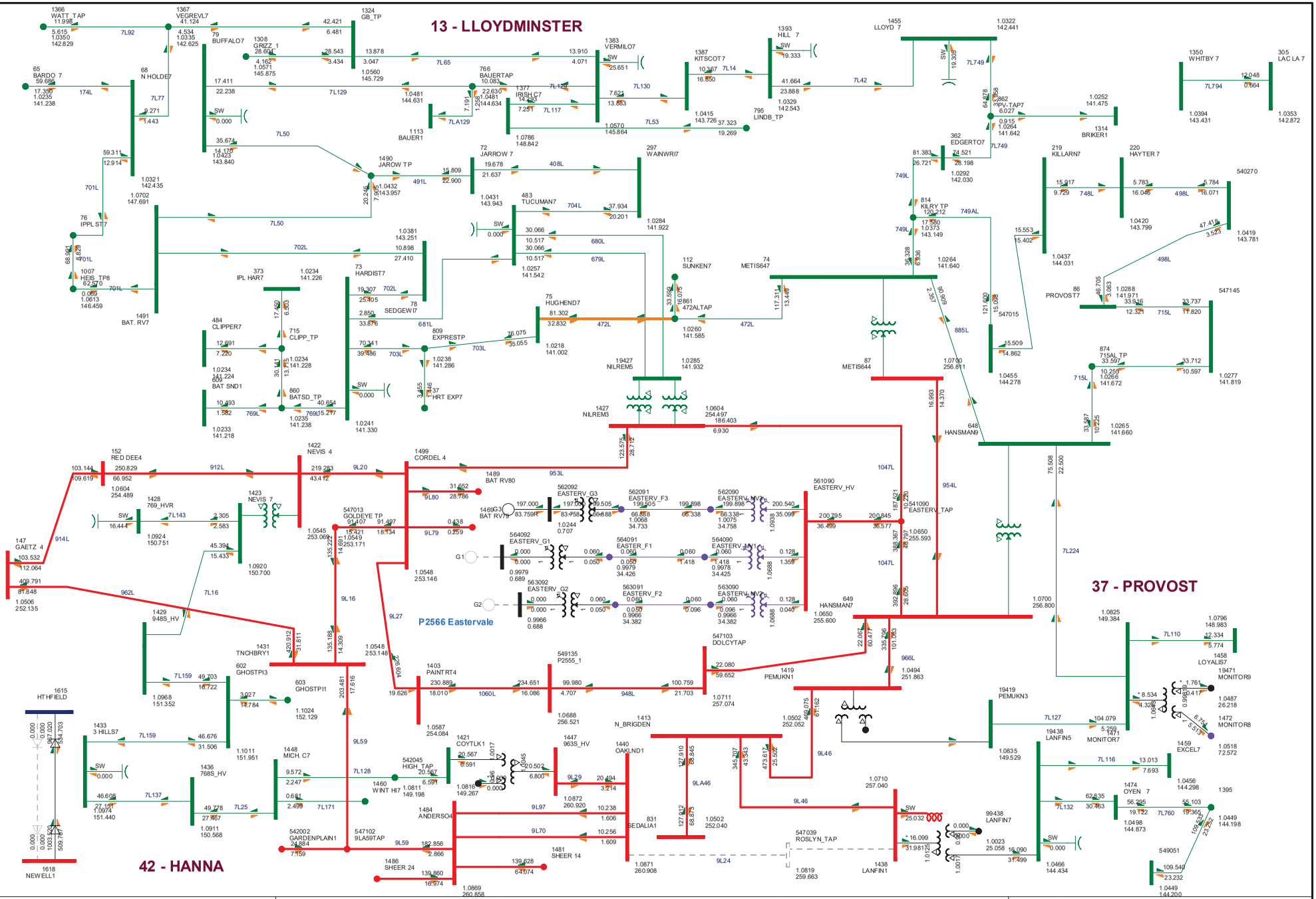


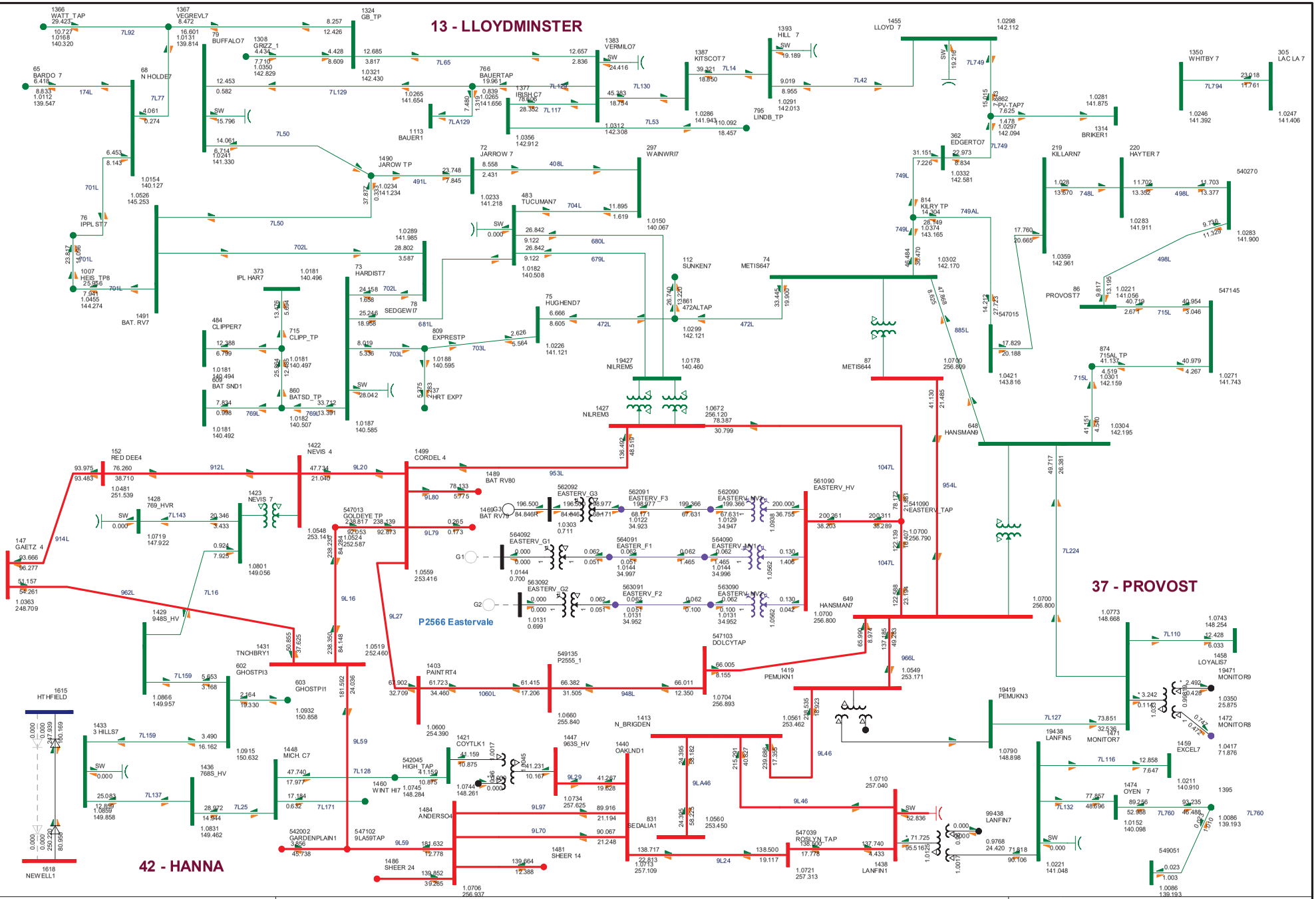
P2566 Eastervale Solar Battery

FIGURE A3.5-10 N-1: 1047L (HANSMAN LAKE 650S TO NILREM 574S)
2028 SUMMER PEAK LOW GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000


13 - LLOYDMINSTER
37 - PROVOST
42 - HANNA
P2566 Eastervale
1366 WATT_TAP 11.998
1367 VEGREVL7 41.124
1324 GB_TP
1308 GRIZZ_1 28.604
1383 VERMILO7
1387 KITSCOT7 10.367
1393 HILL_7
1455 LLOYD 7
1350 WHITBY 7
305 LAC LA 7
65 BARDO_7 59.686
68 N HOLDE7
766 BAUERTAP 10.083
1377 IRISH_C7 14.293
795 LINDB_TP
1113 BAUER1
362 EDGERT07
PV-TAP7 6.027
1314 BRIKER1
1490 JAROW TP
72 JARROW 7 19.678
297 WAINWRI7
483 TUCUMAN7
112 SUNKEN7
74 METIS647
219 KILLARN7
220 HAYTER 7
540270
814 KILRY TP 120.212
76 IPPL ST7
1007 HEIS_TP8 62.270
1491 BAT. RV7
373 IPL HAR7
73 HARDIST7
78 SEDGEWI7
484 CLIPPER7
715 CLIPP_TP
809 EXPRESTP
75 HUGHEND7
472ALTAP
547015
86 PROVOST7
547145
874 715AL_TP 33.597
87 METIS644
19427 NILREM5
1427 NILREM3
1604 254.497 186.403
648 HANSMAN8
152 RED DEE4
1422 NEVIS 4
1499 CORDEL 4
1423 NEVIS 7
1428 769_HVR
547013 GOLDEYE TP 91.497
1489 BAT RV80
1469 BAT RV79
562092 EASTERV_G3
562091 EASTERV_F3
562090 EASTERV_MV3
561090 EASTERV_HV
541090 EASTERV_TAP
564092 EASTERV_G1
564091 EASTER_F1
564090 EASTERV_MV1
563092 EASTERV_G2
563091 EASTERV_F2
563090 EASTERV_MV2
649 HANSMAN7
147 GAETZ 4
1429 948S_HV
1431 TNCHBRY1
602 GHOSTPI3
603 GHOSTPI1
1403 PAINTRT4
549135 P2555_1
547103 DOLCYTAP
1419 PEMUKN1
19419 PEMUKN3
1615 HTHFIELD
1433 3 HILLS7
1436 768S_HV
1448 MICH_C7
542045 HIGH_TAP
1460 WINT HI7
1421 COYTLK1
1447 963S_HV
1440 OAKLND1
1413 N_BRIGDEN
1484 ANDERSO4
831 SEDALIA1
542002 GARDENPLAIN1
547102 9LA59TAP
1481 SHEER 14
1486 SHEER 24
547039 ROSLYN_TAP
99438 LANFIN7
1438 LANFIN1
19438 LANFIN5
1471 MONITOR7
19471 MONITOR9
1472 MONITOR8
1458 LOYALIS7
1459 EXCEL7
1474 OYEN 7
1618 NEWELL1
549051
P2566 Eastervale Solar Battery
FIGURE A3.5-11 N-1: 9L24 (OAKLAND 946S - LANFINE 959S)
2028 SUMMER PEAK LOW GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024
Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar
kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000



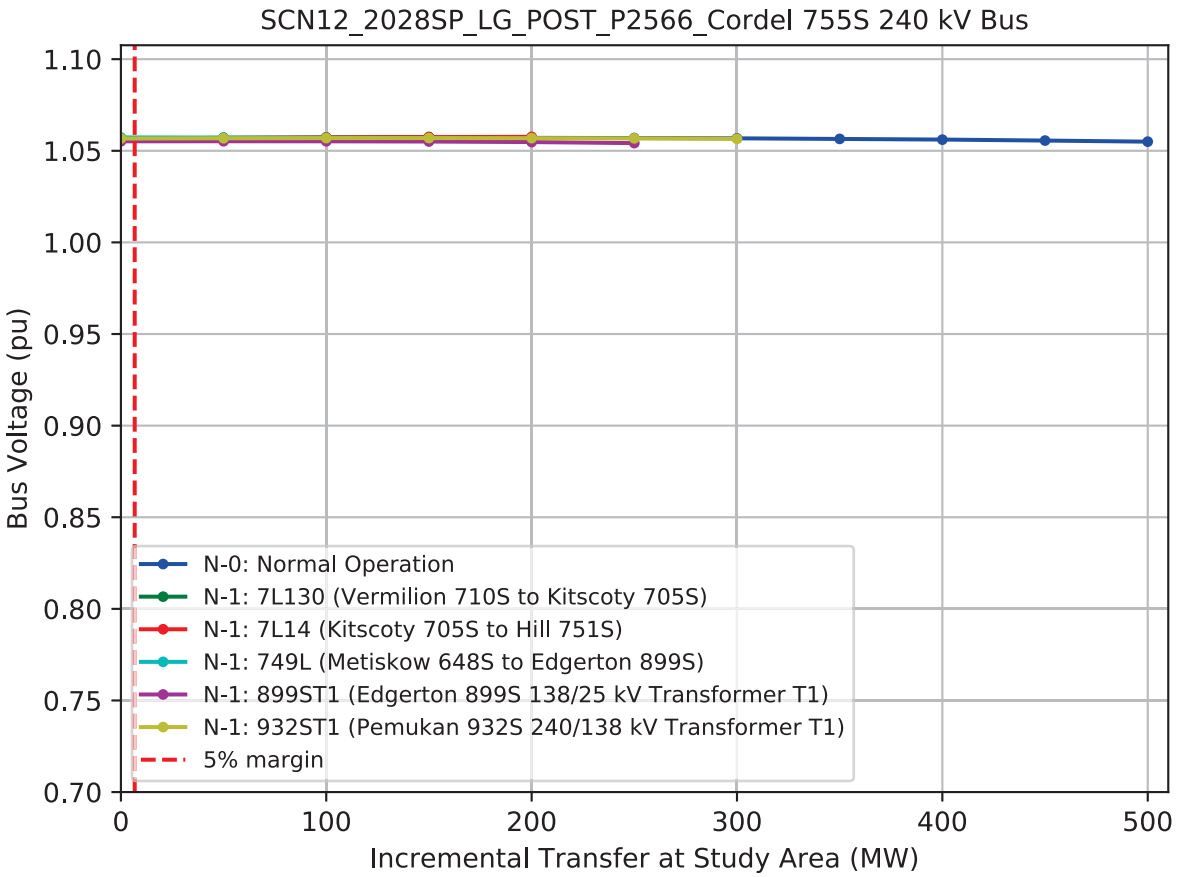
P2566 Eastervale Solar Battery

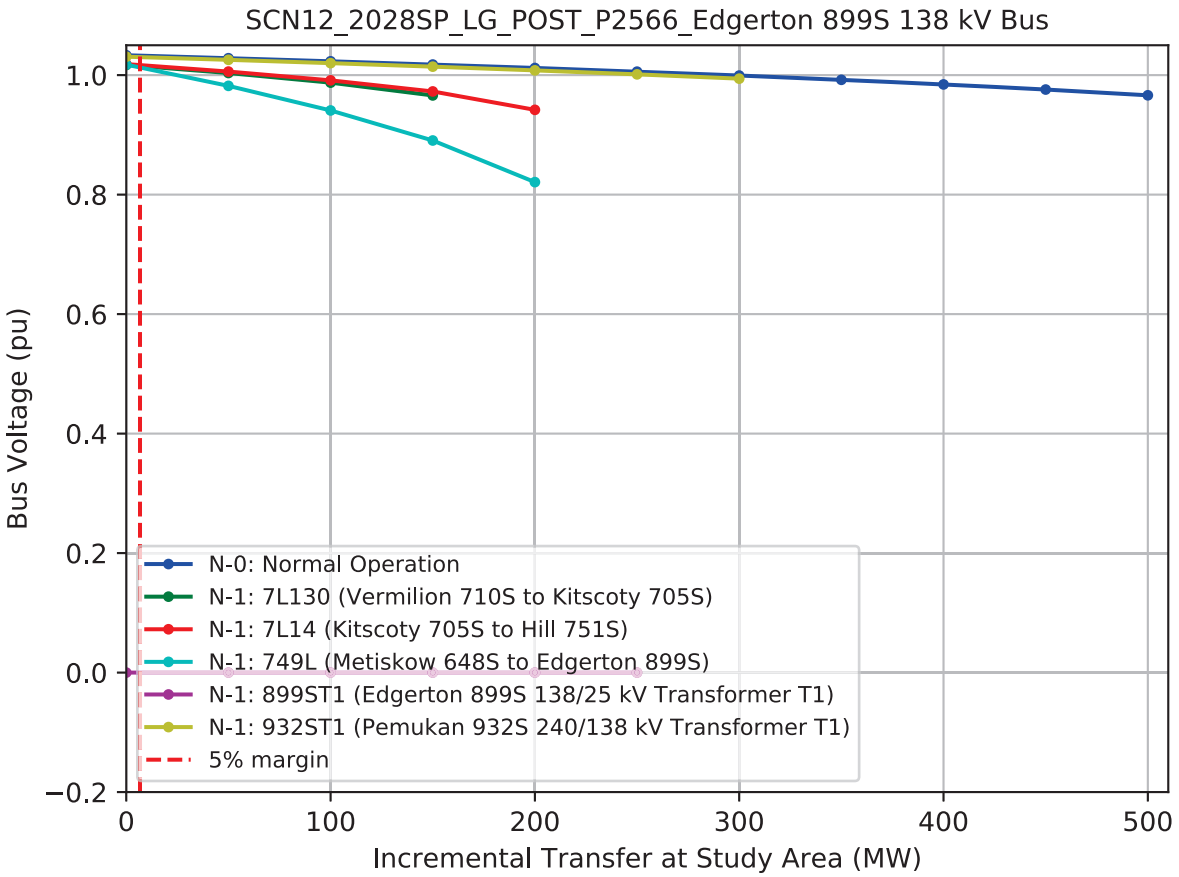
FIGURE A3.6-1-N-0: NORMAL OPERATION
2028 WINTER PEAK LOW GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

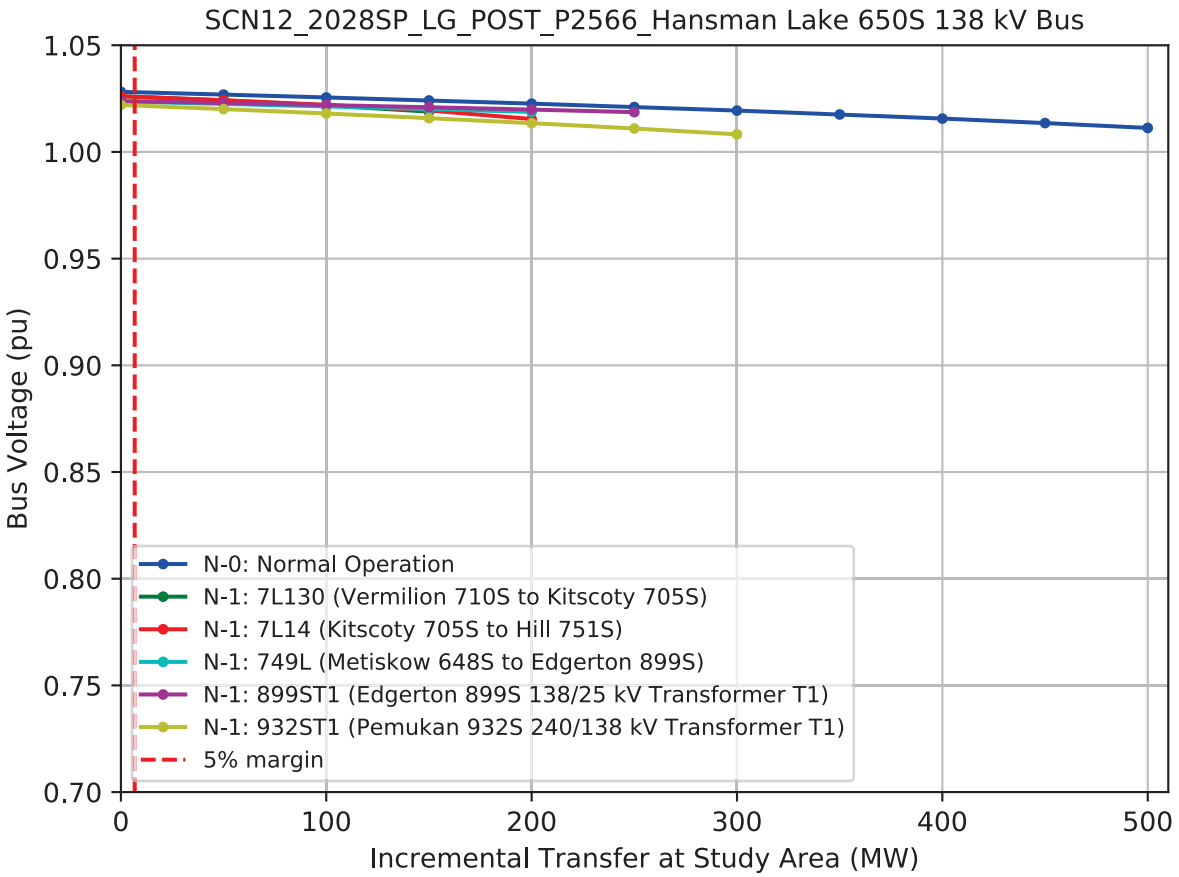
Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

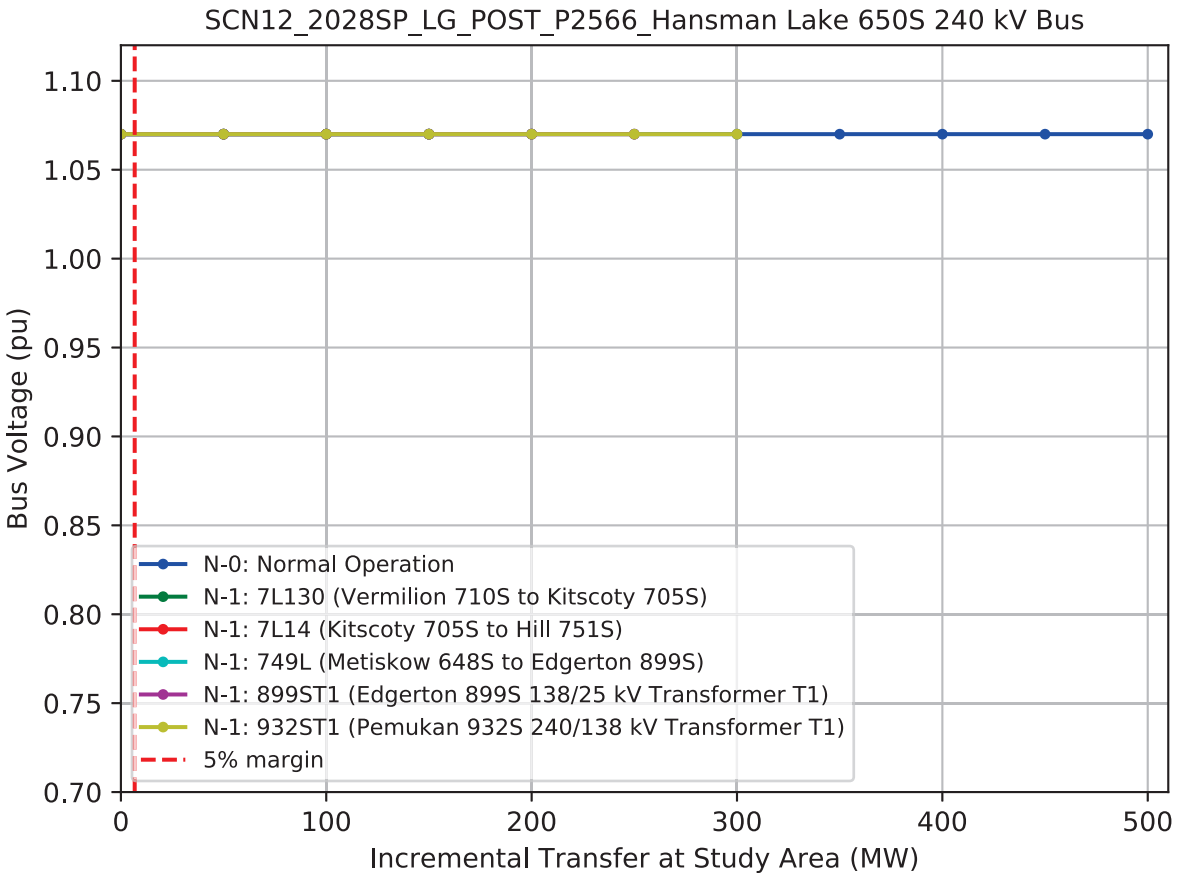
kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

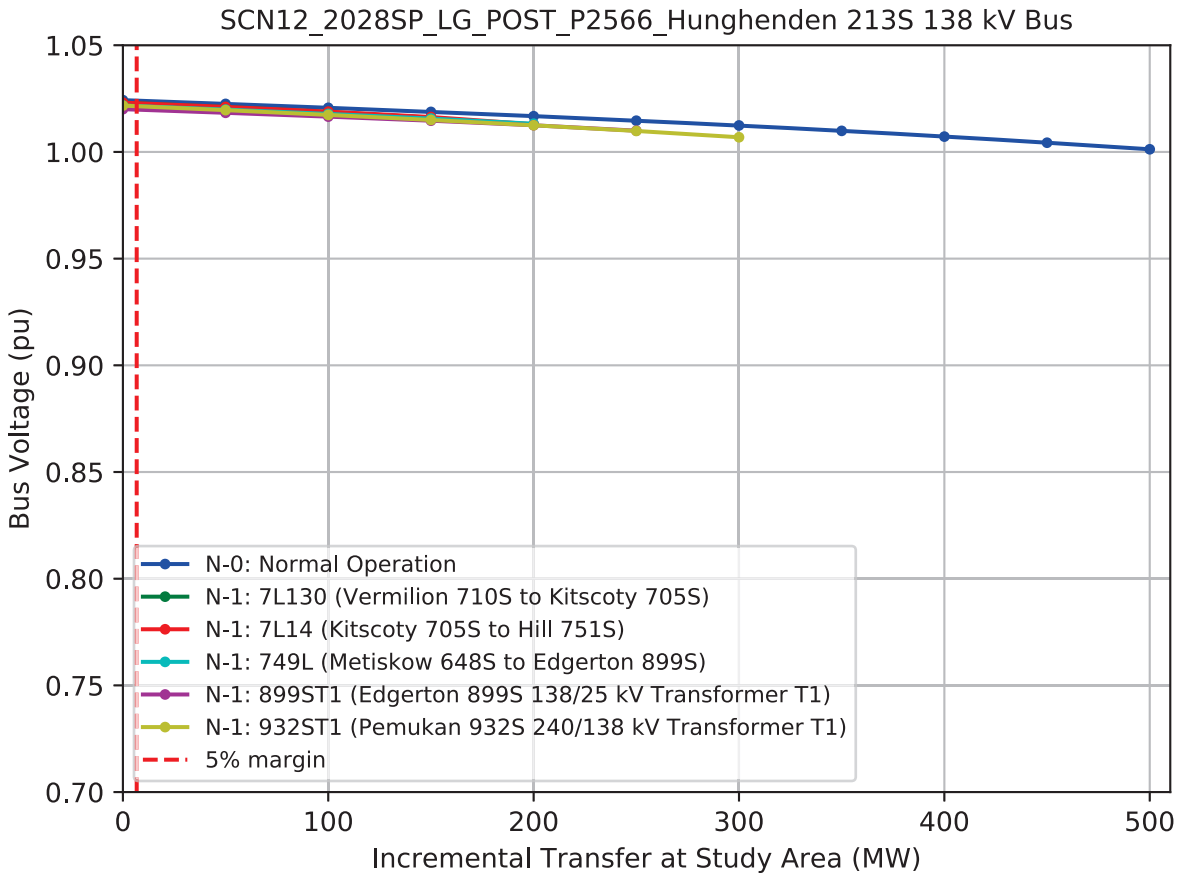
Attachment A4
Post-Project Voltage Stability Diagrams

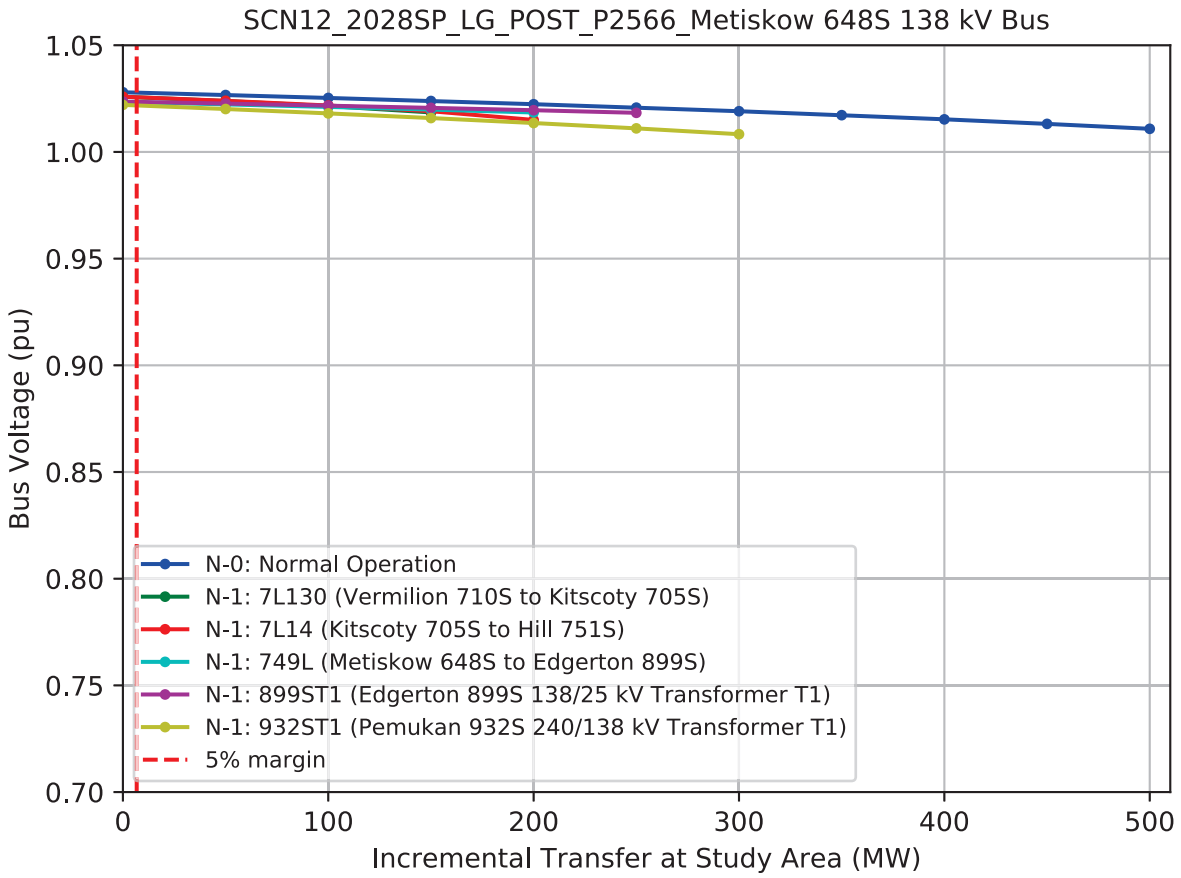

SCN12_2028SP_LG_POST_P2566_Cordel 755S 240 kV Bus
Bus Voltage (pu)
1.10
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0
100
200
300
400
500
Incremental Transfer at Study Area (MW)
N-0: Normal Operation
N-1: 7L130 (Vermilion 710S to Kitscoty 705S)
N-1: 7L14 (Kitscoty 705S to Hill 751S)
N-1: 749L (Metiskow 648S to Edgerton 899S)
N-1: 899ST1 (Edgerton 899S 138/25 kV Transformer T1)
N-1: 932ST1 (Pemukan 932S 240/138 kV Transformer T1)
5% margin

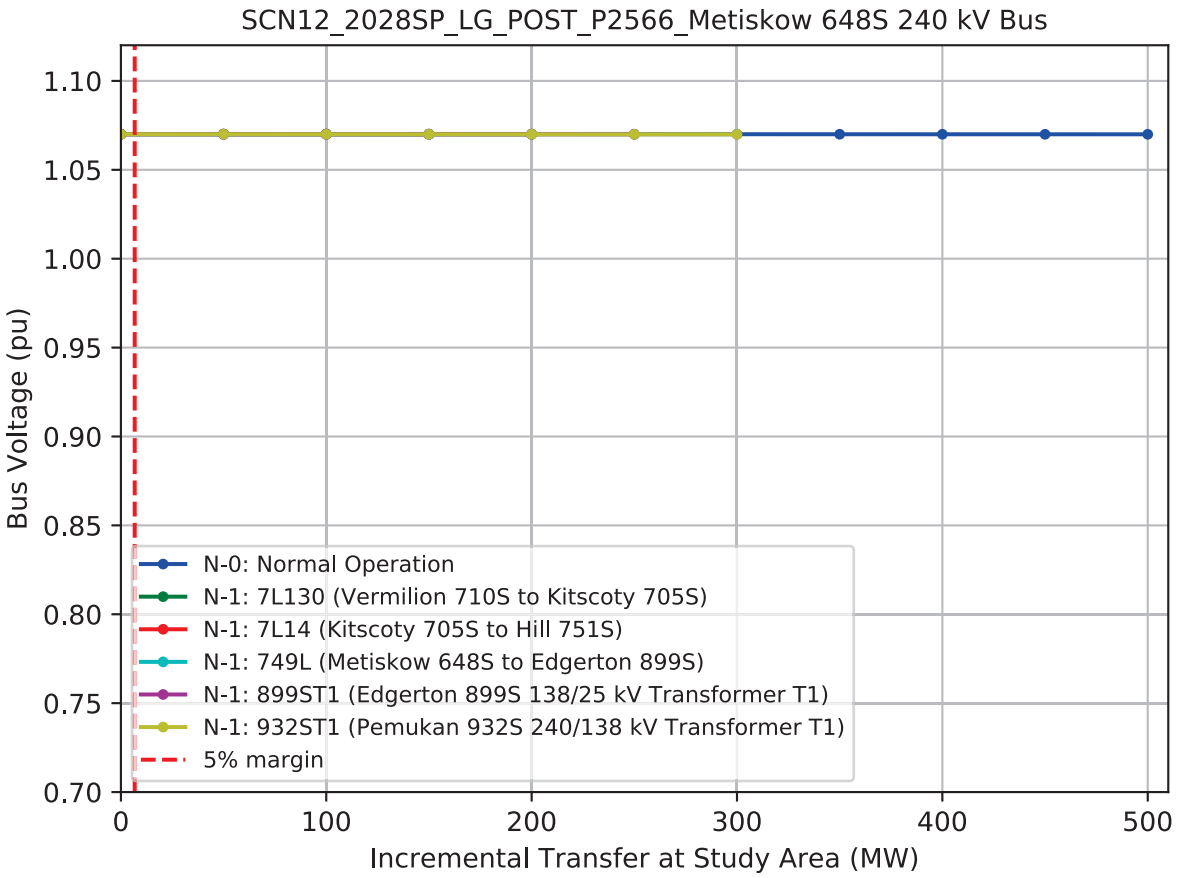

SCN12_2028SP_LG_POST_P2566_Edgerton 899S 138 kV Bus
Bus Voltage (pu)
Incremental Transfer at Study Area (MW)
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
100
200
300
400
500
N-0: Normal Operation
N-1: 7L130 (Vermilion 710S to Kitscoty 705S)
N-1: 7L14 (Kitscoty 705S to Hill 751S)
N-1: 749L (Metiskow 648S to Edgerton 899S)
N-1: 899ST1 (Edgerton 899S 138/25 kV Transformer T1)
N-1: 932ST1 (Pemukan 932S 240/138 kV Transformer T1)
5% margin

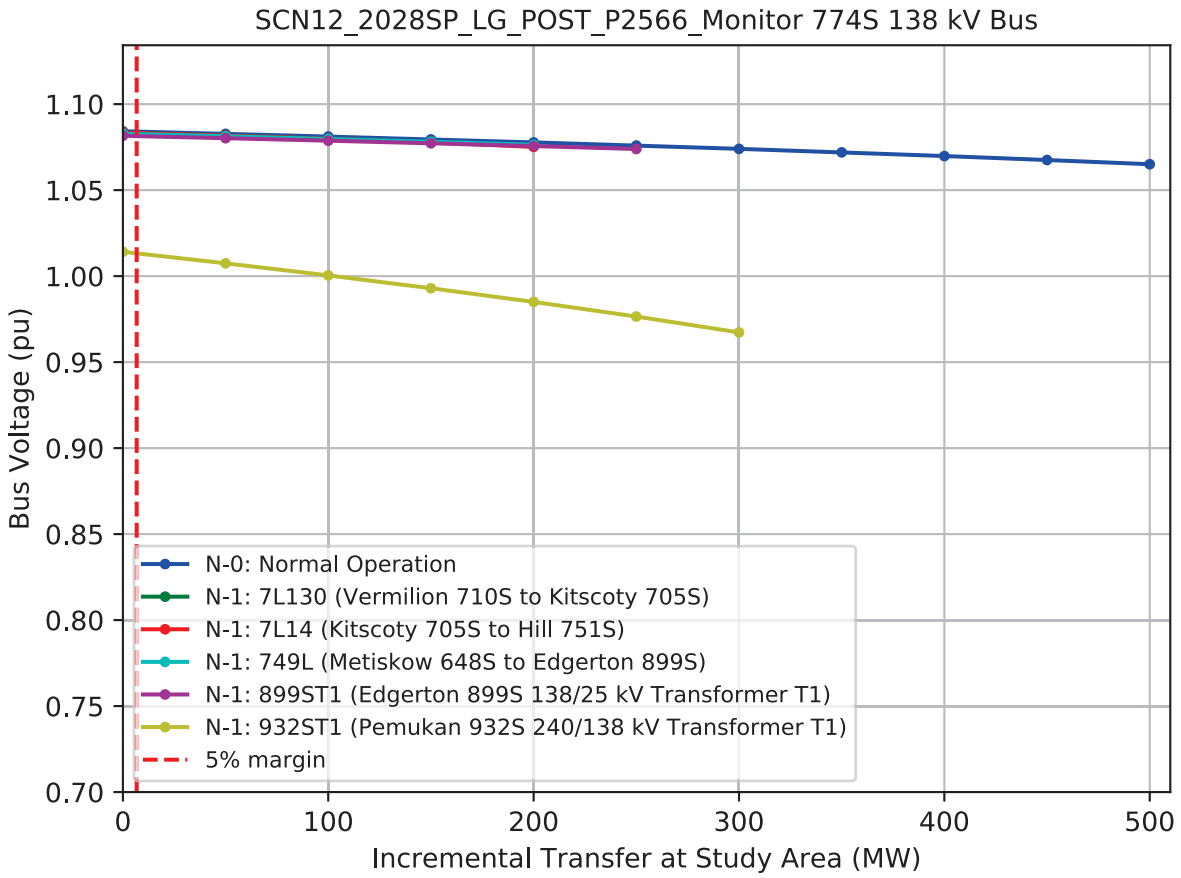

SCN12_2028SP_LG_POST_P2566_Hansman Lake 650S 138 kV Bus
Bus Voltage (pu)
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0
100
200
300
400
500
Incremental Transfer at Study Area (MW)
N-0: Normal Operation
N-1: 7L130 (Vermilion 710S to Kitscoty 705S)
N-1: 7L14 (Kitscoty 705S to Hill 751S)
N-1: 749L (Metiskow 648S to Edgerton 899S)
N-1: 899ST1 (Edgerton 899S 138/25 kV Transformer T1)
N-1: 932ST1 (Pemukan 932S 240/138 kV Transformer T1)
5% margin

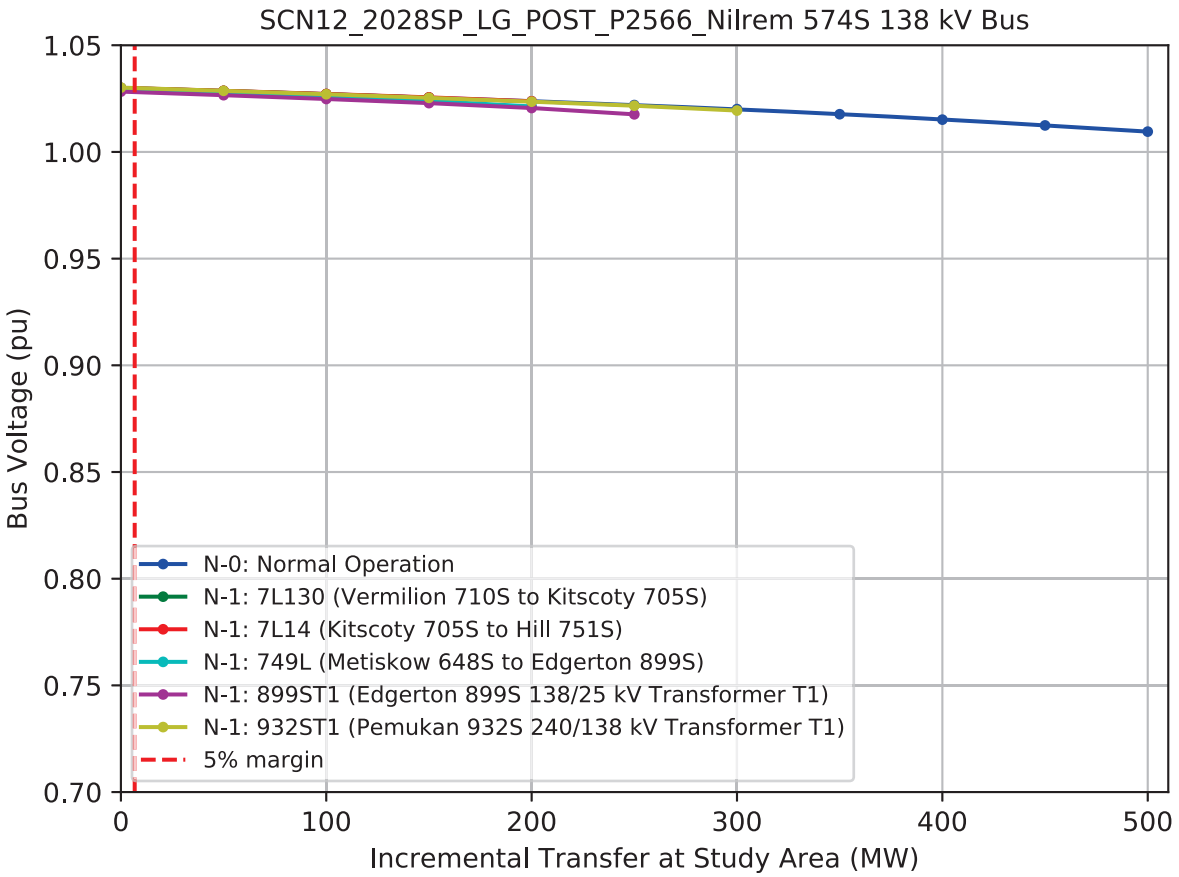

SCN12_2028SP_LG_POST_P2566_Hansman Lake 650S 240 kV Bus
Bus Voltage (pu)
1.10
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0
100
200
300
400
500
Incremental Transfer at Study Area (MW)
N-0: Normal Operation
N-1: 7L130 (Vermilion 710S to Kitscoty 705S)
N-1: 7L14 (Kitscoty 705S to Hill 751S)
N-1: 749L (Metiskow 648S to Edgerton 899S)
N-1: 899ST1 (Edgerton 899S 138/25 kV Transformer T1)
N-1: 932ST1 (Pemukan 932S 240/138 kV Transformer T1)
5% margin

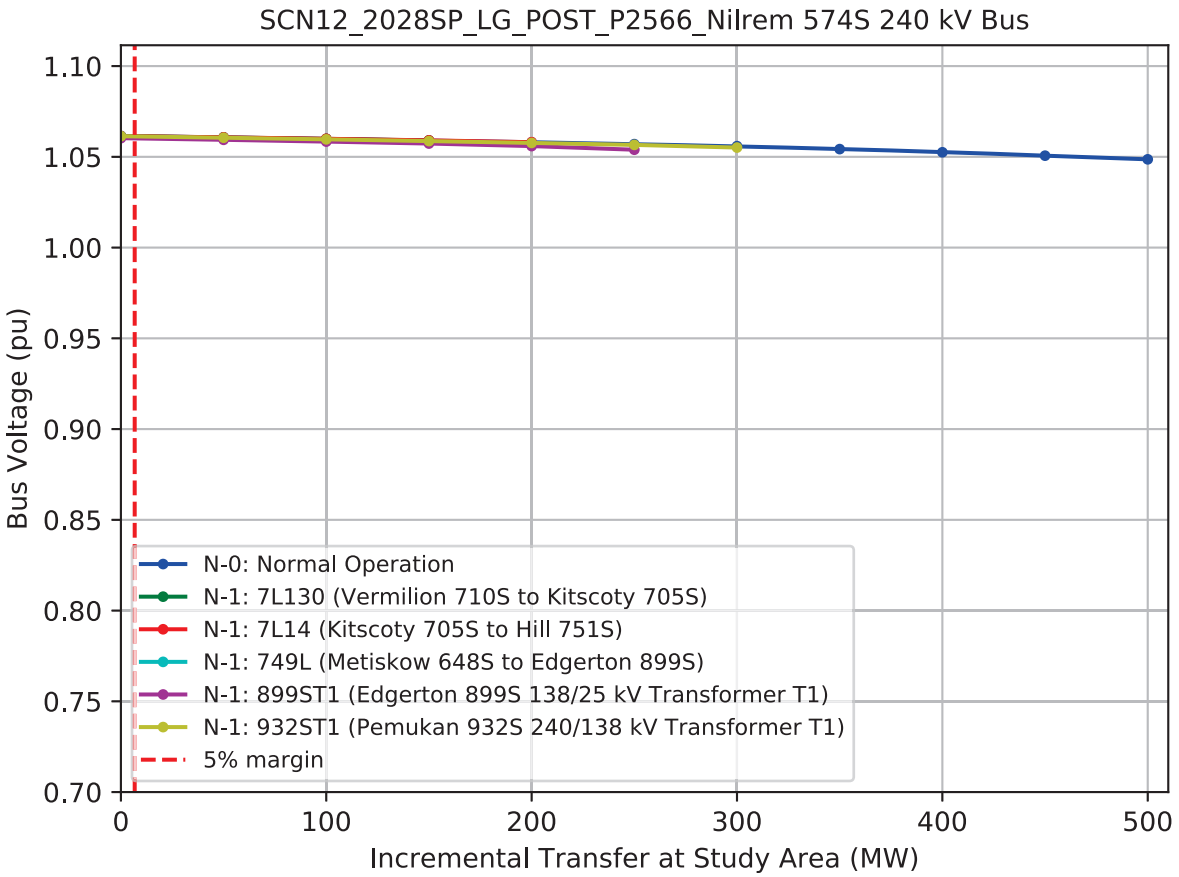

SCN12_2028SP_LG_POST_P2566_Hunghenden 213S 138 kV Bus
Bus Voltage (pu)
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0
100
200
300
400
500
Incremental Transfer at Study Area (MW)
N-0: Normal Operation
N-1: 7L130 (Vermilion 710S to Kitscoty 705S)
N-1: 7L14 (Kitscoty 705S to Hill 751S)
N-1: 749L (Metiskow 648S to Edgerton 899S)
N-1: 899ST1 (Edgerton 899S 138/25 kV Transformer T1)
N-1: 932ST1 (Pemukan 932S 240/138 kV Transformer T1)
5% margin

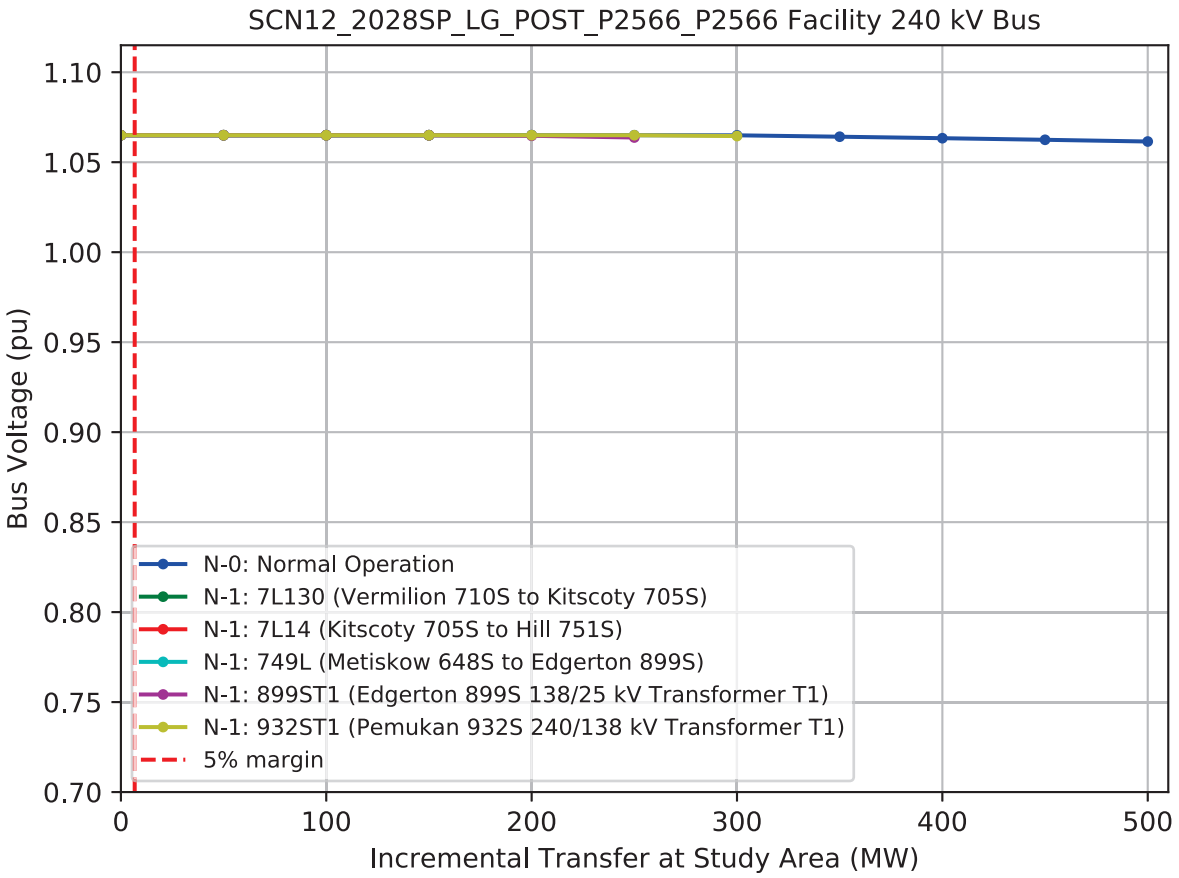

SCN12_2028SP_LG_POST_P2566_Metiskow 648S 138 kV Bus
Bus Voltage (pu)
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0
100
200
300
400
500
Incremental Transfer at Study Area (MW)
N-0: Normal Operation
N-1: 7L130 (Vermilion 710S to Kitscoty 705S)
N-1: 7L14 (Kitscoty 705S to Hill 751S)
N-1: 749L (Metiskow 648S to Edgerton 899S)
N-1: 899ST1 (Edgerton 899S 138/25 kV Transformer T1)
N-1: 932ST1 (Pemukan 932S 240/138 kV Transformer T1)
5% margin

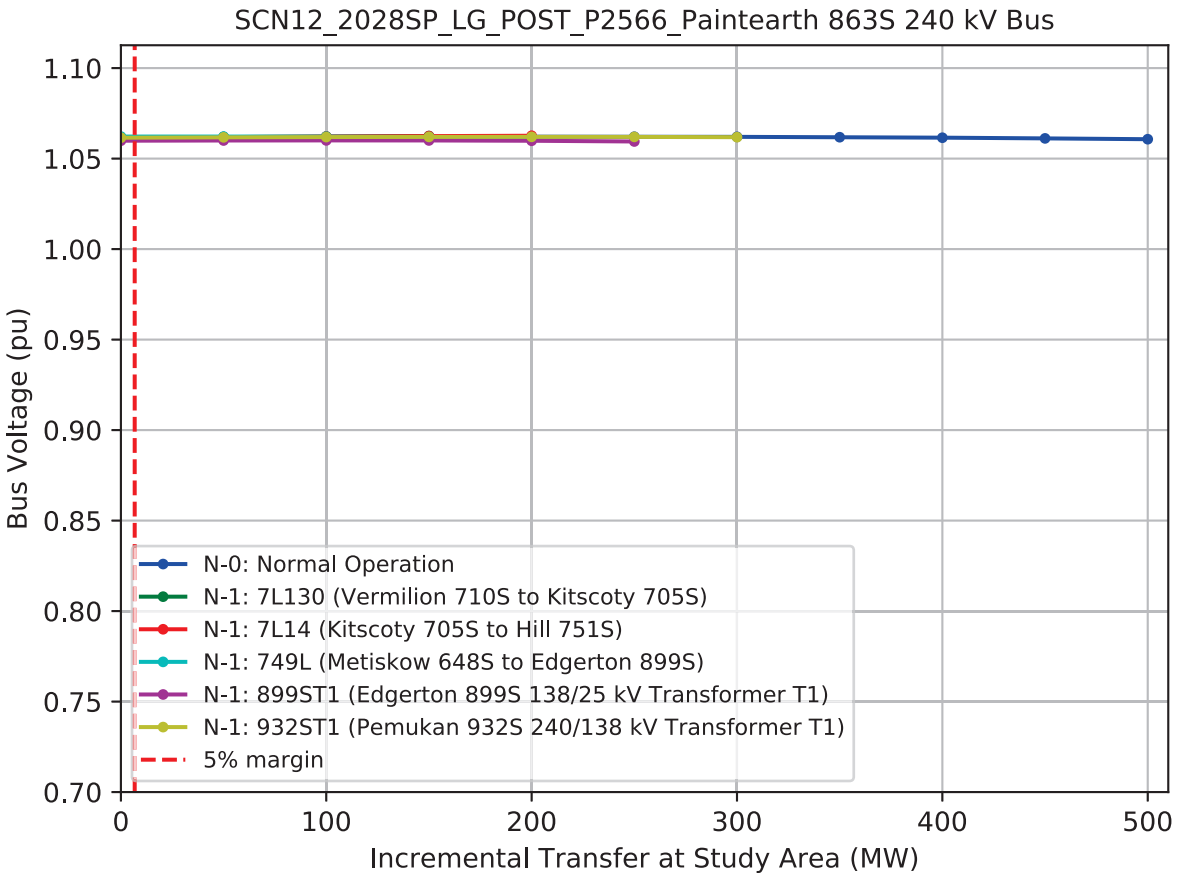

SCN12_2028SP_LG_POST_P2566_Metiskow 648S 240 kV Bus
Bus Voltage (pu)
1.10
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0
100
200
300
400
500
Incremental Transfer at Study Area (MW)
N-0: Normal Operation
N-1: 7L130 (Vermilion 710S to Kitscoty 705S)
N-1: 7L14 (Kitscoty 705S to Hill 751S)
N-1: 749L (Metiskow 648S to Edgerton 899S)
N-1: 899ST1 (Edgerton 899S 138/25 kV Transformer T1)
N-1: 932ST1 (Pemukan 932S 240/138 kV Transformer T1)
5% margin

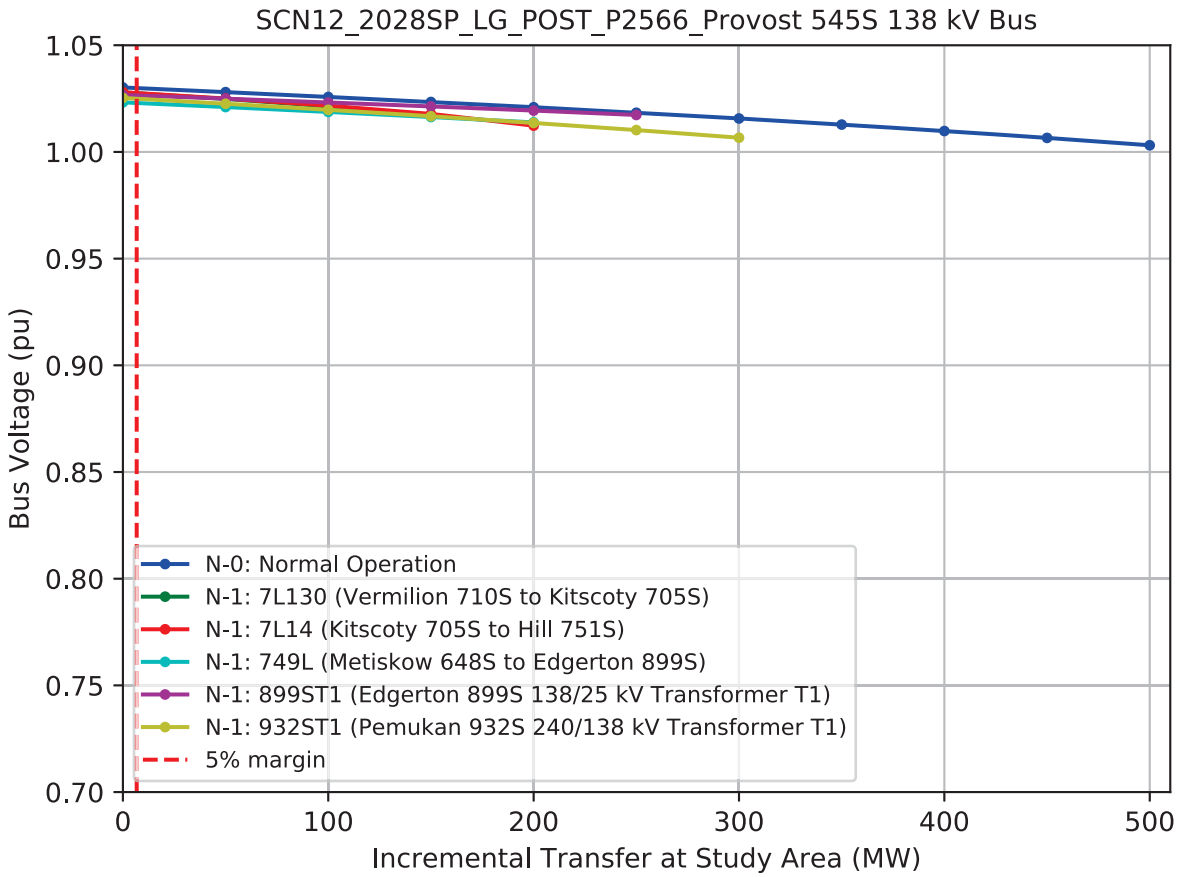

SCN12_2028SP_LG_POST_P2566_Monitor 774S 138 kV Bus
Bus Voltage (pu)
1.10
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0
100
200
300
400
500
Incremental Transfer at Study Area (MW)
N-0: Normal Operation
N-1: 7L130 (Vermilion 710S to Kitscoty 705S)
N-1: 7L14 (Kitscoty 705S to Hill 751S)
N-1: 749L (Metiskow 648S to Edgerton 899S)
N-1: 899ST1 (Edgerton 899S 138/25 kV Transformer T1)
N-1: 932ST1 (Pemukan 932S 240/138 kV Transformer T1)
5% margin

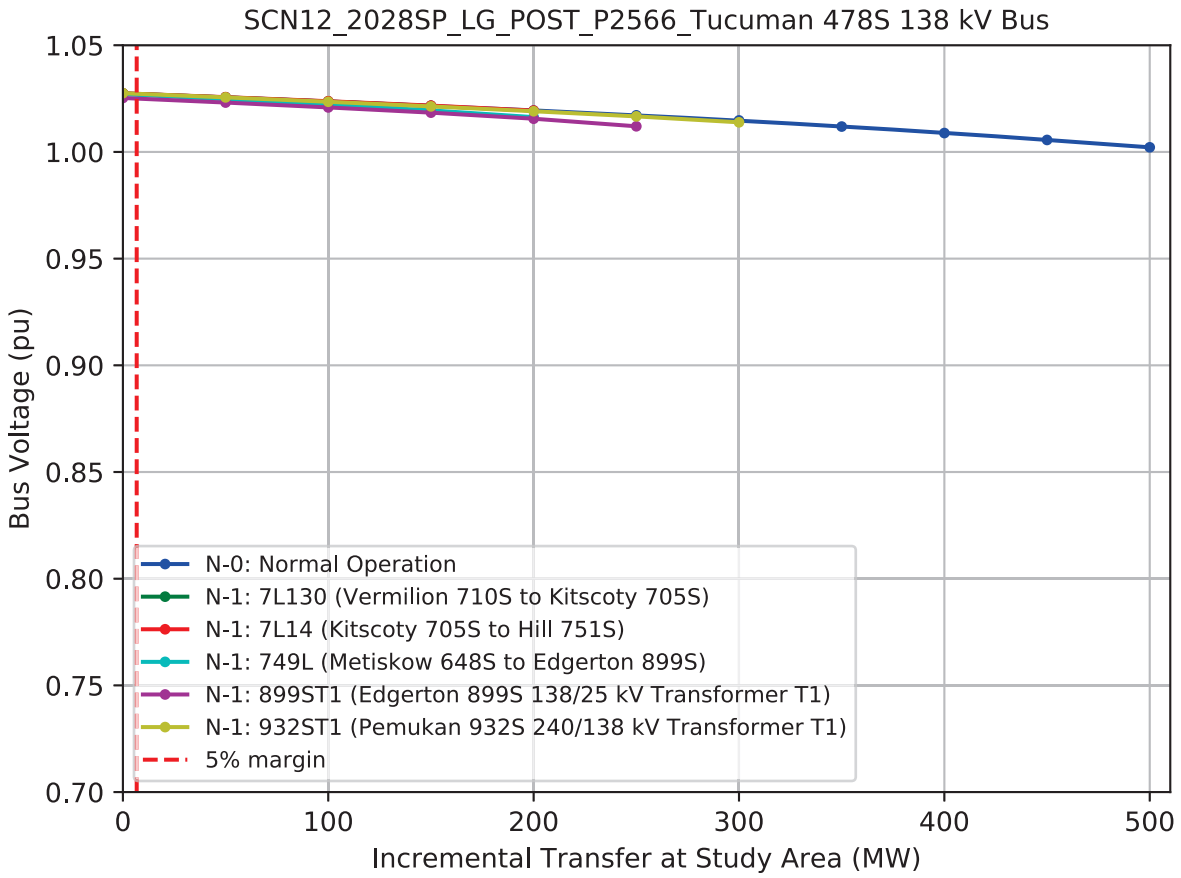

SCN12_2028SP_LG_POST_P2566_Nilrem 574S 138 kV Bus
Bus Voltage (pu)
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0
100
200
300
400
500
Incremental Transfer at Study Area (MW)
N-0: Normal Operation
N-1: 7L130 (Vermilion 710S to Kitscoty 705S)
N-1: 7L14 (Kitscoty 705S to Hill 751S)
N-1: 749L (Metiskow 648S to Edgerton 899S)
N-1: 899ST1 (Edgerton 899S 138/25 kV Transformer T1)
N-1: 932ST1 (Pemukan 932S 240/138 kV Transformer T1)
5% margin

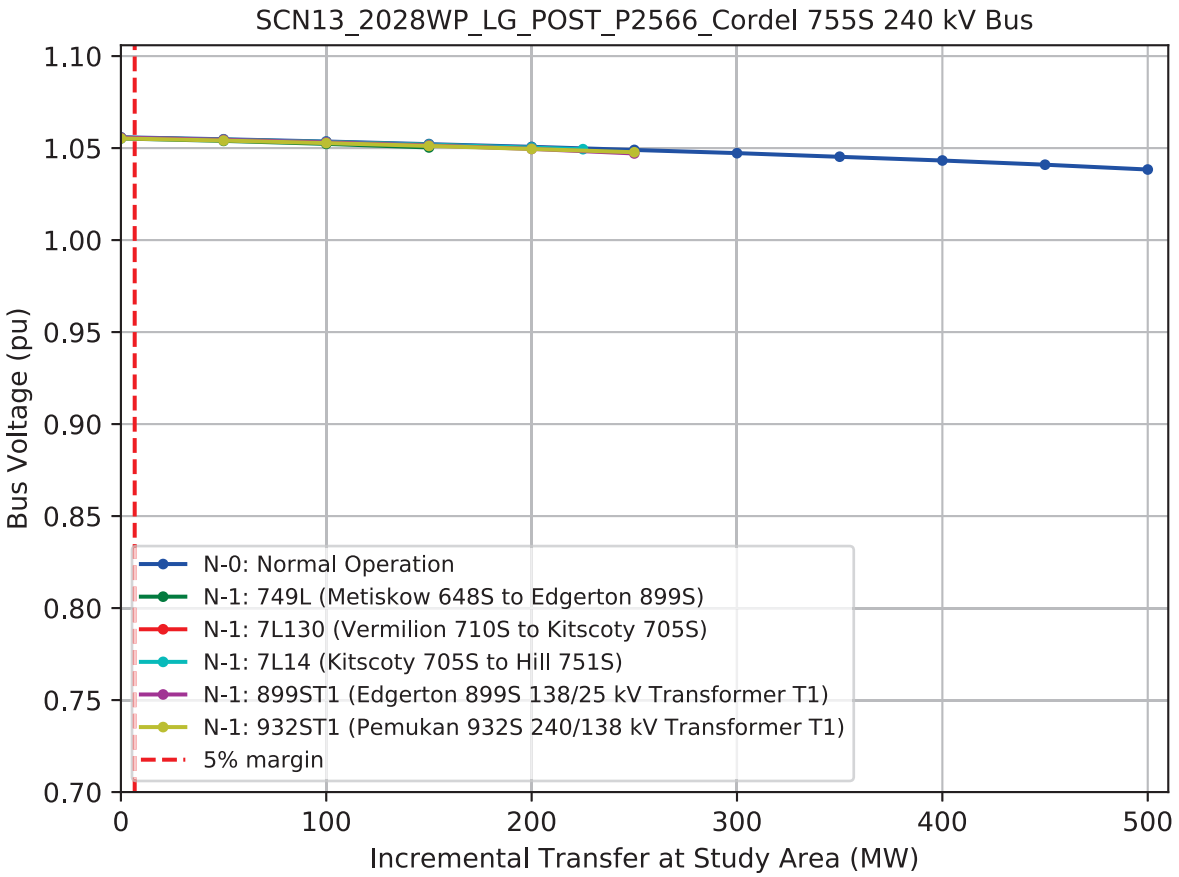

SCN12_2028SP_LG_POST_P2566_Nilrem 574S 240 kV Bus
Bus Voltage (pu)
1.10
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0
100
200
300
400
500
Incremental Transfer at Study Area (MW)
N-0: Normal Operation
N-1: 7L130 (Vermilion 710S to Kitscoty 705S)
N-1: 7L14 (Kitscoty 705S to Hill 751S)
N-1: 749L (Metiskow 648S to Edgerton 899S)
N-1: 899ST1 (Edgerton 899S 138/25 kV Transformer T1)
N-1: 932ST1 (Pemukan 932S 240/138 kV Transformer T1)
5% margin

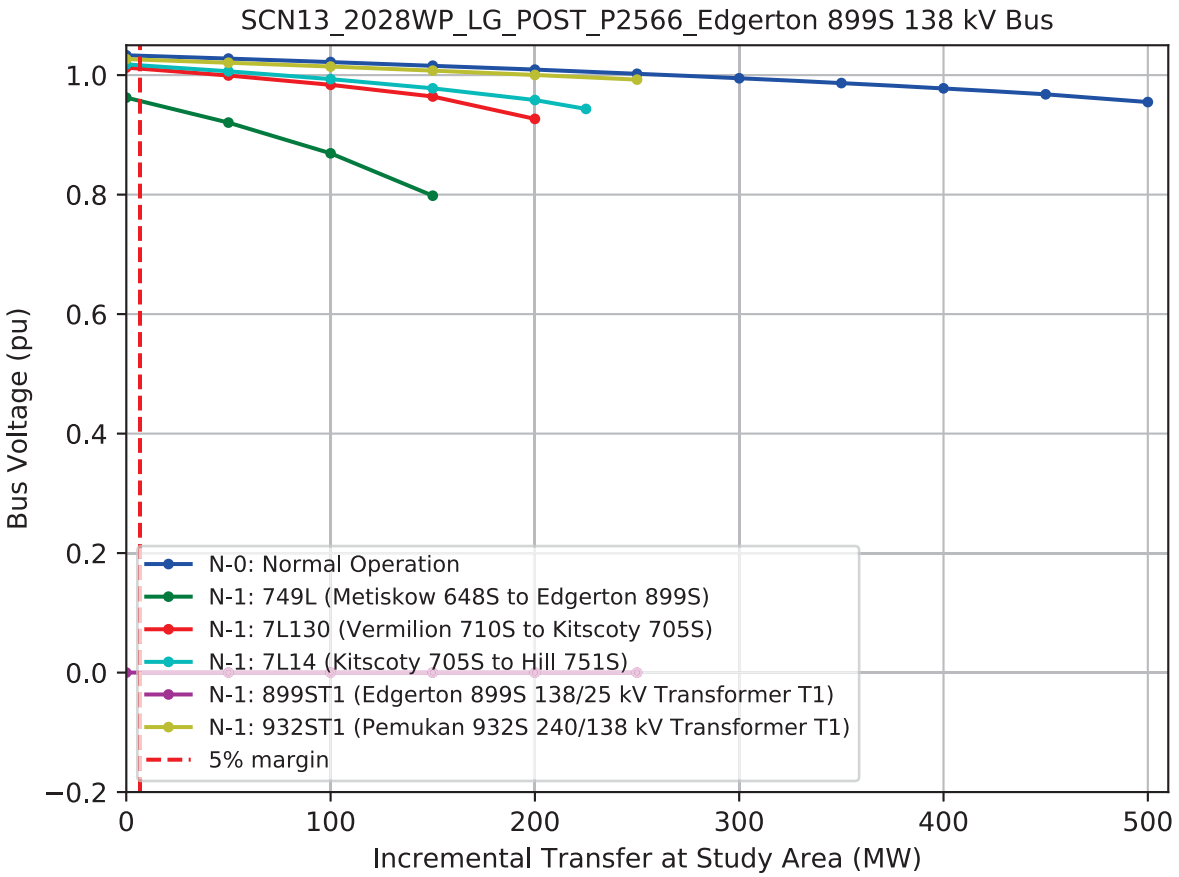

SCN12_2028SP_LG_POST_P2566_P2566 Facility 240 kV Bus
Bus Voltage (pu)
1.10
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0
100
200
300
400
500
Incremental Transfer at Study Area (MW)
N-0: Normal Operation
N-1: 7L130 (Vermilion 710S to Kitscoty 705S)
N-1: 7L14 (Kitscoty 705S to Hill 751S)
N-1: 749L (Metiskow 648S to Edgerton 899S)
N-1: 899ST1 (Edgerton 899S 138/25 kV Transformer T1)
N-1: 932ST1 (Pemukan 932S 240/138 kV Transformer T1)
5% margin

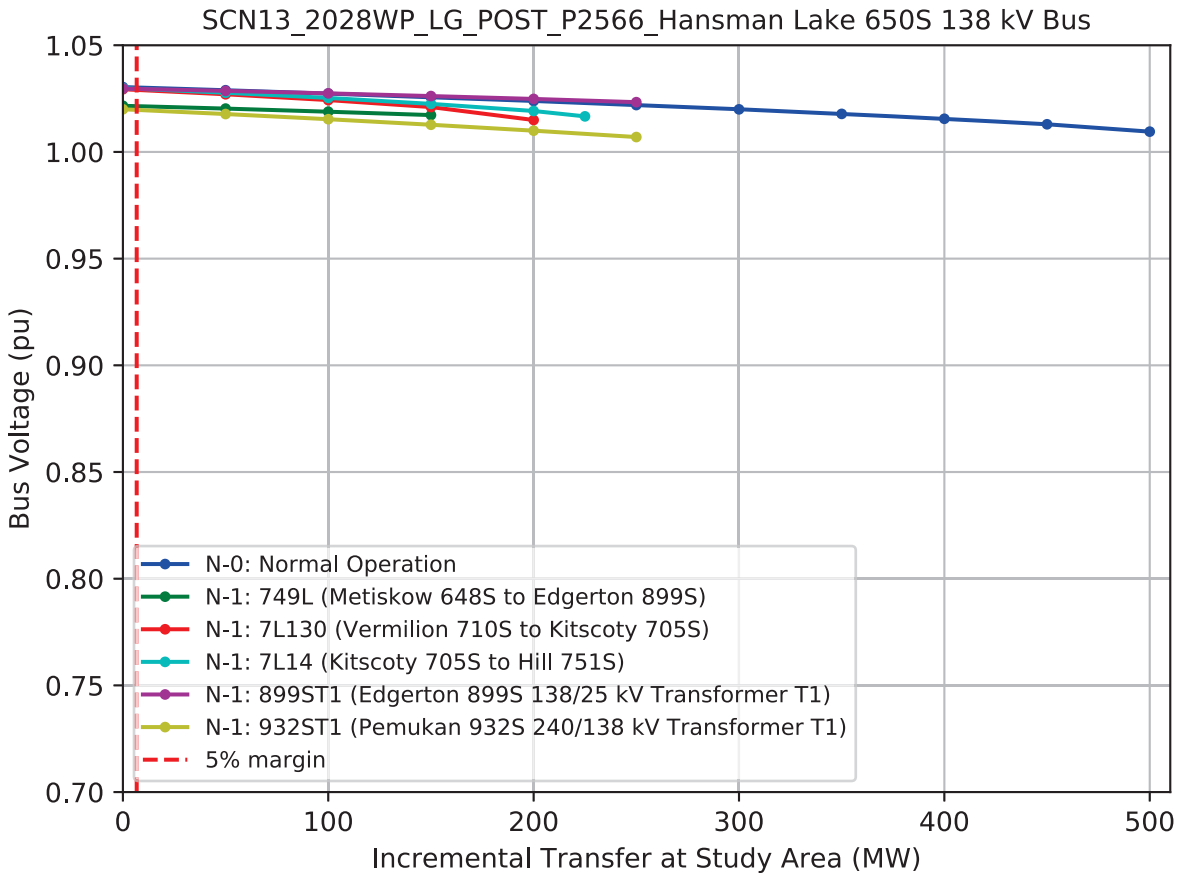

SCN12_2028SP_LG_POST_P2566_Paintearth 863S 240 kV Bus
Bus Voltage (pu)
1.10
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0
100
200
300
400
500
Incremental Transfer at Study Area (MW)
N-0: Normal Operation
N-1: 7L130 (Vermilion 710S to Kitscoty 705S)
N-1: 7L14 (Kitscoty 705S to Hill 751S)
N-1: 749L (Metiskow 648S to Edgerton 899S)
N-1: 899ST1 (Edgerton 899S 138/25 kV Transformer T1)
N-1: 932ST1 (Pemukan 932S 240/138 kV Transformer T1)
5% margin

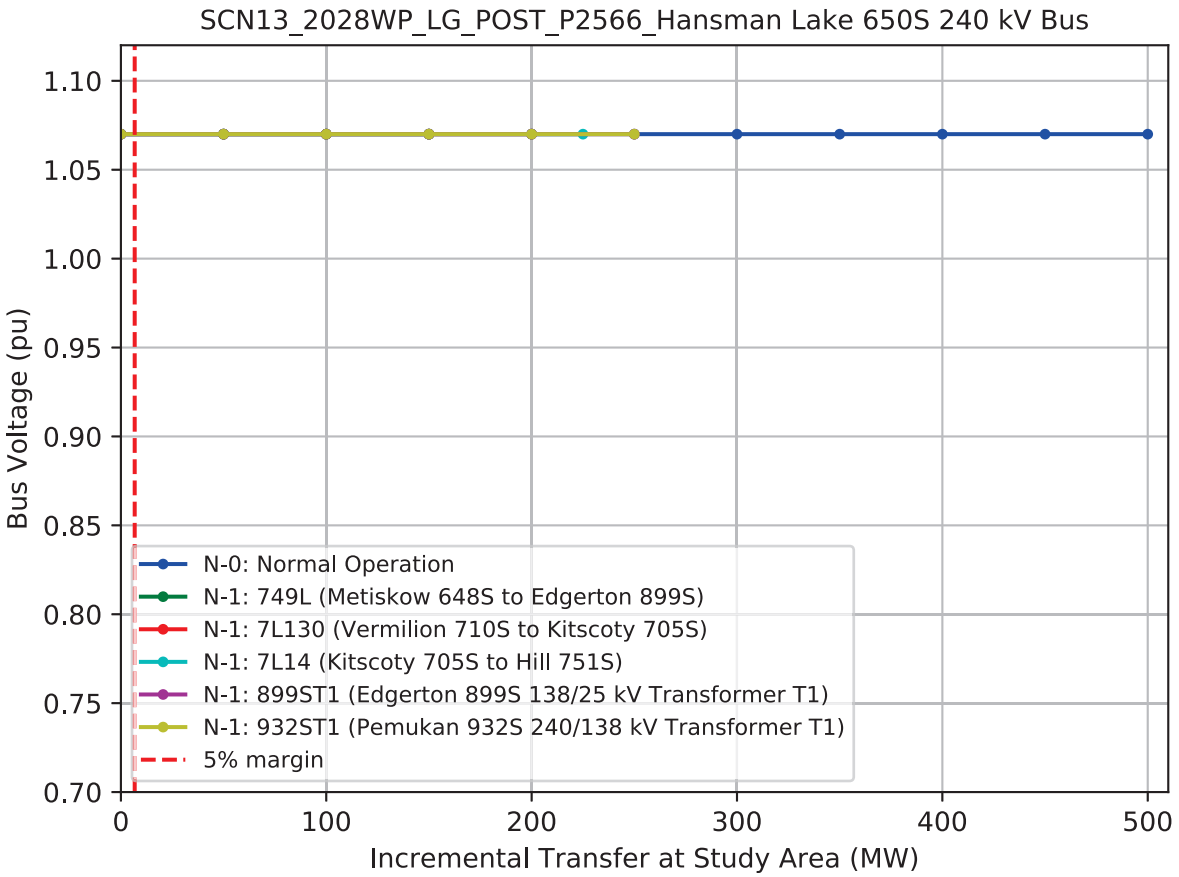

SCN12_2028SP_LG_POST_P2566_Provost 545S 138 kV Bus
Bus Voltage (pu)
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0
100
200
300
400
500
Incremental Transfer at Study Area (MW)
N-0: Normal Operation
N-1: 7L130 (Vermilion 710S to Kitscoty 705S)
N-1: 7L14 (Kitscoty 705S to Hill 751S)
N-1: 749L (Metiskow 648S to Edgerton 899S)
N-1: 899ST1 (Edgerton 899S 138/25 kV Transformer T1)
N-1: 932ST1 (Pemukan 932S 240/138 kV Transformer T1)
5% margin

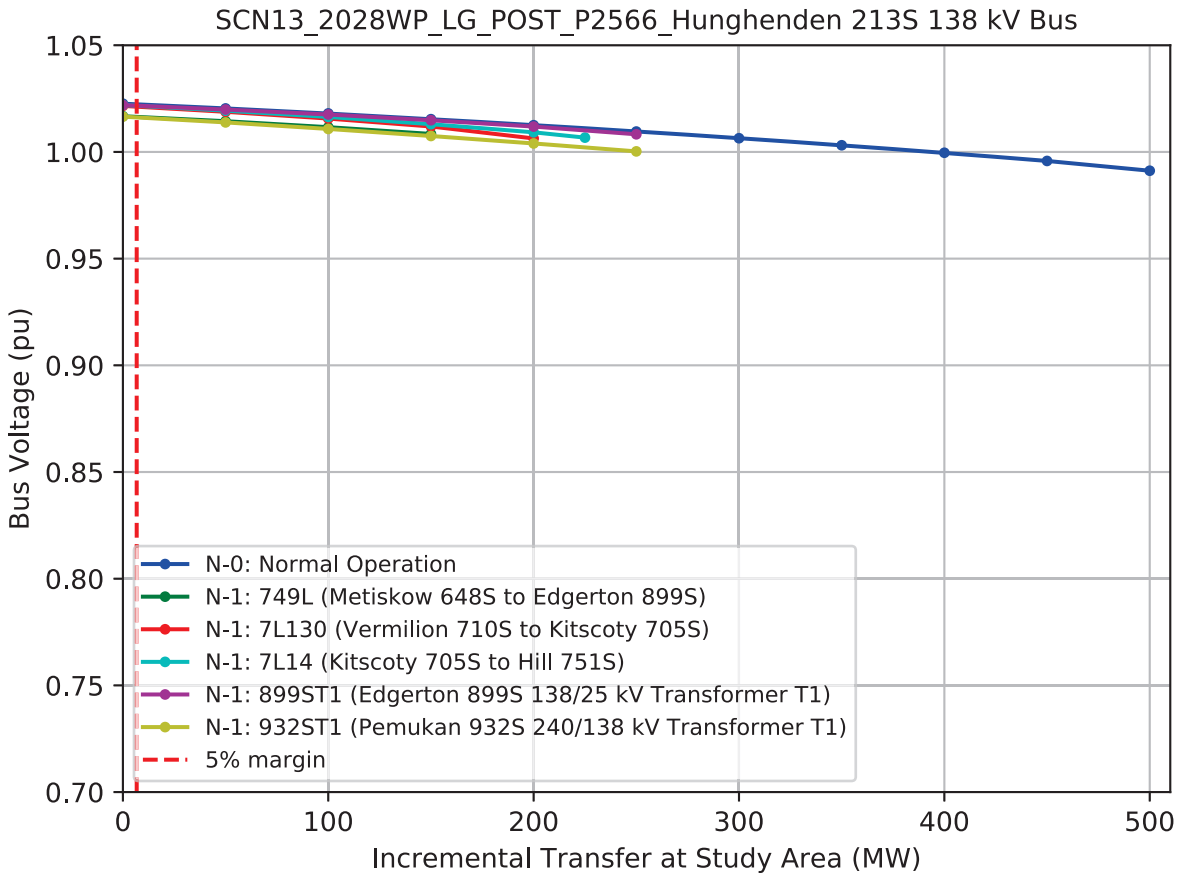

SCN12_2028SP_LG_POST_P2566_Tucuman 478S 138 kV Bus
Bus Voltage (pu)
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0
100
200
300
400
500
Incremental Transfer at Study Area (MW)
N-0: Normal Operation
N-1: 7L130 (Vermilion 710S to Kitscoty 705S)
N-1: 7L14 (Kitscoty 705S to Hill 751S)
N-1: 749L (Metiskow 648S to Edgerton 899S)
N-1: 899ST1 (Edgerton 899S 138/25 kV Transformer T1)
N-1: 932ST1 (Pemukan 932S 240/138 kV Transformer T1)
5% margin

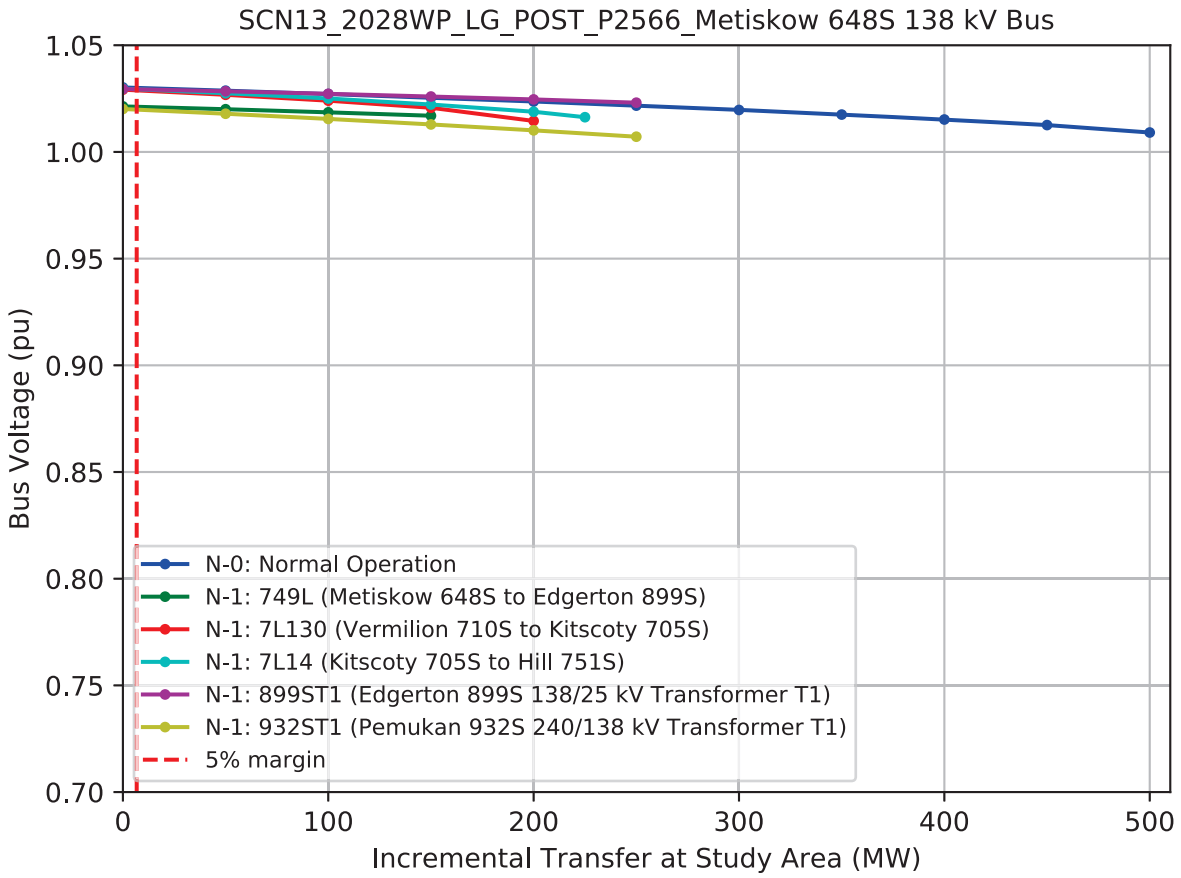

SCN13_2028WP_LG_POST_P2566_Cordel 755S 240 kV Bus
Bus Voltage (pu)
1.10
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0
100
200
300
400
500
Incremental Transfer at Study Area (MW)
N-0: Normal Operation
N-1: 749L (Metiskow 648S to Edgerton 899S)
N-1: 7L130 (Vermilion 710S to Kitscoty 705S)
N-1: 7L14 (Kitscoty 705S to Hill 751S)
N-1: 899ST1 (Edgerton 899S 138/25 kV Transformer T1)
N-1: 932ST1 (Pemukan 932S 240/138 kV Transformer T1)
5% margin

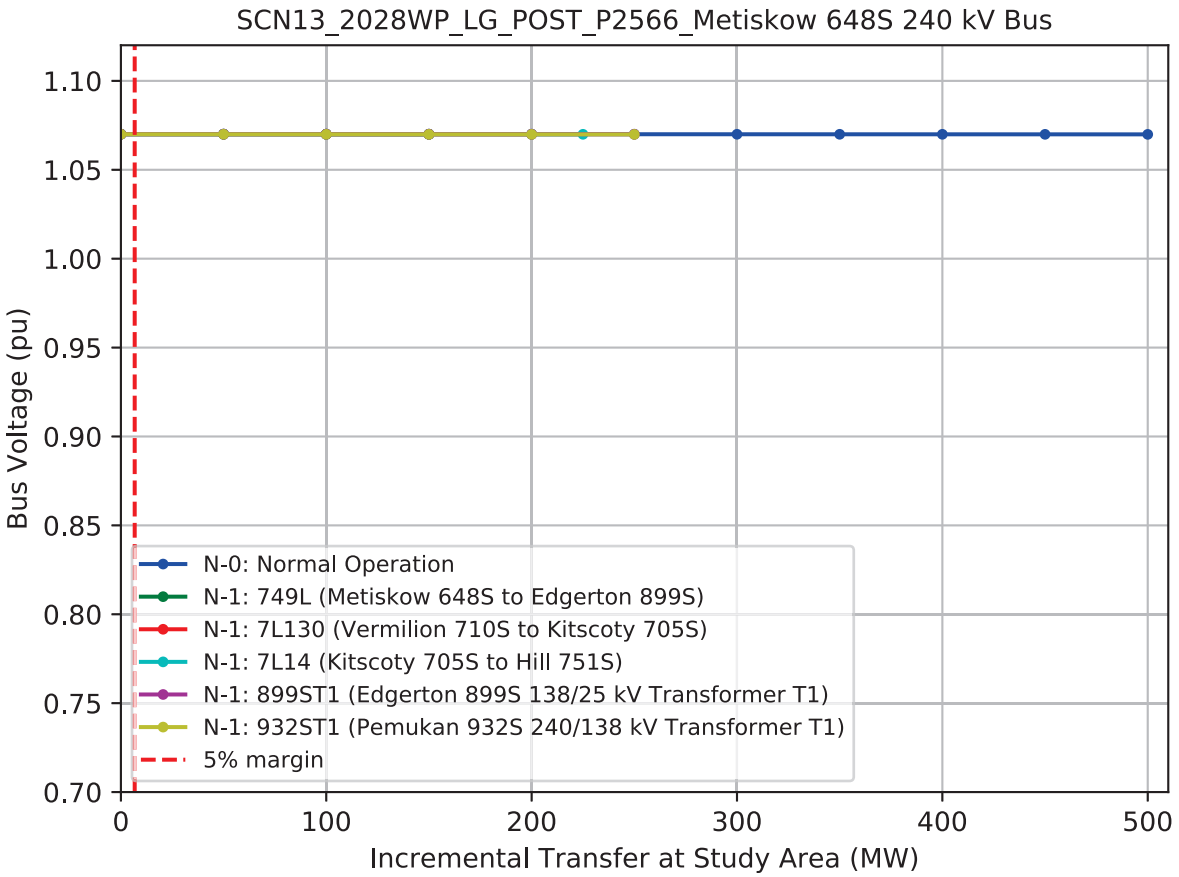

SCN13_2028WP_LG_POST_P2566_Edgerton 899S 138 kV Bus
Bus Voltage (pu)
Incremental Transfer at Study Area (MW)
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
0
100
200
300
400
500
N-0: Normal Operation
N-1: 749L (Metiskow 648S to Edgerton 899S)
N-1: 7L130 (Vermilion 710S to Kitscoty 705S)
N-1: 7L14 (Kitscoty 705S to Hill 751S)
N-1: 899ST1 (Edgerton 899S 138/25 kV Transformer T1)
N-1: 932ST1 (Pemukan 932S 240/138 kV Transformer T1)
5% margin

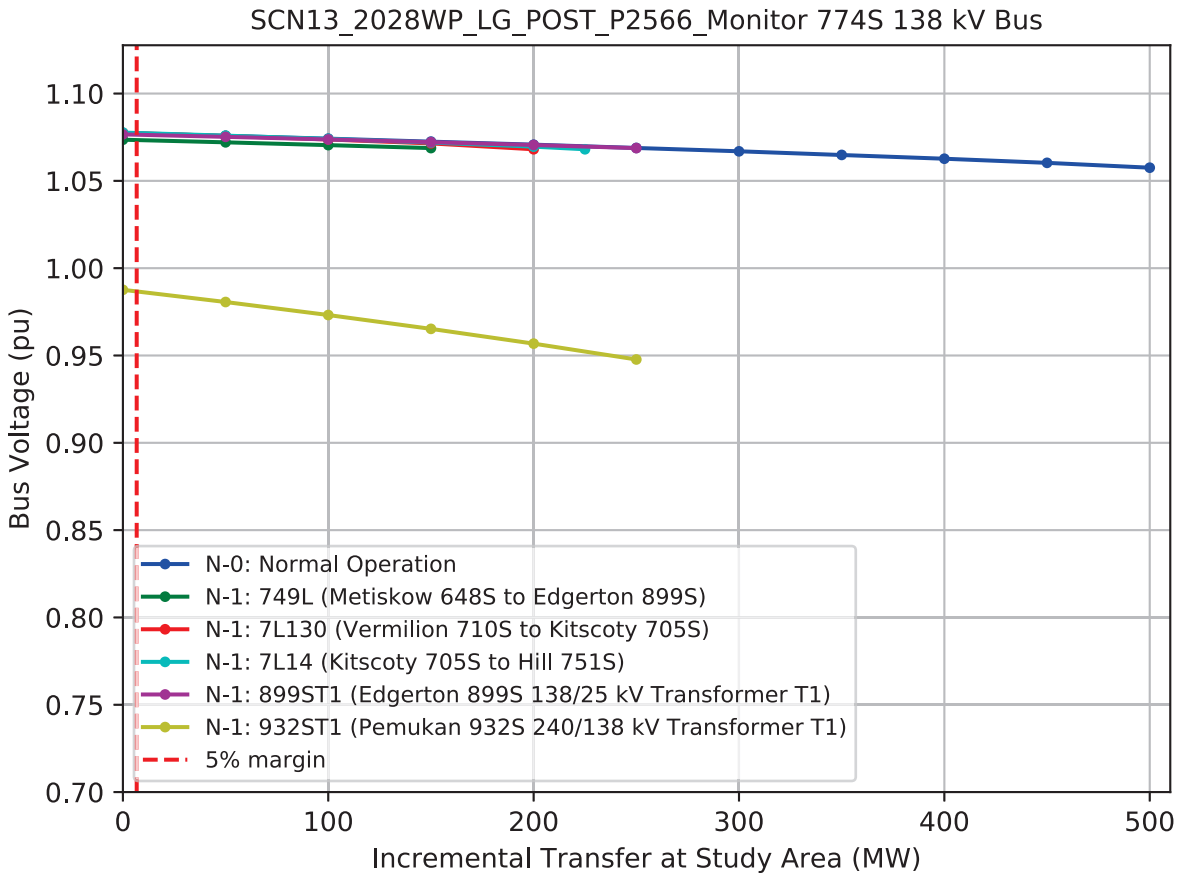

SCN13_2028WP_LG_POST_P2566_Hansman Lake 650S 138 kV Bus
Bus Voltage (pu)
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0
100
200
300
400
500
Incremental Transfer at Study Area (MW)
N-0: Normal Operation
N-1: 749L (Metiskow 648S to Edgerton 899S)
N-1: 7L130 (Vermilion 710S to Kitscoty 705S)
N-1: 7L14 (Kitscoty 705S to Hill 751S)
N-1: 899ST1 (Edgerton 899S 138/25 kV Transformer T1)
N-1: 932ST1 (Pemukan 932S 240/138 kV Transformer T1)
5% margin

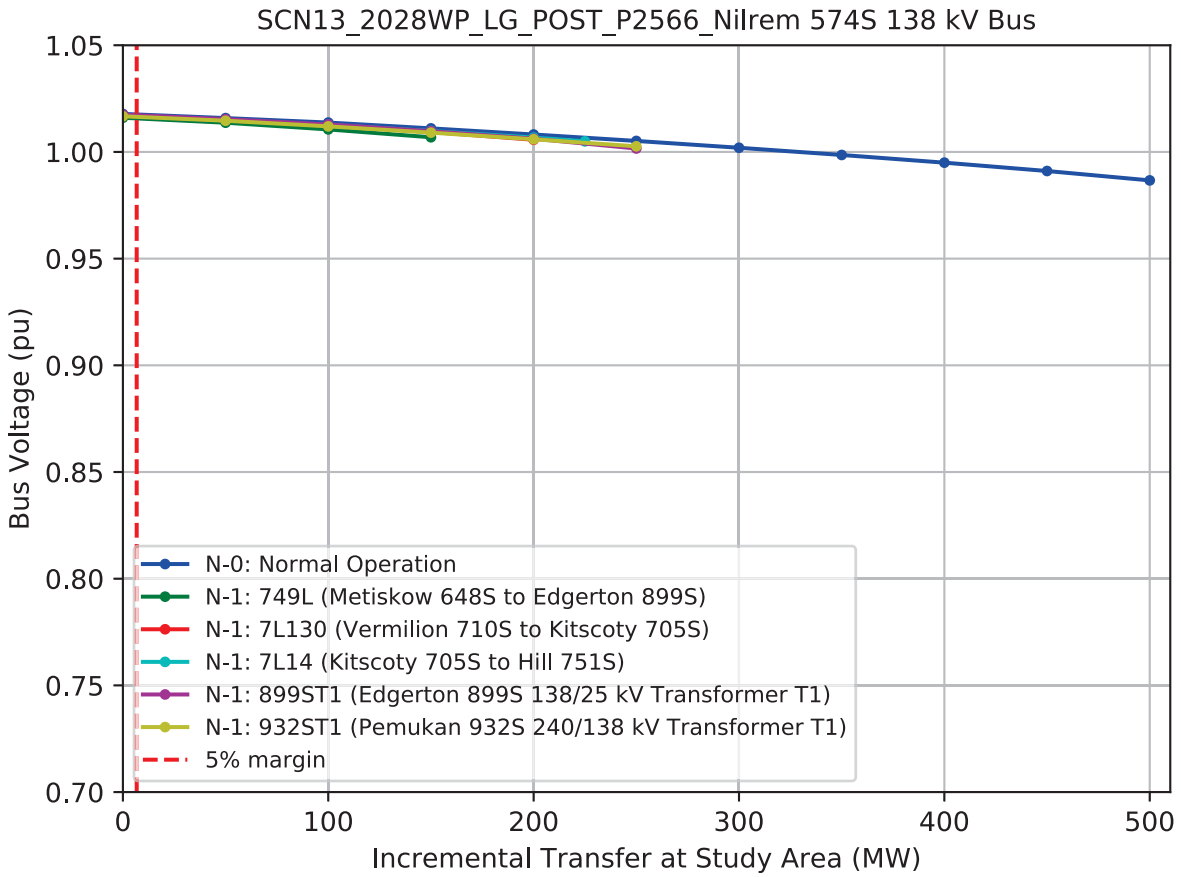

SCN13_2028WP_LG_POST_P2566_Hansman Lake 650S 240 kV Bus
Bus Voltage (pu)
1.10
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0
100
200
300
400
500
Incremental Transfer at Study Area (MW)
N-0: Normal Operation
N-1: 749L (Metiskow 648S to Edgerton 899S)
N-1: 7L130 (Vermilion 710S to Kitscoty 705S)
N-1: 7L14 (Kitscoty 705S to Hill 751S)
N-1: 899ST1 (Edgerton 899S 138/25 kV Transformer T1)
N-1: 932ST1 (Pemukan 932S 240/138 kV Transformer T1)
5% margin

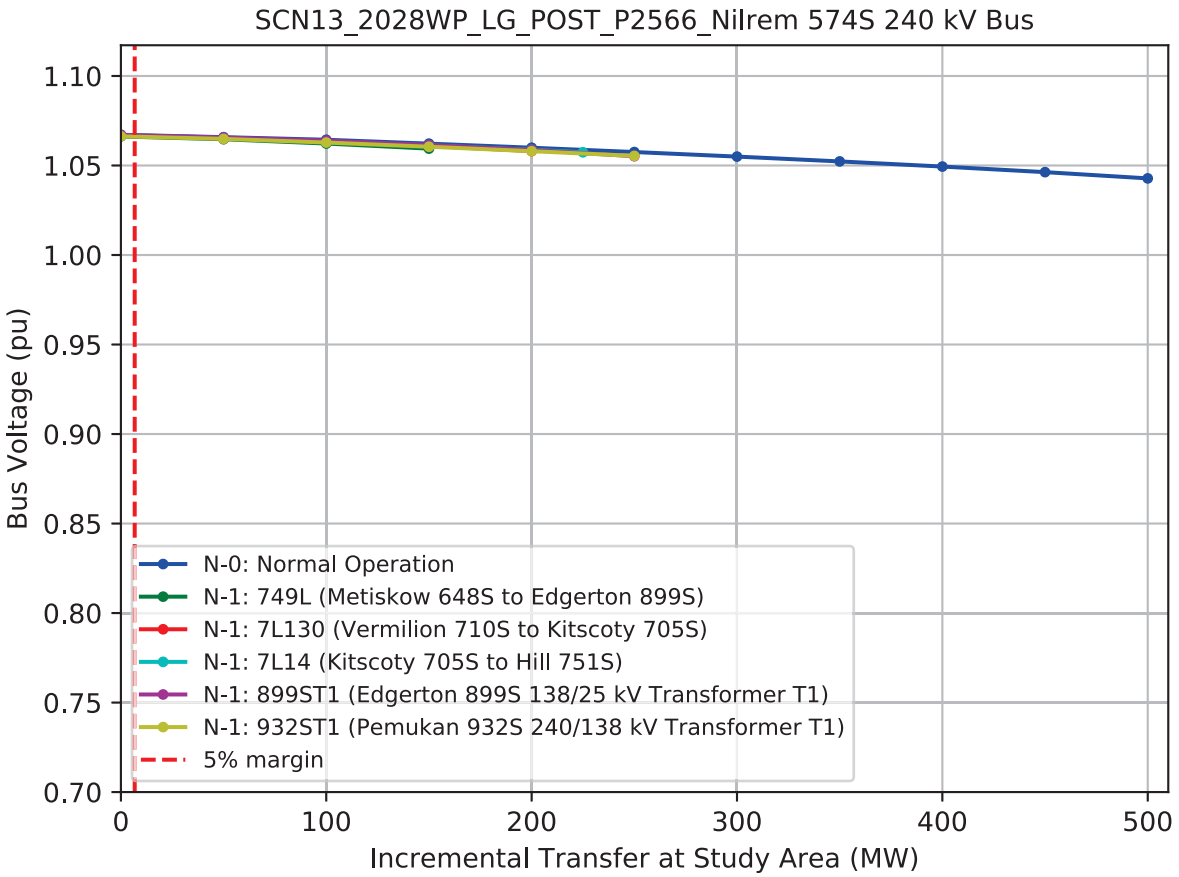

SCN13_2028WP_LG_POST_P2566_Hunghenden 213S 138 kV Bus
Bus Voltage (pu)
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0
100
200
300
400
500
Incremental Transfer at Study Area (MW)
N-0: Normal Operation
N-1: 749L (Metiskow 648S to Edgerton 899S)
N-1: 7L130 (Vermilion 710S to Kitscoty 705S)
N-1: 7L14 (Kitscoty 705S to Hill 751S)
N-1: 899ST1 (Edgerton 899S 138/25 kV Transformer T1)
N-1: 932ST1 (Pemukan 932S 240/138 kV Transformer T1)
5% margin

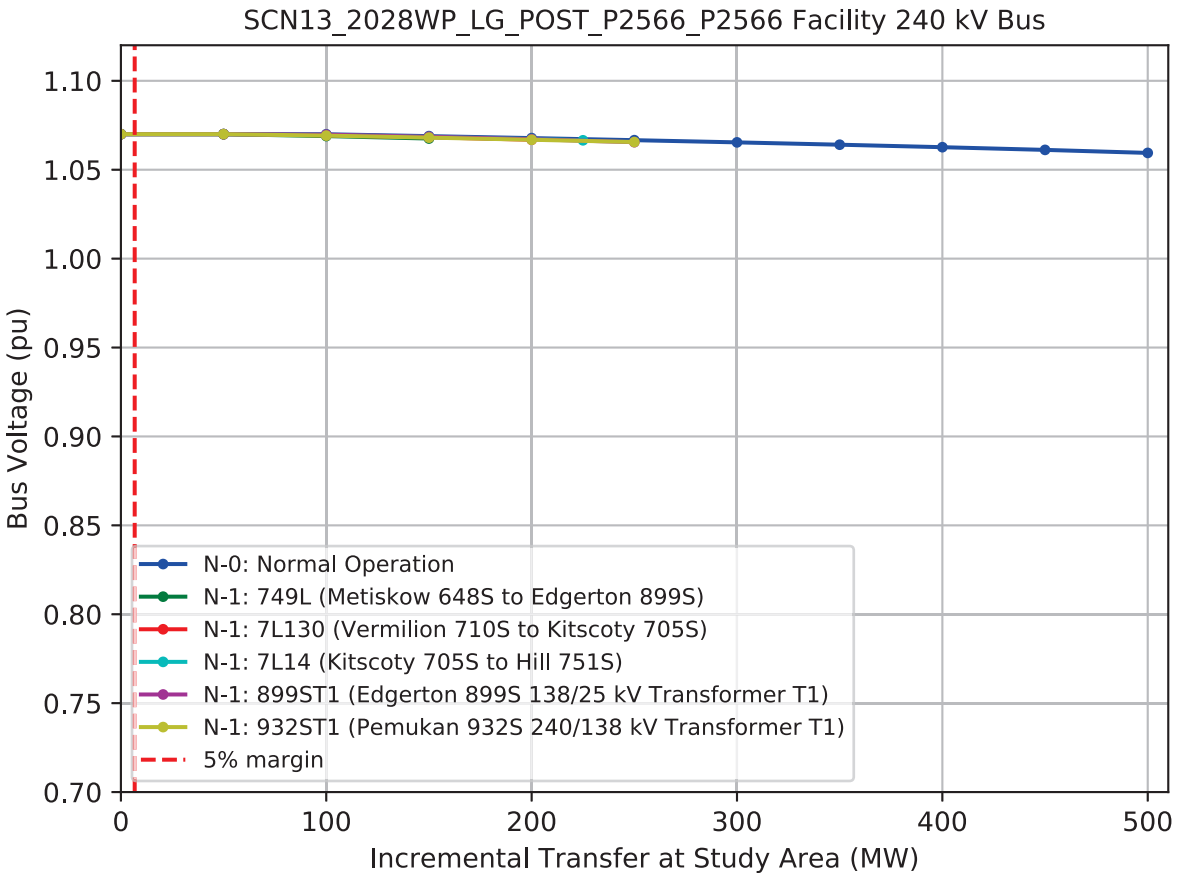

SCN13_2028WP_LG_POST_P2566_Metiskow 648S 138 kV Bus
Bus Voltage (pu)
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0
100
200
300
400
500
Incremental Transfer at Study Area (MW)
N-0: Normal Operation
N-1: 749L (Metiskow 648S to Edgerton 899S)
N-1: 7L130 (Vermilion 710S to Kitscoty 705S)
N-1: 7L14 (Kitscoty 705S to Hill 751S)
N-1: 899ST1 (Edgerton 899S 138/25 kV Transformer T1)
N-1: 932ST1 (Pemukan 932S 240/138 kV Transformer T1)
5% margin

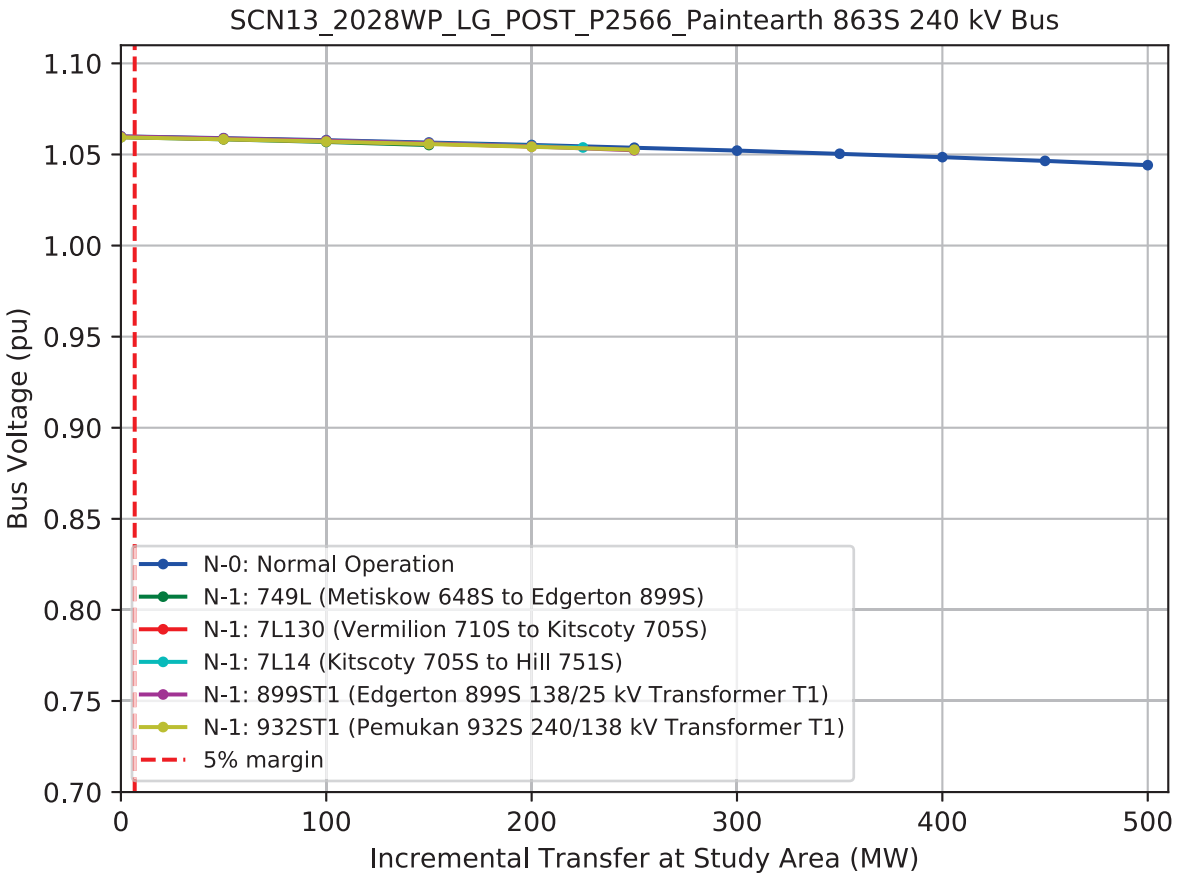

SCN13_2028WP_LG_POST_P2566_Metiskow 648S 240 kV Bus
Bus Voltage (pu)
1.10
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0
100
200
300
400
500
Incremental Transfer at Study Area (MW)
N-0: Normal Operation
N-1: 749L (Metiskow 648S to Edgerton 899S)
N-1: 7L130 (Vermilion 710S to Kitscoty 705S)
N-1: 7L14 (Kitscoty 705S to Hill 751S)
N-1: 899ST1 (Edgerton 899S 138/25 kV Transformer T1)
N-1: 932ST1 (Pemukan 932S 240/138 kV Transformer T1)
5% margin

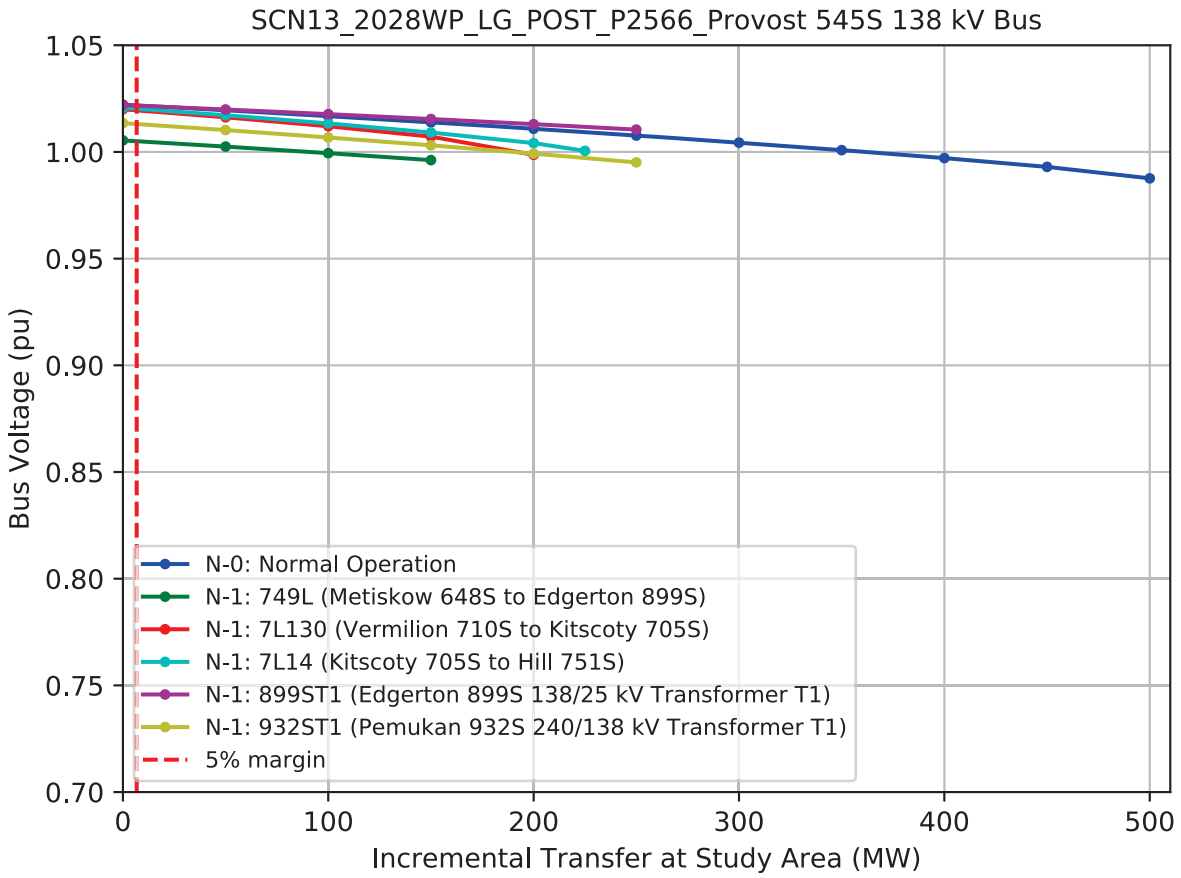

SCN13_2028WP_LG_POST_P2566_Monitor 774S 138 kV Bus
Bus Voltage (pu)
1.10
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0
100
200
300
400
500
Incremental Transfer at Study Area (MW)
N-0: Normal Operation
N-1: 749L (Metiskow 648S to Edgerton 899S)
N-1: 7L130 (Vermilion 710S to Kitscoty 705S)
N-1: 7L14 (Kitscoty 705S to Hill 751S)
N-1: 899ST1 (Edgerton 899S 138/25 kV Transformer T1)
N-1: 932ST1 (Pemukan 932S 240/138 kV Transformer T1)
5% margin

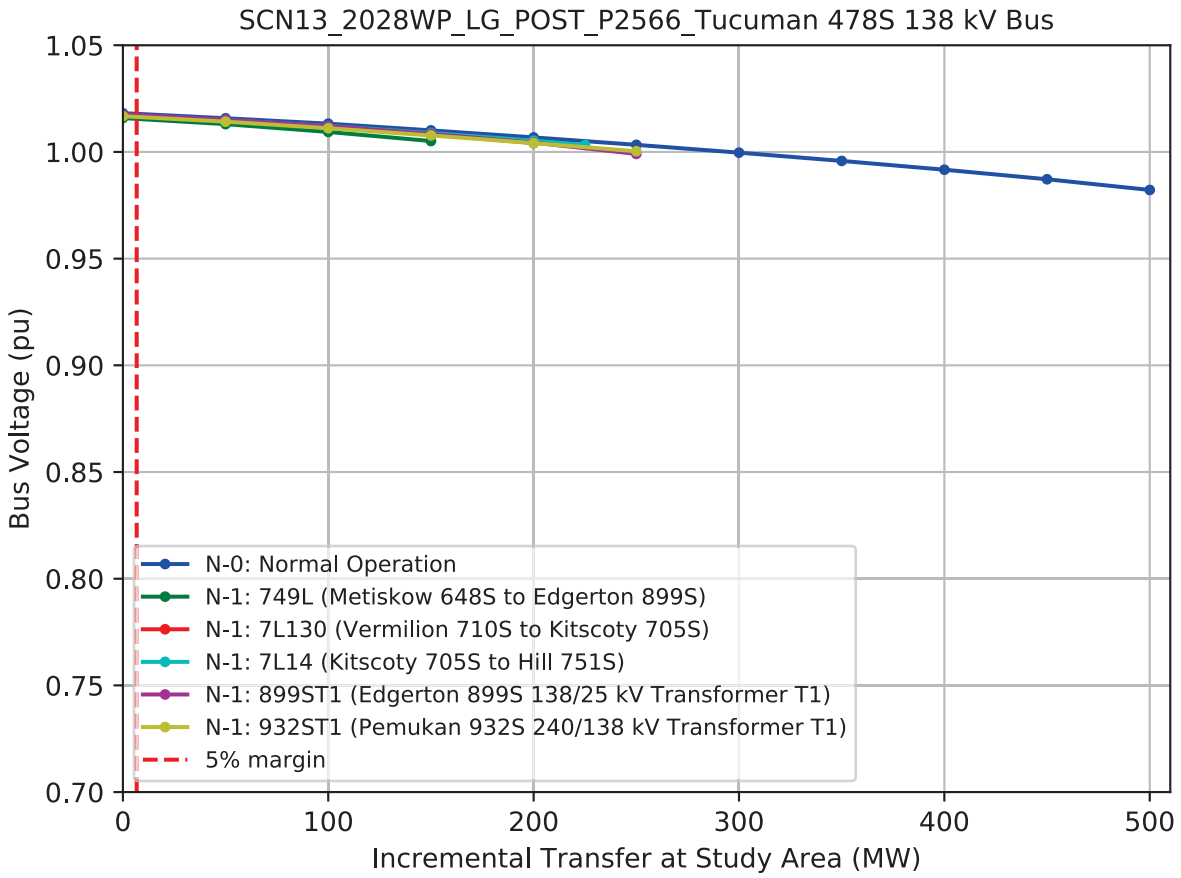

SCN13_2028WP_LG_POST_P2566_Nilrem 574S 138 kV Bus
Bus Voltage (pu)
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0
100
200
300
400
500
Incremental Transfer at Study Area (MW)
N-0: Normal Operation
N-1: 749L (Metiskow 648S to Edgerton 899S)
N-1: 7L130 (Vermilion 710S to Kitscoty 705S)
N-1: 7L14 (Kitscoty 705S to Hill 751S)
N-1: 899ST1 (Edgerton 899S 138/25 kV Transformer T1)
N-1: 932ST1 (Pemukan 932S 240/138 kV Transformer T1)
5% margin


SCN13_2028WP_LG_POST_P2566_Nilrem 574S 240 kV Bus
Bus Voltage (pu)
1.10
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0
100
200
300
400
500
Incremental Transfer at Study Area (MW)
N-0: Normal Operation
N-1: 749L (Metiskow 648S to Edgerton 899S)
N-1: 7L130 (Vermilion 710S to Kitscoty 705S)
N-1: 7L14 (Kitscoty 705S to Hill 751S)
N-1: 899ST1 (Edgerton 899S 138/25 kV Transformer T1)
N-1: 932ST1 (Pemukan 932S 240/138 kV Transformer T1)
5% margin


SCN13_2028WP_LG_POST_P2566_P2566 Facility 240 kV Bus
Bus Voltage (pu)
1.10
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0
100
200
300
400
500
Incremental Transfer at Study Area (MW)
N-0: Normal Operation
N-1: 749L (Metiskow 648S to Edgerton 899S)
N-1: 7L130 (Vermilion 710S to Kitscoty 705S)
N-1: 7L14 (Kitscoty 705S to Hill 751S)
N-1: 899ST1 (Edgerton 899S 138/25 kV Transformer T1)
N-1: 932ST1 (Pemukan 932S 240/138 kV Transformer T1)
5% margin


SCN13_2028WP_LG_POST_P2566_Paintearth 863S 240 kV Bus
Bus Voltage (pu)
1.10
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0
100
200
300
400
500
Incremental Transfer at Study Area (MW)
N-0: Normal Operation
N-1: 749L (Metiskow 648S to Edgerton 899S)
N-1: 7L130 (Vermilion 710S to Kitscoty 705S)
N-1: 7L14 (Kitscoty 705S to Hill 751S)
N-1: 899ST1 (Edgerton 899S 138/25 kV Transformer T1)
N-1: 932ST1 (Pemukan 932S 240/138 kV Transformer T1)
5% margin


SCN13_2028WP_LG_POST_P2566_Provost 545S 138 kV Bus
Bus Voltage (pu)
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0
100
200
300
400
500
Incremental Transfer at Study Area (MW)
N-0: Normal Operation
N-1: 749L (Metiskow 648S to Edgerton 899S)
N-1: 7L130 (Vermilion 710S to Kitscoty 705S)
N-1: 7L14 (Kitscoty 705S to Hill 751S)
N-1: 899ST1 (Edgerton 899S 138/25 kV Transformer T1)
N-1: 932ST1 (Pemukan 932S 240/138 kV Transformer T1)
5% margin


SCN13_2028WP_LG_POST_P2566_Tucuman 478S 138 kV Bus
Bus Voltage (pu)
1.05
1.00
0.95
0.90
0.85
0.80
0.75
0.70
0
100
200
300
400
500
Incremental Transfer at Study Area (MW)
N-0: Normal Operation
N-1: 749L (Metiskow 648S to Edgerton 899S)
N-1: 7L130 (Vermilion 710S to Kitscoty 705S)
N-1: 7L14 (Kitscoty 705S to Hill 751S)
N-1: 899ST1 (Edgerton 899S 138/25 kV Transformer T1)
N-1: 932ST1 (Pemukan 932S 240/138 kV Transformer T1)
5% margin

Attachment A5
Post-Project Transient Stability Diagrams

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_00_NOFAULT

FILE: Scn4_2028SP_00_nofault.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2123 0.81230

CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2123 0.81230

CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.1480 0.74800

CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000 -0.2000

CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
1.6000 1.2000

CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
1.6000 1.2000

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_00_NOFAULT

FILE: Scn4_2028SP_00_nofault.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.39340 -0.6066

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
0.39340 -0.6066

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
1.1692 0.16920

CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000 -0.5000

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
1.3518 0.35180

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
1.3176 0.31760

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_00_NOFAULT

FILE: Scn4_2028SP_00_nofault.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
19.625 -80.38

CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000 -50.00

CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
26.226 -73.77

CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
23.235 -76.76

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_00_NOFAULT

FILE: Scn4_2028SP_00_nofault.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2123 0.81230

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2123 0.81230

CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2123 0.81230

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_00_NOFAULT

FILE: Scn4_2028SP_00_nofault.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.1231 0.92310
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.1215 0.92150
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1400 0.94000
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1000 0.90000
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1000 0.90000

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_00_NOFAULT

FILE: Scn4_2028SP_00_nofault.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILEY TP 138.00]]
1.1312 0.93120
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.1700 0.97000
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.1289 0.92890
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.1280 0.92800
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.1280 0.92800
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.1309 0.93090

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_00_NOFAULT

FILE: Scn4_2028SP_00_nofault.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
0.39340 -0.6066
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.39340 -0.6066
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
0.39340 -0.6066

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_00_NOFAULT

FILE: Scn4_2028SP_00_nofault.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.1252 0.92520
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.1231 0.92310
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.1215 0.92150

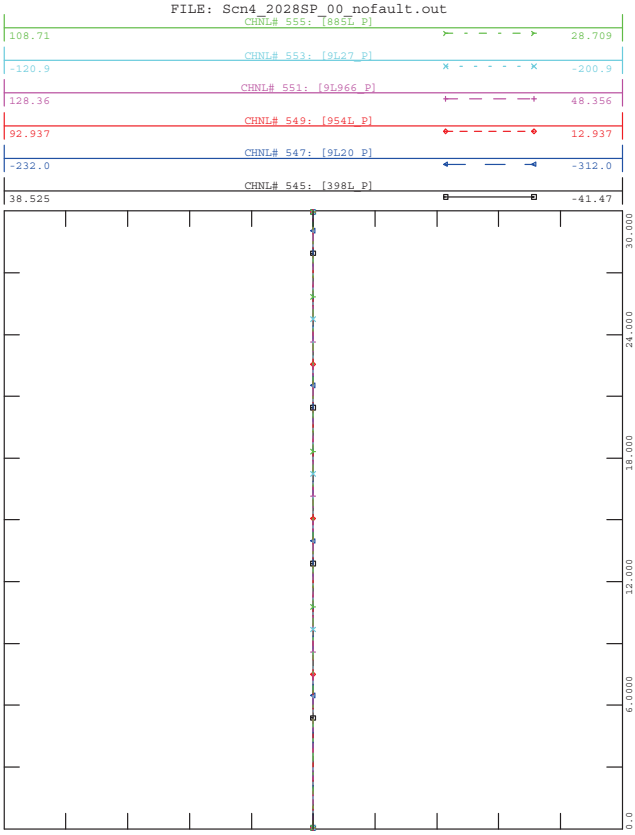
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_00_NOFAULT

FILE: Scn4_2028SP_00_nofault.out

TUE, AUG 13 2024 7:57

BRANCH P

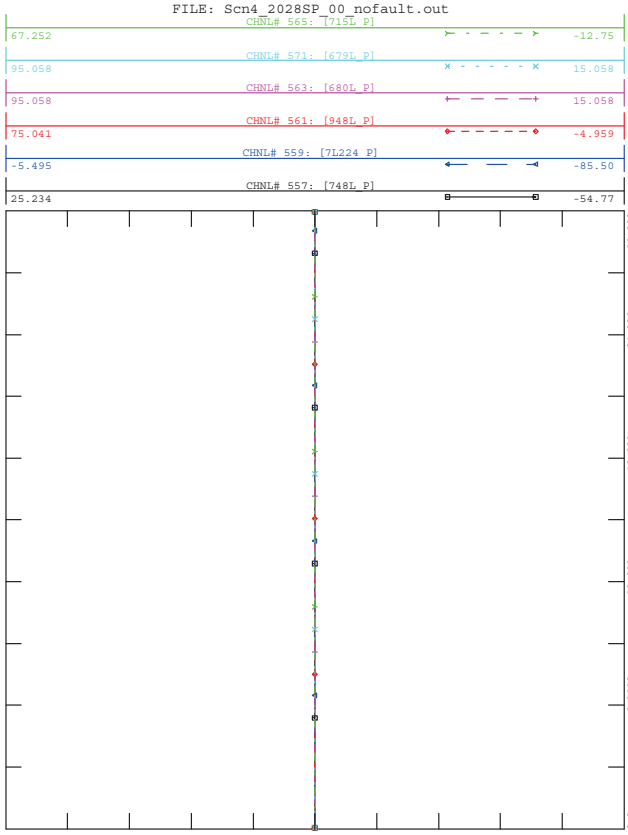


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CONTINGENCY -SCN4_2028SP_00_NOFAULT

FILE: Scn4_2028SP_00_nofault.out

TUE, AUG 13 2024 7:57

BRANCH P

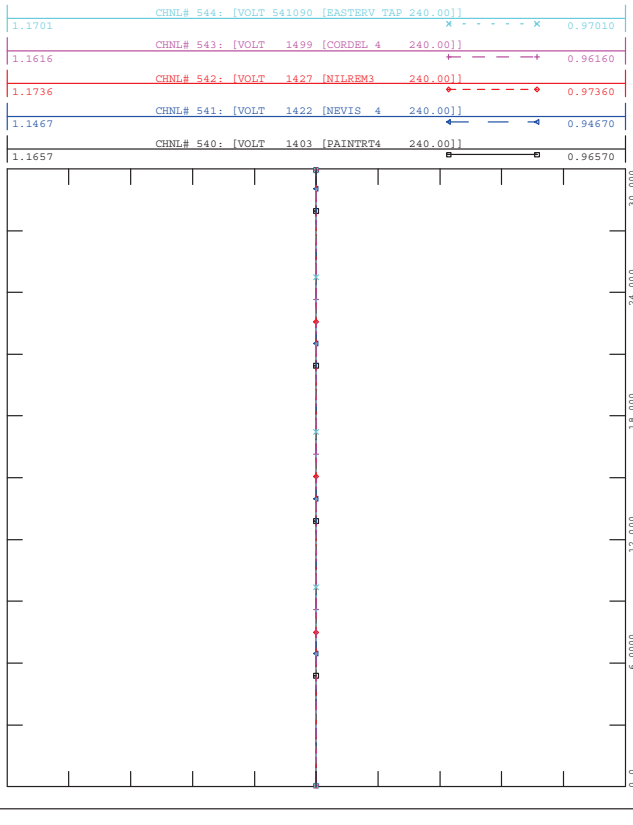


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_00_NOFAULT

FILE: Scn4_2028SP_00_nofault.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

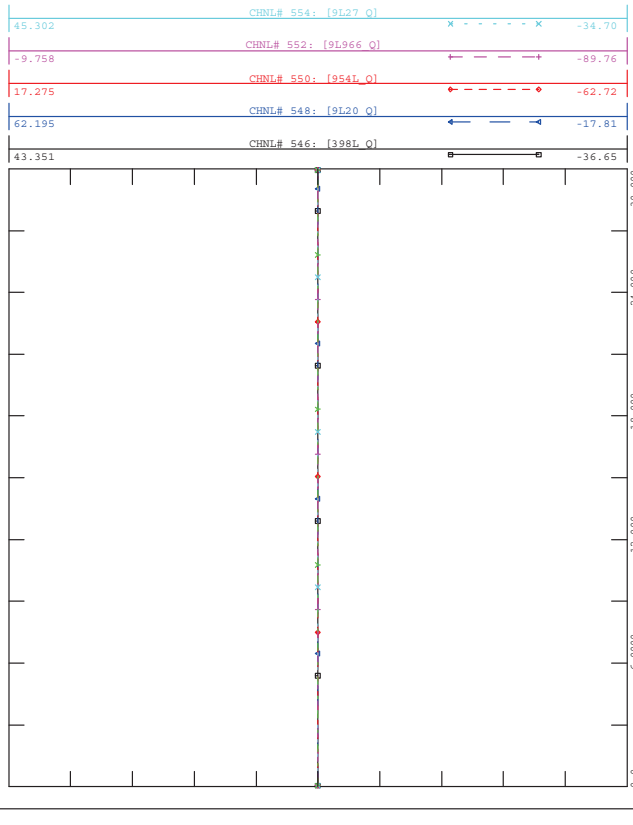


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_00_NOFAULT

FILE: Scn4_2028SP_00_nofault.out

TUE, AUG 13 2024 7:57

BRANCH Q

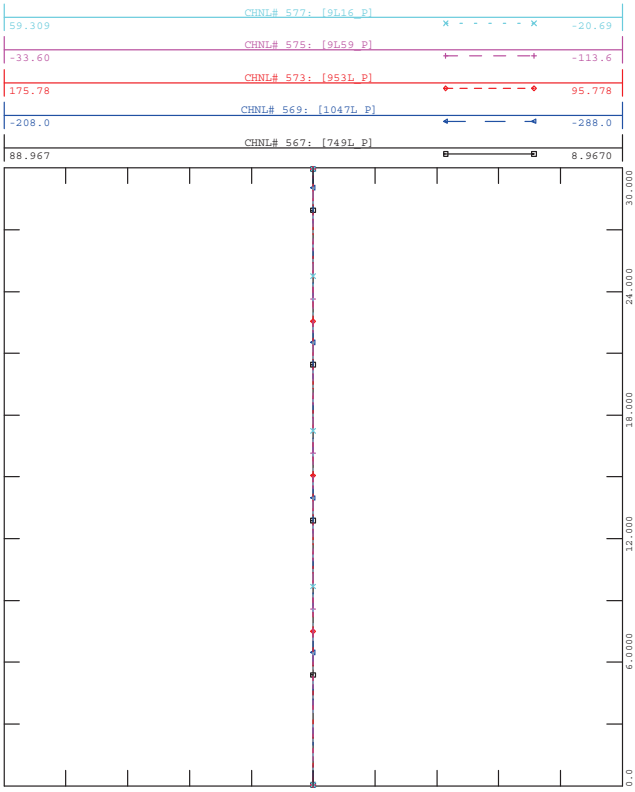


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_00_NOFAULT

FILE: Scn4_2028SP_00_nofault.out

TUE, AUG 13 2024 7:57

BRANCH P

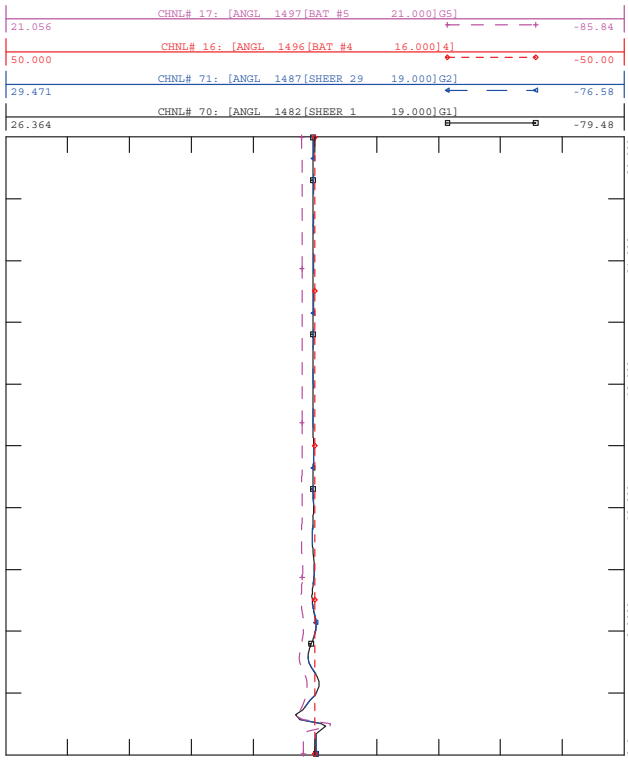


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_01_749L_KILLARNEY

FILE: Scn4_2028SP_01_749L_Killarney.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

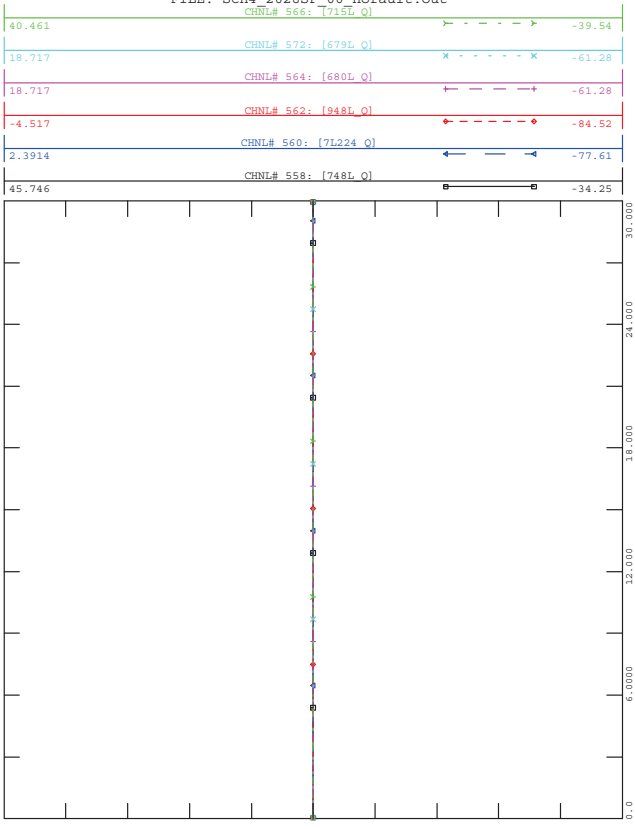


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_00_NOFAULT

FILE: Scn4_2028SP_00_nofault.out

TUE, AUG 13 2024 7:57

BRANCH Q

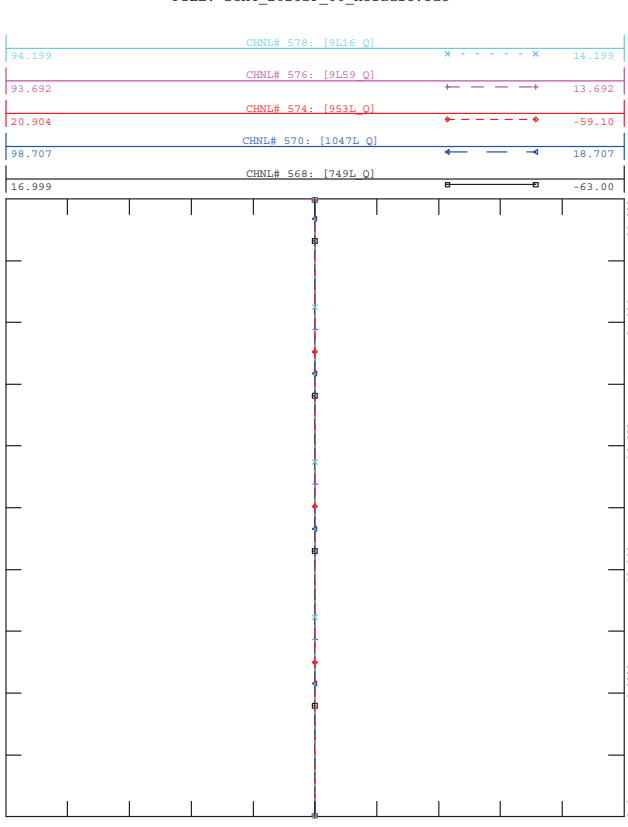


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CONTINGENCY -SCN4_2028SP_00_NOFAULT

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TUE, AUG 13 2024 7:57

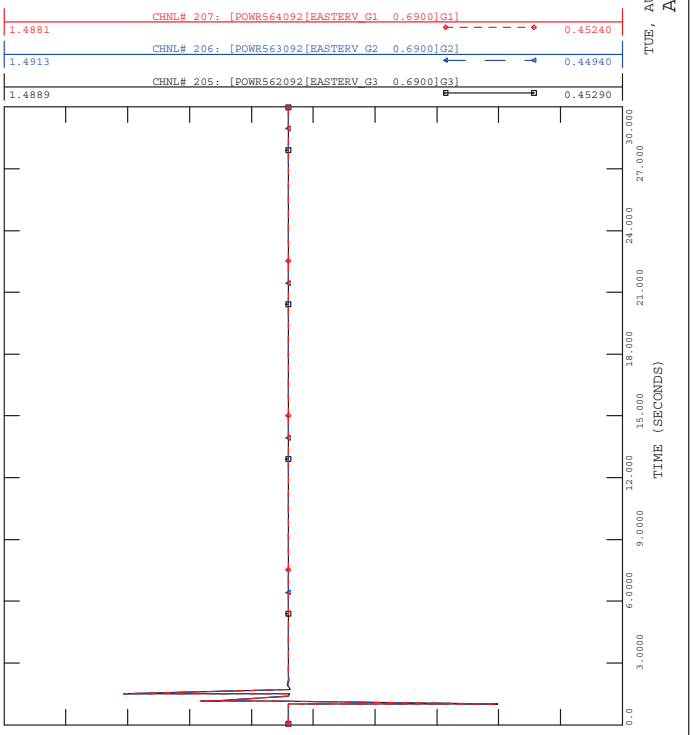
BRANCH Q



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_01_749L_KILLARNEY

FILE: Scn4_2028SP_01_749L_Killarney.out

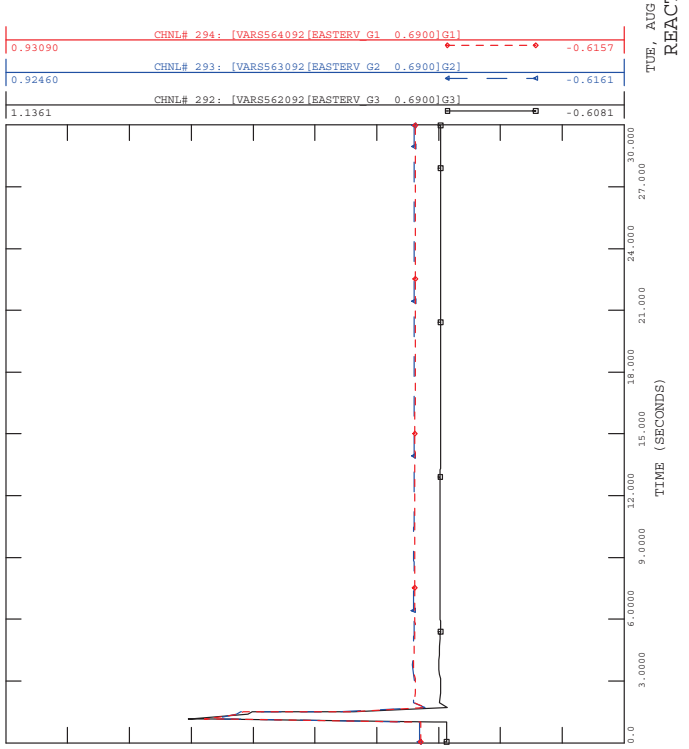
TUE, AUG 13 2024 7:57 ACTIVE POWER



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_01_749L_KILLARNEY

FILE: Scn4_2028SP_01_749L_Killarney.out

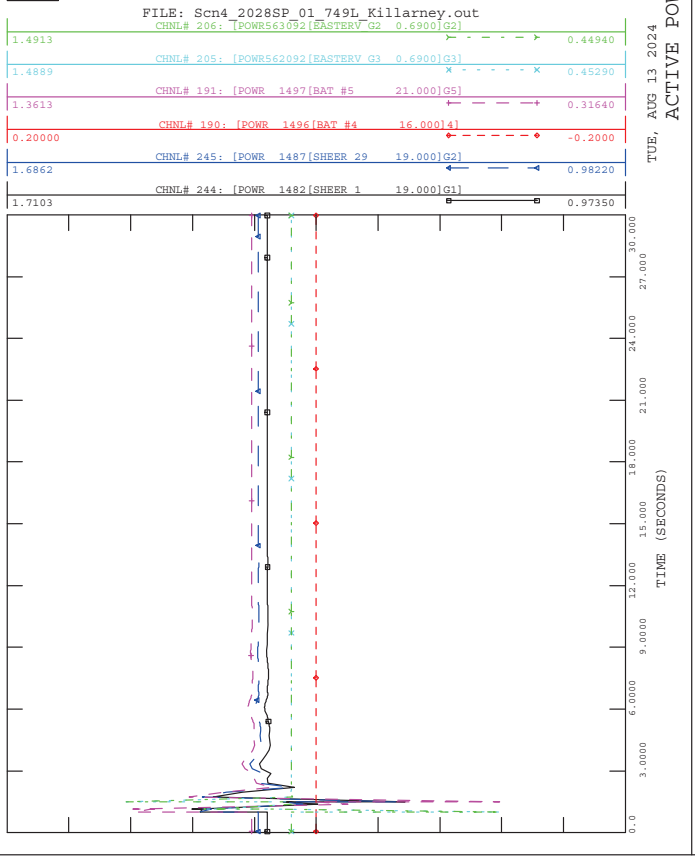
TUE, AUG 13 2024 7:57 REACTIVE POWER



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_01_749L_KILLARNEY

FILE: Scn4_2028SP_01_749L_Killarney.out

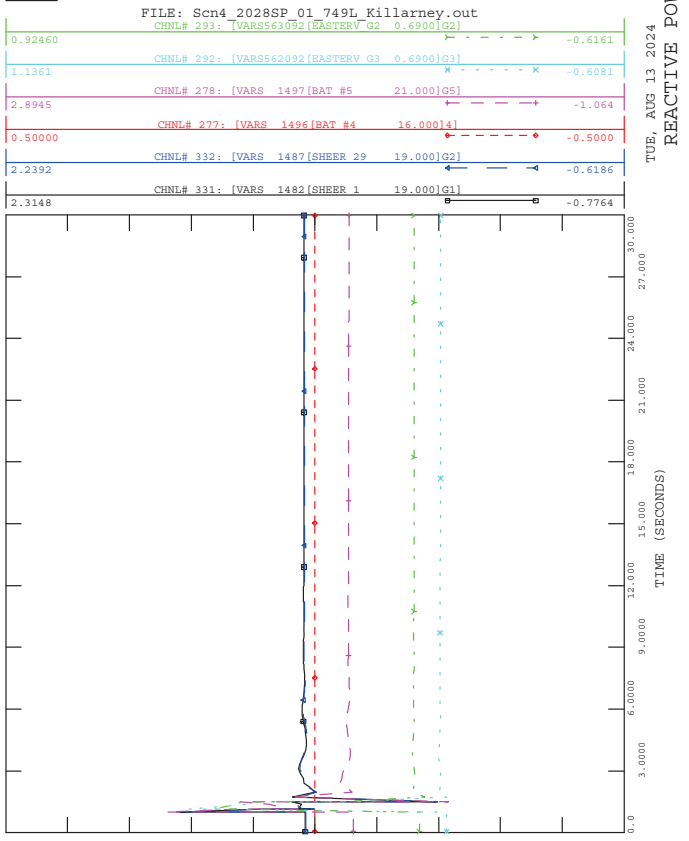
TUE, AUG 13 2024 7:57 ACTIVE POWER

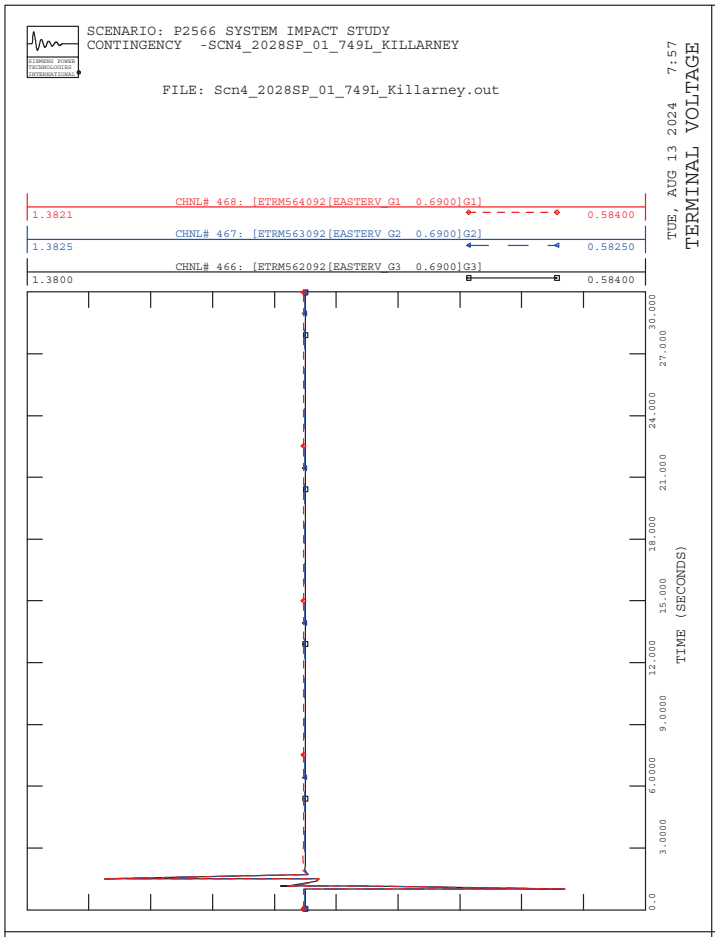


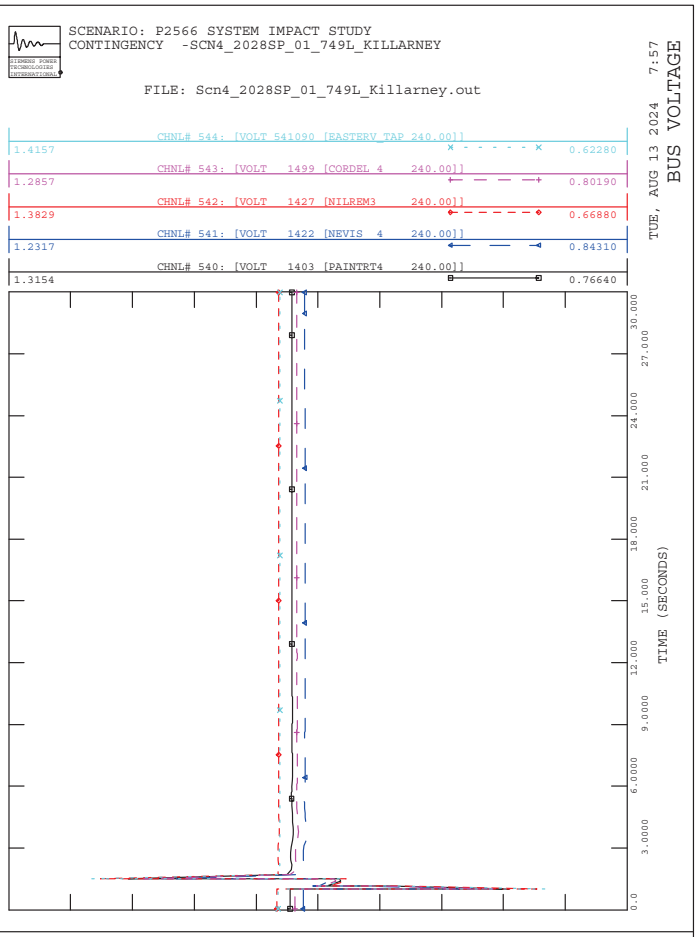
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_01_749L_KILLARNEY

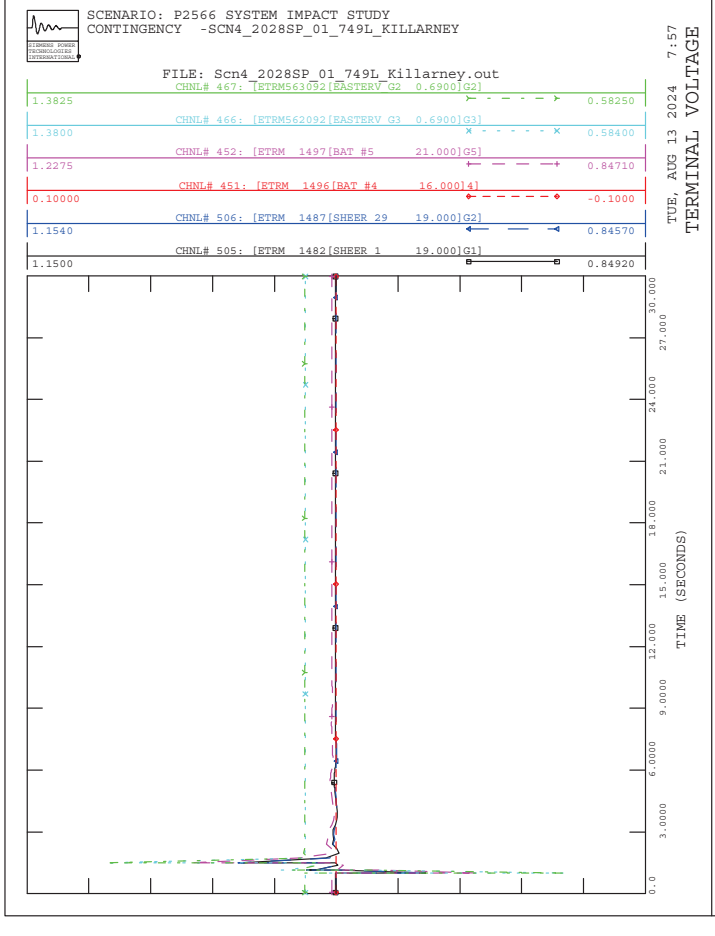
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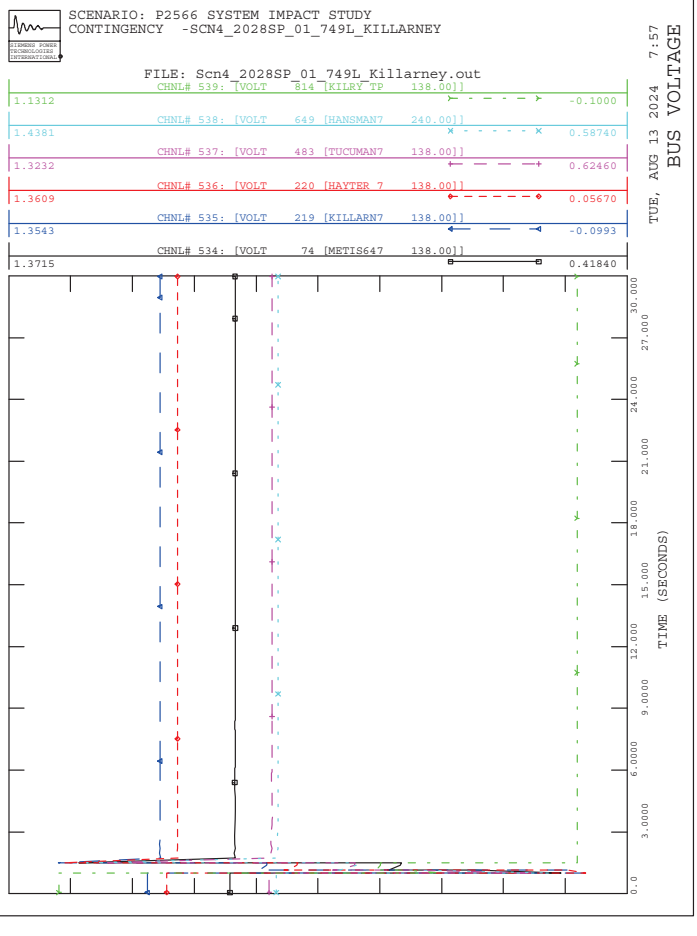
TUE, AUG 13 2024 7:57 REACTIVE POWER

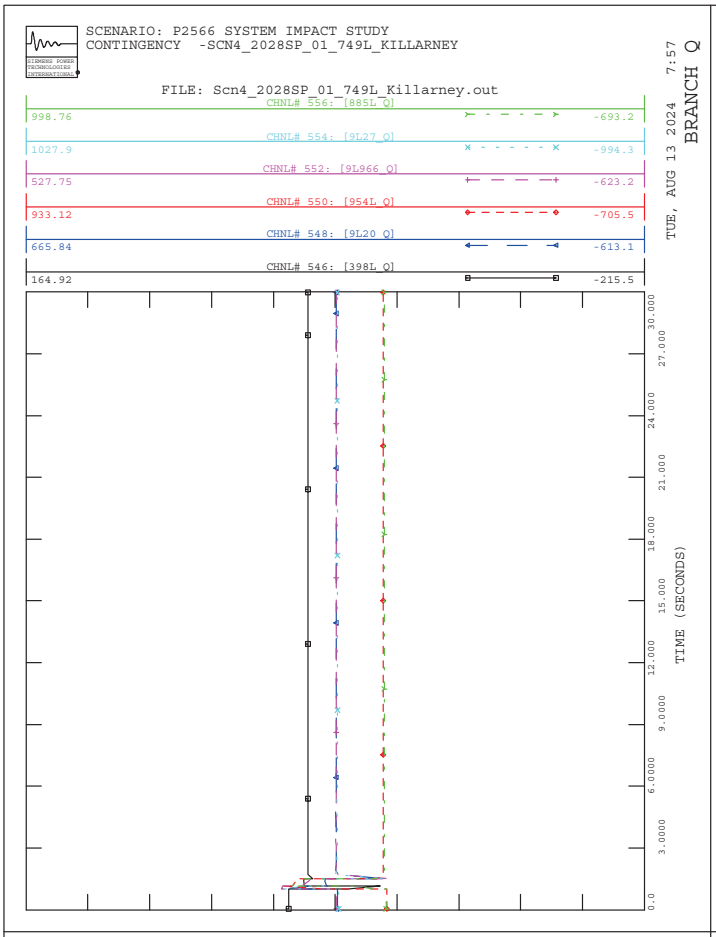


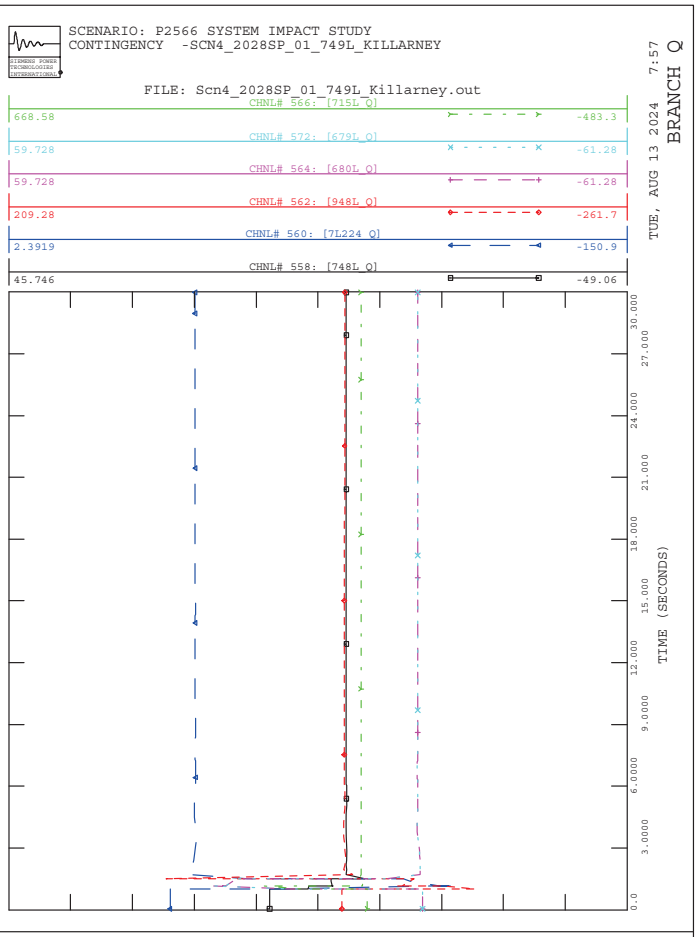

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_01_749L_KILLARNEY
FILE: Scn4_2028SP_01_749L_Killarney.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.3821
0.58400
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3825
0.58250
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3800
0.58400
TIME (SECONDS)
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3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

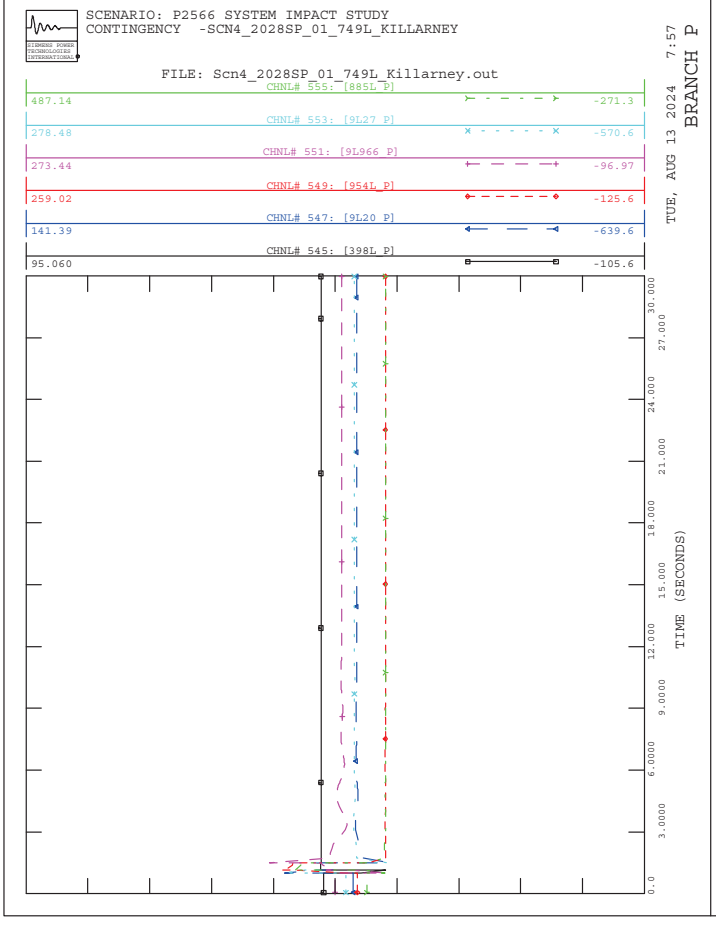

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_01_749L_KILLARNEY
FILE: Scn4_2028SP_01_749L_Killarney.out
TUE, AUG 13 2024 7:57
BUS VOLTAGE
CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.4157
0.62280
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2857
0.80190
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3829
0.66880
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2317
0.84310
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3154
0.76640
TIME (SECONDS)
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3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
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30.000

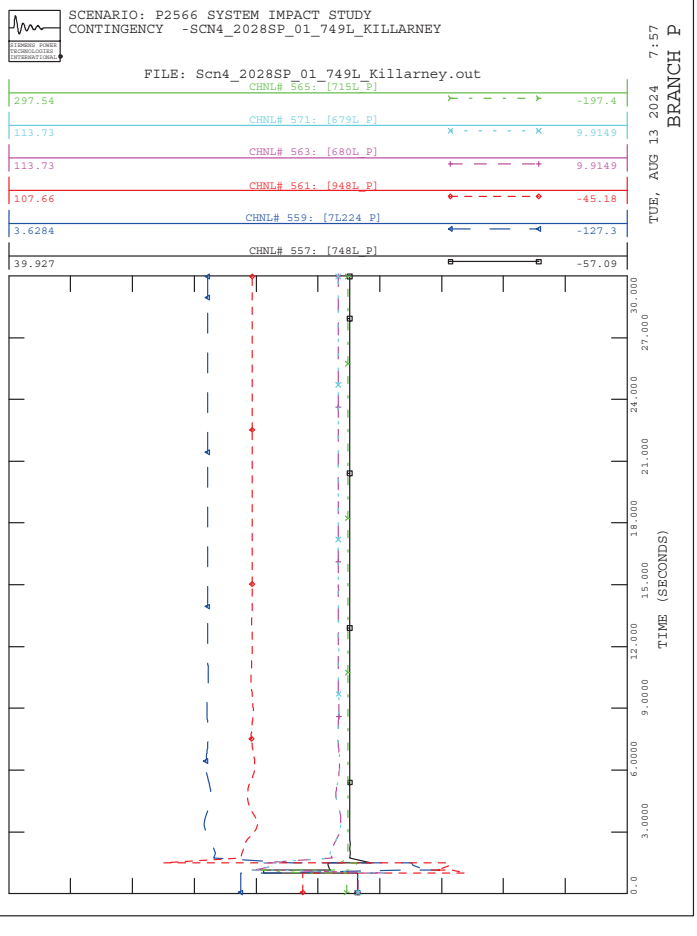

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_01_749L_KILLARNEY
FILE: Scn4_2028SP_01_749L_Killarney.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3825
0.58250
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3800
0.58400
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2275
0.84710
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000
-0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1540
0.84570
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1500
0.84920
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_01_749L_KILLARNEY
FILE: Scn4_2028SP_01_749L_Killarney.out
TUE, AUG 13 2024 7:57
BUS VOLTAGE
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.1312
-0.1000
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4381
0.58740
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3232
0.62460
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.3609
0.05670
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.3543
-0.0993
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.3715
0.41840
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_01_749L_KILLARNEY
FILE: Scn4_2028SP_01_749L_Killarney.out
CHNL# 556: [885L Q]
998.76
-693.2
CHNL# 554: [9L27 Q]
1027.9
-994.3
CHNL# 552: [9L966 Q]
527.75
-623.2
CHNL# 550: [954L Q]
933.12
-705.5
CHNL# 548: [9L20 Q]
665.84
-613.1
CHNL# 546: [398L Q]
164.92
-215.5
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_01_749L_KILLARNEY
FILE: Scn4_2028SP_01_749L_Killarney.out
CHNL# 566: [715L Q]
668.58
-483.3
CHNL# 572: [679L Q]
59.728
-61.28
CHNL# 564: [680L Q]
59.728
-61.28
CHNL# 562: [948L Q]
209.28
-261.7
CHNL# 560: [7L224 Q]
2.3919
-150.9
CHNL# 558: [748L Q]
45.746
-49.06
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_01_749L_KILLARNEY
FILE: Scn4_2028SP_01_749L_Killarney.out
CHNL# 555: [885L P]
487.14
-271.3
CHNL# 553: [9L27 P]
278.48
-570.6
CHNL# 551: [9L966 P]
273.44
-96.97
CHNL# 549: [954L P]
259.02
-125.6
CHNL# 547: [9L20 P]
141.39
-639.6
CHNL# 545: [398L P]
95.060
-105.6
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_01_749L_KILLARNEY
FILE: Scn4_2028SP_01_749L_Killarney.out
CHNL# 565: [715L P]
297.54
-197.4
CHNL# 571: [679L P]
113.73
9.9149
CHNL# 563: [680L P]
113.73
9.9149
CHNL# 561: [948L P]
107.66
-45.18
CHNL# 559: [7L224 P]
3.6284
-127.3
CHNL# 557: [748L P]
39.927
-57.09
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
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3.0000
6.0000
9.0000
12.000
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18.000
21.000
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30.000

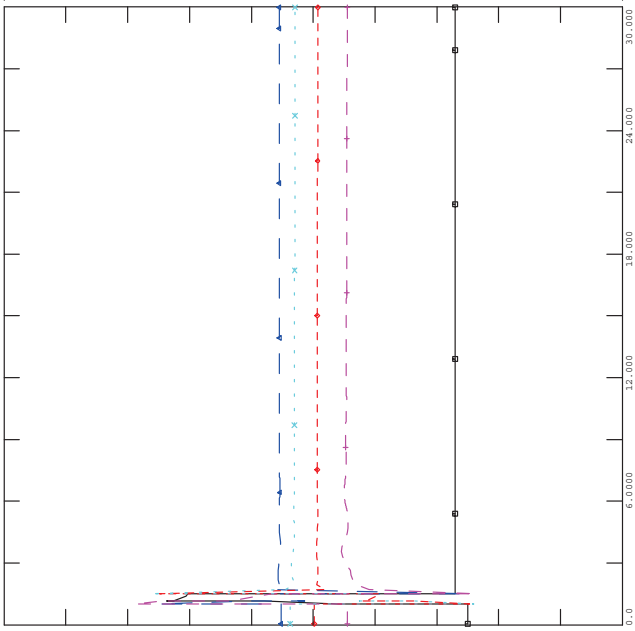
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_01_749L_KILLARNEY

FILE: Scn4_2028SP_01_749L_Killarney.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16_Q]
409.31 -357.5
CHNL# 576: [9L59_Q]
139.47 -15.15
CHNL# 574: [953L_Q]
340.45 -376.7
CHNL# 570: [1047L_Q]
345.97 -295.5
CHNL# 568: [749L_Q]
818.80 -303.6



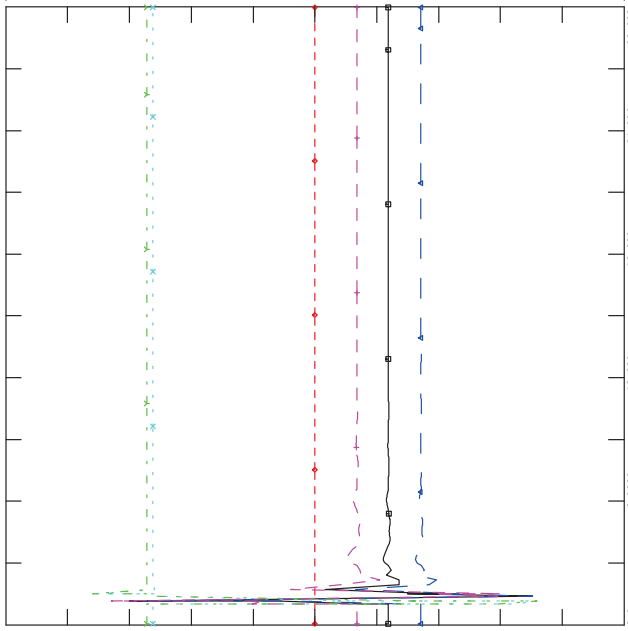
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_02_749L_METISKOW

FILE: Scn4_2028SP_02_749L_Metiskow.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563052[EASTERV_G2 0.6900]G2]
1.3366 -0.0828
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3]
1.3358 -0.0246
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.5296 0.50530
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000 -0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
2.1700 1.0232
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
2.1193 0.95660



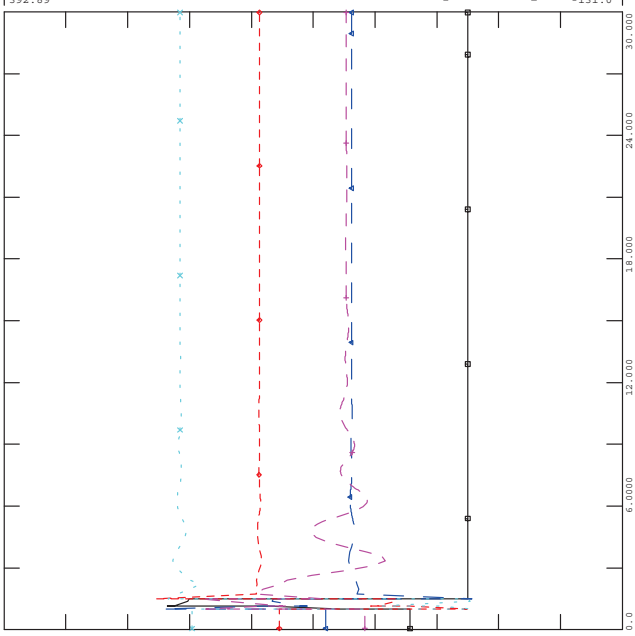
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_01_749L_KILLARNEY

FILE: Scn4_2028SP_01_749L_Killarney.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P]
80.080 -119.8
CHNL# 575: [9L59_P]
-2.563 -124.3
CHNL# 573: [953L_P]
283.95 -49.00
CHNL# 569: [1047L_P]
-31.47 -447.7
CHNL# 567: [749L_P]
392.89 -131.0



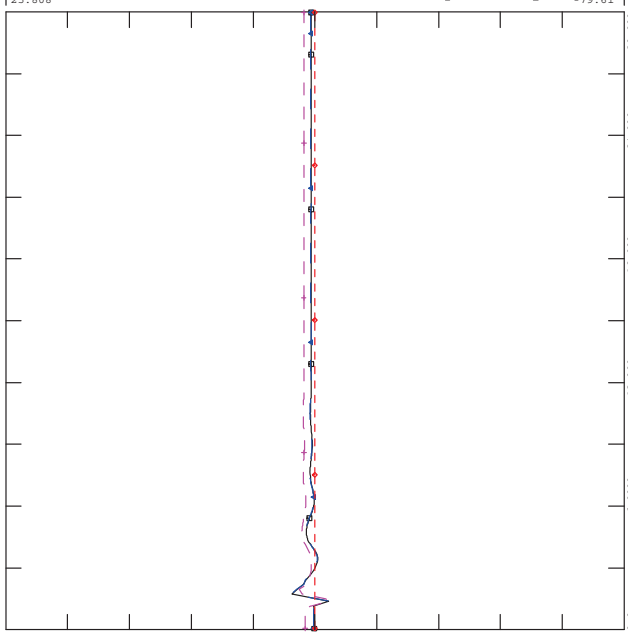
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_02_749L_METISKOW

FILE: Scn4_2028SP_02_749L_Metiskow.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
20.397 -84.48
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000 -50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
28.900 -76.85
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
25.808 -79.61



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_02_749L_METISKOW

FILE: Scn4_2028SP_02_749L_Metiskow.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV_G2 0.6900]G2]
1.7236 -0.7682

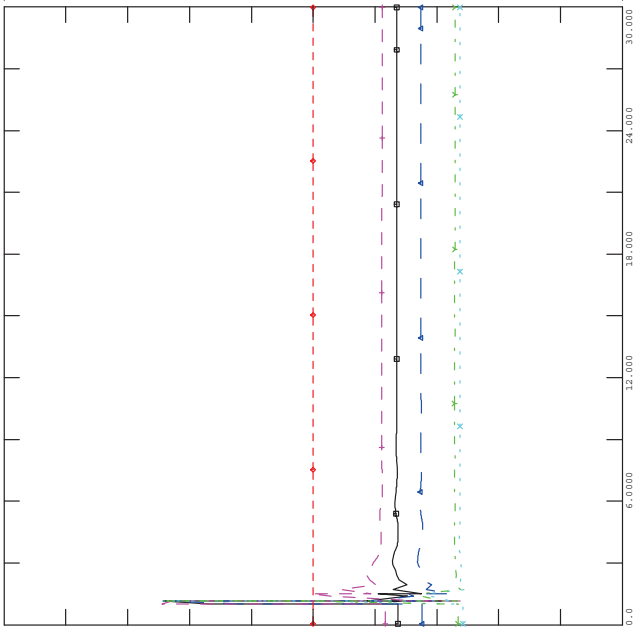
CHNL# 292: [VARS562092[EASTERV_G3 0.6900]G3]
2.3492 -0.9601

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
4.0117 -1.411

CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000 -0.5000

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
3.2361 -0.2902

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
3.1439 -0.5099



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_02_749L_METISKOW

FILE: Scn4_2028SP_02_749L_Metiskow.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV_G2 0.6900]G2]
1.4548 0.31390

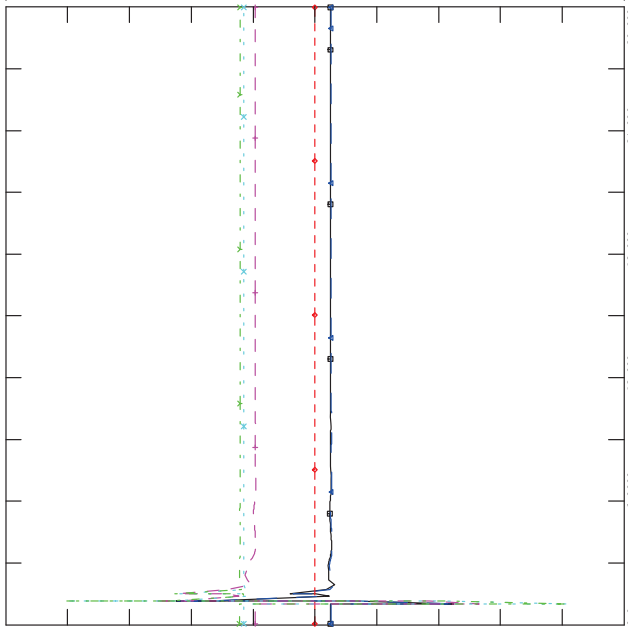
CHNL# 466: [ETRM562092[EASTERV_G3 0.6900]G3]
1.4627 0.31640

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2167 0.77850

CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2199 0.80210

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.2121 0.80820



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_02_749L_METISKOW

FILE: Scn4_2028SP_02_749L_Metiskow.out

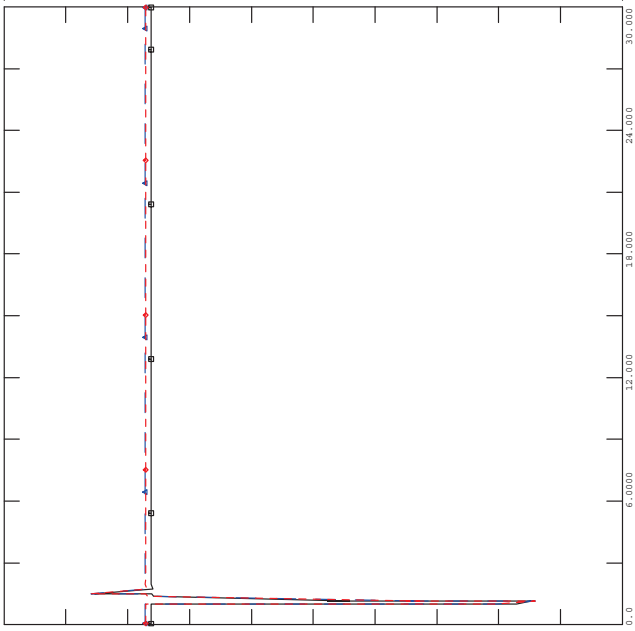
TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV_G1 0.6900]G1]
1.3365 -0.0812

CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2]
1.3366 -0.0828

CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3]
1.3358 -0.0246



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_02_749L_METISKOW

FILE: Scn4_2028SP_02_749L_Metiskow.out

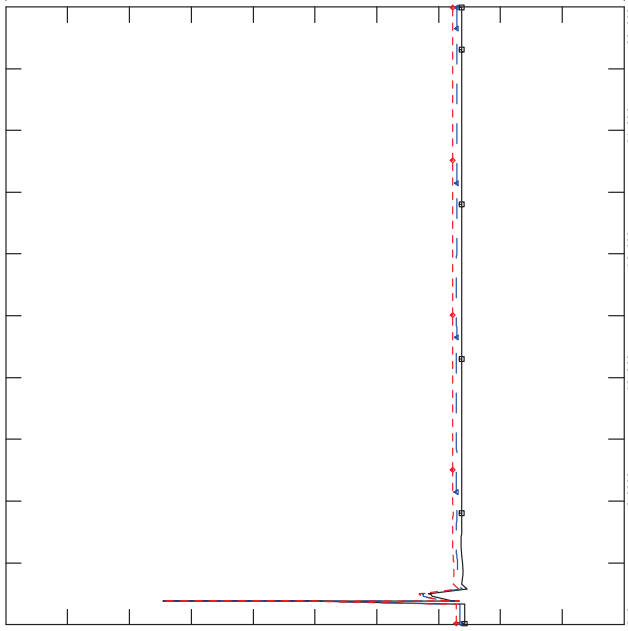
TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV_G1 0.6900]G1]
1.7333 -0.7931

CHNL# 293: [VARS563092[EASTERV_G2 0.6900]G2]
1.7236 -0.7682

CHNL# 292: [VARS562092[EASTERV_G3 0.6900]G3]
2.3492 -0.9601



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_02_749L_METISKOW

FILE: Scn4_2028SP_02_749L_Metiskow.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.1313 -0.1000

CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.3827 0.27980

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.2696 0.38380

CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.1885 -0.0300

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.1701 -0.0363

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.2530 -0.0896

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_02_749L_METISKOW

FILE: Scn4_2028SP_02_749L_Metiskow.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
264.62 -205.6

CHNL# 553: [9L27 P]
348.85 -575.8

CHNL# 551: [9L966 P]
821.08 -548.3

CHNL# 549: [954L P]
246.03 -162.6

CHNL# 547: [9L20 P]
277.27 -712.9

CHNL# 545: [398L P]
237.80 -326.5

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_02_749L_METISKOW

FILE: Scn4_2028SP_02_749L_Metiskow.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.4575 0.31490

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4548 0.31390

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4627 0.31640

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_02_749L_METISKOW

FILE: Scn4_2028SP_02_749L_Metiskow.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.3798 0.34620

CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2740 0.68430

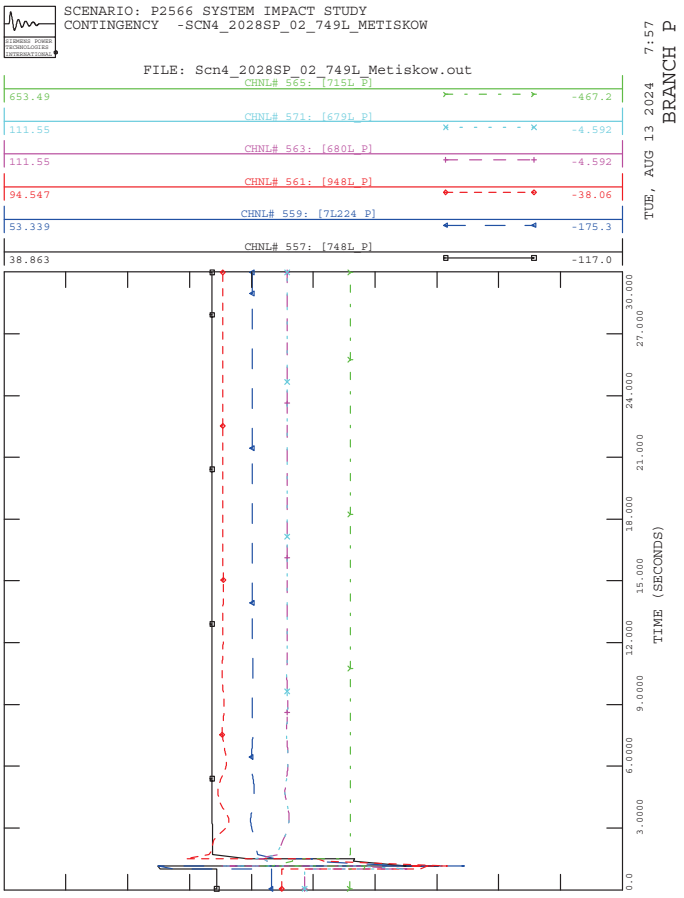
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3396 0.42830

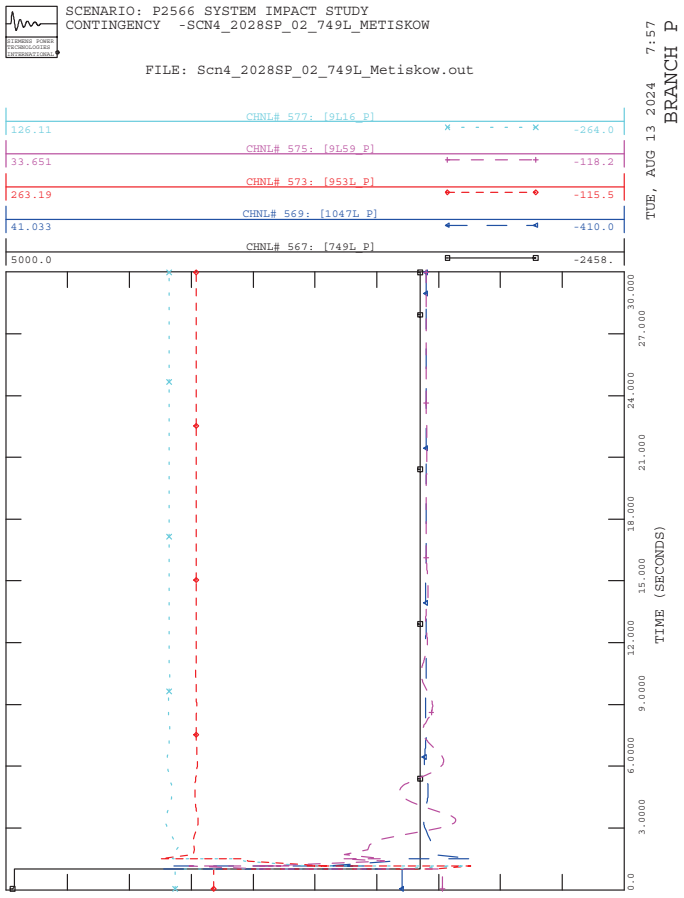
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2314 0.76560

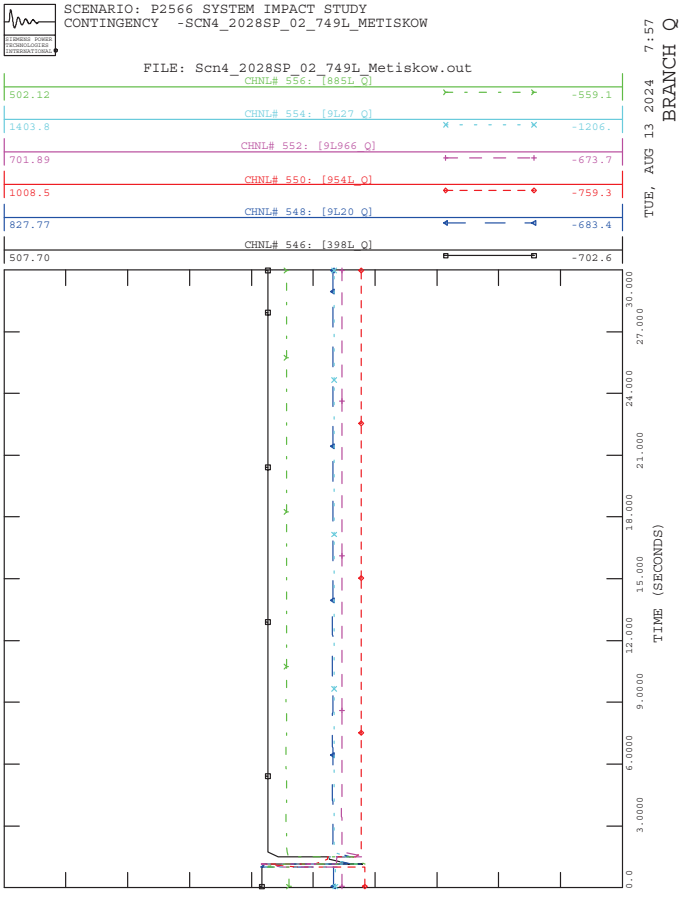
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2967 0.61430

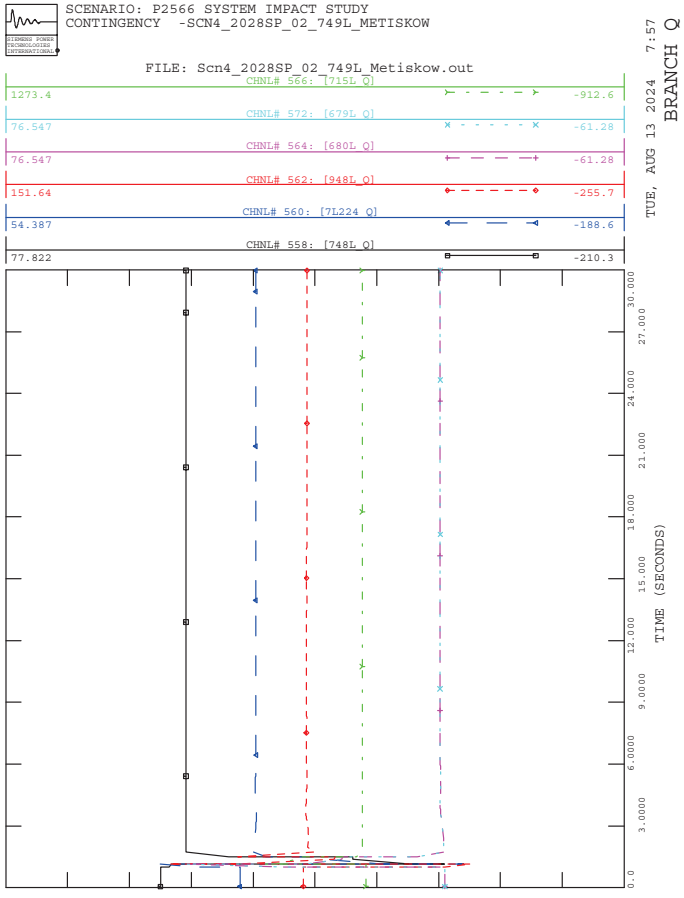
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_02_749L_METISKOW
FILE: Scn4_2028SP_02_749L_Metiskow.out
CHNL# 565: [715L P]
653.49
-467.2
CHNL# 571: [679L P]
111.55
-4.592
CHNL# 563: [680L P]
111.55
-4.592
CHNL# 561: [948L P]
94.547
-38.06
CHNL# 559: [7L224 P]
53.339
-175.3
CHNL# 557: [748L P]
38.863
-117.0
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_02_749L_METISKOW
FILE: Scn4_2028SP_02_749L_Metiskow.out
CHNL# 577: [9L16 P]
126.11
-264.0
CHNL# 575: [9L59 P]
33.651
-118.2
CHNL# 573: [953L P]
263.19
-115.5
CHNL# 569: [1047L P]
41.033
-410.0
CHNL# 567: [749L P]
5000.0
-2458.
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_02_749L_METISKOW
FILE: Scn4_2028SP_02_749L_Metiskow.out
CHNL# 556: [885L Q]
502.12
-559.1
CHNL# 554: [9L27 Q]
1403.8
-1206.
CHNL# 552: [9L966 Q]
701.89
-673.7
CHNL# 550: [954L Q]
1008.5
-759.3
CHNL# 548: [9L20 Q]
827.77
-683.4
CHNL# 546: [398L Q]
507.70
-702.6
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

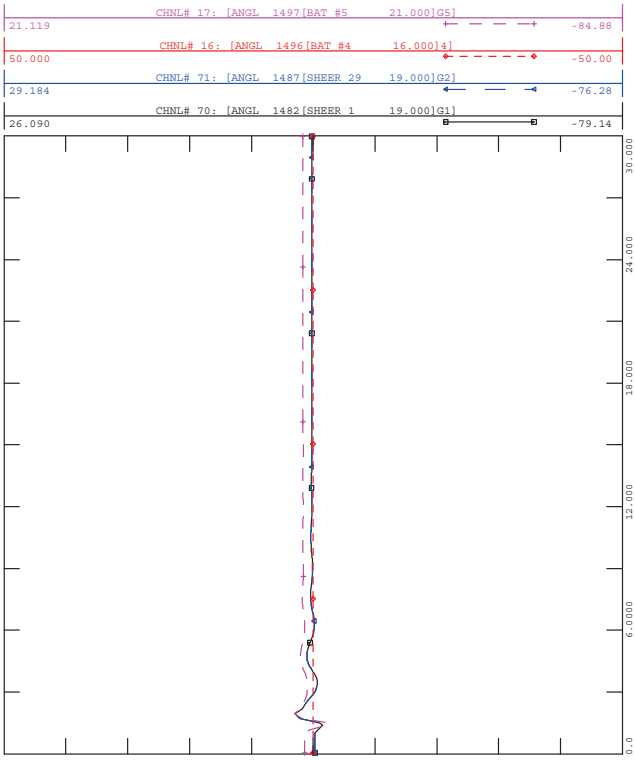

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_02_749L_METISKOW
FILE: Scn4_2028SP_02_749L_Metiskow.out
CHNL# 566: [715L Q]
1273.4
-912.6
CHNL# 572: [679L Q]
76.547
-61.28
CHNL# 564: [680L Q]
76.547
-61.28
CHNL# 562: [948L Q]
151.64
-255.7
CHNL# 560: [7L224 Q]
54.387
-188.6
CHNL# 558: [748L Q]
77.822
-210.3
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_03_749L_EDGERTON

FILE: Scn4_2028SP_03_749L_Edgerton.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

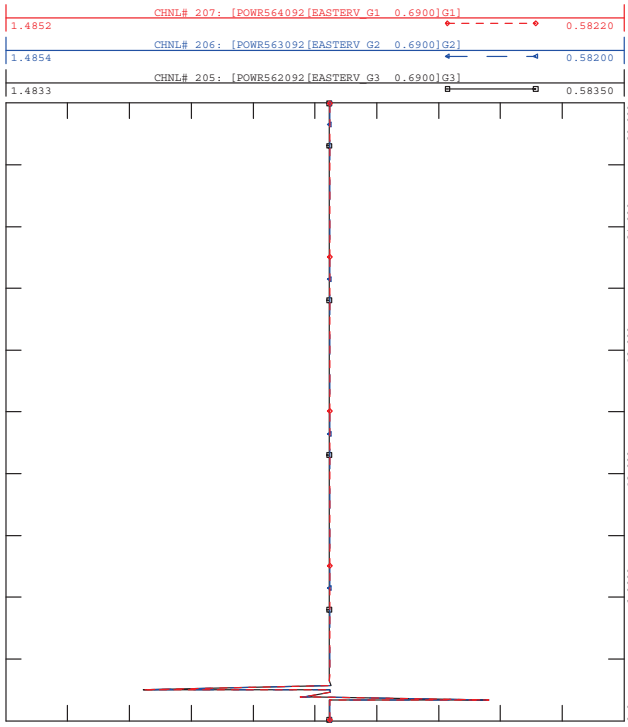


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_03_749L_EDGERTON

FILE: Scn4_2028SP_03_749L_Edgerton.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

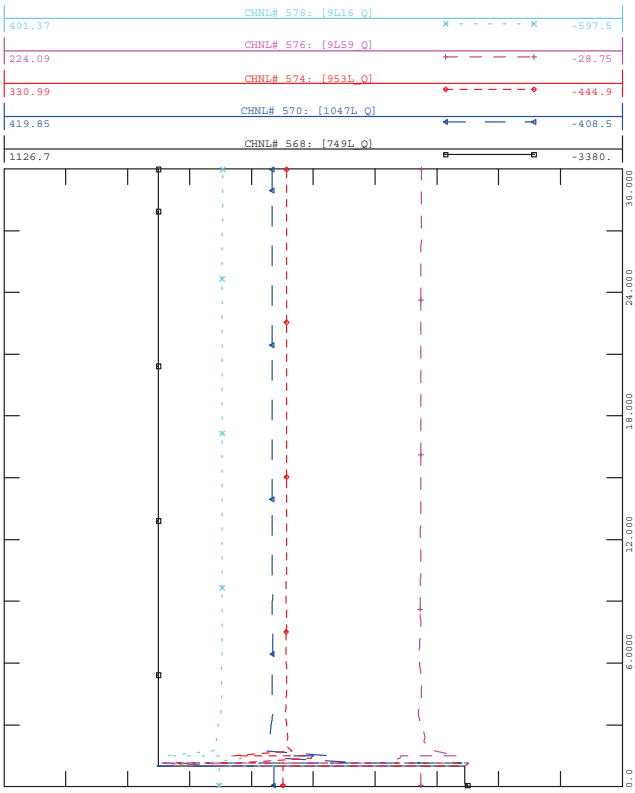


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_02_749L_METISKOW

FILE: Scn4_2028SP_02_749L_Metiskow.out

TUE, AUG 13 2024 7:57

BRANCH Q

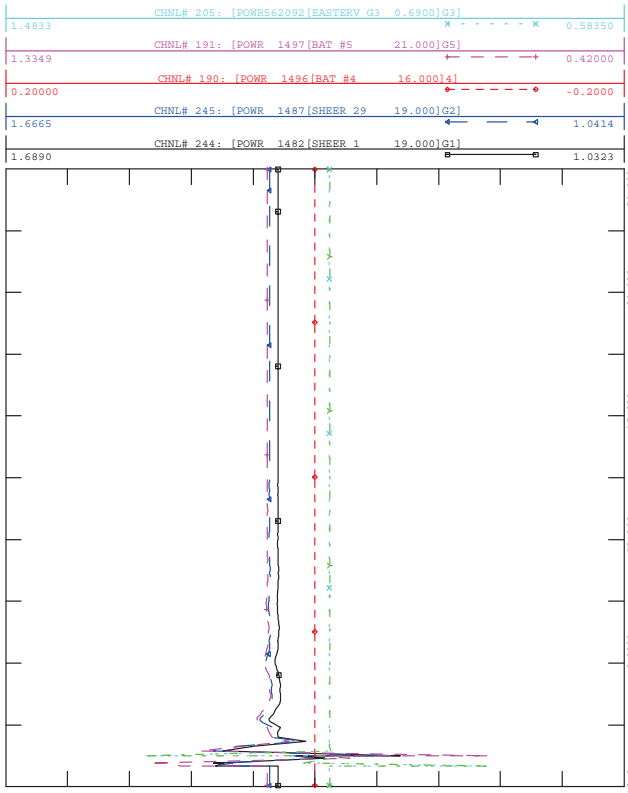


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_03_749L_EDGERTON

FILE: Scn4_2028SP_03_749L_Edgerton.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

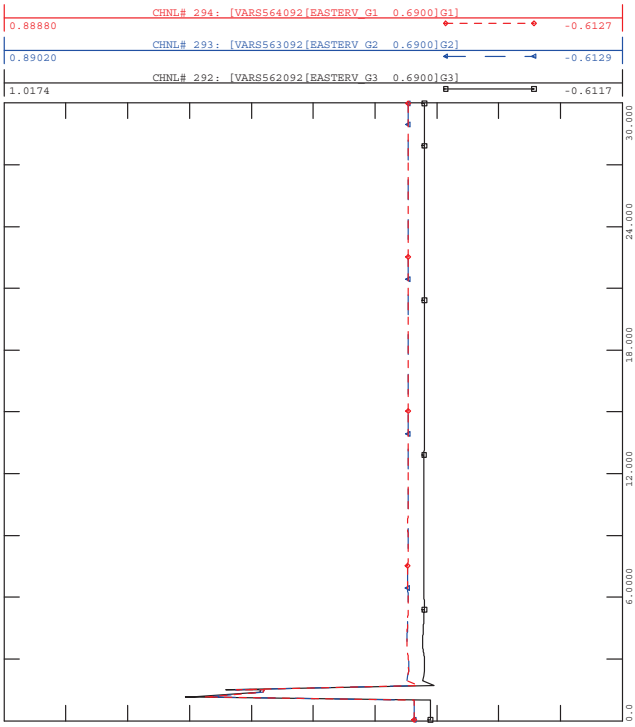


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_03_749L_EDGERTON

FILE: Scn4_2028SP_03_749L_Edgerton.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

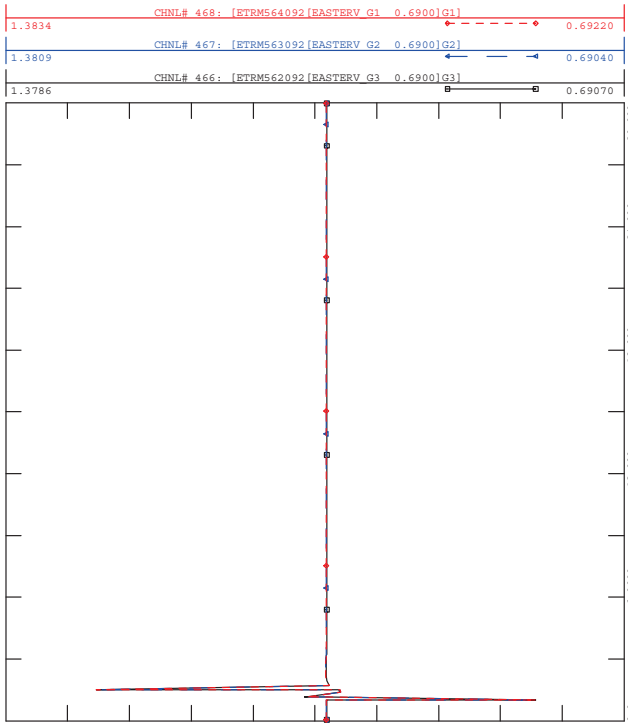


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_03_749L_EDGERTON

FILE: Scn4_2028SP_03_749L_Edgerton.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

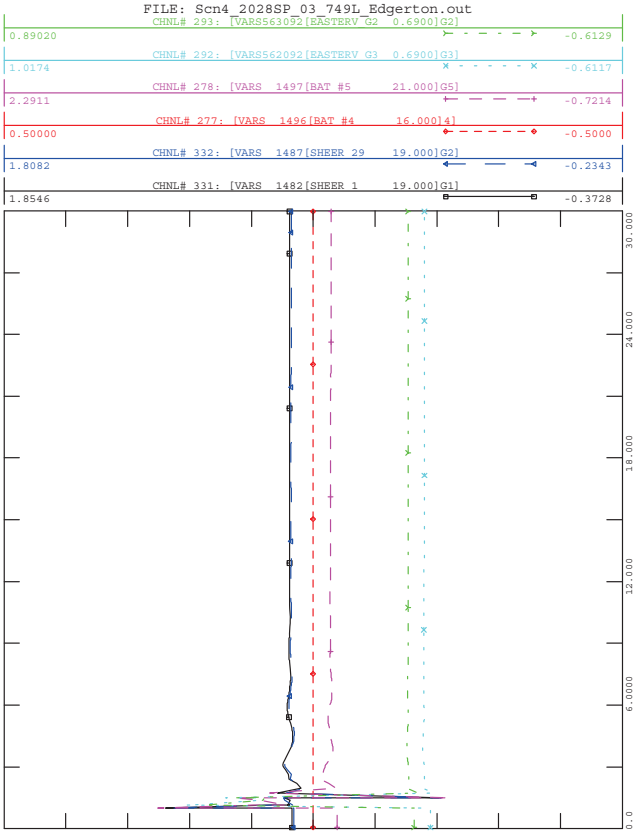


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_03_749L_EDGERTON

FILE: Scn4_2028SP_03_749L_Edgerton.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

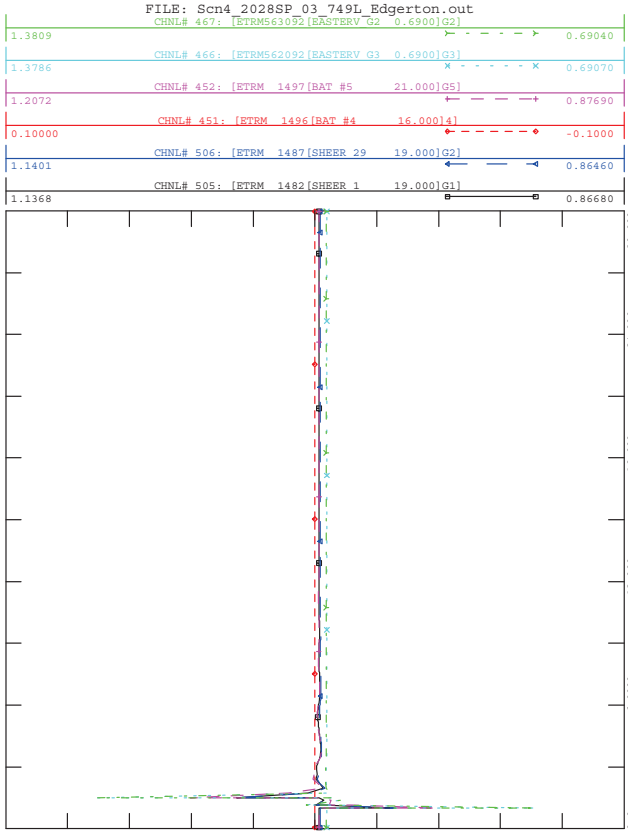


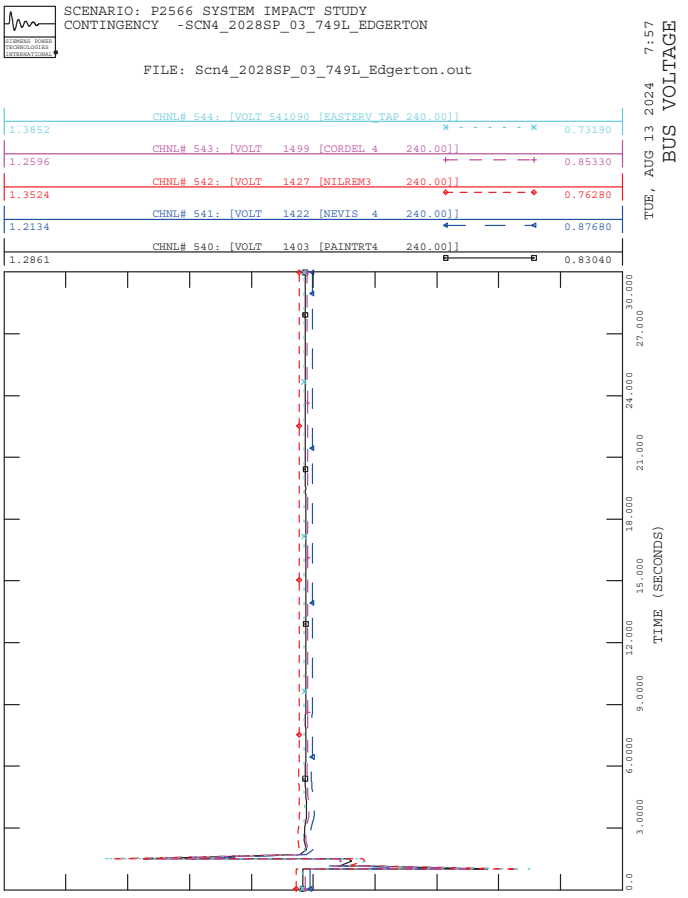
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_03_749L_EDGERTON

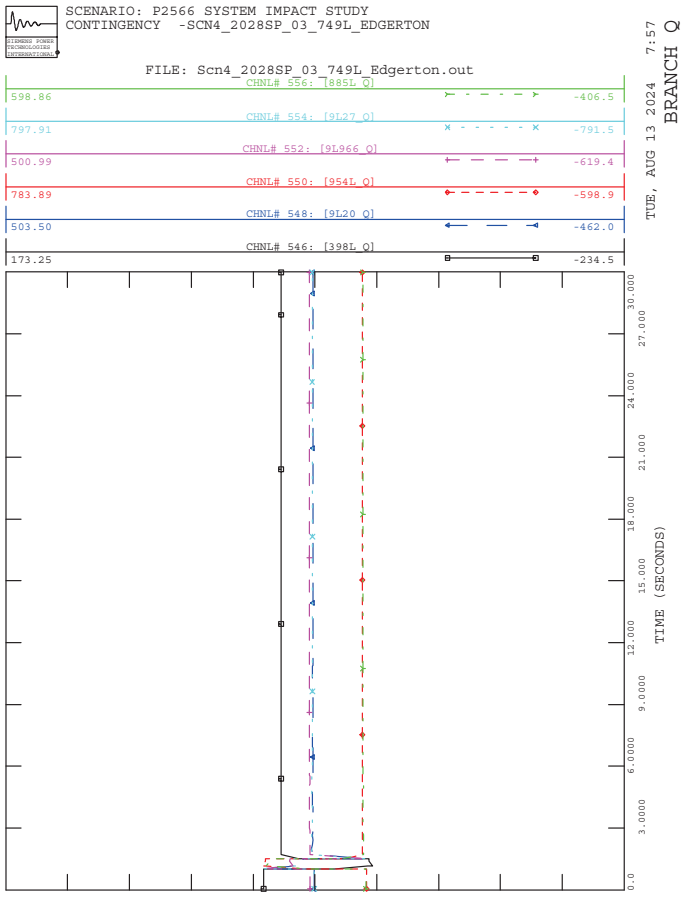
FILE: Scn4_2028SP_03_749L_Edgerton.out

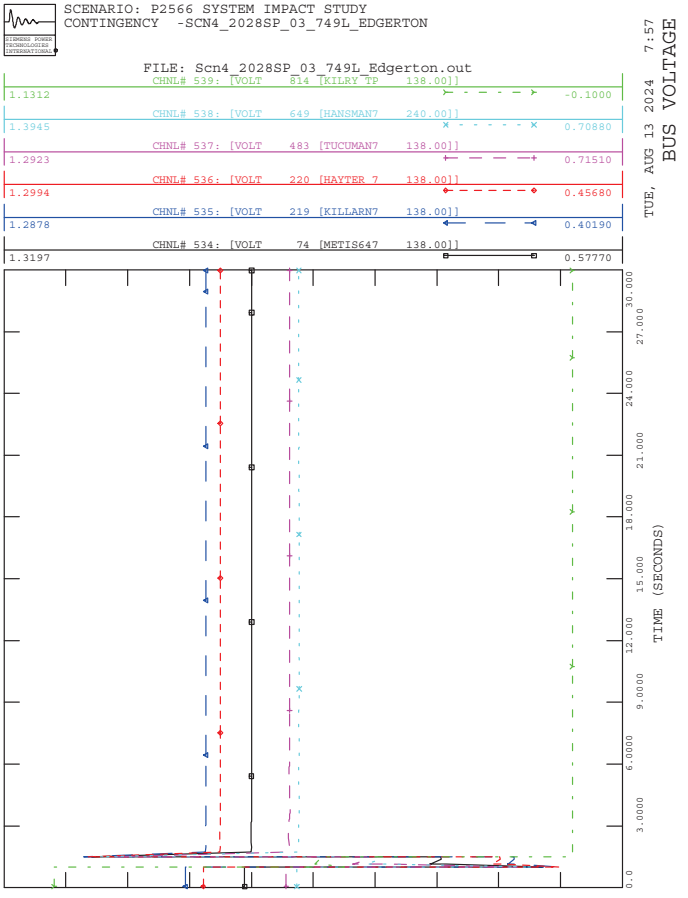
TUE, AUG 13 2024 7:57

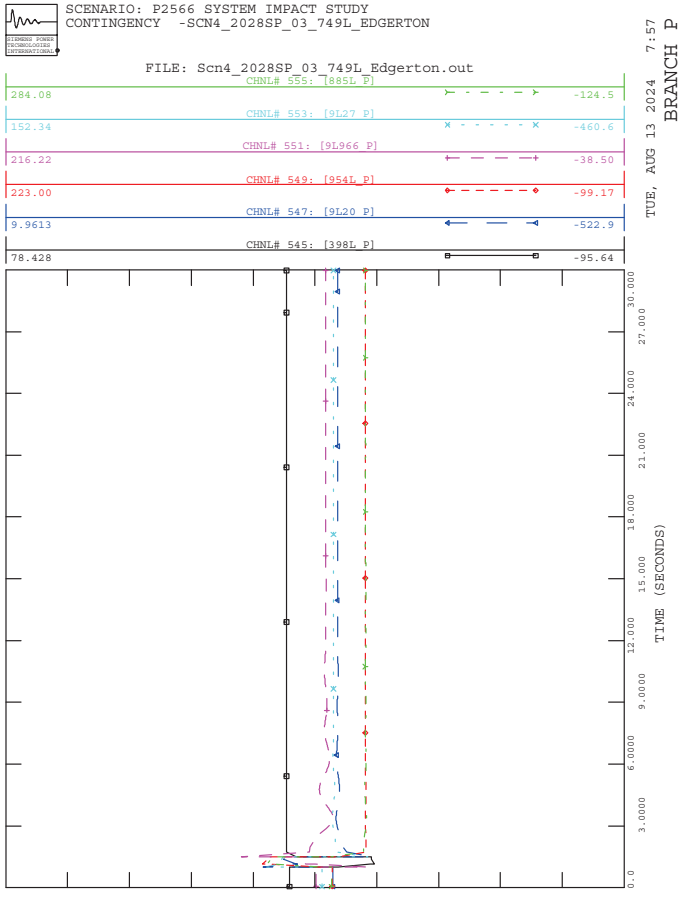
TERMINAL VOLTAGE

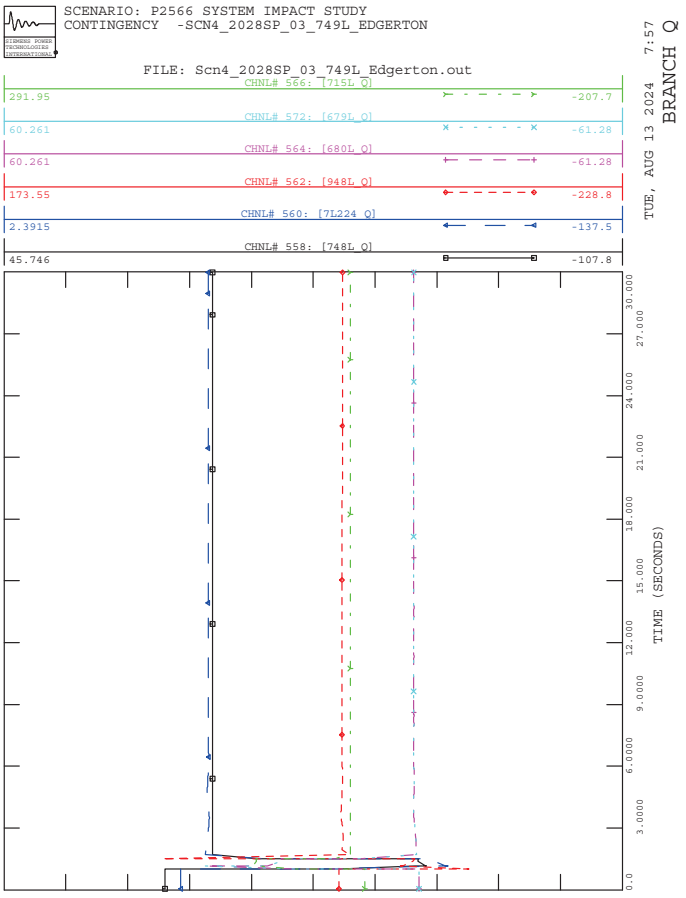


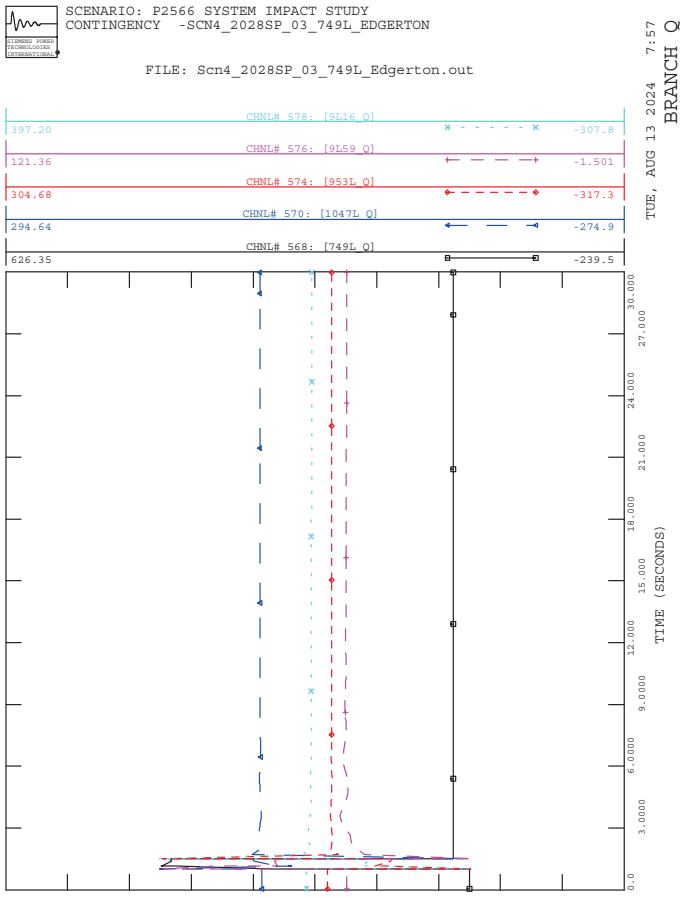

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_03_749L_EDGERTON
FILE: Scn4_2028SP_03_749L_Edgerton.out
CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.3852
0.73190
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2596
0.85330
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3524
0.76280
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2134
0.87680
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2861
0.83040
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
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3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

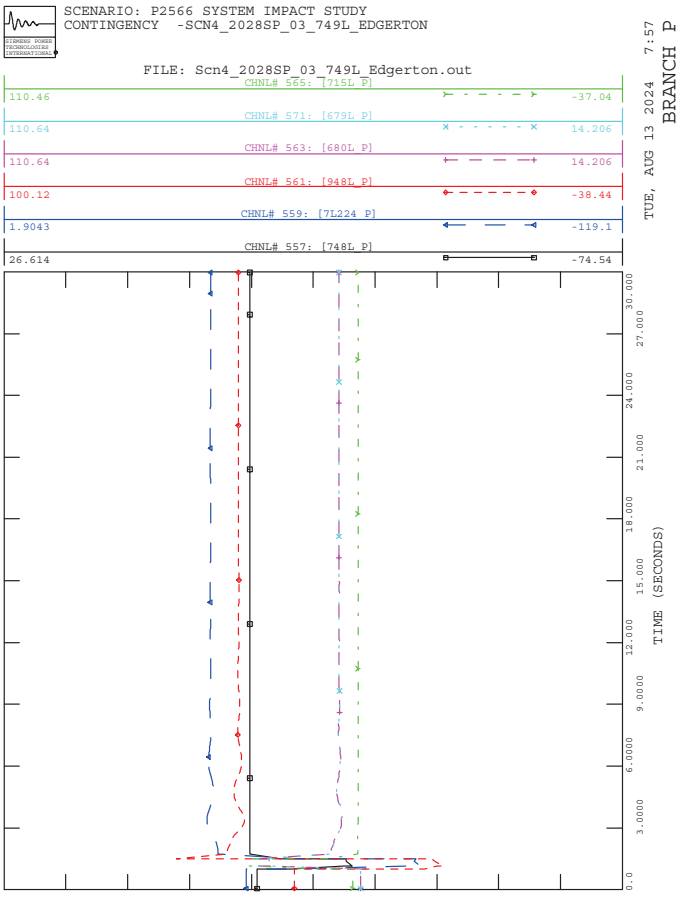

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_03_749L_EDGERTON
FILE: Scn4_2028SP_03_749L_Edgerton.out
CHNL# 556: [885L Q]
598.86
-406.5
CHNL# 554: [9L27 Q]
797.91
-791.5
CHNL# 552: [9L966 Q]
500.99
-619.4
CHNL# 550: [954L Q]
783.89
-598.9
CHNL# 548: [9L20 Q]
503.50
-462.0
CHNL# 546: [398L Q]
173.25
-234.5
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

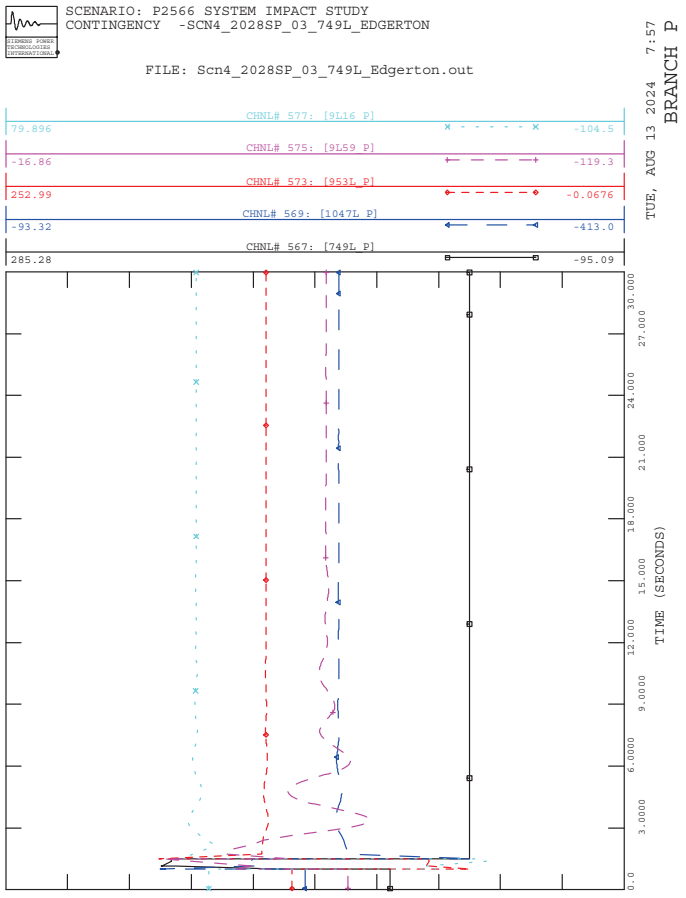

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_03_749L_EDGERTON
FILE: Scn4_2028SP_03_749L_Edgerton.out
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.1312
-0.1000
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.3945
0.70880
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.2923
0.71510
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.2994
0.45680
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.2878
0.40190
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.3197
0.57770
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
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3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

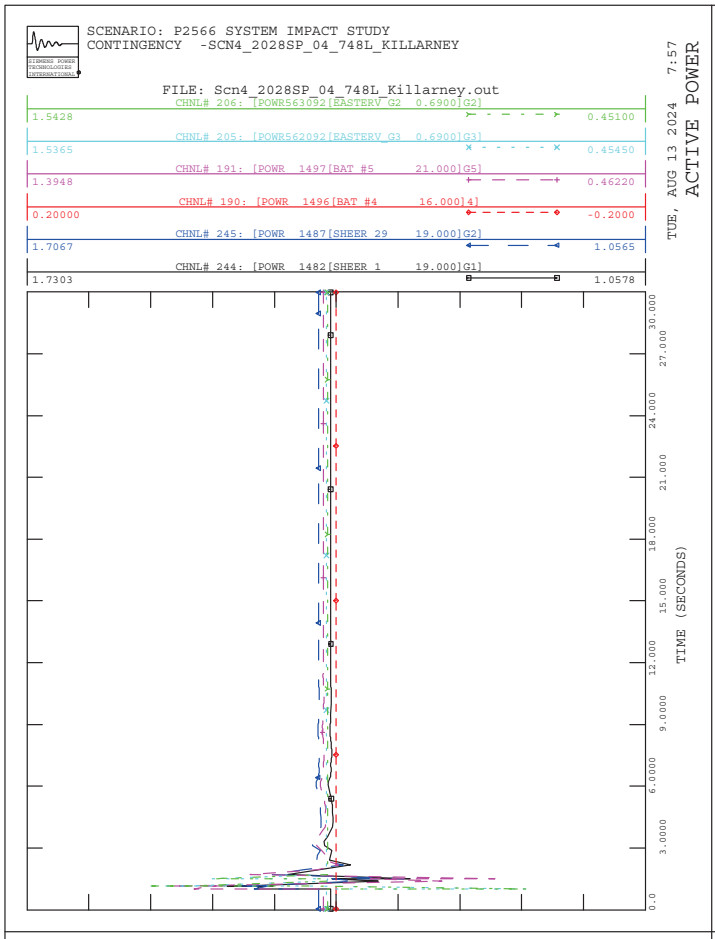

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_03_749L_EDGERTON
FILE: Scn4_2028SP_03_749L_Edgerton.out
CHNL# 555: [885L P]
284.08
-124.5
CHNL# 553: [9L27 P]
152.34
-460.6
CHNL# 551: [9L966 P]
216.22
-38.50
CHNL# 549: [954L P]
223.00
-99.17
CHNL# 547: [9L20 P]
9.9613
-522.9
CHNL# 545: [398L P]
78.428
-95.64
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

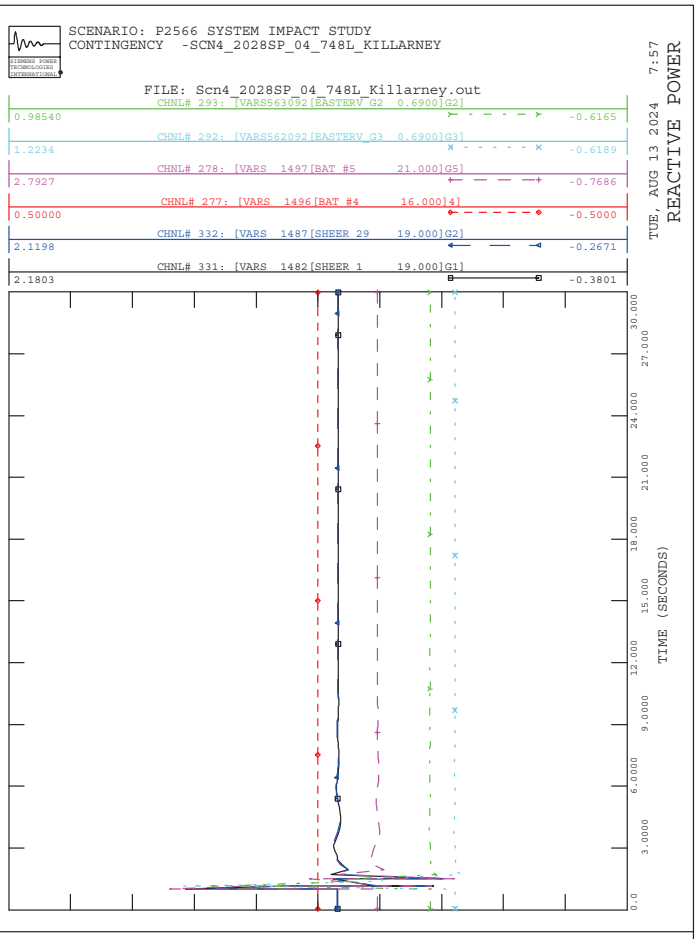

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_03_749L_EDGERTON
FILE: Scn4_2028SP_03_749L_Edgerton.out
CHNL# 566: [715L Q]
291.95
-207.7
CHNL# 572: [679L Q]
60.261
-61.28
CHNL# 564: [680L Q]
60.261
-61.28
CHNL# 562: [948L Q]
173.55
-228.8
CHNL# 560: [7L224 Q]
2.3915
-137.5
CHNL# 558: [748L Q]
45.746
-107.8
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

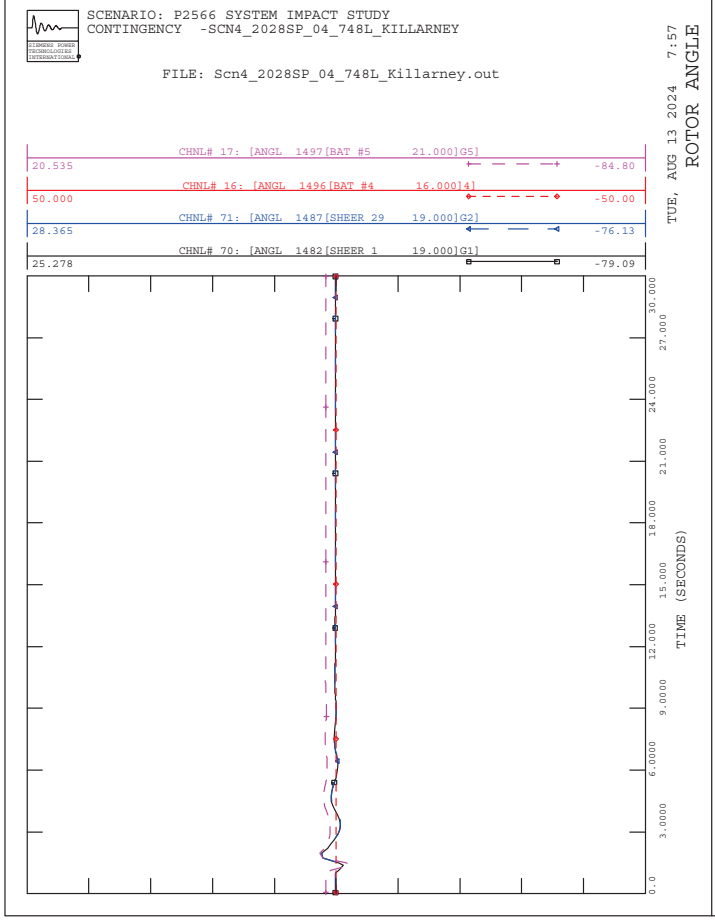

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_03_749L_EDGERTON
FILE: Scn4_2028SP_03_749L_Edgerton.out
CHNL# 578: [9L16 Q]
397.20
-307.8
CHNL# 576: [9L59 Q]
121.36
-1.501
CHNL# 574: [953L Q]
304.68
-317.3
CHNL# 570: [1047L Q]
294.64
-274.9
CHNL# 568: [749L Q]
626.35
-239.5
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

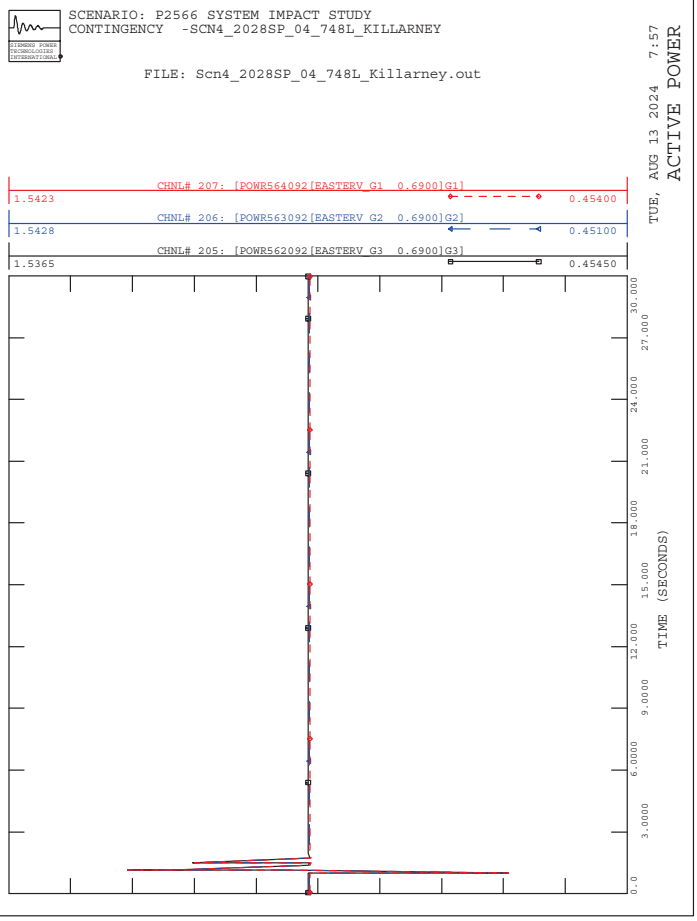

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_03_749L_EDGERTON
FILE: Scn4_2028SP_03_749L_Edgerton.out
CHNL# 565: [715L P]
110.46
-37.04
CHNL# 571: [679L P]
110.64
14.206
CHNL# 563: [680L P]
110.64
14.206
CHNL# 561: [948L P]
100.12
-38.44
CHNL# 559: [7L224 P]
1.9043
-119.1
CHNL# 557: [748L P]
26.614
-74.54
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

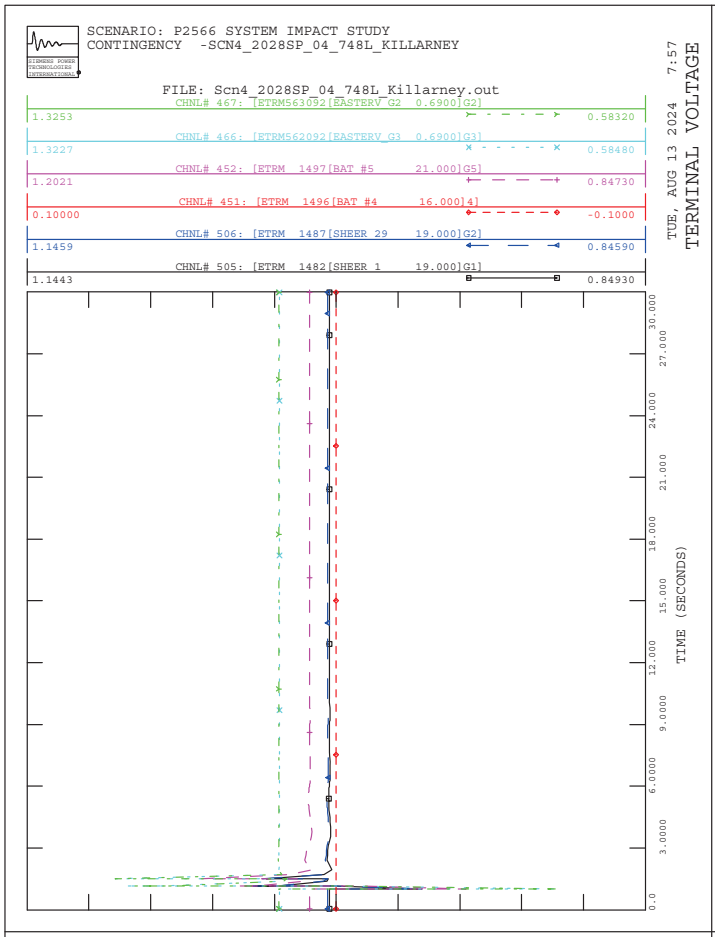

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_03_749L_EDGERTON
FILE: Scn4_2028SP_03_749L_Edgerton.out
CHNL# 577: [9L16 P]
79.896
-104.5
CHNL# 575: [9L59 P]
-16.86
-119.3
CHNL# 573: [953L P]
252.99
-0.0676
CHNL# 569: [1047L P]
-93.32
-413.0
CHNL# 567: [749L P]
285.28
-95.09
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

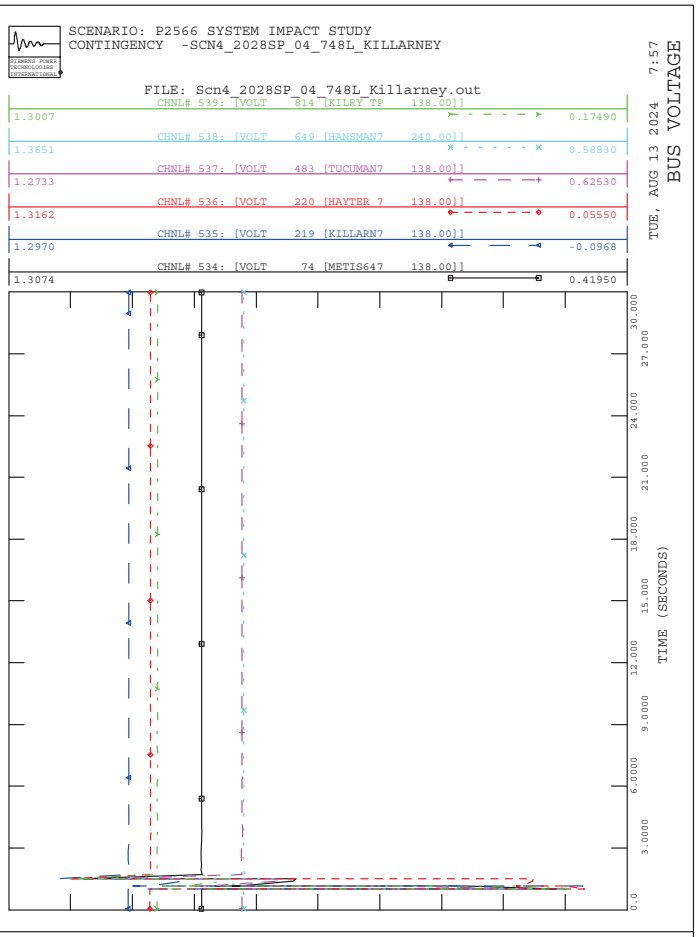

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_04_748L_KILLARNEY
FILE: Scn4_2028SP_04_748L_Killarney.out
CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2]
1.5428
0.45100
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3]
1.5365
0.45450
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.3948
0.46220
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000
-0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
1.7067
1.0565
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
1.7303
1.0578
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
ACTIVE POWER

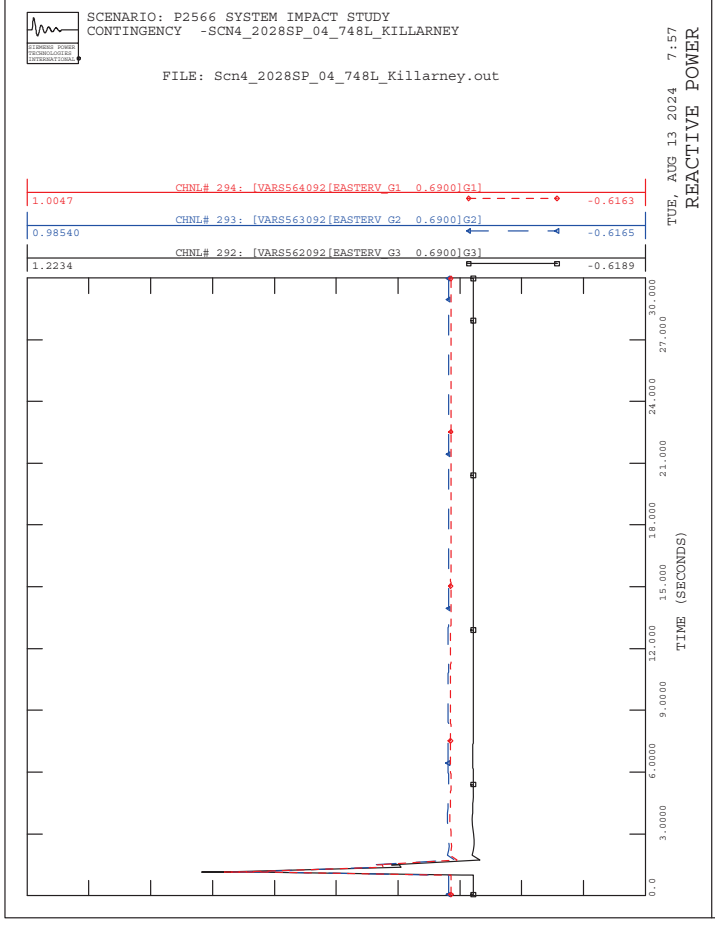

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_04_748L_KILLARNEY
FILE: Scn4_2028SP_04_748L_Killarney.out
CHNL# 293: [VARS563092[EASTERV_G2 0.6900]G2]
0.98540
-0.6165
CHNL# 292: [VARS562092[EASTERV_G3 0.6900]G3]
1.2234
-0.6189
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
2.7927
-0.7686
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000
-0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
2.1198
-0.2671
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
2.1803
-0.3801
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
REACTIVE POWER

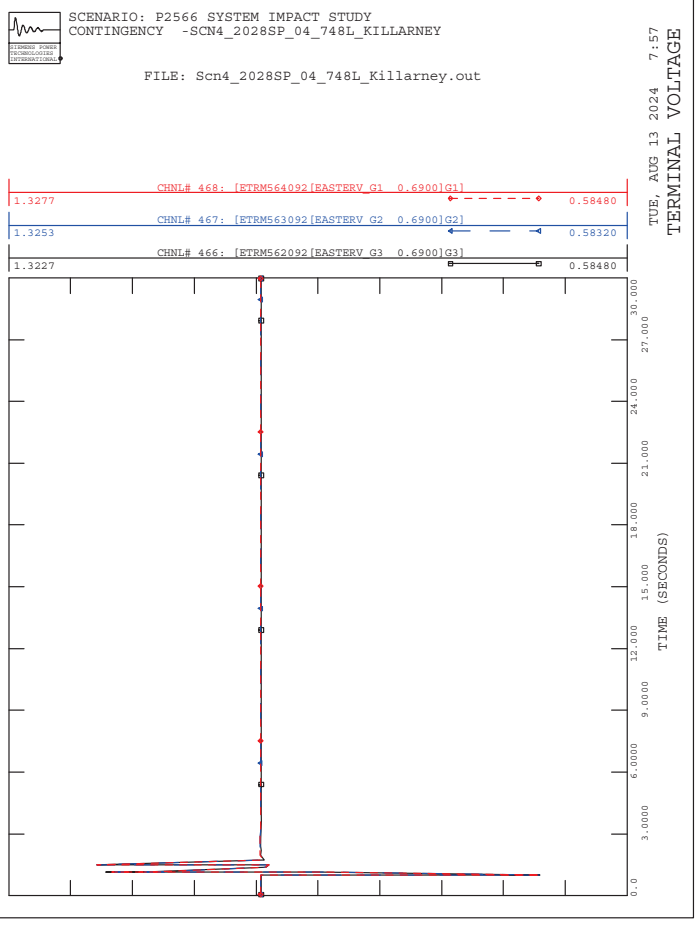

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_04_748L_KILLARNEY
FILE: Scn4_2028SP_04_748L_Killarney.out
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
20.535
-84.80
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000
-50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
28.365
-76.13
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
25.278
-79.09
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
ROTOR ANGLE

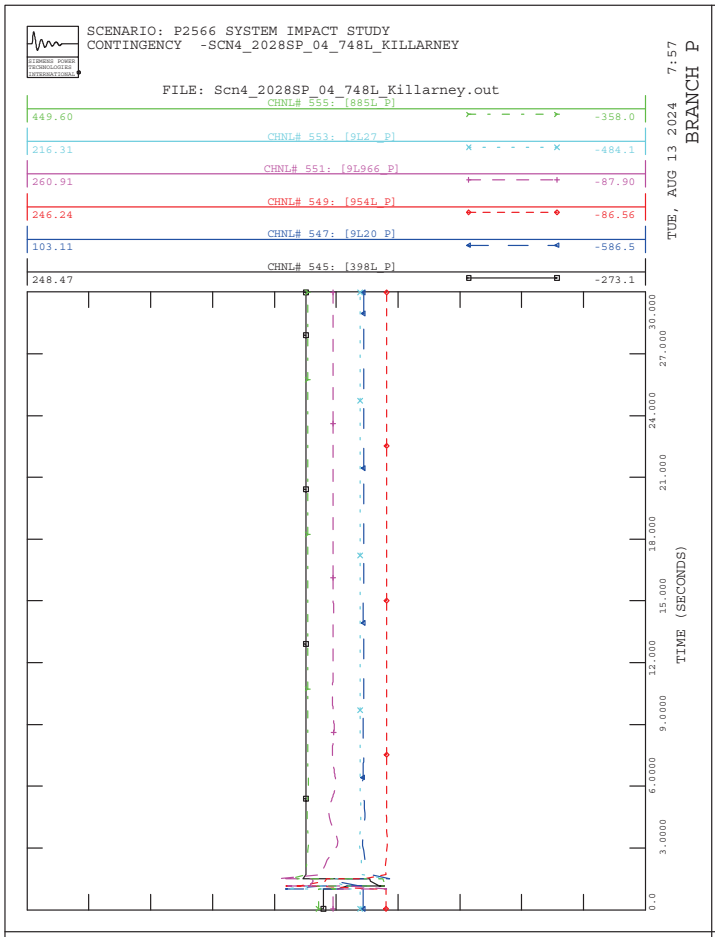

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_04_748L_KILLARNEY
FILE: Scn4_2028SP_04_748L_Killarney.out
CHNL# 207: [POWR564092[EASTERV_G1 0.6900]G1]
1.5423
0.45400
CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2]
1.5428
0.45100
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3]
1.5365
0.45450
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
ACTIVE POWER

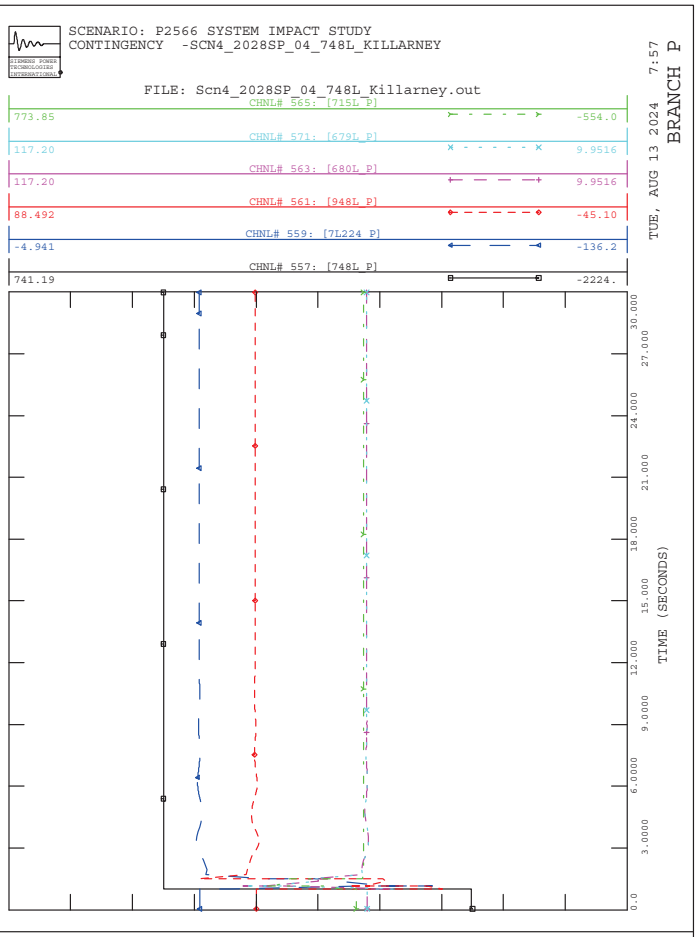

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_04_748L_KILLARNEY
FILE: Scn4_2028SP_04_748L_Killarney.out
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3253
0.58320
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3227
0.58480
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2021
0.84730
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000
-0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1459
0.84590
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1443
0.84930
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

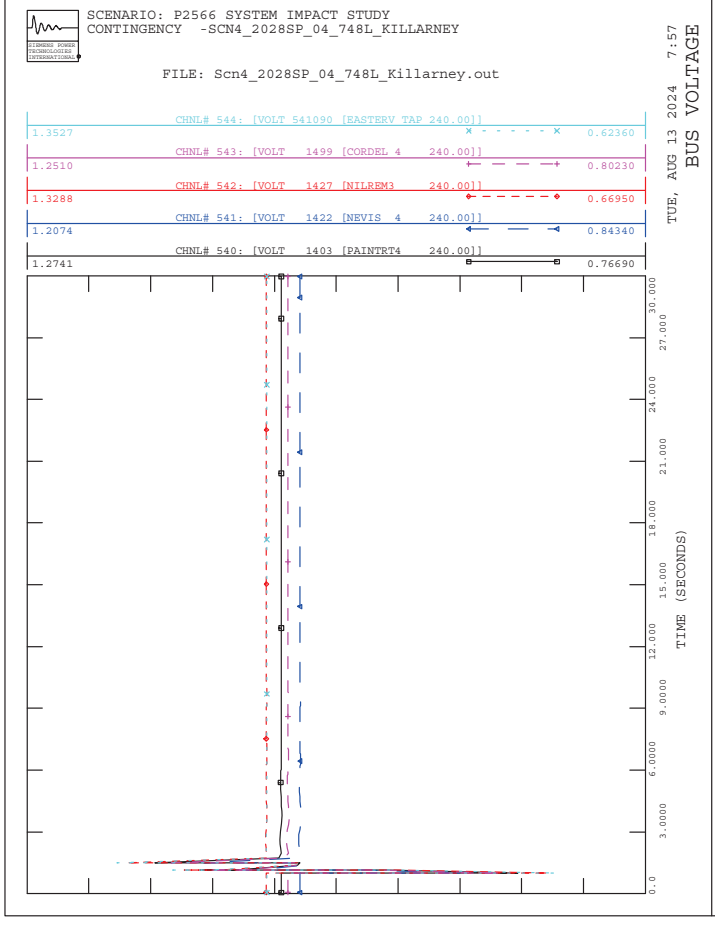

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_04_748L_KILLARNEY
FILE: Scn4_2028SP_04_748L_Killarney.out
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.3007
0.17490
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.3651
0.58830
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.2733
0.62530
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.3162
0.05550
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.2970
-0.0968
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.3074
0.41950
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

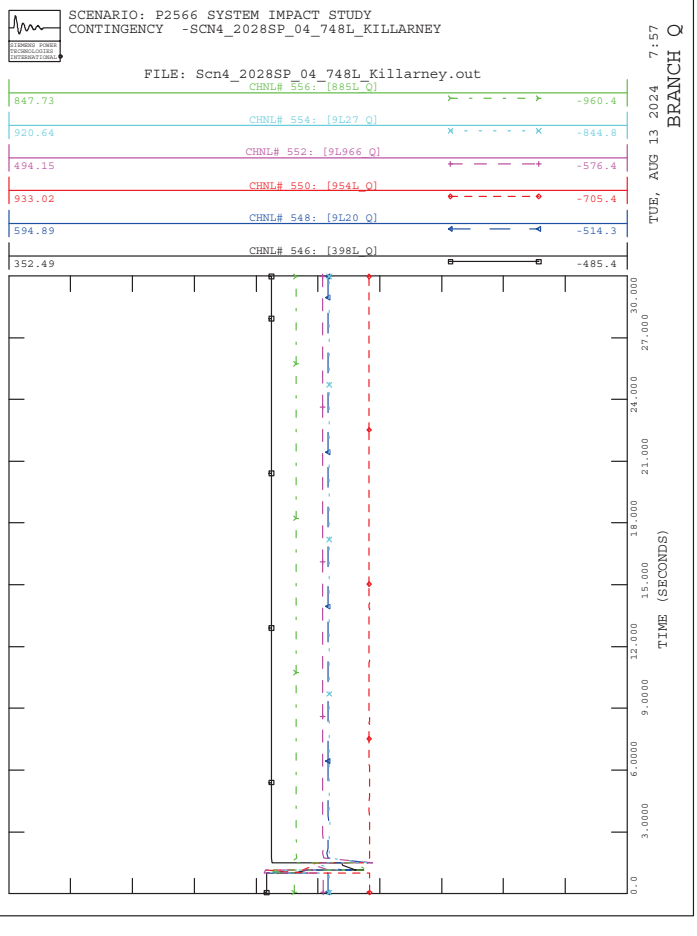

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_04_748L_KILLARNEY
FILE: Scn4_2028SP_04_748L_Killarney.out
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.0047
-0.6163
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.98540
-0.6165
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.2234
-0.6189
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_04_748L_KILLARNEY
FILE: Scn4_2028SP_04_748L_Killarney.out
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.3277
0.58480
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3253
0.58320
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3227
0.58480
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_04_748L_KILLARNEY
FILE: Scn4_2028SP_04_748L_Killarney.out
CHNL# 555: [885L P]
449.60
-358.0
CHNL# 553: [9L27 P]
216.31
-484.1
CHNL# 551: [9L966 P]
260.91
-87.90
CHNL# 549: [954L P]
246.24
-86.56
CHNL# 547: [9L20 P]
103.11
-586.5
CHNL# 545: [398L P]
248.47
-273.1
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_04_748L_KILLARNEY
FILE: Scn4_2028SP_04_748L_Killarney.out
CHNL# 565: [715L P]
773.85
-554.0
CHNL# 571: [679L P]
117.20
9.9516
CHNL# 563: [680L P]
117.20
9.9516
CHNL# 561: [948L P]
88.492
-45.10
CHNL# 559: [7L224 P]
-4.941
-136.2
CHNL# 557: [748L P]
741.19
-2224.
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_04_748L_KILLARNEY
FILE: Scn4_2028SP_04_748L_Killarney.out
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.3527
0.62360
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2510
0.80230
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3288
0.66950
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2074
0.84340
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2741
0.76690
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_04_748L_KILLARNEY
FILE: Scn4_2028SP_04_748L_Killarney.out
CHNL# 556: [885L Q]
847.73
-960.4
CHNL# 554: [9L27 Q]
920.64
-844.8
CHNL# 552: [9L966 Q]
494.15
-576.4
CHNL# 550: [954L Q]
933.02
-705.4
CHNL# 548: [9L20 Q]
594.89
-514.3
CHNL# 546: [398L Q]
352.49
-485.4
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
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6.0000
9.0000
12.000
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30.000

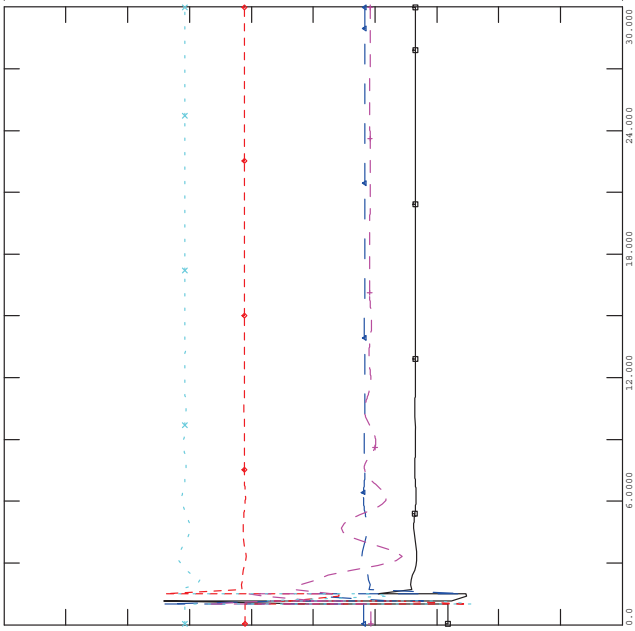
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CONTINGENCY -SCN4_2028SP_04_748L_KILLARNEY

FILE: Scn4_2028SP_04_748L_Killarney.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P]
76.163 -118.2
CHNL# 575: [9L59_P]
-2.622 -122.3
CHNL# 573: [953L_P]
245.12 -35.73
CHNL# 569: [1047L_P]
-51.39 -389.2
CHNL# 567: [749L_P]
237.81 -25.22



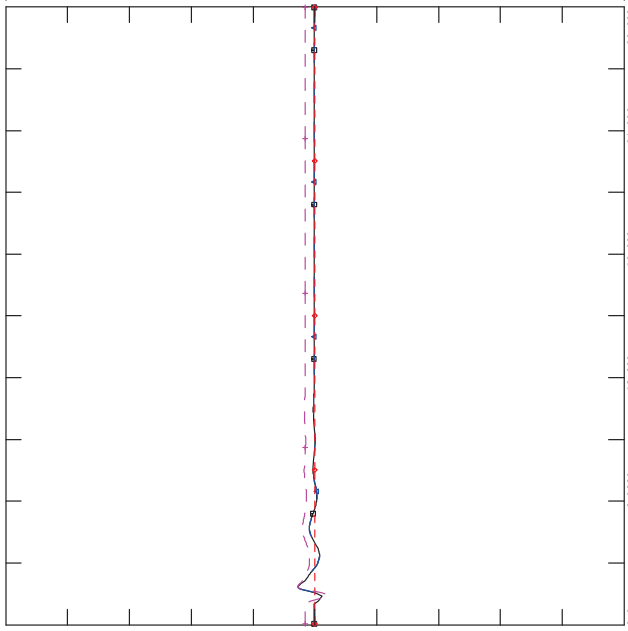
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_05_748L_HAYTER

FILE: Scn4_2028SP_05_748L_Hayter.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
20.569 -84.69
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000 -50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
28.452 -76.22
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
25.367 -79.17



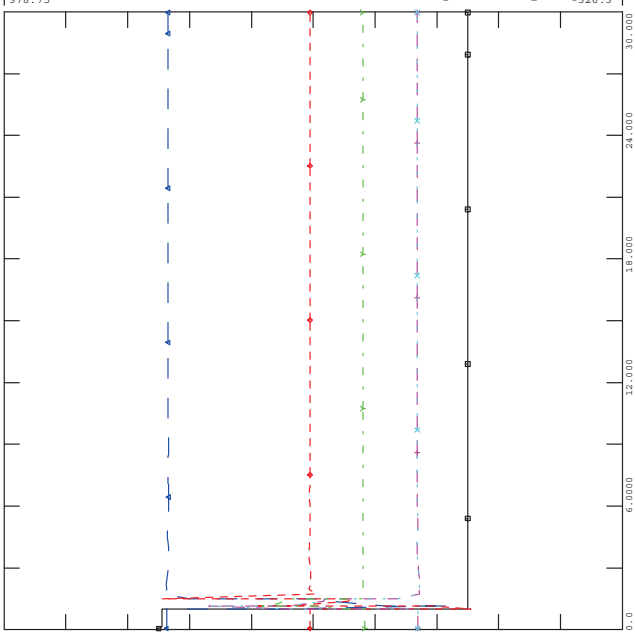
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_04_748L_KILLARNEY

FILE: Scn4_2028SP_04_748L_Killarney.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 566: [715L_Q]
1633.8 -1166.
CHNL# 572: [679L_Q]
59.756 -61.36
CHNL# 564: [680L_Q]
59.756 -61.36
CHNL# 562: [948L_Q]
147.70 -241.1
CHNL# 560: [7L224_Q]
2.3923 -149.9
CHNL# 558: [748L_Q]
978.75 -326.3



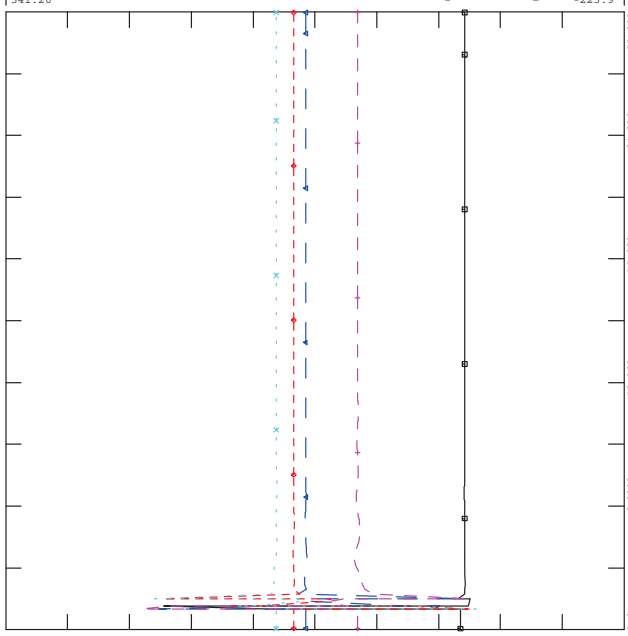
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_04_748L_KILLARNEY

FILE: Scn4_2028SP_04_748L_Killarney.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16_Q]
360.99 -340.9
CHNL# 576: [9L59_Q]
139.40 -11.20
CHNL# 574: [953L_Q]
272.39 -353.7
CHNL# 570: [1047L_Q]
320.40 -219.2
CHNL# 568: [749L_Q]
541.20 -225.9

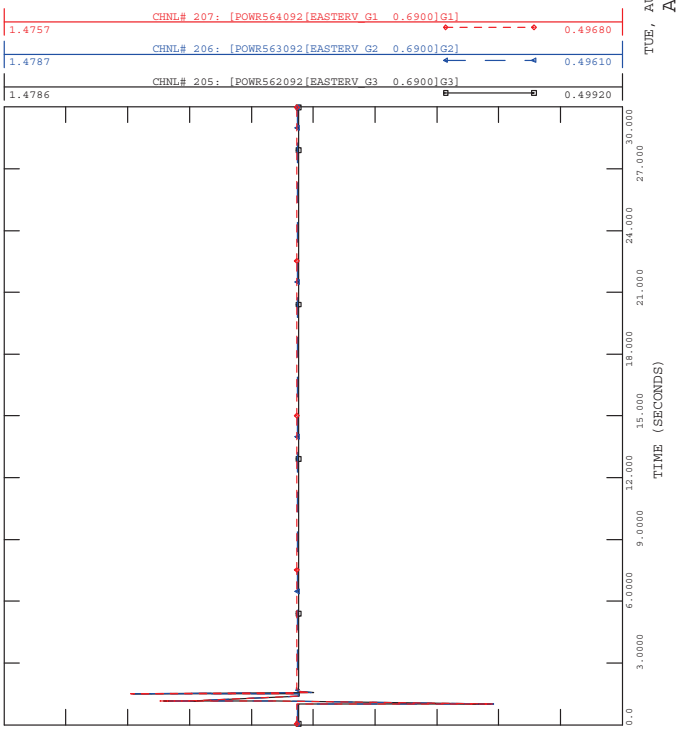


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_05_748L_HAYTER

FILE: Scn4_2028SP_05_748L_Hayter.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

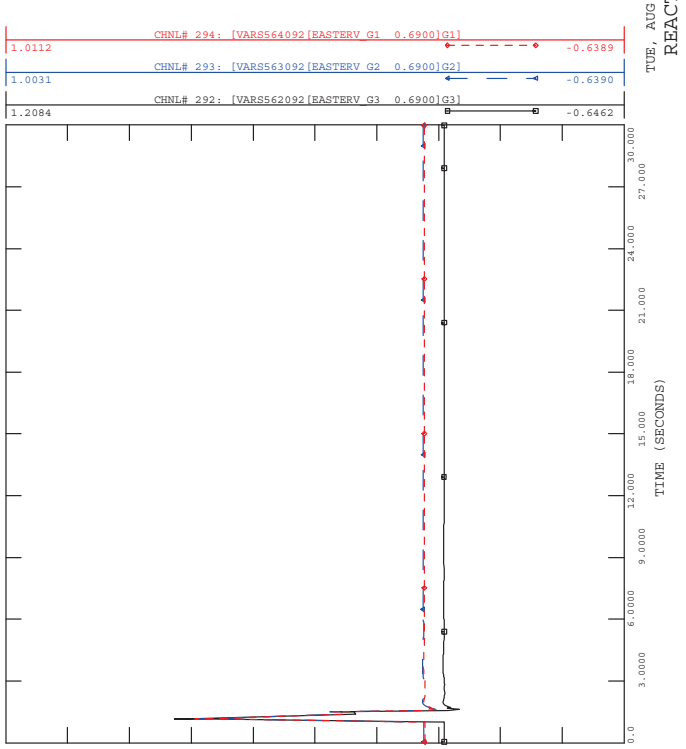


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_05_748L_HAYTER

FILE: Scn4_2028SP_05_748L_Hayter.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

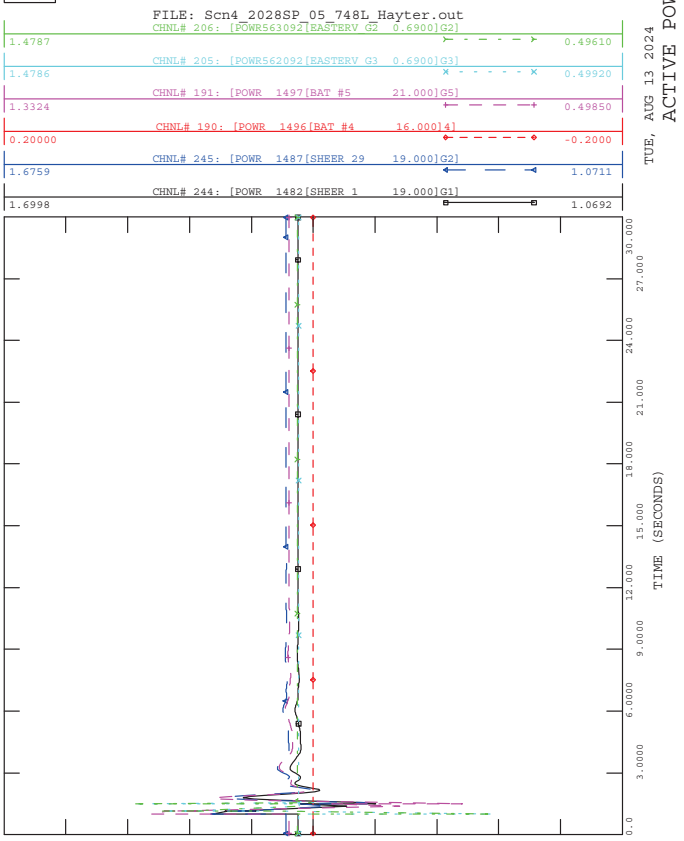


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_05_748L_HAYTER

FILE: Scn4_2028SP_05_748L_Hayter.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

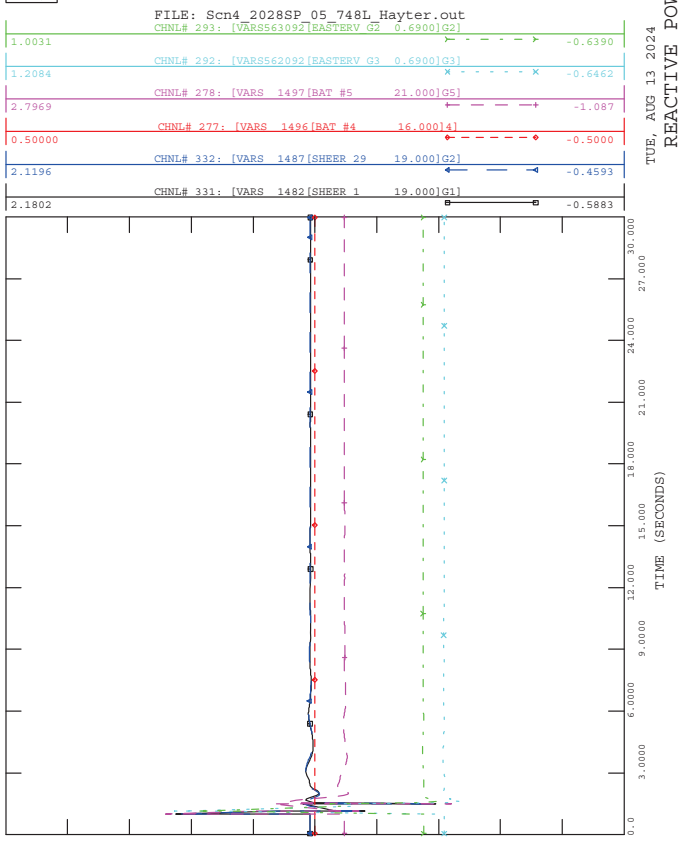


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_05_748L_HAYTER

FILE: Scn4_2028SP_05_748L_Hayter.out

TUE, AUG 13 2024 7:57

REACTIVE POWER



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_05_748L_HAYTER

FILE: Scn4_2028SP_05_748L_Hayter.out

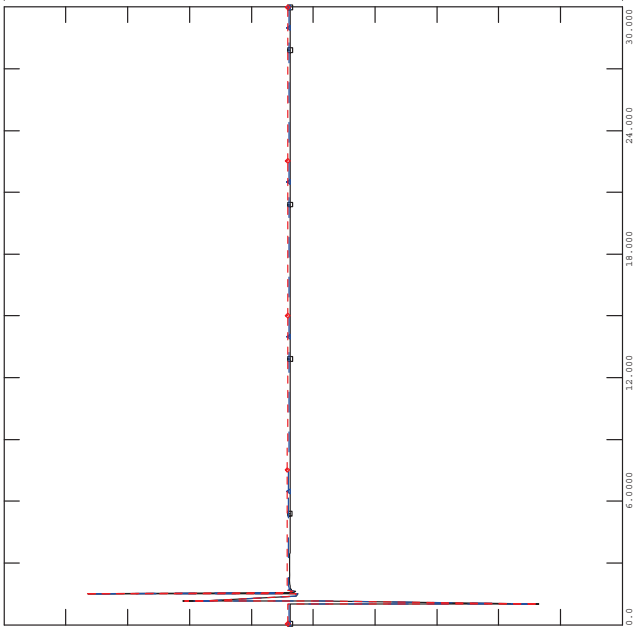
TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.3803 0.60570

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3807 0.60400

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3796 0.60560



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_05_748L_HAYTER

FILE: Scn4_2028SP_05_748L_Hayter.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

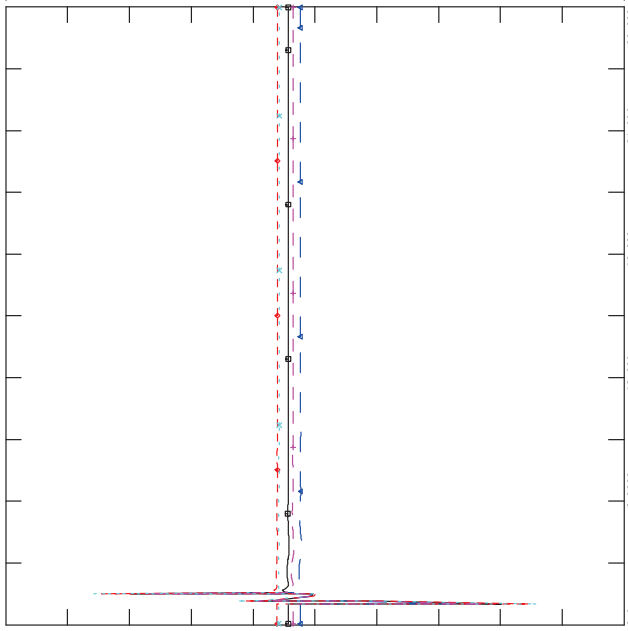
CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.4063 0.64530

CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2769 0.81330

CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3743 0.68910

CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2250 0.85080

CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3060 0.78020



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_05_748L_HAYTER

FILE: Scn4_2028SP_05_748L_Hayter.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3807 0.60400

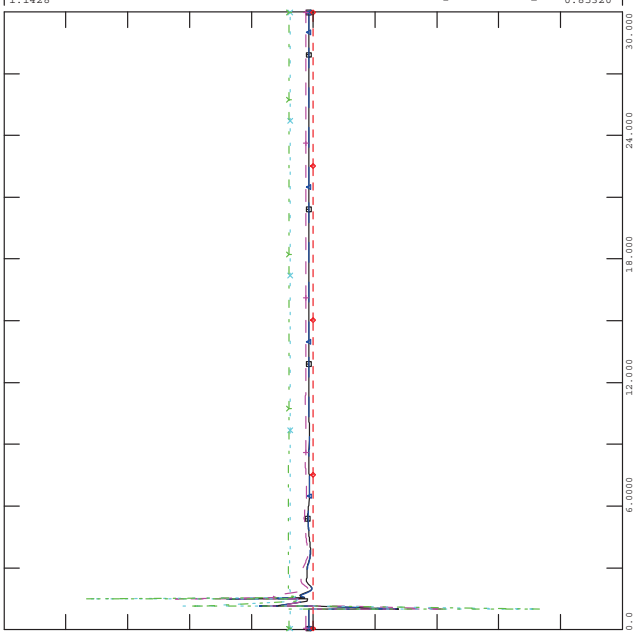
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3796 0.60560

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2174 0.85370

CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1460 0.85000

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1428 0.85320



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_05_748L_HAYTER

FILE: Scn4_2028SP_05_748L_Hayter.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.3504 0.29360

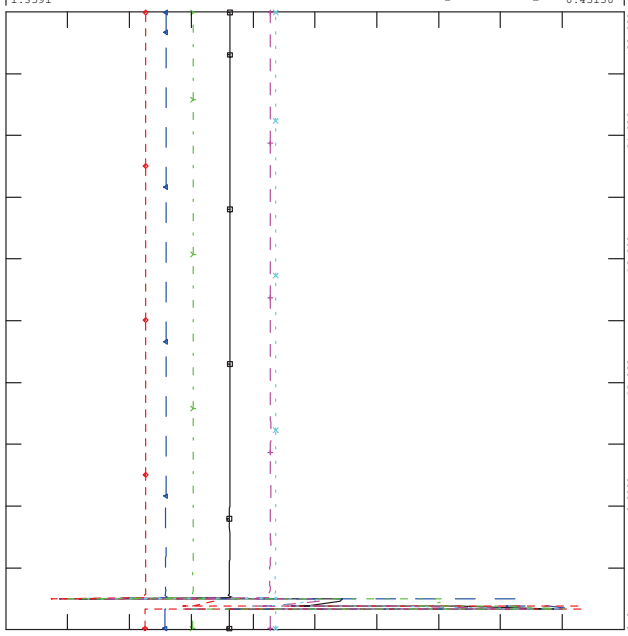
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4246 0.61190

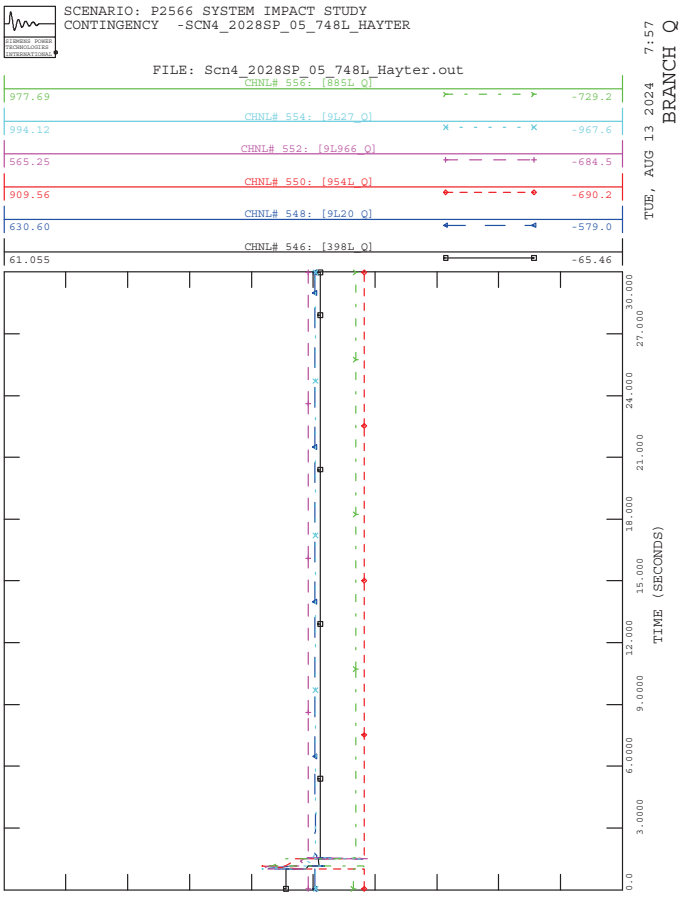
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3156 0.64550

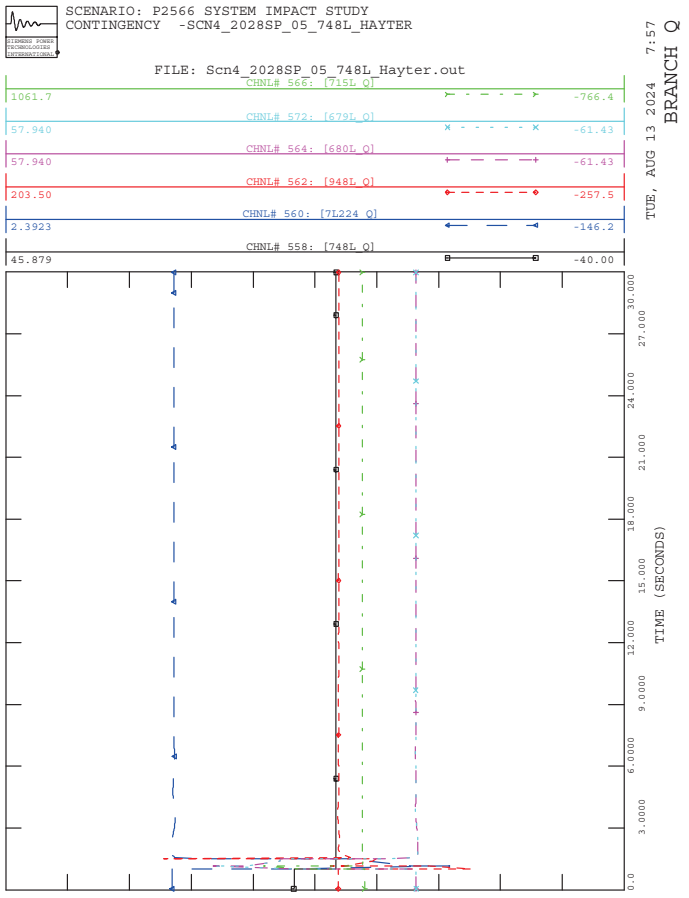
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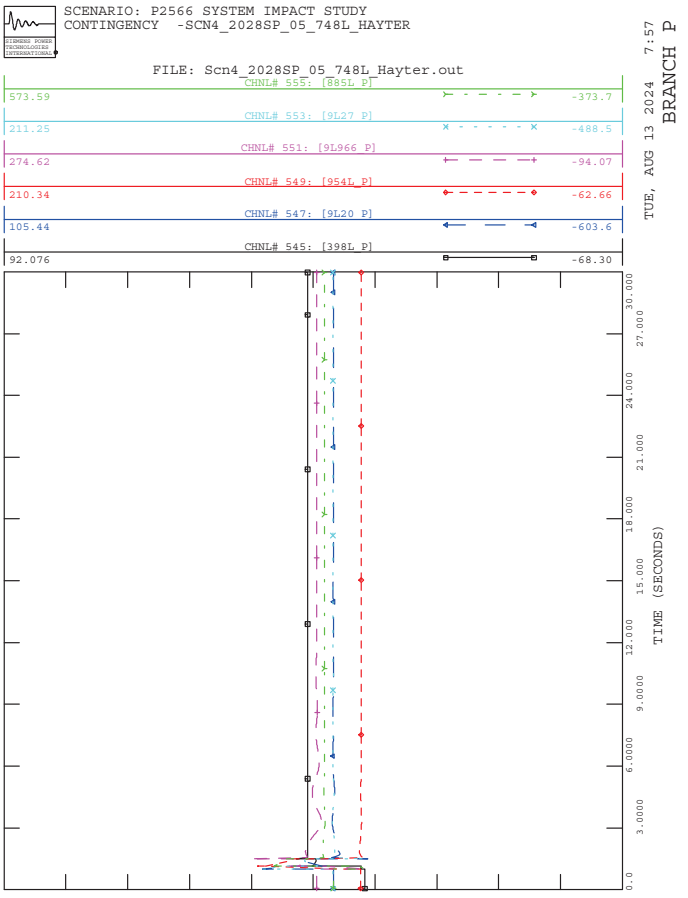
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.3467 0.10970

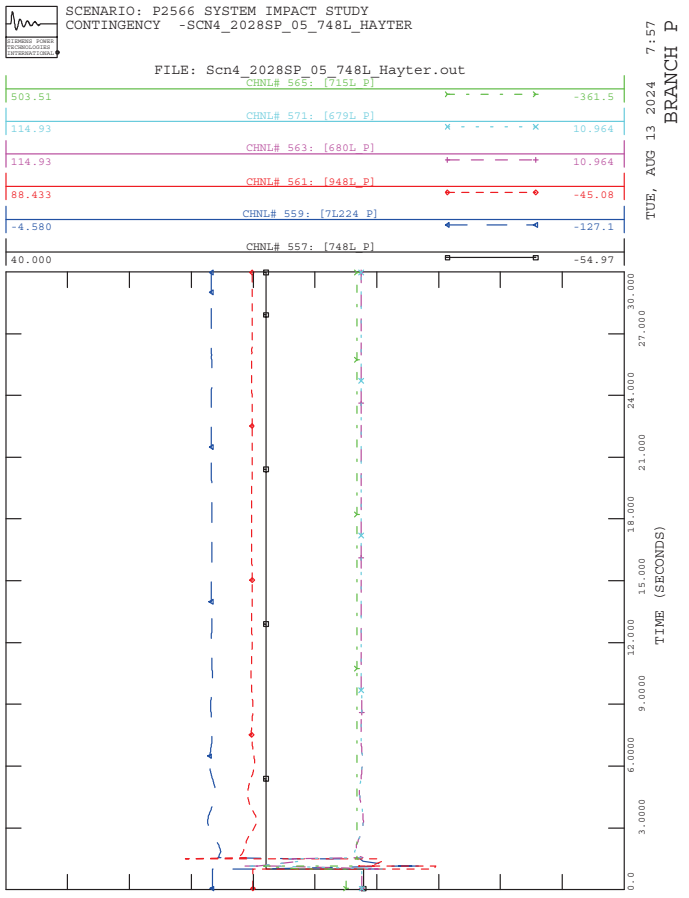
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.3591 0.45150




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_05_748L_HAYTER
FILE: Scn4_2028SP_05_748L_Hayter.out
CHNL# 556: [885L Q]
977.69
-729.2
CHNL# 554: [9L27 Q]
994.12
-967.6
CHNL# 552: [9L966 Q]
565.25
-684.5
CHNL# 550: [954L Q]
909.56
-690.2
CHNL# 548: [9L20 Q]
630.60
-579.0
CHNL# 546: [398L Q]
61.055
-65.46
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_05_748L_HAYTER
FILE: Scn4_2028SP_05_748L_Hayter.out
CHNL# 566: [715L Q]
1061.7
-766.4
CHNL# 572: [679L Q]
57.940
-61.43
CHNL# 564: [680L Q]
57.940
-61.43
CHNL# 562: [948L Q]
203.50
-257.5
CHNL# 560: [7L224 Q]
2.3923
-146.2
CHNL# 558: [748L Q]
45.879
-40.00
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_05_748L_HAYTER
FILE: Scn4_2028SP_05_748L_Hayter.out
CHNL# 555: [885L P]
573.59
-373.7
CHNL# 553: [9L27 P]
211.25
-488.5
CHNL# 551: [9L966 P]
274.62
-94.07
CHNL# 549: [954L P]
210.34
-62.66
CHNL# 547: [9L20 P]
105.44
-603.6
CHNL# 545: [398L P]
92.076
-68.30
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_05_748L_HAYTER
FILE: Scn4_2028SP_05_748L_Hayter.out
CHNL# 565: [715L P]
503.51
-361.5
CHNL# 571: [679L P]
114.93
10.964
CHNL# 563: [680L P]
114.93
10.964
CHNL# 561: [948L P]
88.433
-45.08
CHNL# 559: [7L224 P]
-4.580
-127.1
CHNL# 557: [748L P]
40.000
-54.97
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_05_748L_HAYTER

FILE: Scn4_2028SP_05_748L_Hayter.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16_Q] 418.42 -345.1
CHNL# 576: [9L59_Q] 137.23 -17.88
CHNL# 574: [953L_Q] 341.53 -368.8
CHNL# 570: [1047L_Q] 343.23 -294.9
CHNL# 568: [749L_Q] 717.59 -277.3

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_06_398L_HAYTER

FILE: Scn4_2028SP_06_398L_Hayter.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2] 1.4800 0.49600
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3] 1.4803 0.49910
CHNL# 191: [POWR 1497[BAT #5 21.000]G5] 1.3501 0.45700
CHNL# 190: [POWR 1496[BAT #4 16.000]4] 0.20000 -0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2] 1.6806 1.0478
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1] 1.7031 1.0447

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_05_748L_HAYTER

FILE: Scn4_2028SP_05_748L_Hayter.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P] 74.770 -110.8
CHNL# 575: [9L59_P] -4.206 -123.2
CHNL# 573: [953L_P] 251.24 -29.61
CHNL# 569: [1047L_P] -57.50 -403.6
CHNL# 567: [749L_P] 346.27 -50.14

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_06_398L_HAYTER

FILE: Scn4_2028SP_06_398L_Hayter.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5] 20.674 -84.99
CHNL# 16: [ANGL 1496[BAT #4 16.000]4] 50.000 -50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2] 28.601 -76.46
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1] 25.501 -79.41

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_06_398L_HAYTER

FILE: Scn4_2028SP_06_398L_Hayter.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.99630 -0.6447

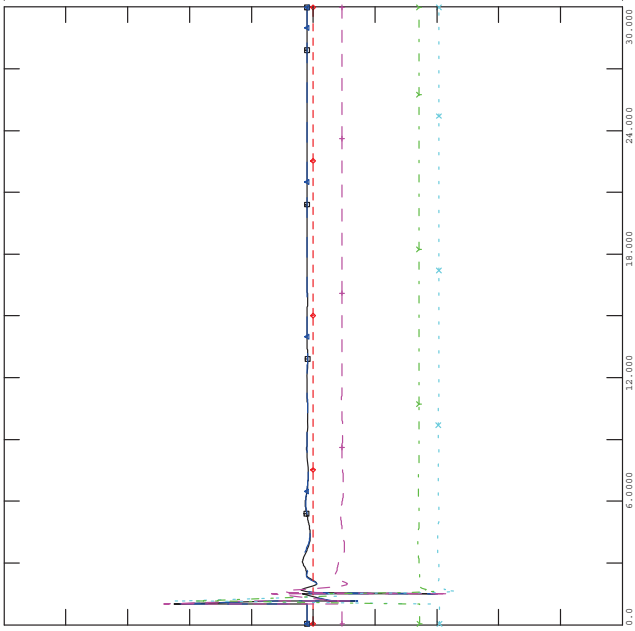
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.1989 -0.6557

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
2.8004 -1.097

CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000 -0.5000

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
2.1239 -0.4717

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
2.1862 -0.6059



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_06_398L_HAYTER

FILE: Scn4_2028SP_06_398L_Hayter.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3808 0.60390

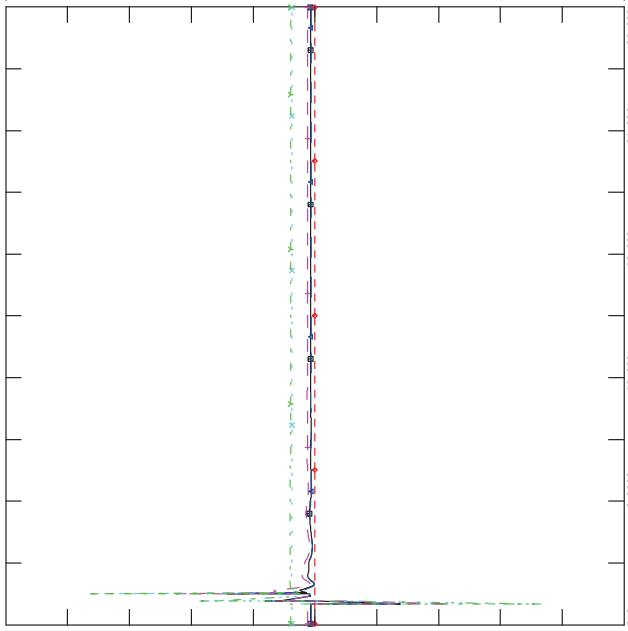
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3802 0.60550

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2174 0.85370

CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1461 0.85000

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1428 0.85320



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_06_398L_HAYTER

FILE: Scn4_2028SP_06_398L_Hayter.out

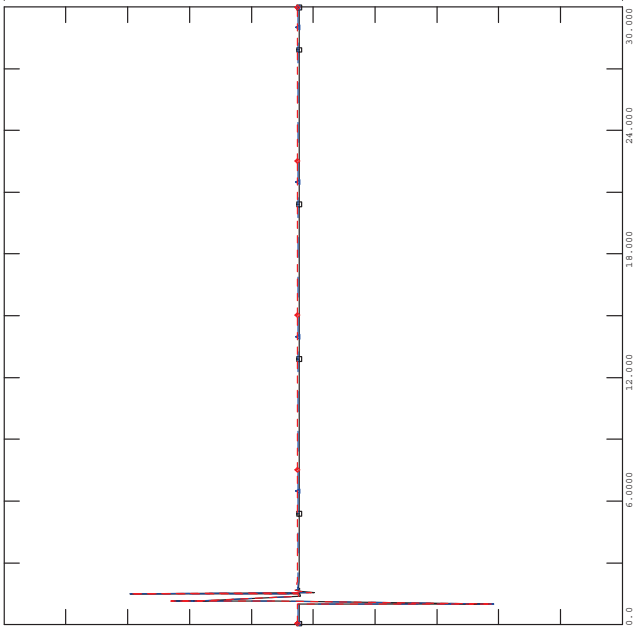
TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.4769 0.49670

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.4800 0.49600

CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.4803 0.49910



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_06_398L_HAYTER

FILE: Scn4_2028SP_06_398L_Hayter.out

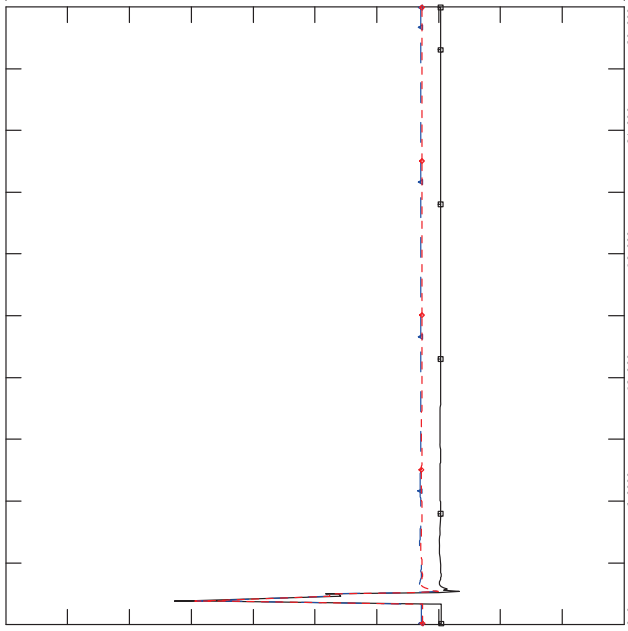
TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.0043 -0.6445

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.99630 -0.6447

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.1989 -0.6557



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_06_398L_HAYTER

FILE: Scn4_2028SP_06_398L_Hayter.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.3523 0.29420

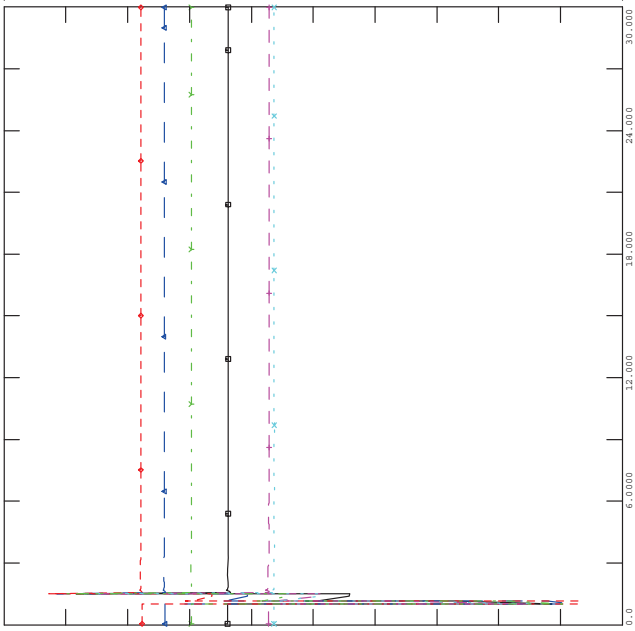
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4248 0.61190

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3158 0.64550

CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.3520 -0.1000

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.3504 0.11100

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.3589 0.45140



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_06_398L_HAYTER

FILE: Scn4_2028SP_06_398L_Hayter.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [88SL P]
481.24 -449.3

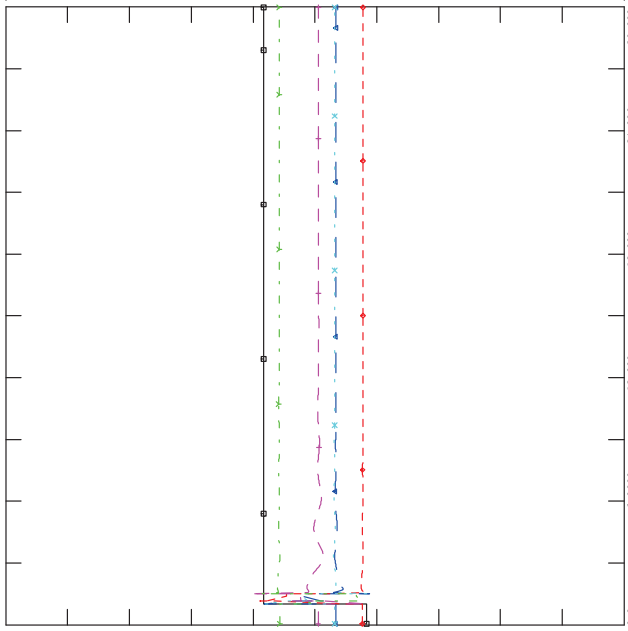
CHNL# 553: [9L27 P]
212.15 -489.7

CHNL# 551: [9L966 P]
274.41 -93.93

CHNL# 549: [954L P]
227.25 -75.10

CHNL# 547: [9L20 P]
102.25 -599.1

CHNL# 545: [398L P]
368.74 -516.2



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_06_398L_HAYTER

FILE: Scn4_2028SP_06_398L_Hayter.out

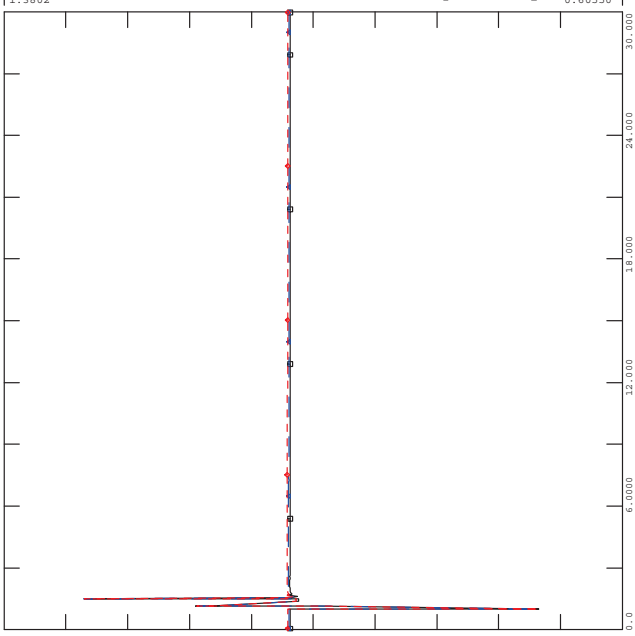
TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.3803 0.60560

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3808 0.60390

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3802 0.60550



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_06_398L_HAYTER

FILE: Scn4_2028SP_06_398L_Hayter.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

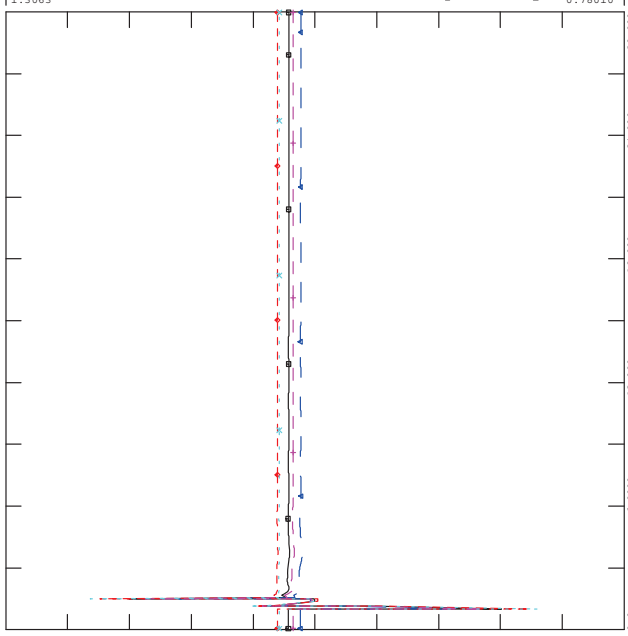
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.4066 0.64520

CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2772 0.81320

CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3745 0.68910

CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2253 0.85070

CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3063 0.78010

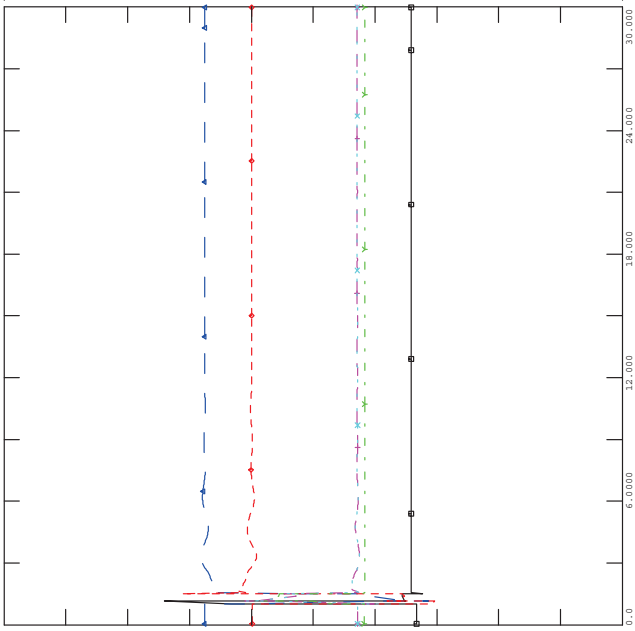


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_06_398L_HAYTER

FILE: Scn4_2028SP_06_398L_Hayter.out

TUE, AUG 13 2024 7:57 BRANCH P

CHNL# 565: [715L P]
811.01 -535.5
CHNL# 571: [679L P]
113.92 10.961
CHNL# 563: [680L P]
113.92 10.961
CHNL# 561: [948L P]
88.733 -45.10
CHNL# 559: [7L224 P]
-4.593 -130.7
CHNL# 557: [748L P]
88.031 -65.97

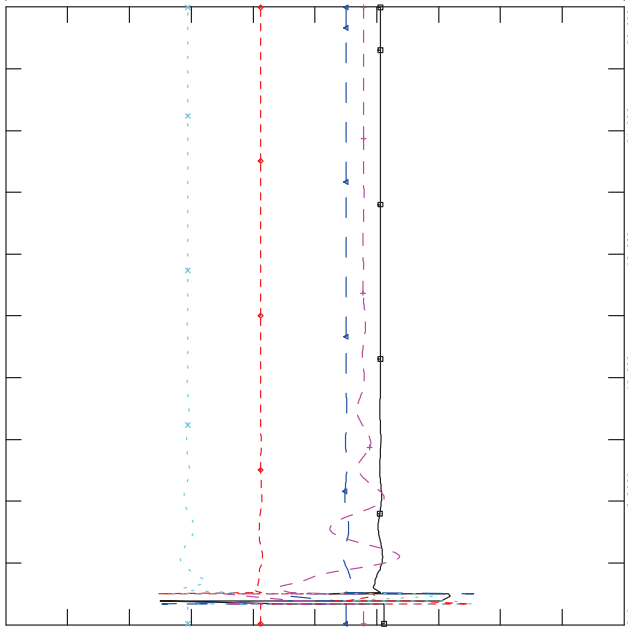


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_06_398L_HAYTER

FILE: Scn4_2028SP_06_398L_Hayter.out

TUE, AUG 13 2024 7:57 BRANCH P

CHNL# 577: [9L16 P]
73.378 -110.4
CHNL# 575: [9L59 P]
-4.202 -124.1
CHNL# 573: [953L P]
252.12 -29.94
CHNL# 569: [1047L P]
-57.33 -404.0
CHNL# 567: [749L P]
184.11 -36.80

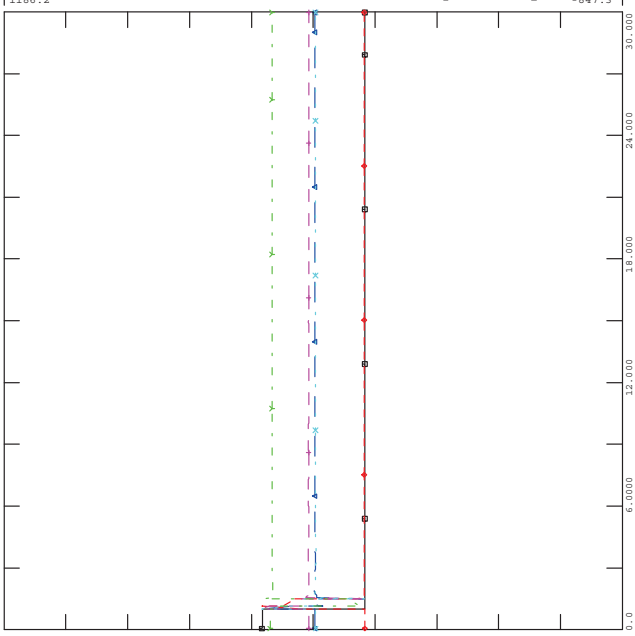


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_06_398L_HAYTER

FILE: Scn4_2028SP_06_398L_Hayter.out

TUE, AUG 13 2024 7:57 BRANCH Q

CHNL# 556: [885L Q]
766.42 -983.4
CHNL# 554: [9L27 Q]
994.24 -967.7
CHNL# 552: [9L966 Q]
561.38 -679.0
CHNL# 550: [954L Q]
907.55 -687.3
CHNL# 548: [9L20 Q]
631.74 -580.5
CHNL# 546: [398L Q]
1186.2 -847.3

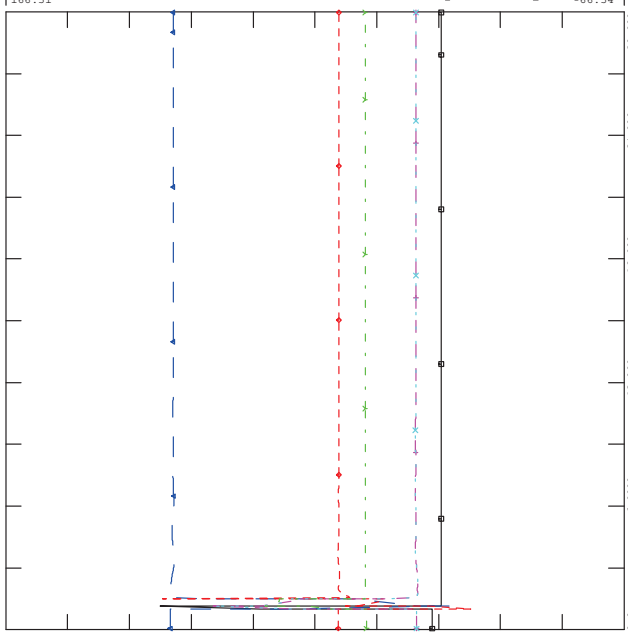


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_06_398L_HAYTER

FILE: Scn4_2028SP_06_398L_Hayter.out

TUE, AUG 13 2024 7:57 BRANCH Q

CHNL# 566: [715L Q]
1856.5 -1325.
CHNL# 572: [679L Q]
57.936 -61.30
CHNL# 564: [680L Q]
57.936 -61.30
CHNL# 562: [948L Q]
203.50 -257.6
CHNL# 560: [7L224 Q]
2.3914 -147.8
CHNL# 558: [748L Q]
166.51 -66.54

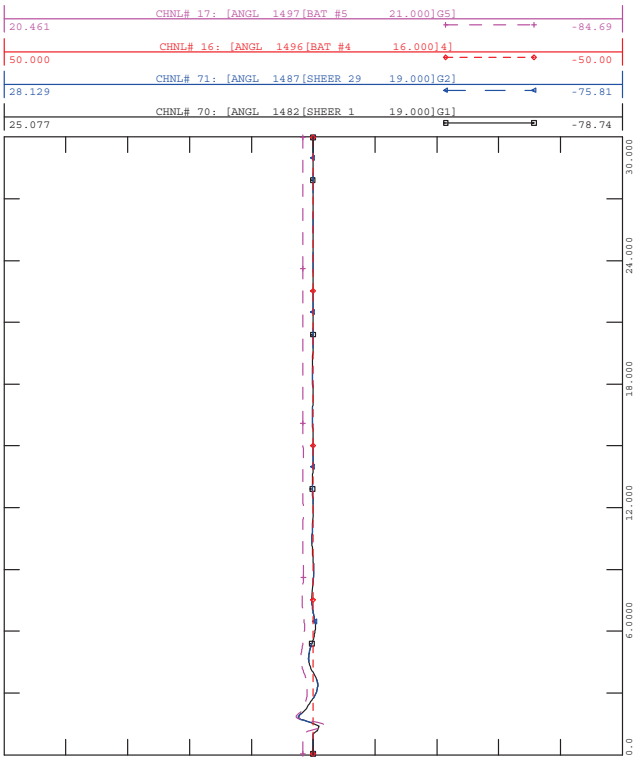


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_07_398L_PROVOST

FILE: Scn4_2028SP_07_398L_Provost.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

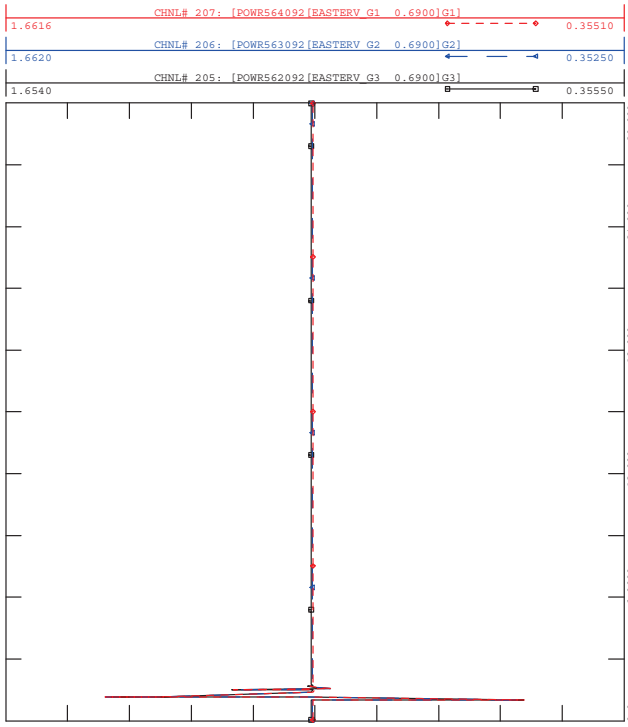


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_07_398L_PROVOST

FILE: Scn4_2028SP_07_398L_Provost.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

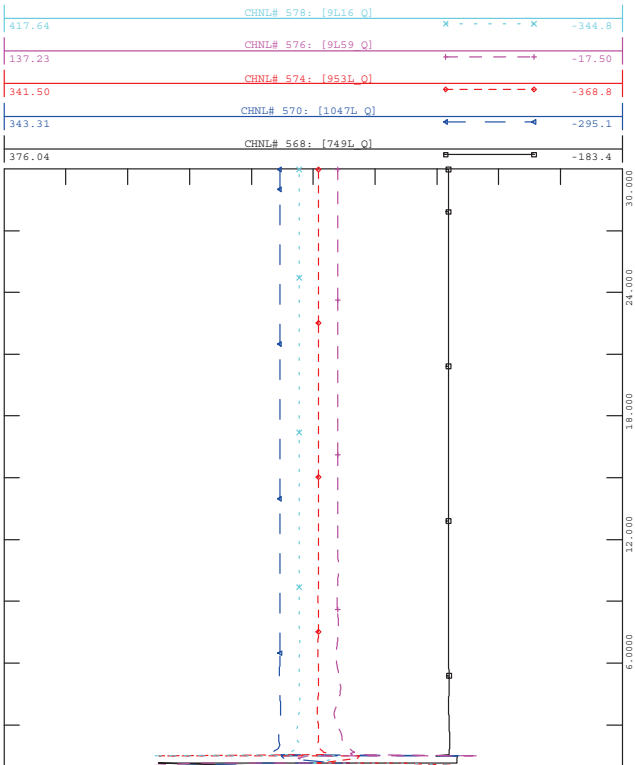


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_06_398L_HAYTER

FILE: Scn4_2028SP_06_398L_Hayter.out

TUE, AUG 13 2024 7:57

BRANCH Q

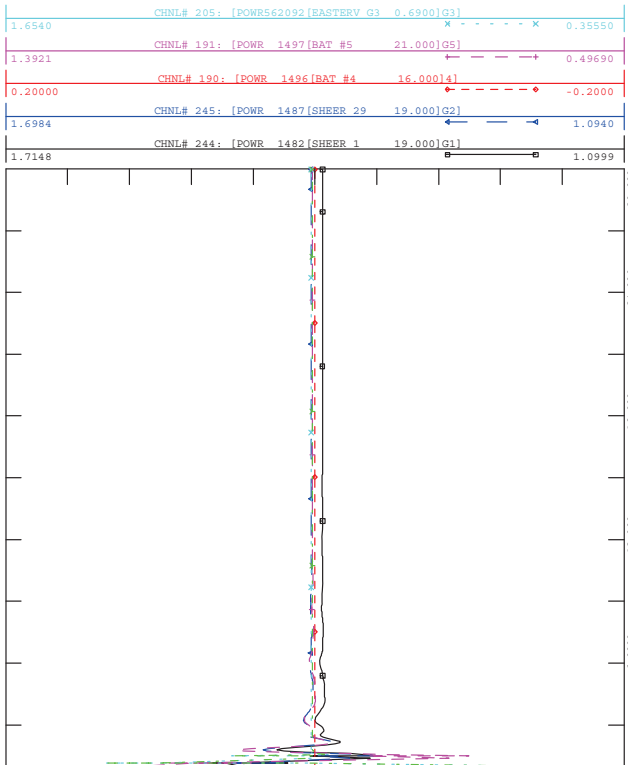


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_07_398L_PROVOST

FILE: Scn4_2028SP_07_398L_Provost.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

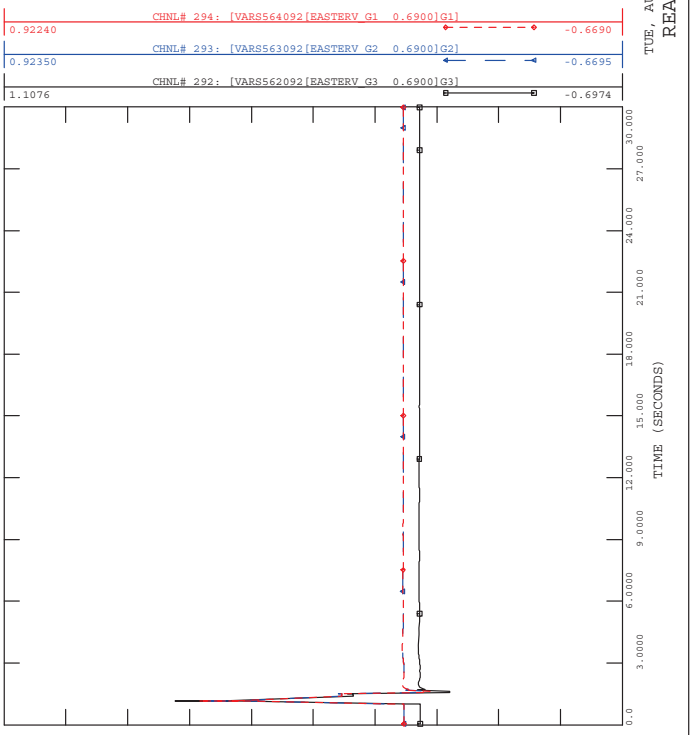


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_07_398L_PROVOST

FILE: Scn4_2028SP_07_398L_Provost.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

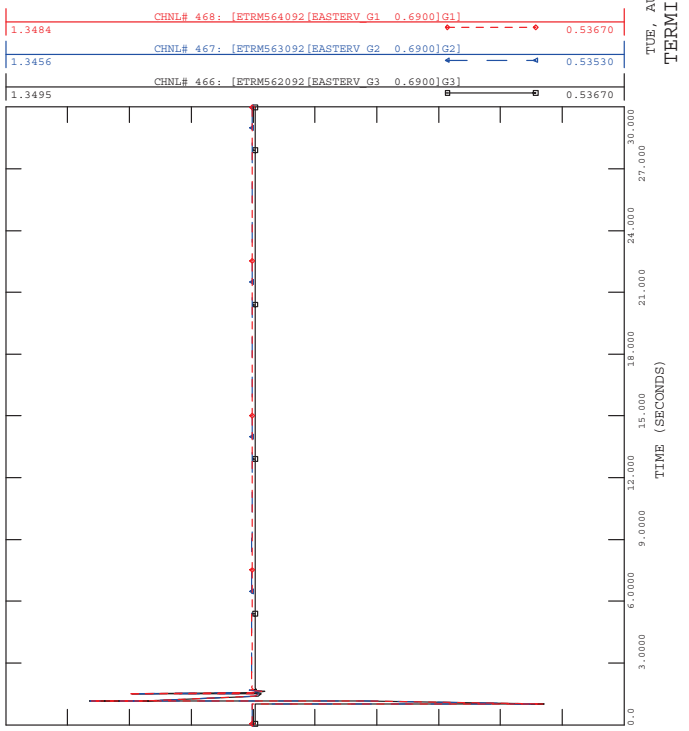


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_07_398L_PROVOST

FILE: Scn4_2028SP_07_398L_Provost.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

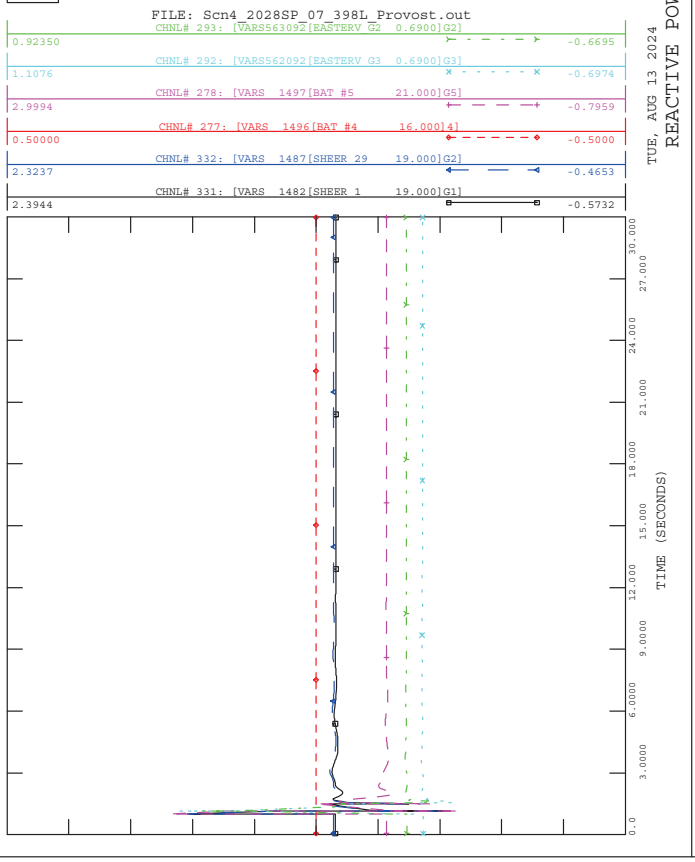


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_07_398L_PROVOST

FILE: Scn4_2028SP_07_398L_Provost.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

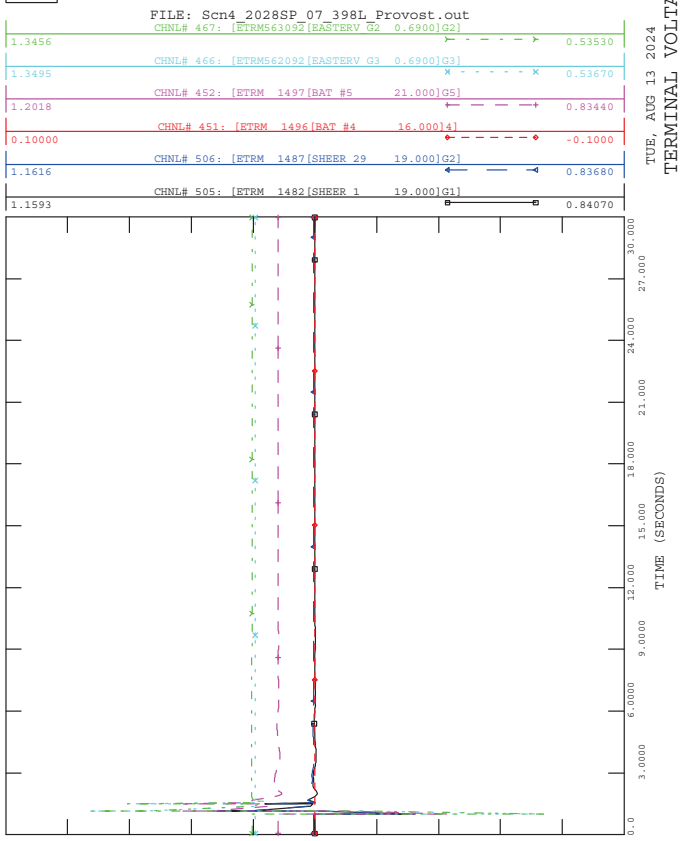


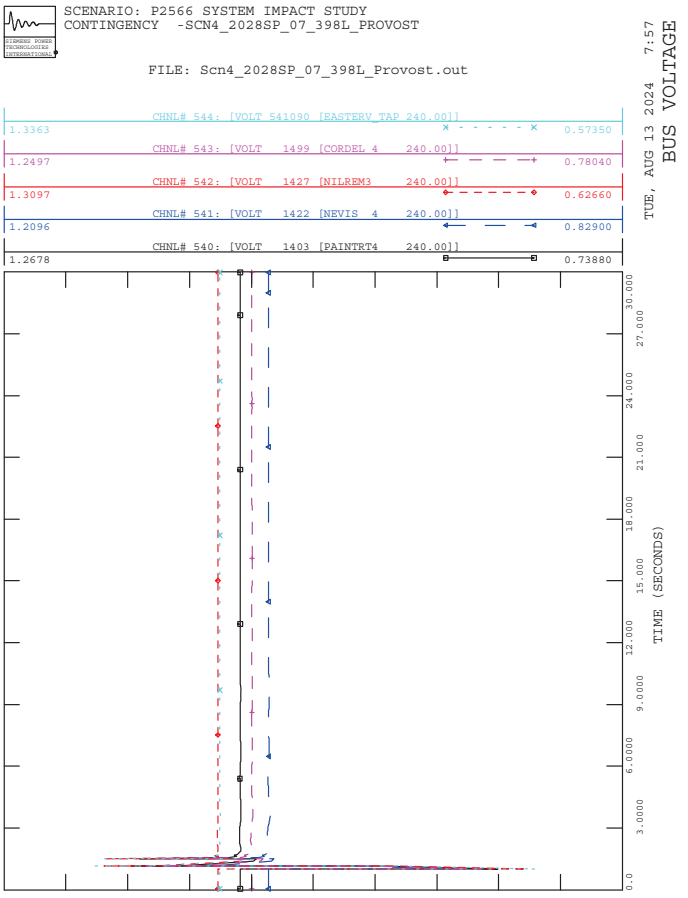
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_07_398L_PROVOST

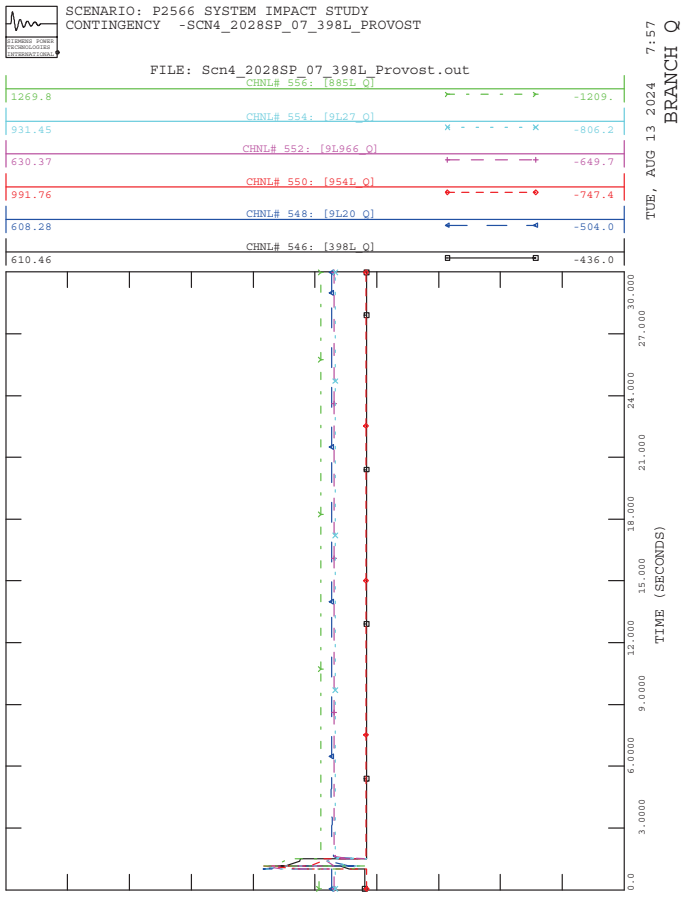
FILE: Scn4_2028SP_07_398L_Provost.out

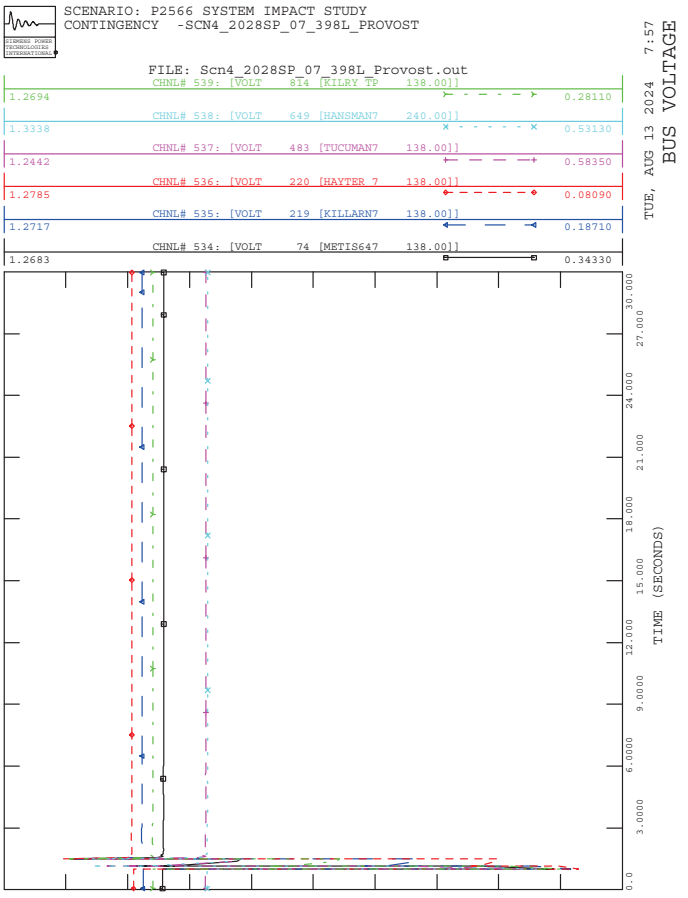
TUE, AUG 13 2024 7:57

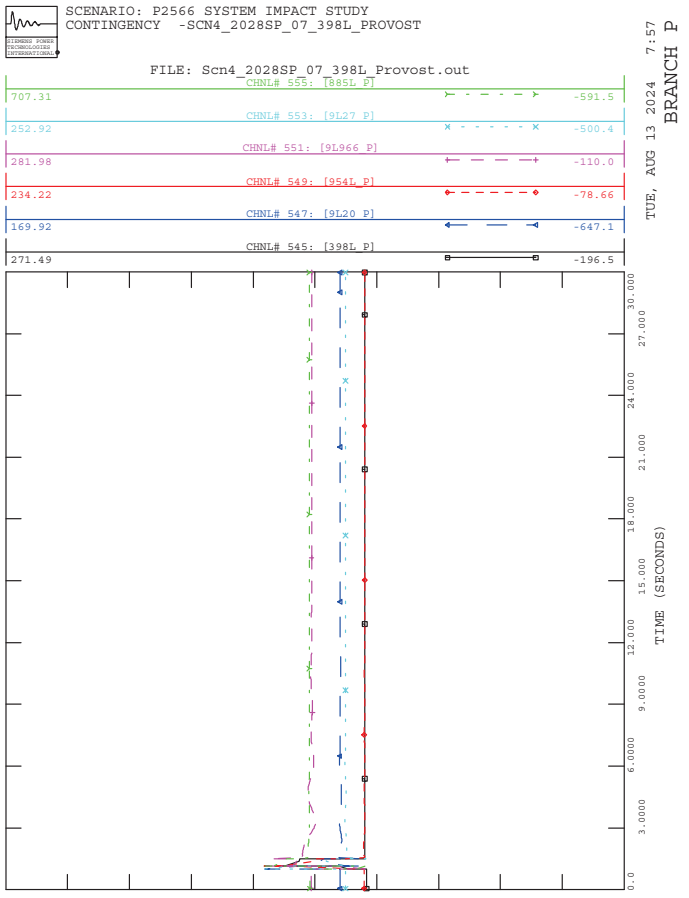
TERMINAL VOLTAGE




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_07_398L_PROVOST
FILE: Scn4_2028SP_07_398L_Provost.out
CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.3363
0.57350
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2497
0.78040
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3097
0.62660
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2096
0.82900
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2678
0.73880
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_07_398L_PROVOST
FILE: Scn4_2028SP_07_398L_Provost.out
CHNL# 556: [885L Q]
1269.8
-1209.
CHNL# 554: [9L27 Q]
931.45
-806.2
CHNL# 552: [9L966 Q]
630.37
-649.7
CHNL# 550: [954L Q]
991.76
-747.4
CHNL# 548: [9L20 Q]
608.28
-504.0
CHNL# 546: [398L Q]
610.46
-436.0
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_07_398L_PROVOST
FILE: Scn4_2028SP_07_398L_Provost.out
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.2694
0.28110
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.3338
0.53130
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.2442
0.58350
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.2785
0.08090
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.2717
0.18710
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.2683
0.34330
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

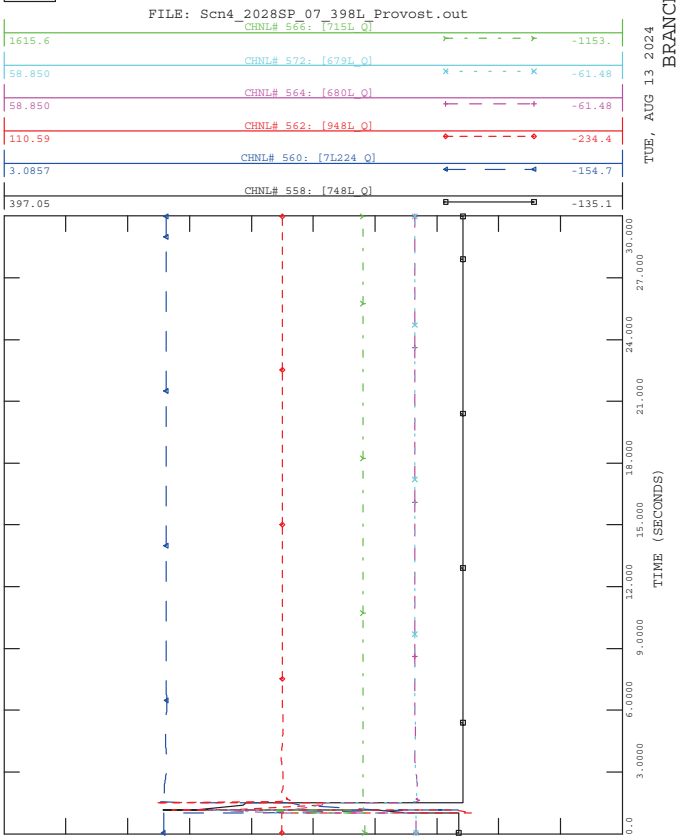

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_07_398L_PROVOST
FILE: Scn4_2028SP_07_398L_Provost.out
CHNL# 555: [885L P]
707.31
-591.5
CHNL# 553: [9L27 P]
252.92
-500.4
CHNL# 551: [9L966 P]
281.98
-110.0
CHNL# 549: [954L P]
234.22
-78.66
CHNL# 547: [9L20 P]
169.92
-647.1
CHNL# 545: [398L P]
271.49
-196.5
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_07_398L_PROVOST

FILE: Scn4_2028SP_07_398L_Provost.out

TUE, AUG 13 2024 7:57

BRANCH Q

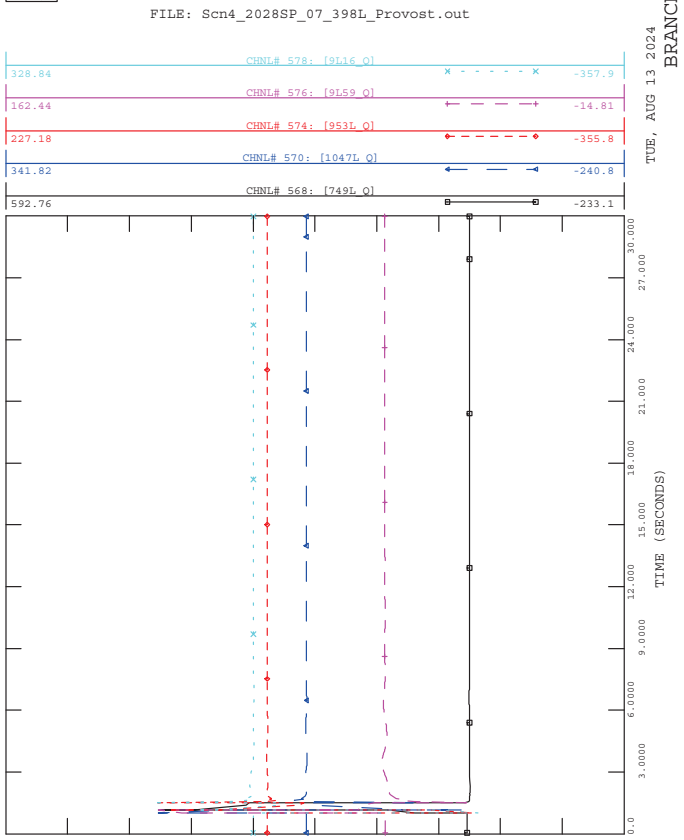


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_07_398L_PROVOST

FILE: Scn4_2028SP_07_398L_Provost.out

TUE, AUG 13 2024 7:57

BRANCH Q

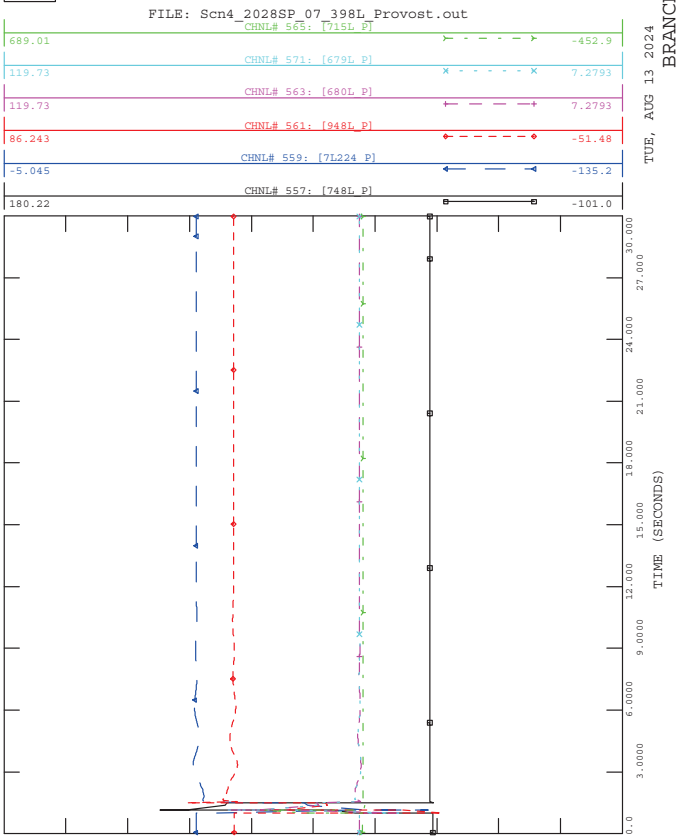


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_07_398L_PROVOST

FILE: Scn4_2028SP_07_398L_Provost.out

TUE, AUG 13 2024 7:57

BRANCH P

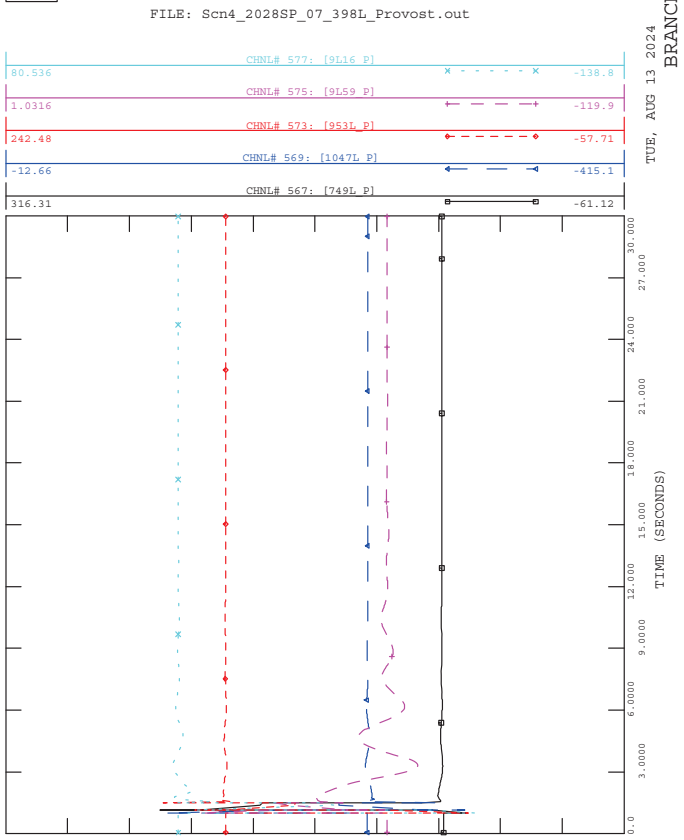


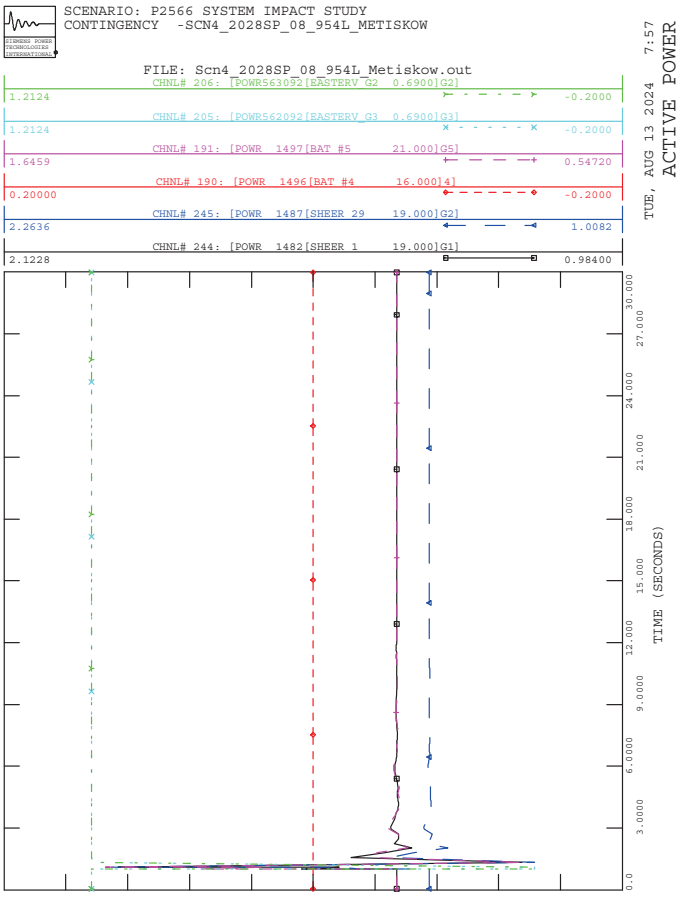
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_07_398L_PROVOST

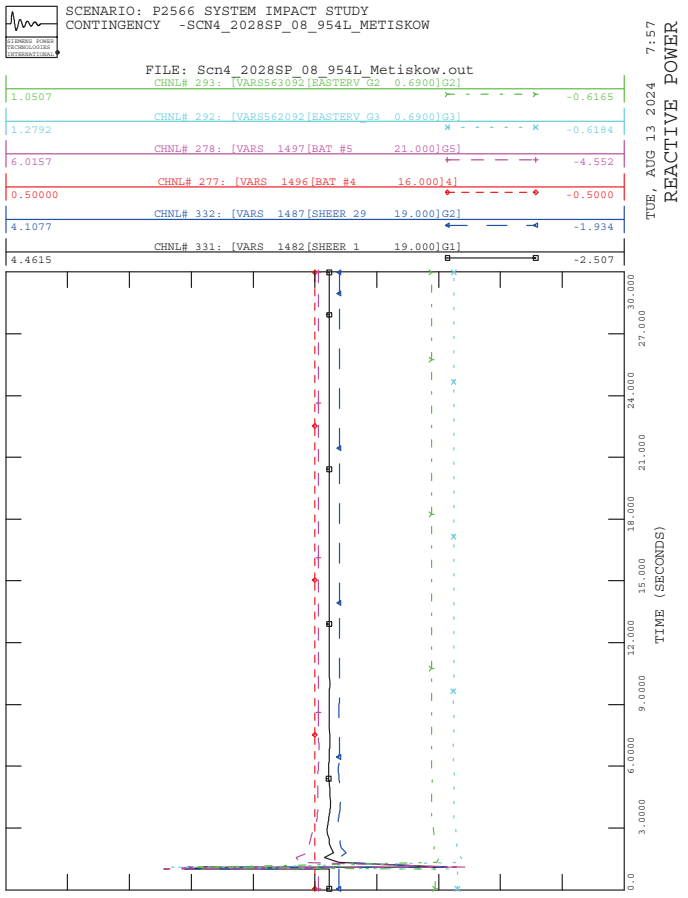
FILE: Scn4_2028SP_07_398L_Provost.out

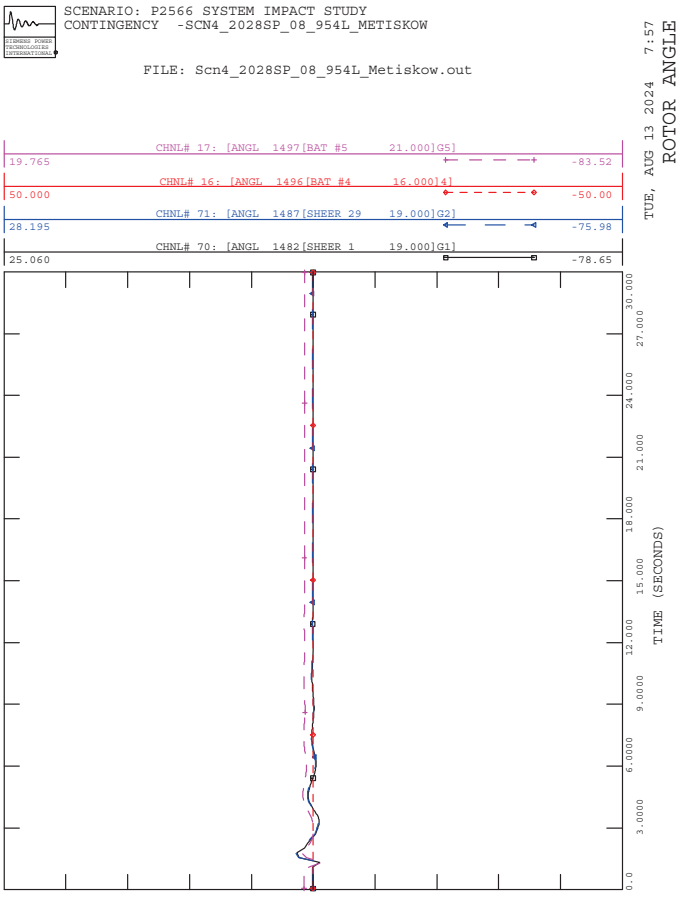
TUE, AUG 13 2024 7:57

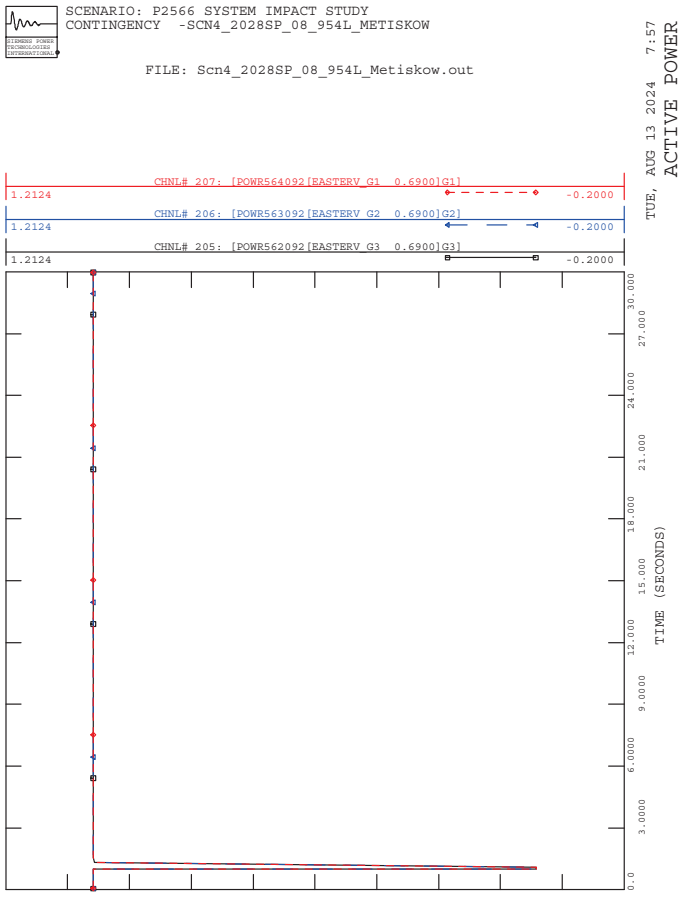
BRANCH P




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_08_954L_METISKOW
FILE: Scn4_2028SP_08_954L_Metiskow.out
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2124
-0.2000
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2124
-0.2000
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.6459
0.54720
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000
-0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
2.2636
1.0082
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
2.1228
0.98400
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
ACTIVE POWER


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_08_954L_METISKOW
FILE: Scn4_2028SP_08_954L_Metiskow.out
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.0507
-0.6165
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.2792
-0.6184
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
6.0157
-4.552
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000
-0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
4.1077
-1.934
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
4.4615
-2.507
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
REACTIVE POWER


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_08_954L_METISKOW
FILE: Scn4_2028SP_08_954L_Metiskow.out
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
19.765
-83.52
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000
-50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
28.195
-75.98
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
25.060
-78.65
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
ROTOR ANGLE


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_08_954L_METISKOW
FILE: Scn4_2028SP_08_954L_Metiskow.out
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2124
-0.2000
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2124
-0.2000
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2124
-0.2000
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
ACTIVE POWER

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_08_954L_METISKOW

FILE: Scn4_2028SP_08_954L_Metiskow.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5977 0.01980

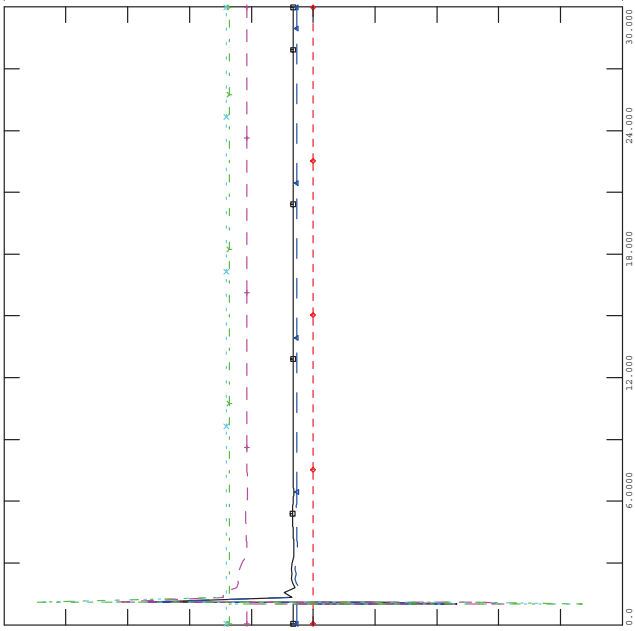
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5832 0.02140

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2650 0.69200

CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2340 0.73950

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.2199 0.74960



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_08_954L_METISKOW

FILE: Scn4_2028SP_08_954L_Metiskow.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.5443 0.02850

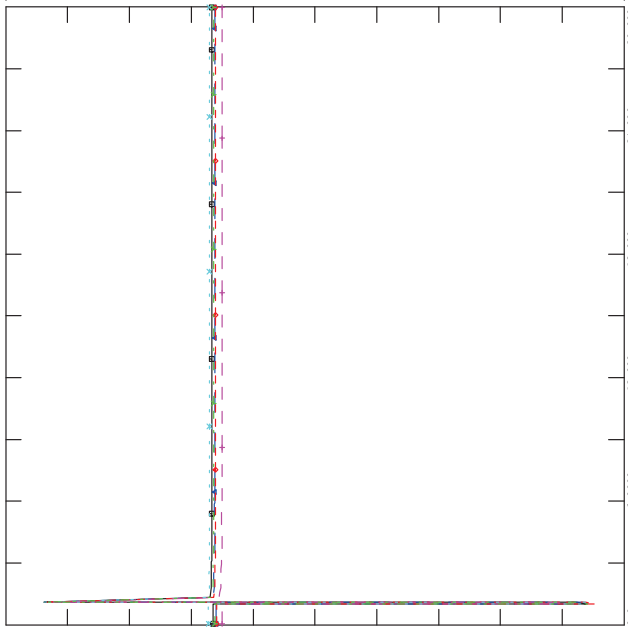
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.6384 -0.0954

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4793 0.19180

CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.5470 0.02720

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.5437 0.02670

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.5562 -0.0100



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_08_954L_METISKOW

FILE: Scn4_2028SP_08_954L_Metiskow.out

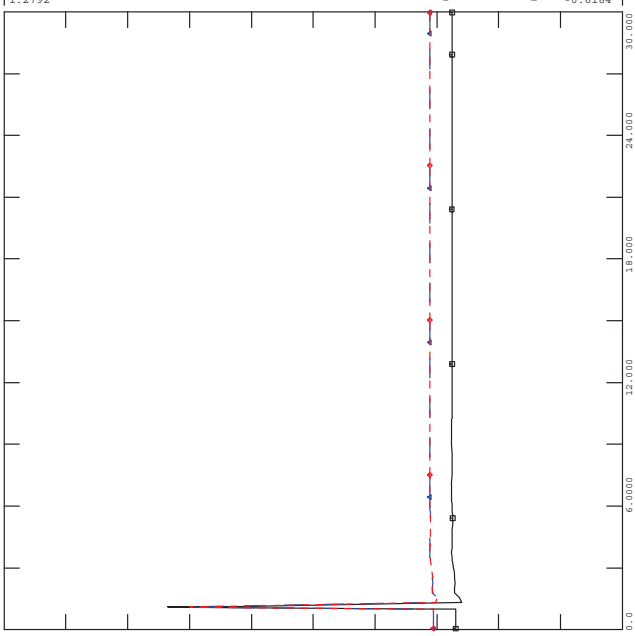
TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.0524 -0.6165

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.0507 -0.6165

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.2792 -0.6184



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_08_954L_METISKOW

FILE: Scn4_2028SP_08_954L_Metiskow.out

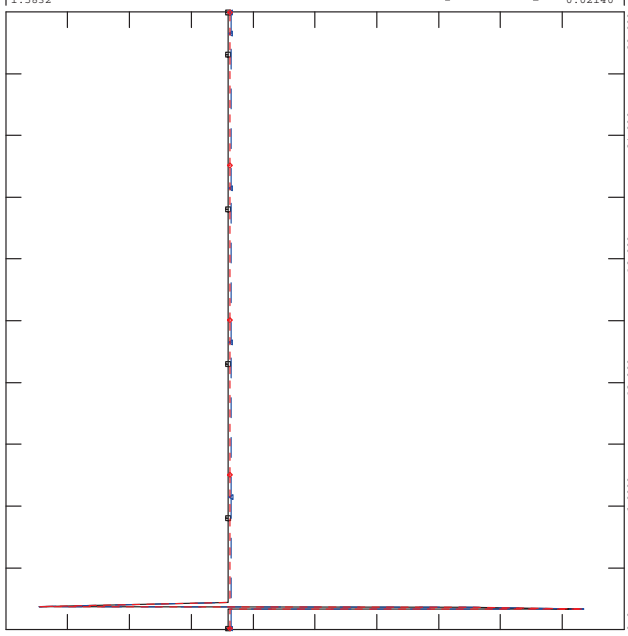
TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.5972 0.01990

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5977 0.01980

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5832 0.02140



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_08_954L_METISKOW

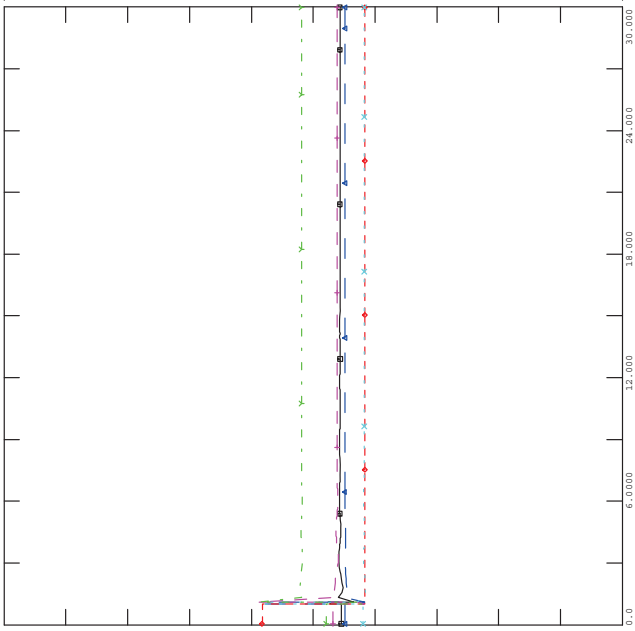
FILE: Scn4_2028SP_08_954L_Metiskow.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
632.99 -449.5
CHNL# 553: [9L27 P]
625.04 -729.0
CHNL# 551: [9L966 P]
923.94 -646.4
CHNL# 549: [954L P]
1865.5 -1333.
CHNL# 547: [9L20 P]
590.27 -974.2
CHNL# 545: [398L P]
47.166 -41.97

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_08_954L_METISKOW

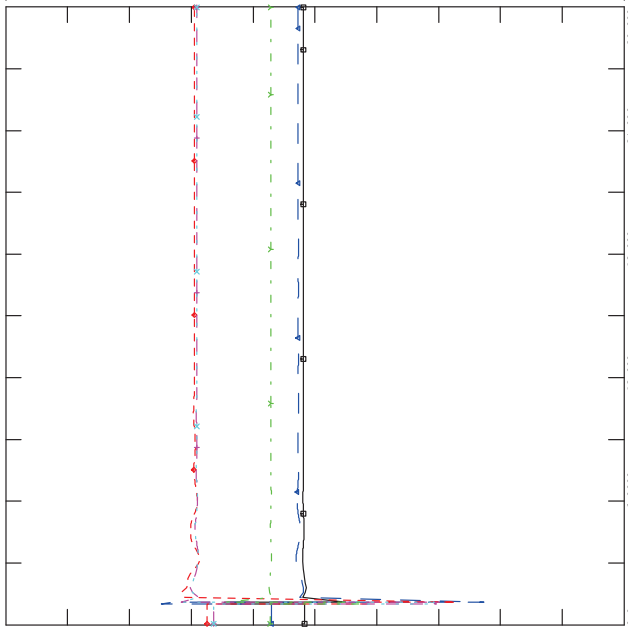
FILE: Scn4_2028SP_08_954L_Metiskow.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 565: [715L P]
101.53 -72.06
CHNL# 571: [679L P]
100.73 -35.15
CHNL# 563: [680L P]
100.73 -35.15
CHNL# 561: [948L P]
78.980 -56.03
CHNL# 559: [7L224 P]
58.365 -183.3
CHNL# 557: [748L P]
38.726 -72.02

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_08_954L_METISKOW

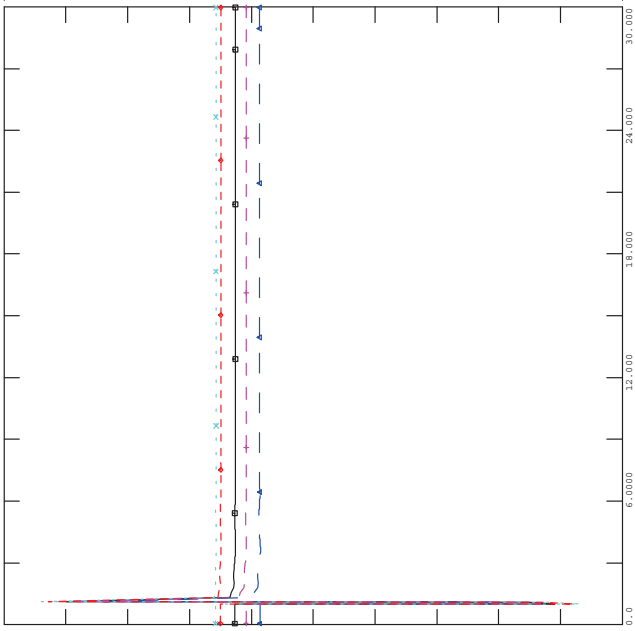
FILE: Scn4_2028SP_08_954L_Metiskow.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.6055 0.03830
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3980 0.53810
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.5498 0.18860
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.3147 0.66680
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.4445 0.42920

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_08_954L_METISKOW

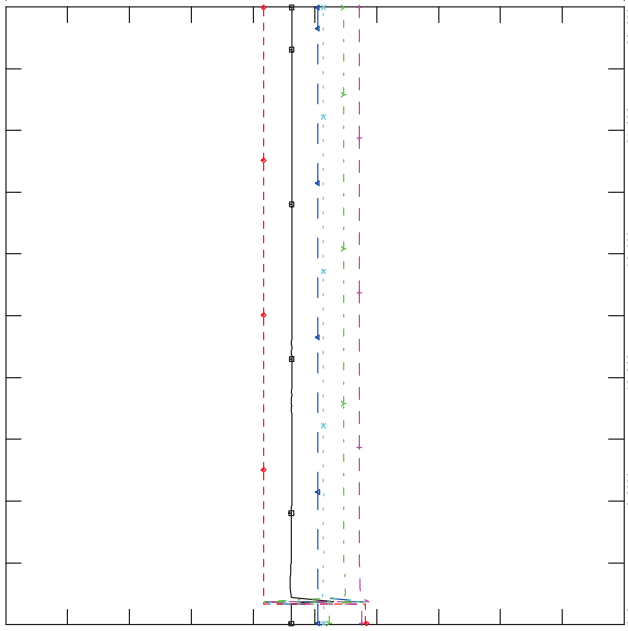
FILE: Scn4_2028SP_08_954L_Metiskow.out

TUE, AUG 13 2024 7:57

BRANCH Q

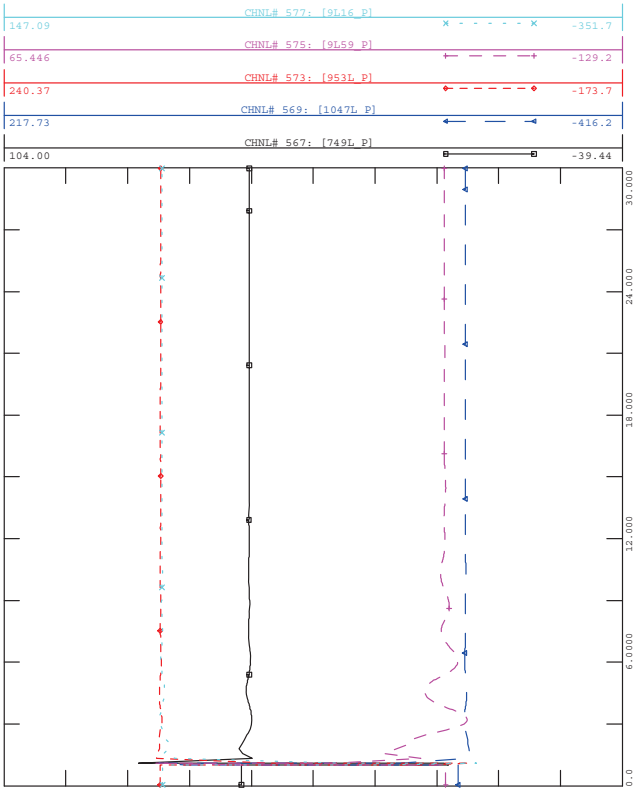
CHNL# 556: [885L Q]
426.00 -363.4
CHNL# 554: [9L27 Q]
2300.4 -2160.
CHNL# 552: [9L966 Q]
1014.7 -833.8
CHNL# 550: [954L Q]
572.27 -801.2
CHNL# 548: [9L20 Q]
1315.5 -1246.
CHNL# 546: [398L Q]
47.165 -47.67

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_08_954L_METISKOW

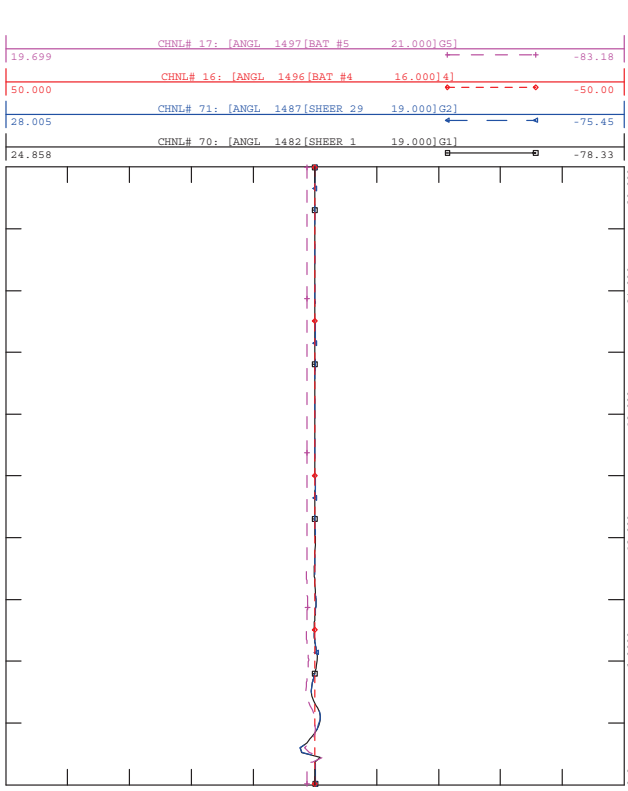
FILE: Scn4_2028SP_08_954L_Metiskow.out



TUE, AUG 13 2024 7:57
BRANCH P

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_09_954L_HANSMANLAKE

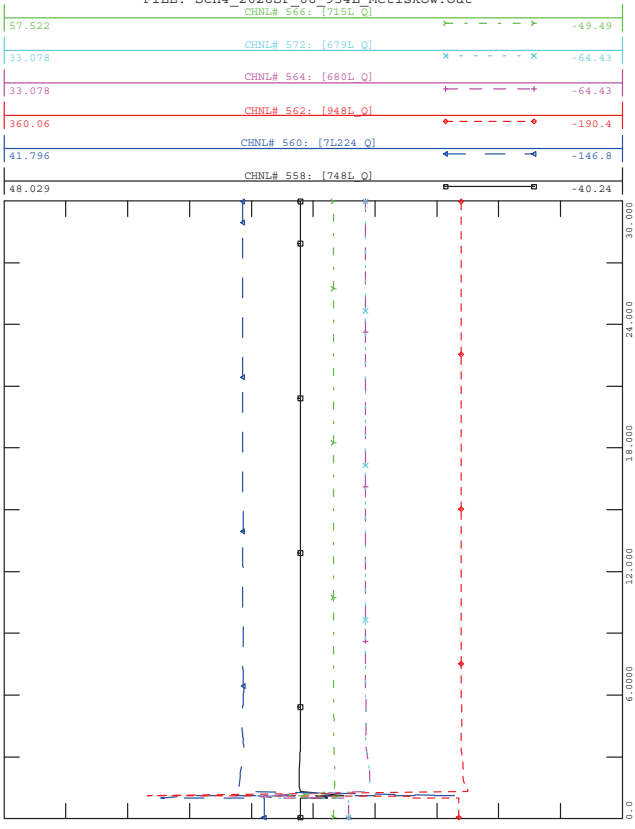
FILE: Scn4_2028SP_09_954L_HansmanLake.out



TUE, AUG 13 2024 7:57
ROTOR ANGLE

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_08_954L_METISKOW

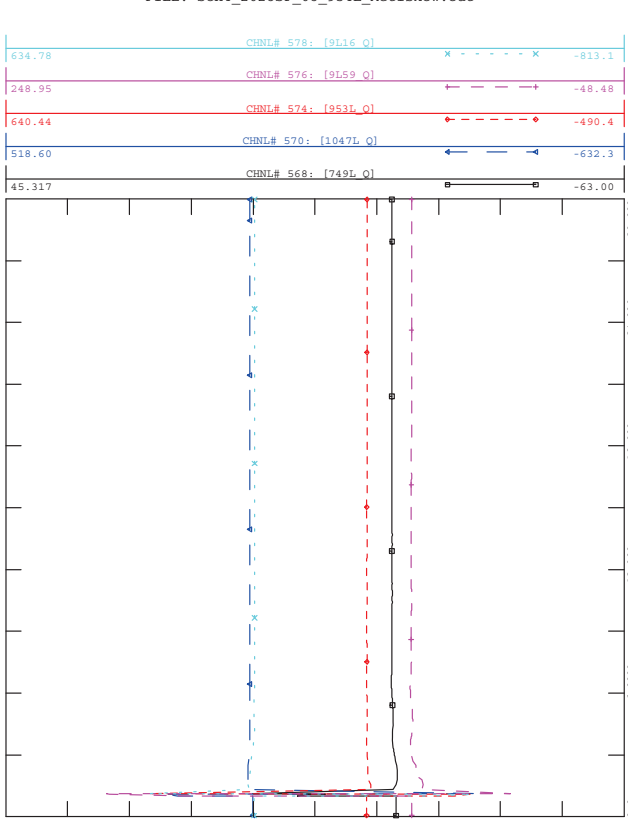
FILE: Scn4_2028SP_08_954L_Metiskow.out



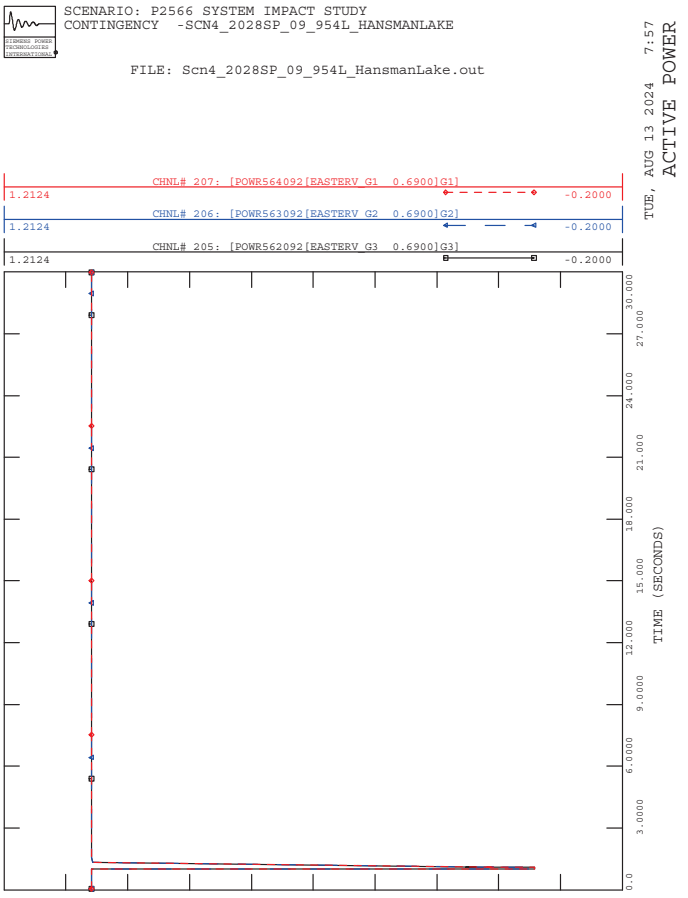
TUE, AUG 13 2024 7:57
BRANCH Q

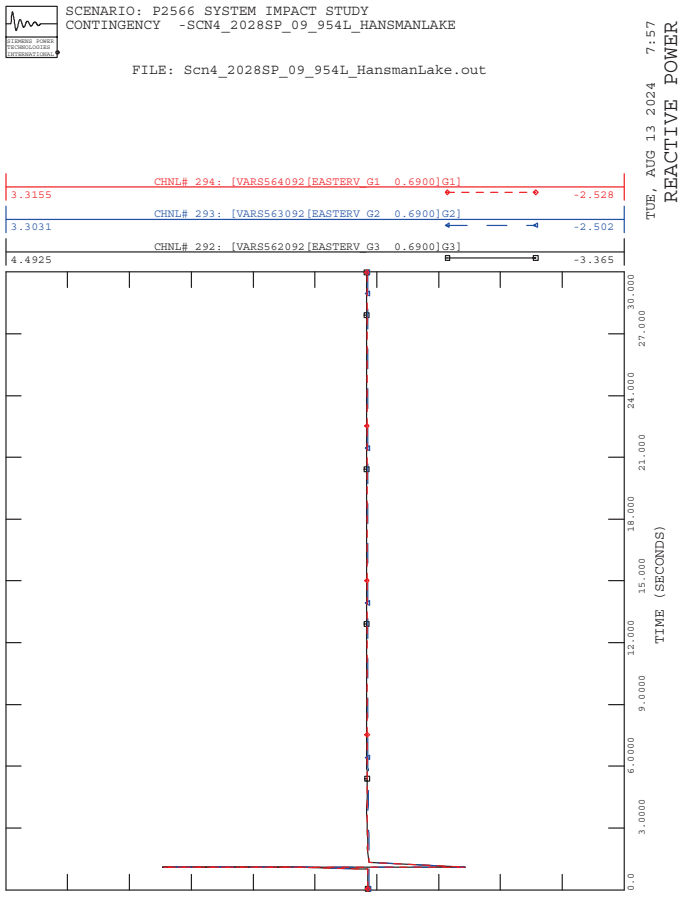
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_08_954L_METISKOW

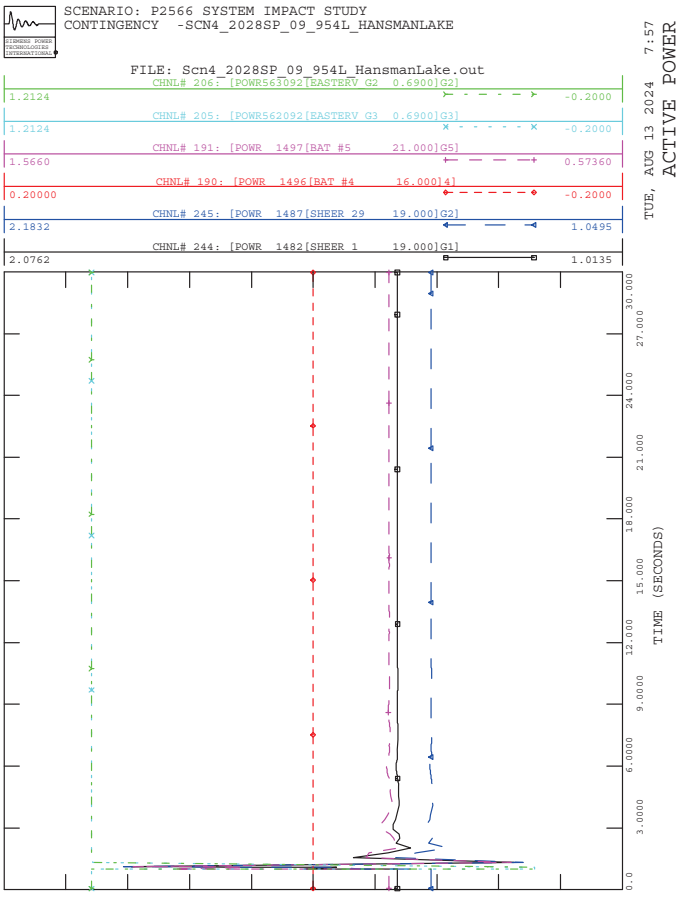
FILE: Scn4_2028SP_08_954L_Metiskow.out

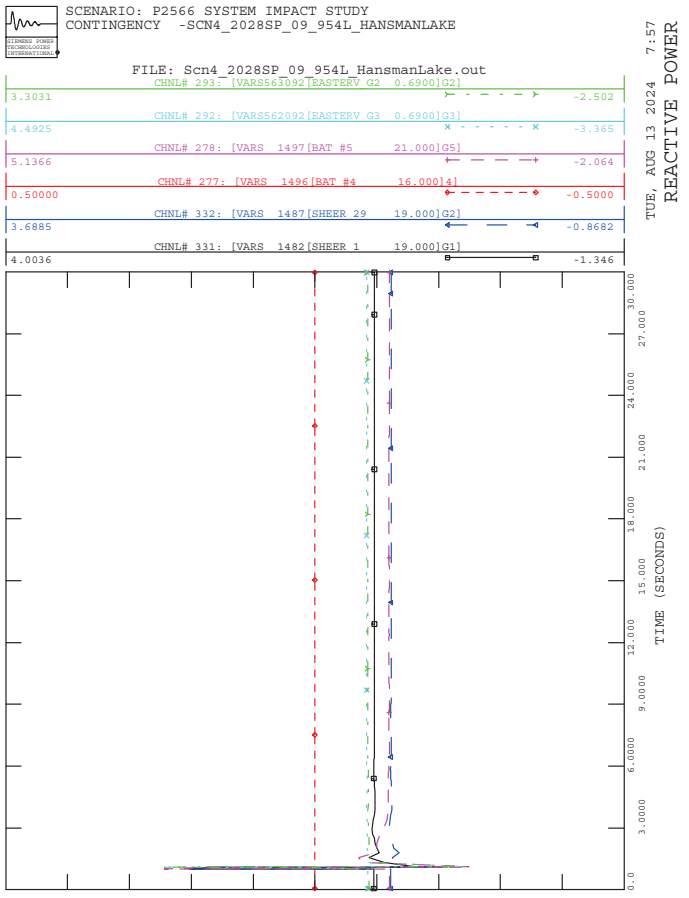


TUE, AUG 13 2024 7:57
BRANCH Q


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_09_954L_HANSMANLAKE
FILE: Scn4_2028SP_09_954L_HansmanLake.out
TUE, AUG 13 2024 7:57
ACTIVE POWER
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2124
-0.2000
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2124
-0.2000
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2124
-0.2000
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_09_954L_HANSMANLAKE
FILE: Scn4_2028SP_09_954L_HansmanLake.out
TUE, AUG 13 2024 7:57
REACTIVE POWER
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
3.3155
-2.528
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
3.3031
-2.502
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
4.4925
-3.365
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_09_954L_HANSMANLAKE
FILE: Scn4_2028SP_09_954L_HansmanLake.out
TUE, AUG 13 2024 7:57
ACTIVE POWER
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2124
-0.2000
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2124
-0.2000
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.5660
0.57360
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000
-0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
2.1832
1.0495
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
2.0762
1.0135
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_09_954L_HANSMANLAKE
FILE: Scn4_2028SP_09_954L_HansmanLake.out
TUE, AUG 13 2024 7:57
REACTIVE POWER
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
3.3031
-2.502
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
4.4925
-3.365
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
5.1366
-2.064
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000
-0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
3.6885
-0.8682
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
4.0036
-1.346
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_09_954L_HANSMANLAKE

FILE: Scn4_2028SP_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.4659 0.02010

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4630 0.02000

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4770 0.02190

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_09_954L_HANSMANLAKE

FILE: Scn4_2028SP_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.3130 0.03950

CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2452 0.54690

CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.2822 0.19220

CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2121 0.67370

CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2660 0.43620

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_09_954L_HANSMANLAKE

FILE: Scn4_2028SP_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4630 0.02000

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4770 0.02190

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1824 0.69720

CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1843 0.74520

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1738 0.75490

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_09_954L_HANSMANLAKE

FILE: Scn4_2028SP_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILEY TP 138.00]]
1.2867 0.03030

CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.3417 -0.0999

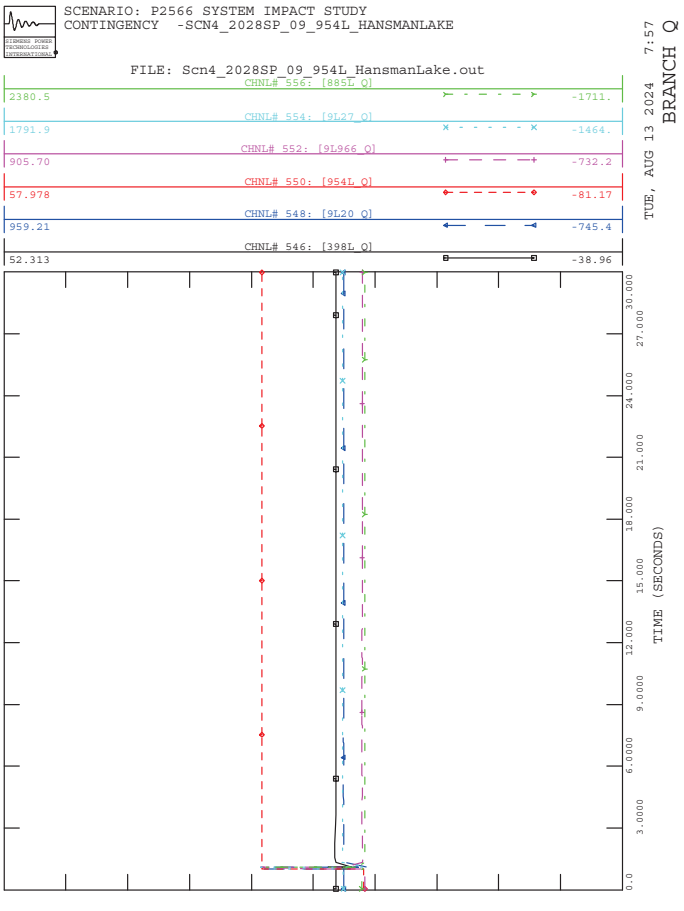
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.2354 0.19560

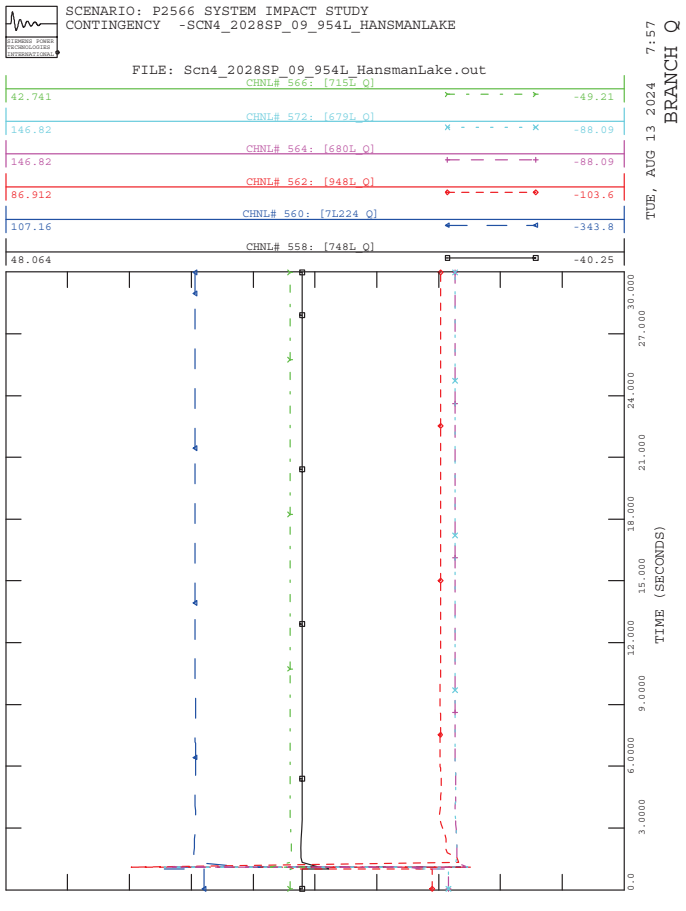
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.2897 0.02850

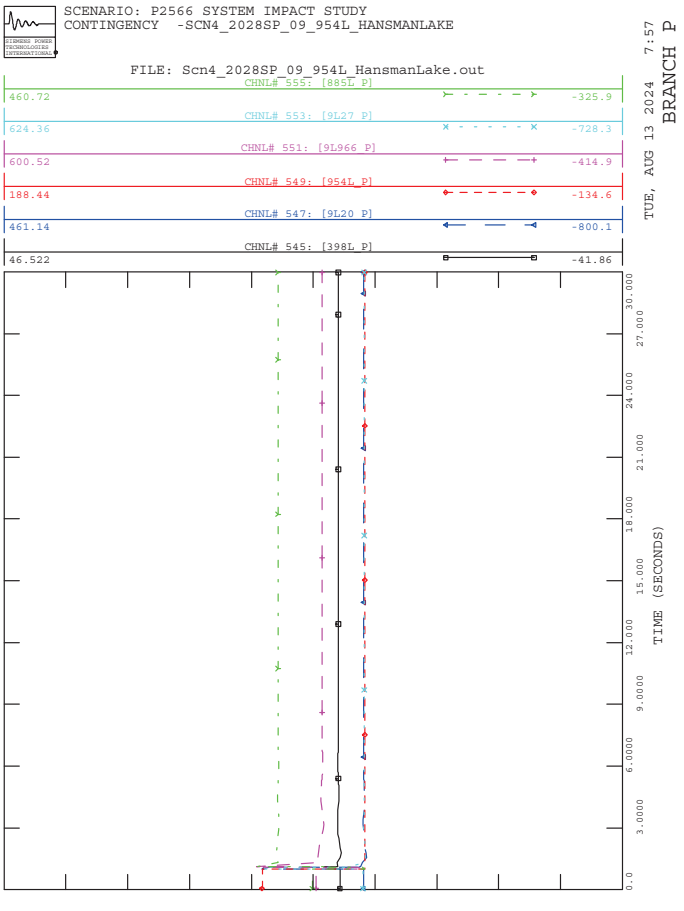
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.2863 0.02820

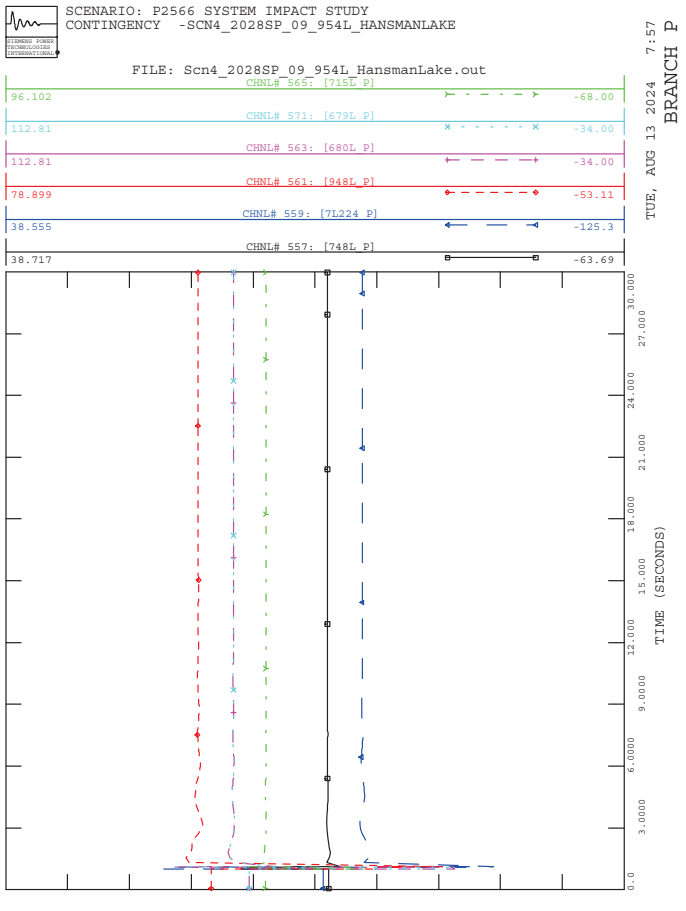
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.2890 -0.0080

TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_09_954L_HANSMANLAKE
FILE: Scn4_2028SP_09_954L_HansmanLake.out
CHNL# 556: [885L Q]
2380.5
-1711.
CHNL# 554: [9L27 Q]
1791.9
-1464.
CHNL# 552: [9L966 Q]
905.70
-732.2
CHNL# 550: [954L Q]
57.978
-81.17
CHNL# 548: [9L20 Q]
959.21
-745.4
CHNL# 546: [398L Q]
52.313
-38.96
BRANCH Q
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_09_954L_HANSMANLAKE
FILE: Scn4_2028SP_09_954L_HansmanLake.out
CHNL# 566: [715L Q]
42.741
-49.21
CHNL# 572: [679L Q]
146.82
-88.09
CHNL# 564: [680L Q]
146.82
-88.09
CHNL# 562: [948L Q]
86.912
-103.6
CHNL# 560: [7L224 Q]
107.16
-343.8
CHNL# 558: [748L Q]
48.064
-40.25
BRANCH Q
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_09_954L_HANSMANLAKE
FILE: Scn4_2028SP_09_954L_HansmanLake.out
CHNL# 555: [885L P]
460.72
-325.9
CHNL# 553: [9L27 P]
624.36
-728.3
CHNL# 551: [9L966 P]
600.52
-414.9
CHNL# 549: [954L P]
188.44
-134.6
CHNL# 547: [9L20 P]
461.14
-800.1
CHNL# 545: [398L P]
46.522
-41.86
BRANCH P
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_09_954L_HANSMANLAKE
FILE: Scn4_2028SP_09_954L_HansmanLake.out
CHNL# 565: [715L P]
96.102
-68.00
CHNL# 571: [679L P]
112.81
-34.00
CHNL# 563: [680L P]
112.81
-34.00
CHNL# 561: [948L P]
78.899
-53.11
CHNL# 559: [7L224 P]
38.555
-125.3
CHNL# 557: [748L P]
38.717
-63.69
BRANCH P
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_09_954L_HANSMANLAKE

FILE: Scn4_2028SP_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16_Q] 394.53 -729.3
CHNL# 576: [9L59_Q] 235.90 -12.35
CHNL# 574: [953L_Q] 179.06 -329.6
CHNL# 570: [1047L_Q] 437.90 -450.2
CHNL# 568: [749L_Q] 32.727 -85.63

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_10_885L_METISKOW

FILE: Scn4_2028SP_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2] 1.3277 -0.0866
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3] 1.8484 -0.0636
CHNL# 191: [POWR 1497[BAT #5 21.000]G5] 1.3997 0.39380
CHNL# 190: [POWR 1496[BAT #4 16.000]4] 0.20000 -0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2] 1.9854 1.0025
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1] 1.9474 0.95120

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_09_954L_HANSMANLAKE

FILE: Scn4_2028SP_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P] 147.10 -353.0
CHNL# 575: [9L59_P] 61.620 -125.9
CHNL# 573: [953L_P] 239.97 -173.7
CHNL# 569: [1047L_P] 214.88 -415.0
CHNL# 567: [749L_P] 88.967 -39.32

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_10_885L_METISKOW

FILE: Scn4_2028SP_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5] 19.938 -87.39
CHNL# 16: [ANGL 1496[BAT #4 16.000]4] 50.000 -50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2] 28.862 -77.07
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1] 25.839 -79.46

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_10_885L_METISKOW

FILE: Scn4_2028SP_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV_G2 0.6900]G2]
1.2131 -0.6780

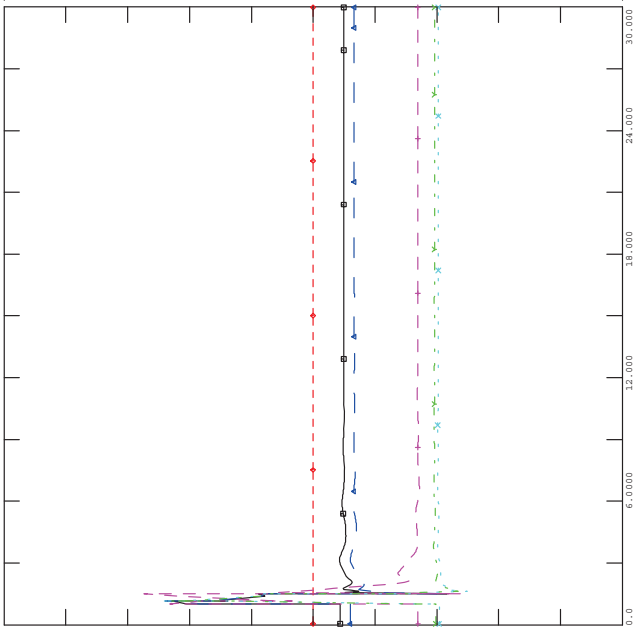
CHNL# 292: [VARS562092[EASTERV_G3 0.6900]G3]
1.5977 -0.8243

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
4.2842 -1.115

CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000 -0.5000

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
3.5802 -1.292

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
3.6127 -1.532



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_10_885L_METISKOW

FILE: Scn4_2028SP_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV_G2 0.6900]G2]
1.4569 0.25390

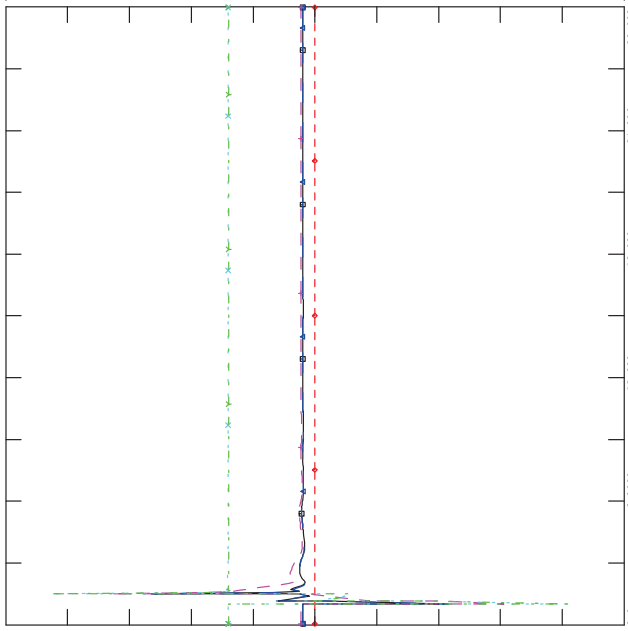
CHNL# 466: [ETRM562092[EASTERV_G3 0.6900]G3]
1.4511 0.25510

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.3042 0.75090

CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2047 0.77870

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1977 0.78640



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_10_885L_METISKOW

FILE: Scn4_2028SP_10_885L_Metiskow.out

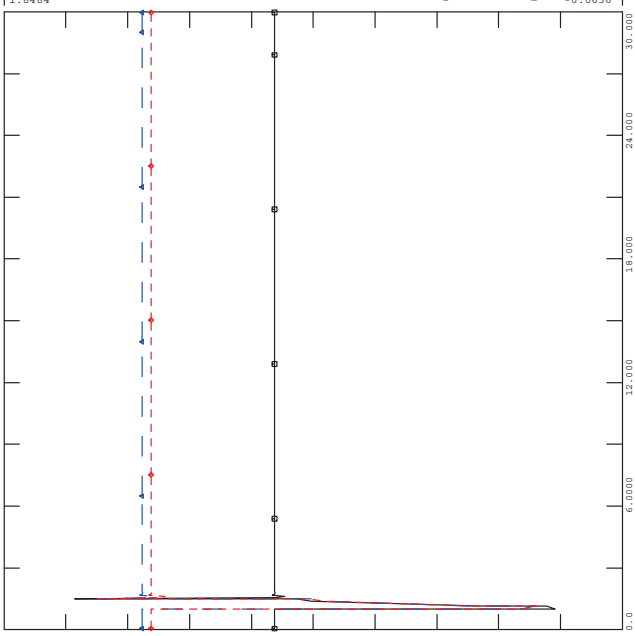
TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV_G1 0.6900]G1]
1.3545 -0.0850

CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2]
1.3277 -0.0866

CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3]
1.8484 -0.0636



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_10_885L_METISKOW

FILE: Scn4_2028SP_10_885L_Metiskow.out

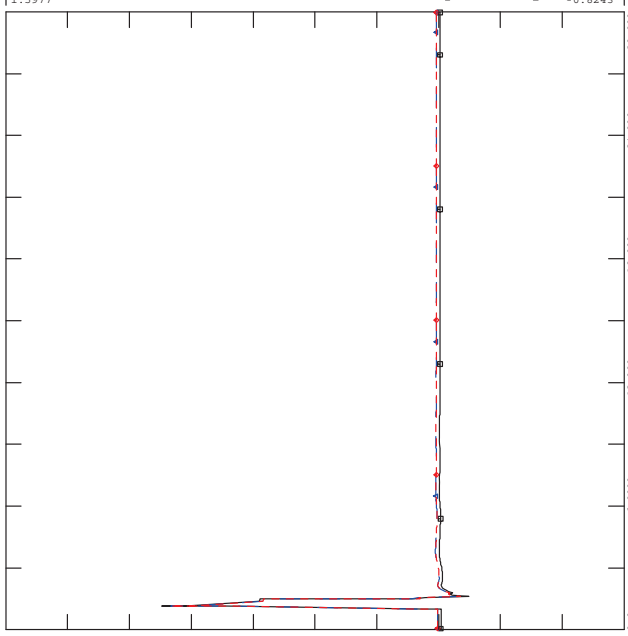
TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV_G1 0.6900]G1]
1.2141 -0.6777

CHNL# 293: [VARS563092[EASTERV_G2 0.6900]G2]
1.2131 -0.6780

CHNL# 292: [VARS562092[EASTERV_G3 0.6900]G3]
1.5977 -0.8243



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_10_885L_METISKOW

FILE: Scn4_2028SP_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4454 -0.0472

CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5382 0.20690

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4015 0.32280

CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4638 -0.0480

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4519 -0.0484

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4457 -0.0999

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_10_885L_METISKOW

FILE: Scn4_2028SP_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
5000.0 -5000.

CHNL# 553: [9L27 P]
534.30 -784.0

CHNL# 551: [9L966 P]
658.78 -443.2

CHNL# 549: [954L P]
450.61 -317.0

CHNL# 547: [9L20 P]
494.17 -956.0

CHNL# 545: [398L P]
177.06 -171.0

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_10_885L_METISKOW

FILE: Scn4_2028SP_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.4568 0.25460

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4569 0.25390

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4511 0.25510

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_10_885L_METISKOW

FILE: Scn4_2028SP_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.5046 0.28030

CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3542 0.63720

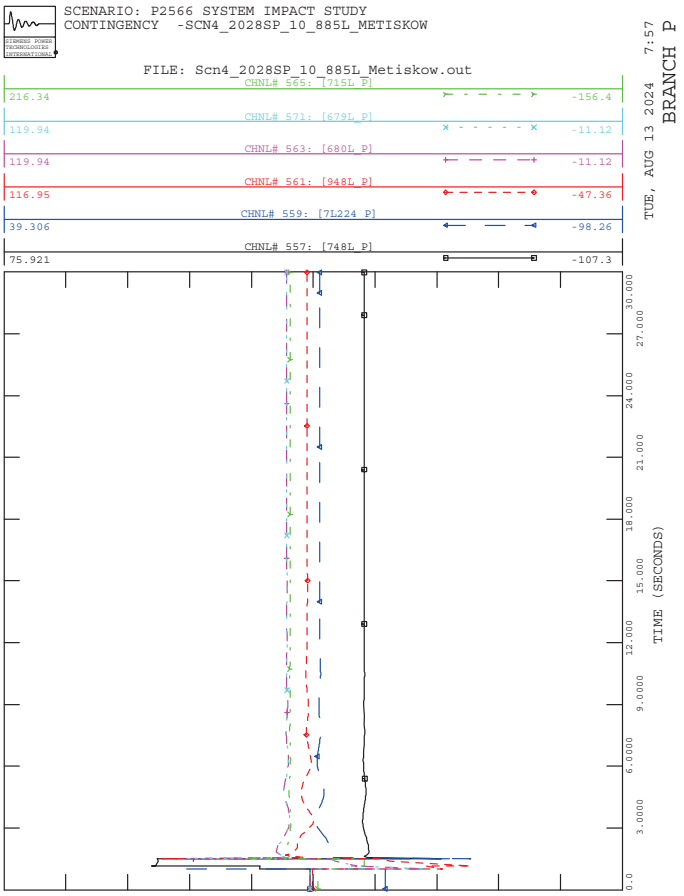
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4659 0.36670

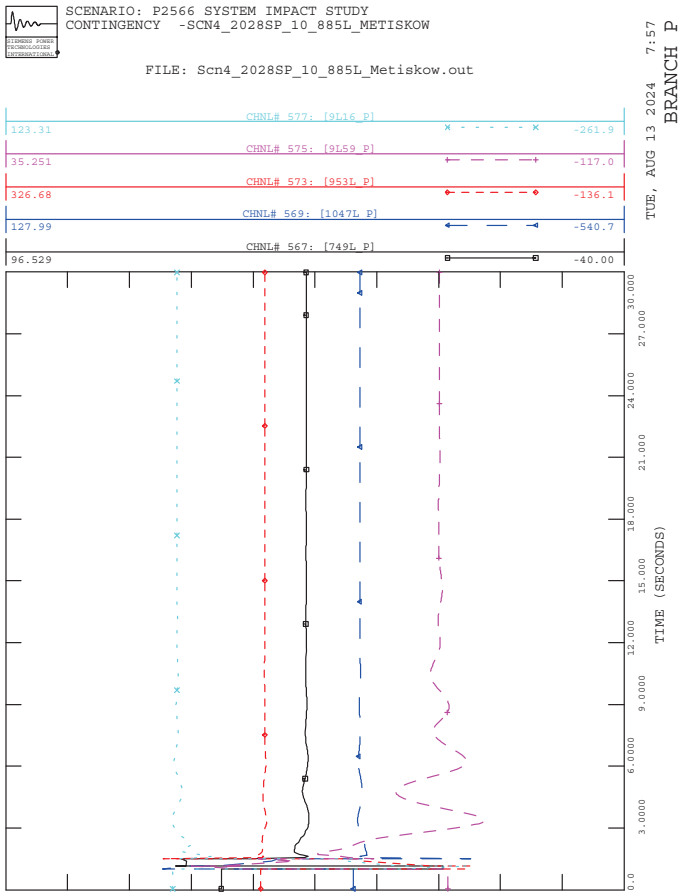
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2821 0.73210

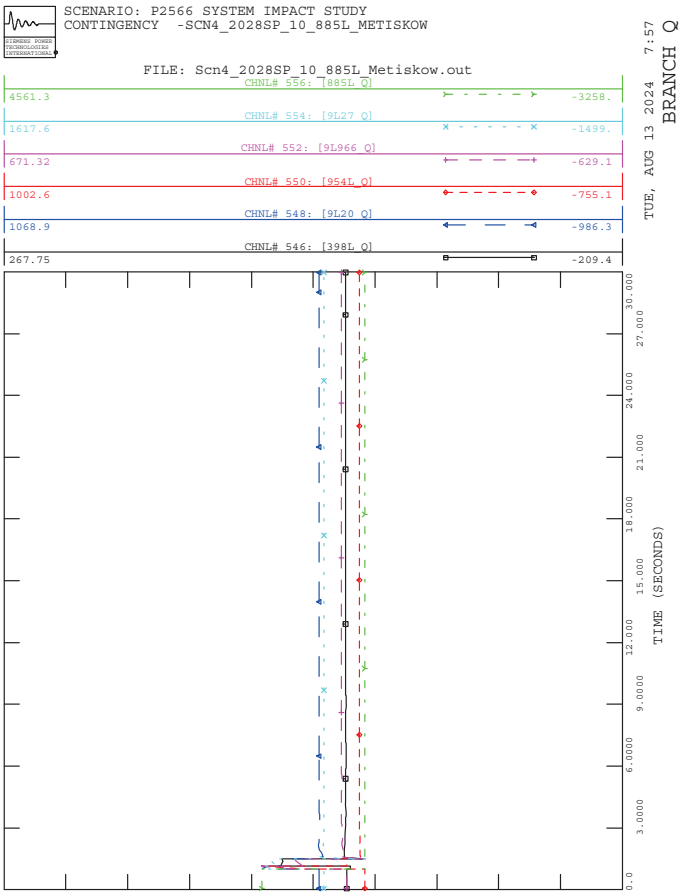
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3899 0.56170

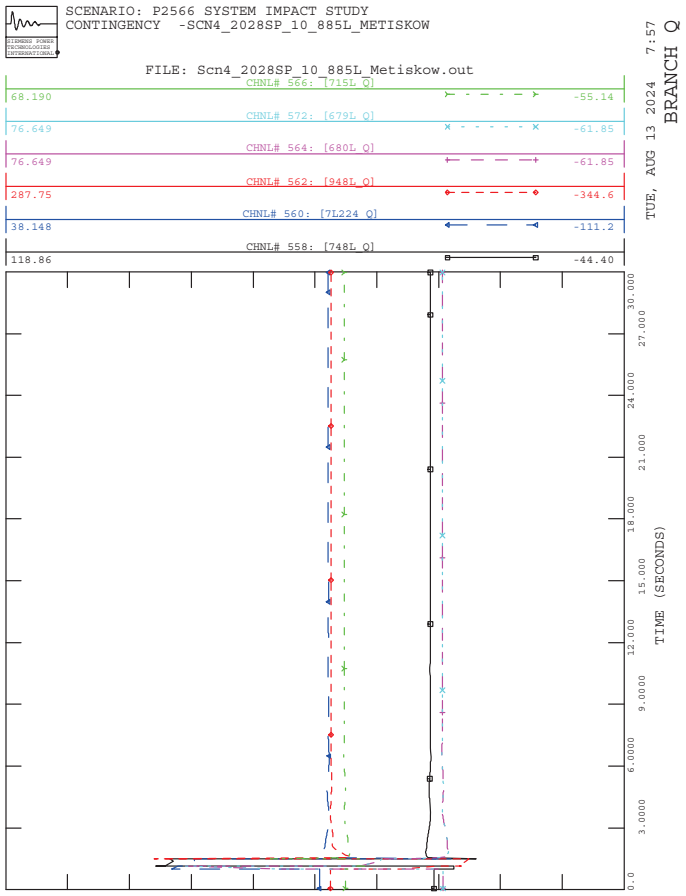
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_10_885L_METISKOW
FILE: Scn4_2028SP_10_885L_Metiskow.out
CHNL# 565: [715L P]
216.34
-156.4
CHNL# 571: [679L P]
119.94
-11.12
CHNL# 563: [680L P]
119.94
-11.12
CHNL# 561: [948L P]
116.95
-47.36
CHNL# 559: [7L224 P]
39.306
-98.26
CHNL# 557: [748L P]
75.921
-107.3
BRANCH P
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_10_885L_METISKOW
FILE: Scn4_2028SP_10_885L_Metiskow.out
CHNL# 577: [9L16 P]
123.31
-261.9
CHNL# 575: [9L59 P]
35.251
-117.0
CHNL# 573: [953L P]
326.68
-136.1
CHNL# 569: [1047L P]
127.99
-540.7
CHNL# 567: [749L P]
96.529
-40.00
BRANCH P
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_10_885L_METISKOW
FILE: Scn4_2028SP_10_885L_Metiskow.out
CHNL# 556: [885L Q]
4561.3
-3258.
CHNL# 554: [9L27 Q]
1617.6
-1499.
CHNL# 552: [9L966 Q]
671.32
-629.1
CHNL# 550: [954L Q]
1002.6
-755.1
CHNL# 548: [9L20 Q]
1068.9
-986.3
CHNL# 546: [398L Q]
267.75
-209.4
BRANCH Q
TUE, AUG 13 2024 7:57
TIME (SECONDS)
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9.0000
12.000
15.000
18.000
21.000
24.000
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30.000

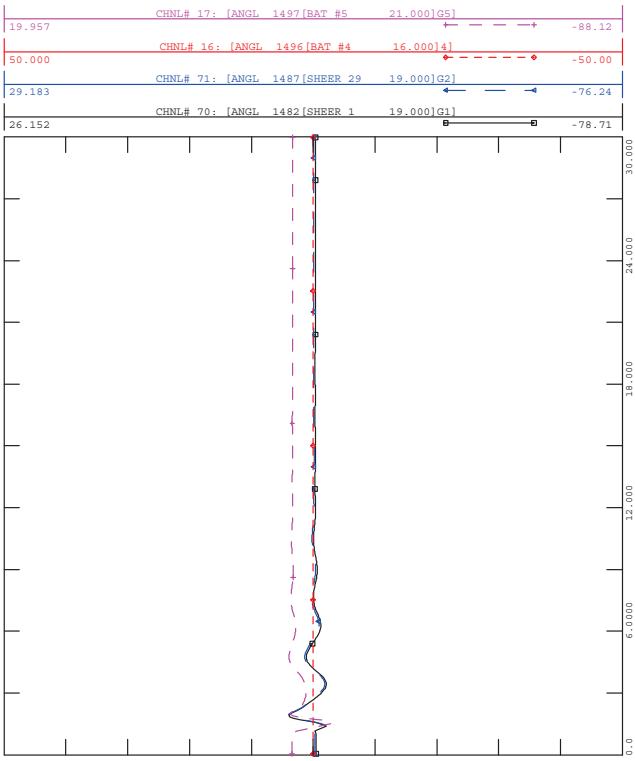

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_10_885L_METISKOW
FILE: Scn4_2028SP_10_885L_Metiskow.out
CHNL# 566: [715L Q]
68.190
-55.14
CHNL# 572: [679L Q]
76.649
-61.85
CHNL# 564: [680L Q]
76.649
-61.85
CHNL# 562: [948L Q]
287.75
-344.6
CHNL# 560: [7L224 Q]
38.148
-111.2
CHNL# 558: [748L Q]
118.86
-44.40
BRANCH Q
TUE, AUG 13 2024 7:57
TIME (SECONDS)
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3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_11_885L_HANSMANLAKE

FILE: Scn4_2028SP_11_885L_HansmanLake.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

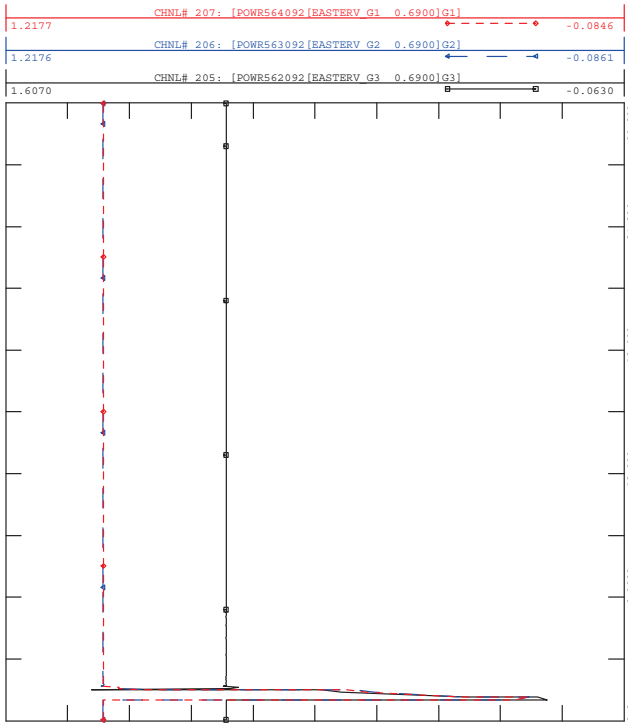


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_11_885L_HANSMANLAKE

FILE: Scn4_2028SP_11_885L_HansmanLake.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

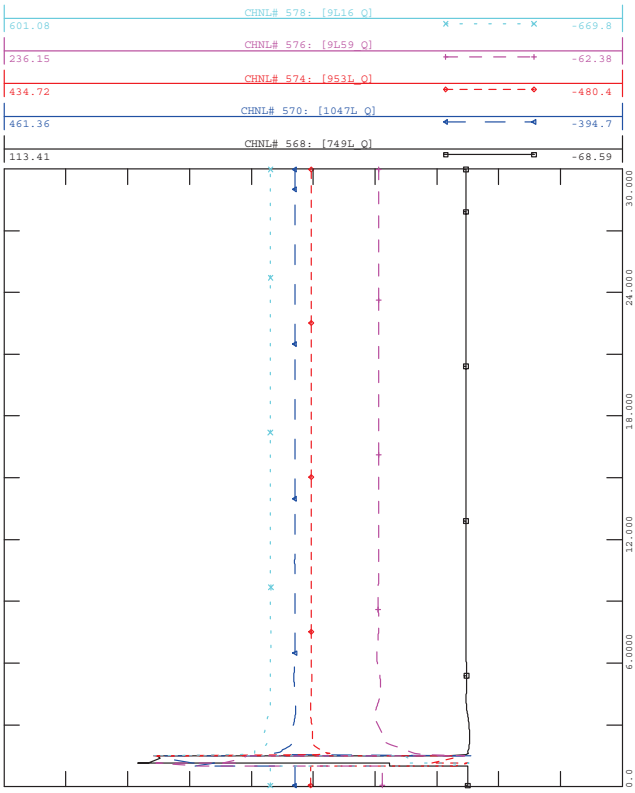


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_10_885L_METISKOW

FILE: Scn4_2028SP_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

BRANCH Q

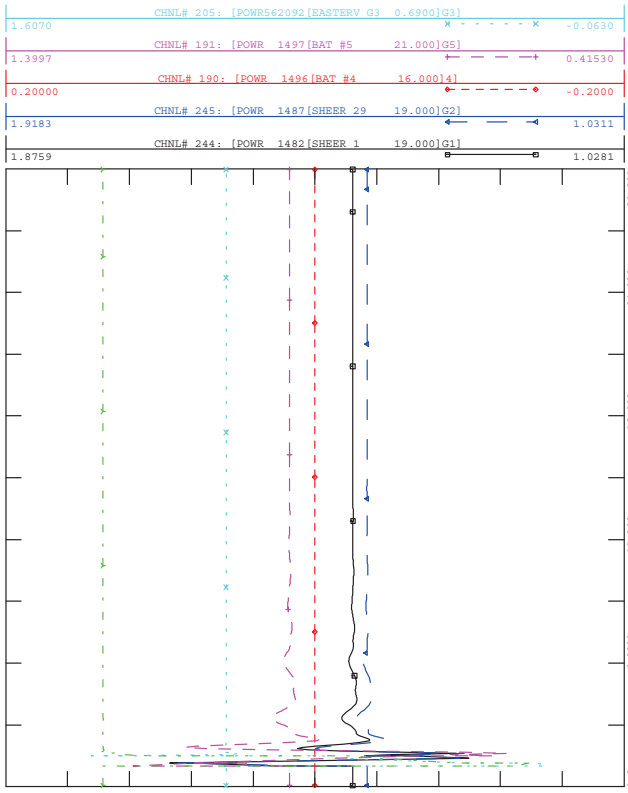


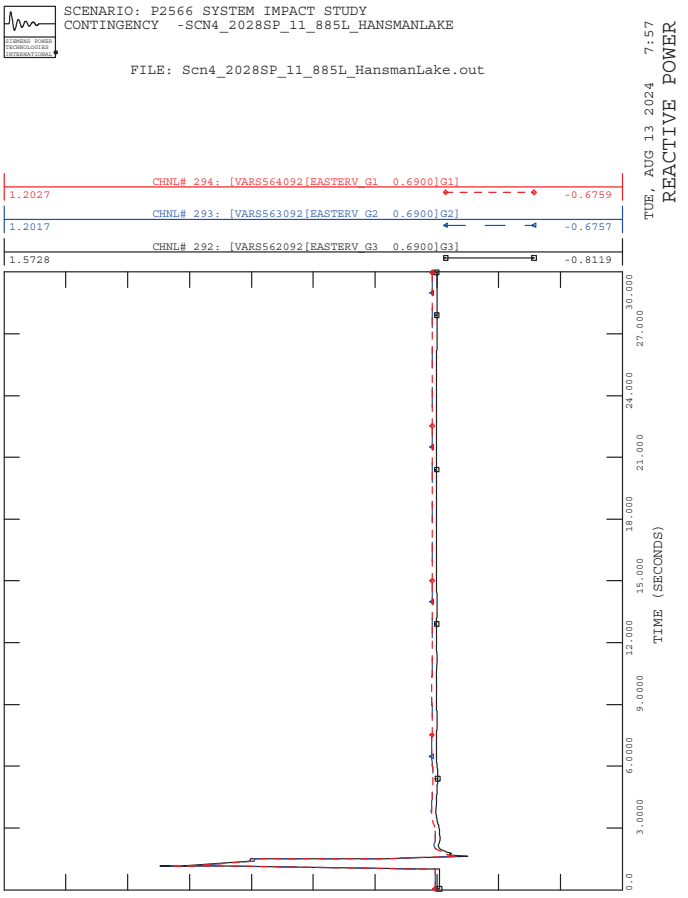
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_11_885L_HANSMANLAKE

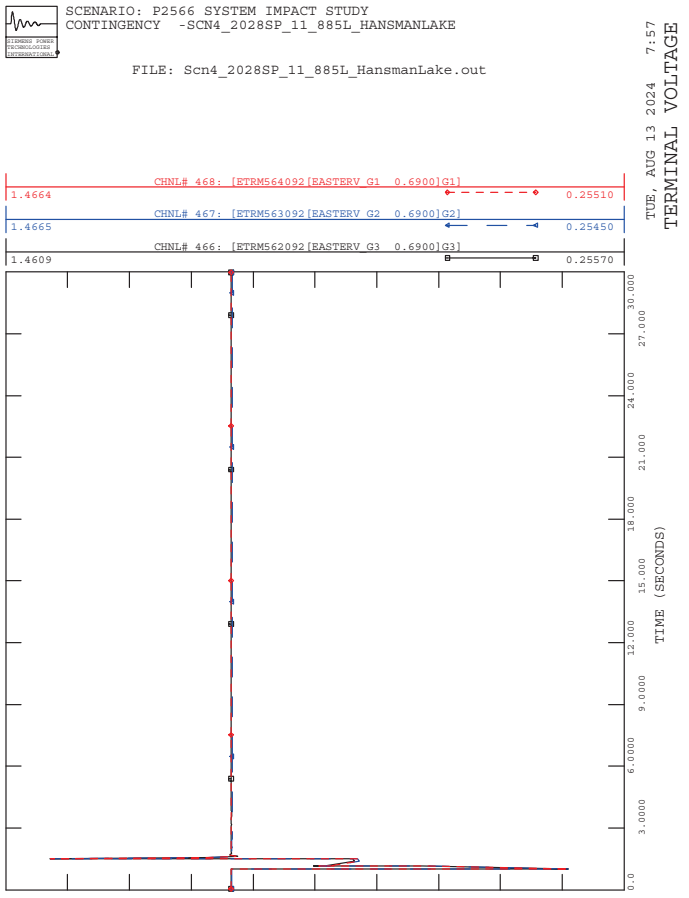
FILE: Scn4_2028SP_11_885L_HansmanLake.out

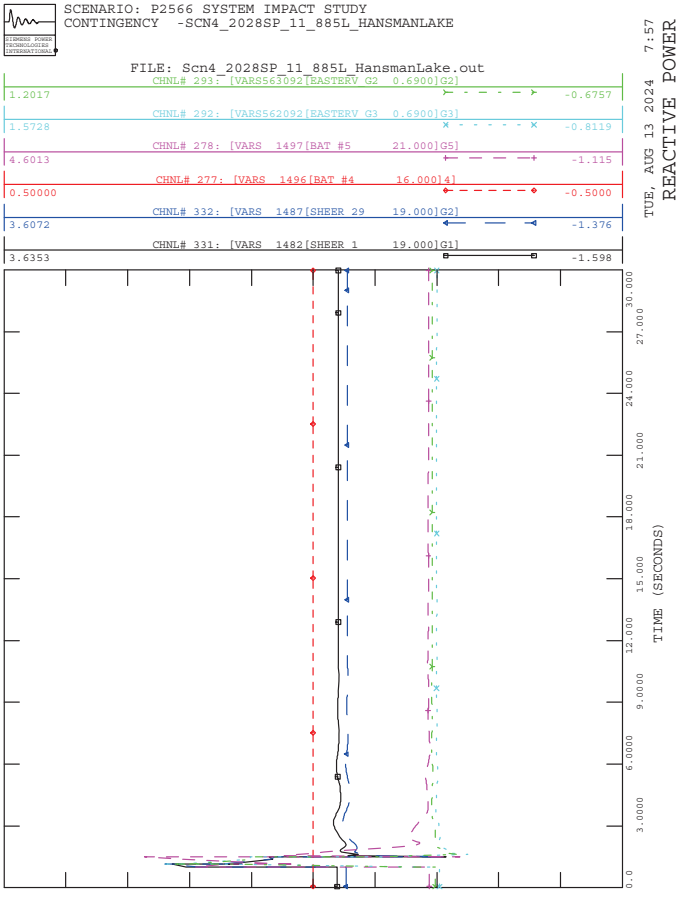
TUE, AUG 13 2024 7:57

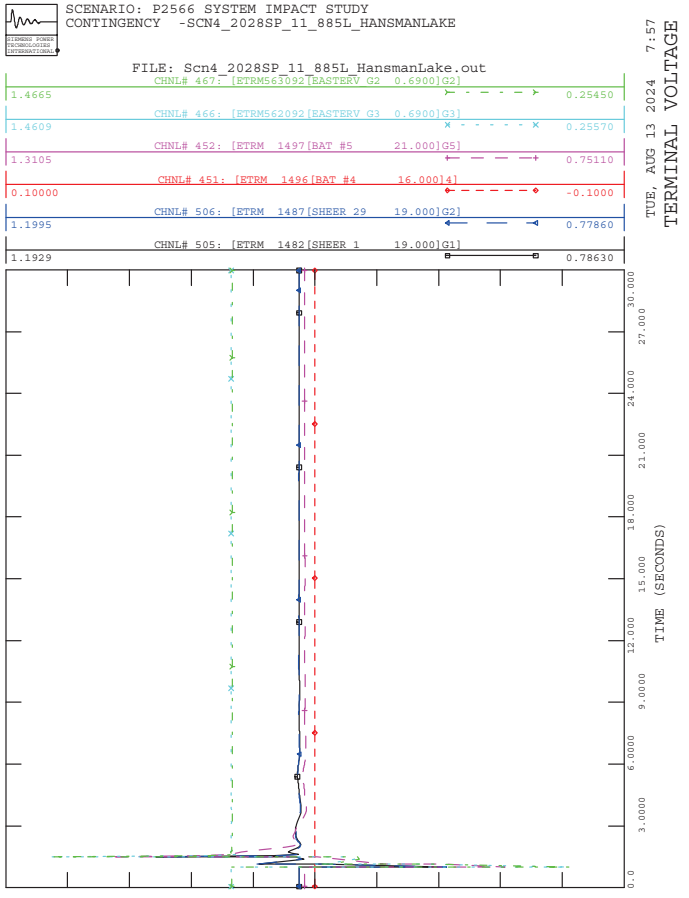
ACTIVE POWER




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_11_885L_HANSMANLAKE
FILE: Scn4_2028SP_11_885L_HansmanLake.out
TUE, AUG 13 2024 7:57
REACTIVE POWER
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.2027
-0.6759
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.2017
-0.6757
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.5728
-0.8119
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_11_885L_HANSMANLAKE
FILE: Scn4_2028SP_11_885L_HansmanLake.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 468: [ETRMS64092[EASTERV G1 0.6900]G1]
1.4664
0.25510
CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.4665
0.25450
CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.4609
0.25570
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_11_885L_HANSMANLAKE
FILE: Scn4_2028SP_11_885L_HansmanLake.out
TUE, AUG 13 2024 7:57
REACTIVE POWER
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.2017
-0.6757
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.5728
-0.8119
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
4.6013
-1.115
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000
-0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
3.6072
-1.376
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
3.6353
-1.598
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_11_885L_HANSMANLAKE
FILE: Scn4_2028SP_11_885L_HansmanLake.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.4665
0.25450
CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.4609
0.25570
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.3105
0.75110
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000
-0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1995
0.77860
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1929
0.78630
TIME (SECONDS)
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12.000
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18.000
21.000
24.000
27.000
30.000

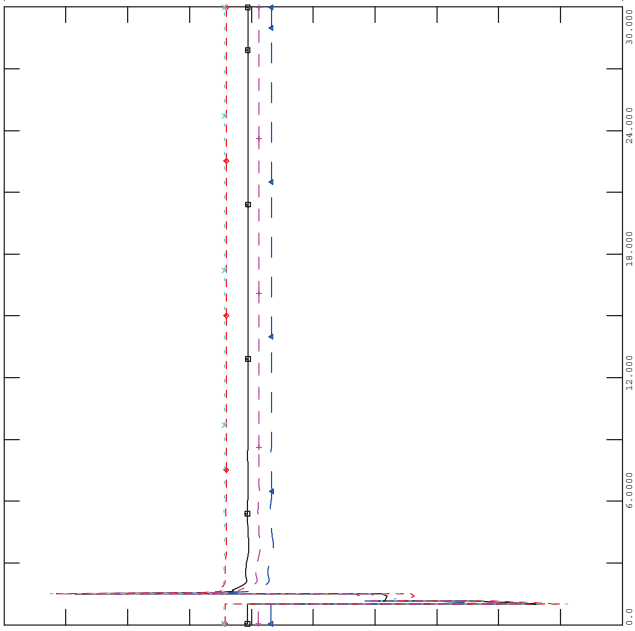
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_11_885L_HANSMANLAKE

FILE: Scn4_2028SP_11_885L_HansmanLake.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.5050 0.28090
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3578 0.63760
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4669 0.36770
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2855 0.73240
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3923 0.56200



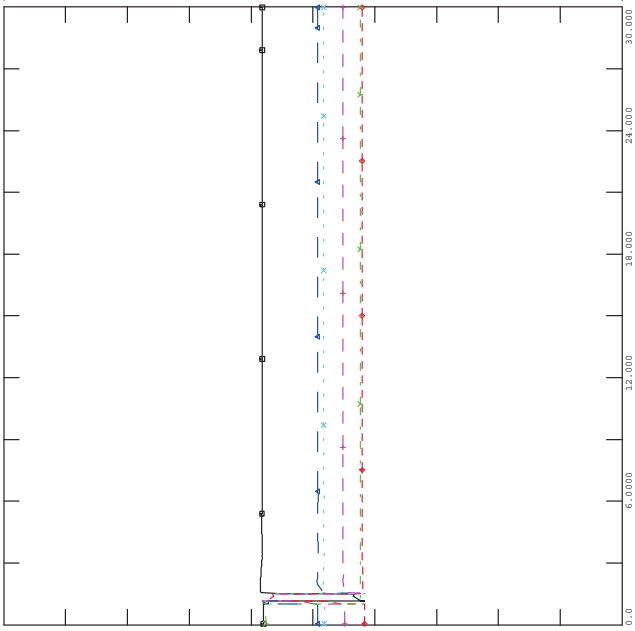
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_11_885L_HANSMANLAKE

FILE: Scn4_2028SP_11_885L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L Q]
54.456 -40.00
CHNL# 554: [9L27 Q]
1609.7 -1487.
CHNL# 552: [9L966 Q]
1260.2 -1116.
CHNL# 550: [954L Q]
2506.6 -1829.
CHNL# 548: [9L20 Q]
1080.4 -1003.
CHNL# 546: [398L Q]
161.01 -214.2



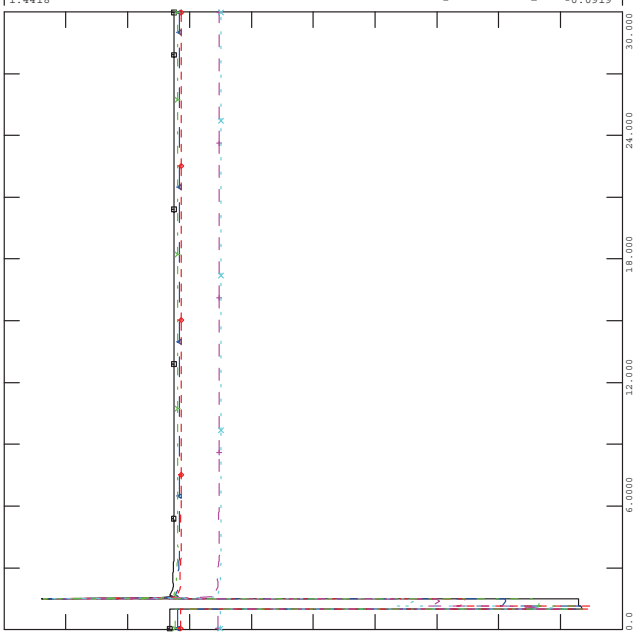
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_11_885L_HANSMANLAKE

FILE: Scn4_2028SP_11_885L_HansmanLake.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4412 -0.0422
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5336 0.20710
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4018 0.32460
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4580 -0.0480
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4470 -0.0457
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4418 -0.0919



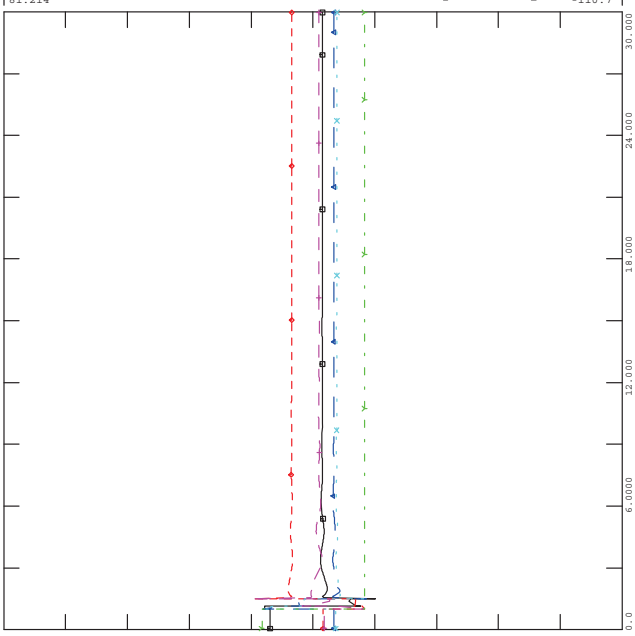
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_11_885L_HANSMANLAKE

FILE: Scn4_2028SP_11_885L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
269.16 -192.3
CHNL# 553: [9L27 P]
490.76 -722.9
CHNL# 551: [9L966 P]
664.81 -447.8
CHNL# 549: [954L P]
433.66 -304.4
CHNL# 547: [9L20 P]
463.80 -913.9
CHNL# 545: [398L P]
81.214 -110.7



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_11_885L_HANSMANLAKE

FILE: Scn4_2028SP_11_885L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 566: [715L Q] 355.44 -254.0
CHNL# 572: [679L Q] 128.43 -72.04
CHNL# 564: [680L Q] 128.43 -72.04
CHNL# 562: [948L Q] 268.83 -321.8
CHNL# 560: [7L224 Q] 40.794 -123.2
CHNL# 558: [748L Q] 55.881 -86.70

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_11_885L_HANSMANLAKE

FILE: Scn4_2028SP_11_885L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16_Q] 605.21 -670.3
CHNL# 576: [9L59_Q] 253.43 -78.09
CHNL# 574: [953L Q] 441.22 -501.3
CHNL# 570: [1047L Q] 381.48 -372.7
CHNL# 568: [749L Q] 39.239 -63.07

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_11_885L_HANSMANLAKE

FILE: Scn4_2028SP_11_885L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 565: [715L P] 218.64 -156.2
CHNL# 571: [679L P] 116.68 -11.29
CHNL# 563: [680L P] 116.68 -11.29
CHNL# 561: [948L P] 97.519 -40.02
CHNL# 559: [7L224 P] 39.927 -96.70
CHNL# 557: [748L P] 39.608 -100.1

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_11_885L_HANSMANLAKE

FILE: Scn4_2028SP_11_885L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16 P] 112.69 -258.1
CHNL# 575: [9L59 P] 35.070 -117.4
CHNL# 573: [953L P] 283.12 -121.3
CHNL# 569: [1047L P] 110.50 -487.6
CHNL# 567: [749L P] 88.967 -41.54

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_12_1047L_NILREM

FILE: Scn4_2028SP_12_1047L_Nilrem.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2]
1.2124 -0.2000

CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3]
1.2124 -0.2000

CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.6684 0.44580

CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000 -0.2000

CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
2.0540 1.1036

CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
2.0168 1.0669

TIME (SECONDS)

0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_12_1047L_NILREM

FILE: Scn4_2028SP_12_1047L_Nilrem.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV_G2 0.6900]G2]
1.0450 -0.6066

CHNL# 292: [VARS562092[EASTERV_G3 0.6900]G3]
1.2710 -0.6066

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
5.9007 -3.459

CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000 -0.5000

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
3.7109 -1.289

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
4.0260 -1.812

TIME (SECONDS)

0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_12_1047L_NILREM

FILE: Scn4_2028SP_12_1047L_Nilrem.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
19.626 -88.97

CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000 -50.00

CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
27.589 -78.07

CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
24.474 -81.00

TIME (SECONDS)

0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_12_1047L_NILREM

FILE: Scn4_2028SP_12_1047L_Nilrem.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV_G1 0.6900]G1]
1.2124 -0.2000

CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2]
1.2124 -0.2000

CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3]
1.2124 -0.2000

TIME (SECONDS)

0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_12_1047L_NILREM

FILE: Scn4_2028SP_12_1047L_Nilrem.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV_G2 0.6900]G2]
1.1232 -0.1000

CHNL# 466: [ETRM562092[EASTERV_G3 0.6900]G3]
1.1216 -0.1000

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2231 0.66640

CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2233 0.75550

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.2110 0.76470

0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_12_1047L_NILREM

FILE: Scn4_2028SP_12_1047L_Nilrem.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.5067 0.17630

CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.6137 0.15100

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3379 -0.0008

CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.5112 0.17640

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.5069 0.17460

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.5202 0.15220

0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_12_1047L_NILREM

FILE: Scn4_2028SP_12_1047L_Nilrem.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV_G1 0.6900]G1]
1.0468 -0.6066

CHNL# 293: [VARS563092[EASTERV_G2 0.6900]G2]
1.0450 -0.6066

CHNL# 292: [VARS562092[EASTERV_G3 0.6900]G3]
1.2710 -0.6066

0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_12_1047L_NILREM

FILE: Scn4_2028SP_12_1047L_Nilrem.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV_G1 0.6900]G1]
1.1253 -0.1000

CHNL# 467: [ETRM563092[EASTERV_G2 0.6900]G2]
1.1232 -0.1000

CHNL# 466: [ETRM562092[EASTERV_G3 0.6900]G3]
1.1216 -0.1000

0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_12_1047L_NILREM

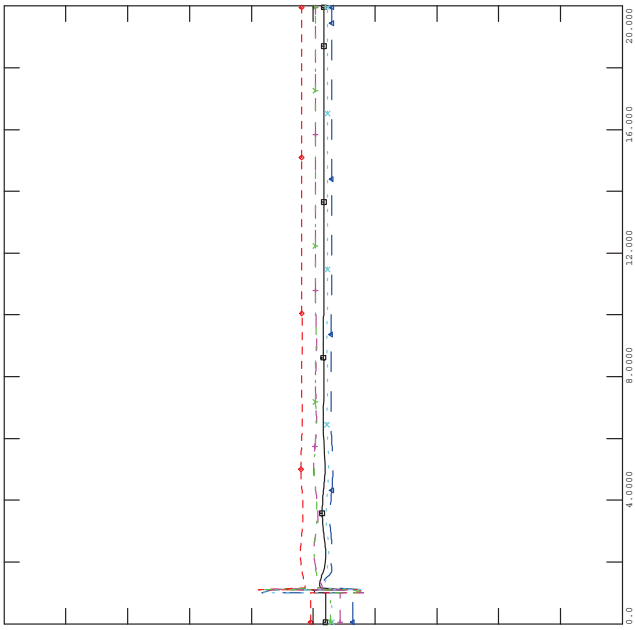
FILE: Scn4_2028SP_12_1047L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
580.28 -388.8
CHNL# 553: [9L27 P]
576.57 -816.3
CHNL# 551: [9L966 P]
864.02 -563.7
CHNL# 549: [954L P]
319.66 -218.4
CHNL# 547: [9L20 P]
574.61 -927.1
CHNL# 545: [398L P]
66.745 -64.53

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_12_1047L_NILREM

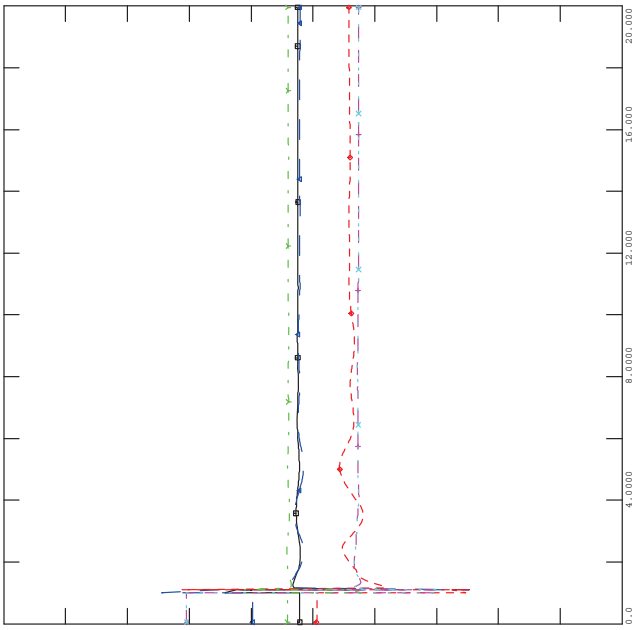
FILE: Scn4_2028SP_12_1047L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 565: [715L P]
115.89 -77.43
CHNL# 571: [679L P]
95.058 -40.33
CHNL# 563: [680L P]
95.058 -40.33
CHNL# 561: [948L P]
124.73 -52.31
CHNL# 559: [7L224 P]
41.046 -173.8
CHNL# 557: [748L P]
36.927 -71.05

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_12_1047L_NILREM

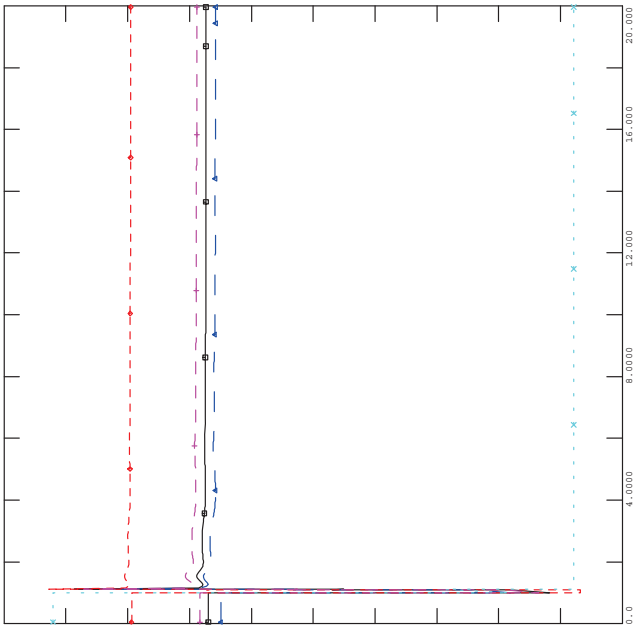
FILE: Scn4_2028SP_12_1047L_Nilrem.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.1702 -0.1000
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3246 0.49330
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3777 -0.0969
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2658 0.64090
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3782 0.43220

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_12_1047L_NILREM

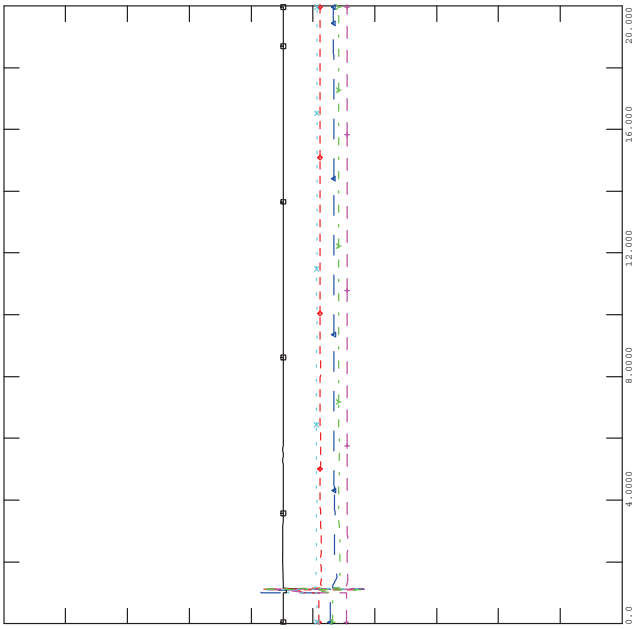
FILE: Scn4_2028SP_12_1047L_Nilrem.out

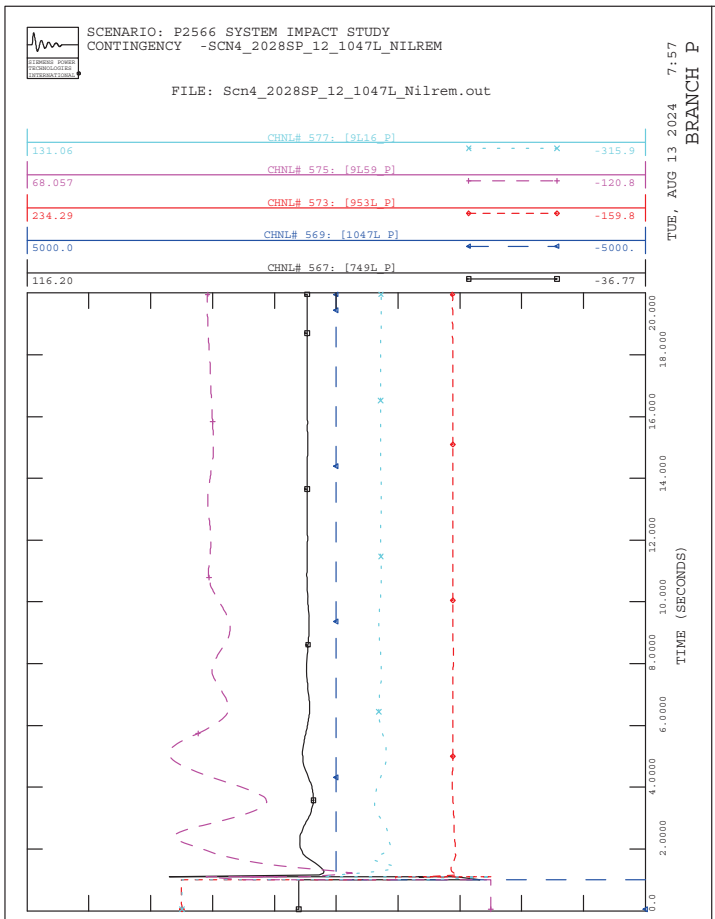
TUE, AUG 13 2024 7:57

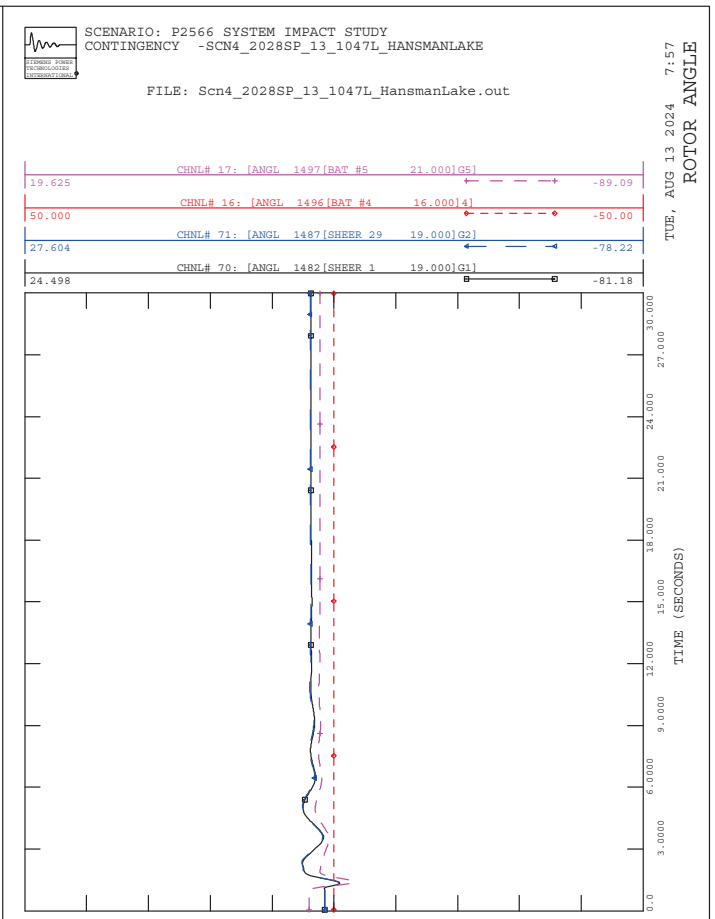
BRANCH Q

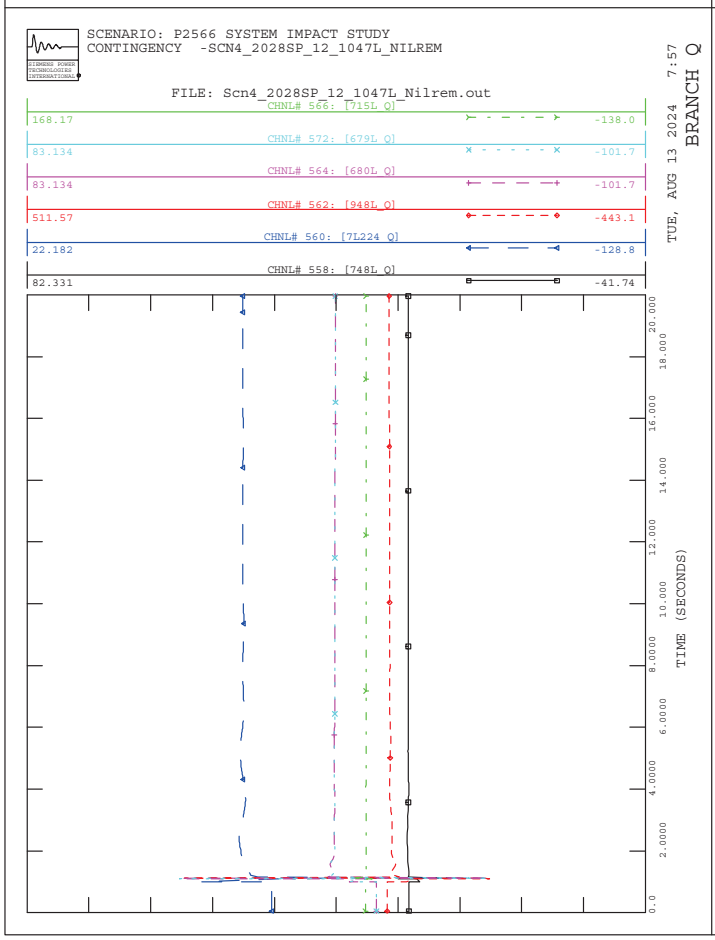
CHNL# 556: [885L Q]
488.86 -405.6
CHNL# 554: [9L27 Q]
2093.0 -2030.
CHNL# 552: [9L966 Q]
1407.6 -1224.
CHNL# 550: [954L Q]
341.51 -373.1
CHNL# 548: [9L20 Q]
1224.7 -1052.
CHNL# 546: [398L Q]
133.95 -155.0

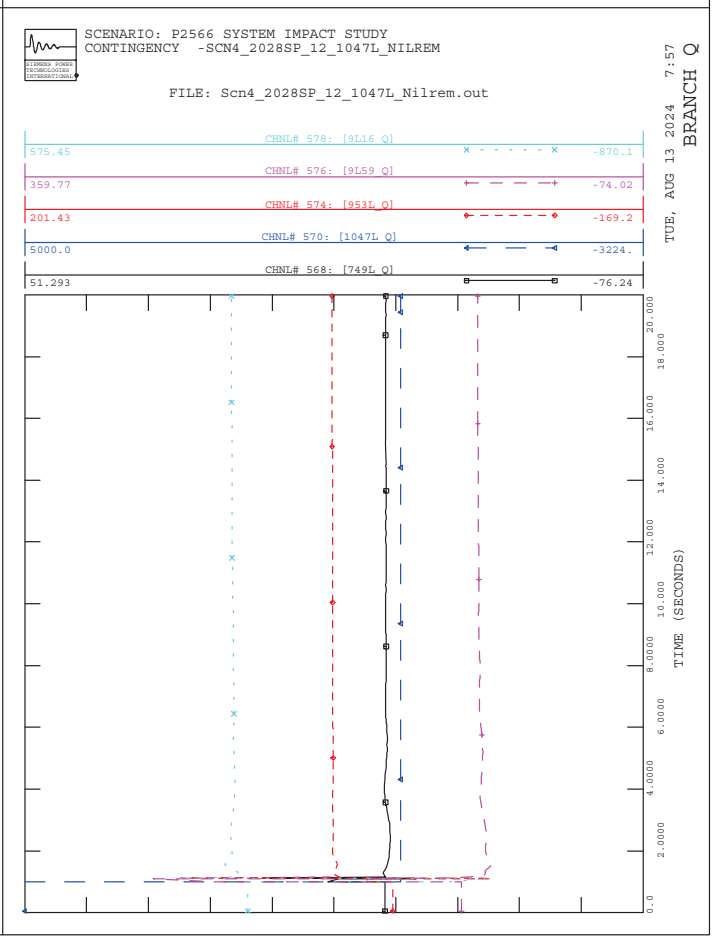
TIME (SECONDS)




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_12_1047L_NILREM
FILE: Scn4_2028SP_12_1047L_Nilrem.out
CHNL# 577: [9L16_P]
131.06
-315.9
CHNL# 575: [9L59_P]
68.057
-120.8
CHNL# 573: [953L_P]
234.29
-159.8
CHNL# 569: [1047L_P]
5000.0
-5000.
CHNL# 567: [749L_P]
116.20
-36.77
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_13_1047L_HANSMANLAKE
FILE: Scn4_2028SP_13_1047L_HansmanLake.out
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
19.625
-89.09
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000
-50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
27.604
-78.22
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
24.498
-81.18
TUE, AUG 13 2024 7:57
ROTOR ANGLE
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_12_1047L_NILREM
FILE: Scn4_2028SP_12_1047L_Nilrem.out
CHNL# 566: [715L_Q]
168.17
-138.0
CHNL# 572: [679L_Q]
83.134
-101.7
CHNL# 564: [680L_Q]
83.134
-101.7
CHNL# 562: [948L_Q]
511.57
-443.1
CHNL# 560: [7L224_Q]
22.182
-128.8
CHNL# 558: [748L_Q]
82.331
-41.74
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)

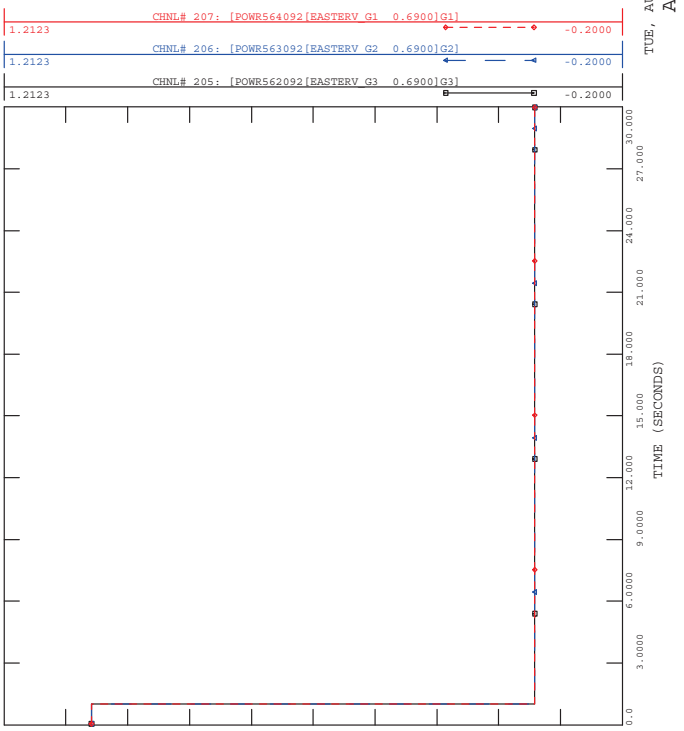

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_12_1047L_NILREM
FILE: Scn4_2028SP_12_1047L_Nilrem.out
CHNL# 578: [9L16_Q]
575.45
-870.1
CHNL# 576: [9L59_Q]
359.77
-74.02
CHNL# 574: [953L_Q]
201.43
-169.2
CHNL# 570: [1047L_Q]
5000.0
-3224.
CHNL# 568: [749L_Q]
51.293
-76.24
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_13_1047L_HANSMANLAKE

FILE: Scn4_2028SP_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

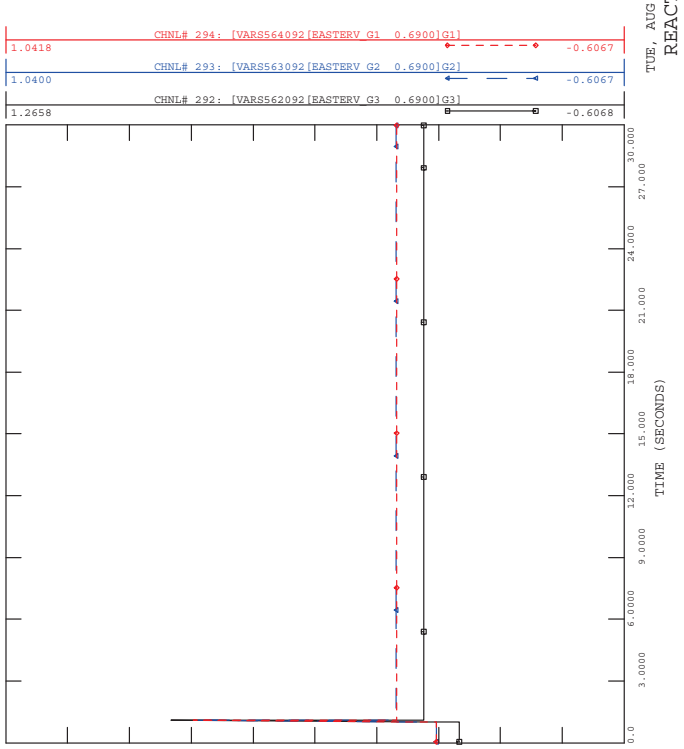


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_13_1047L_HANSMANLAKE

FILE: Scn4_2028SP_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

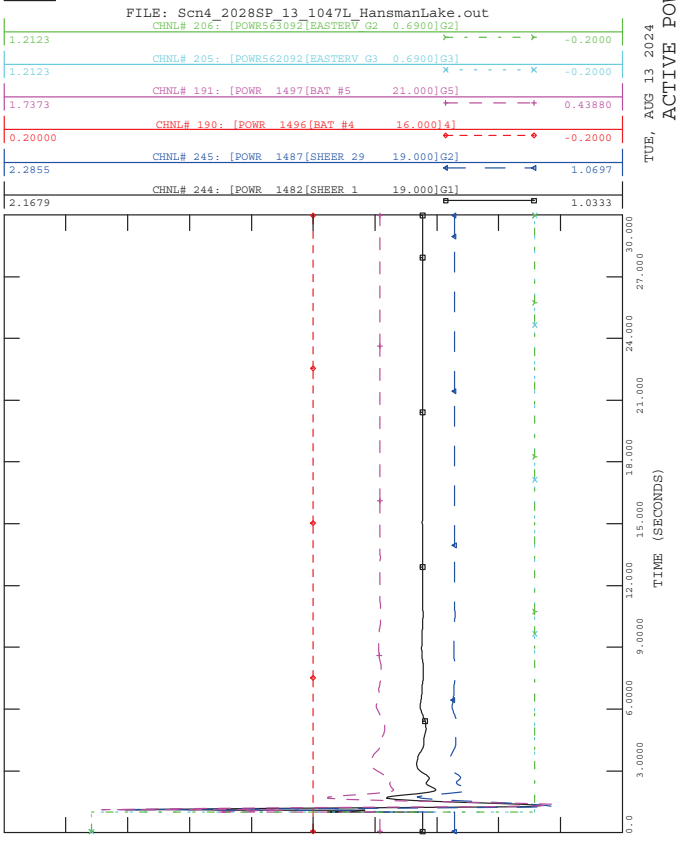


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_13_1047L_HANSMANLAKE

FILE: Scn4_2028SP_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

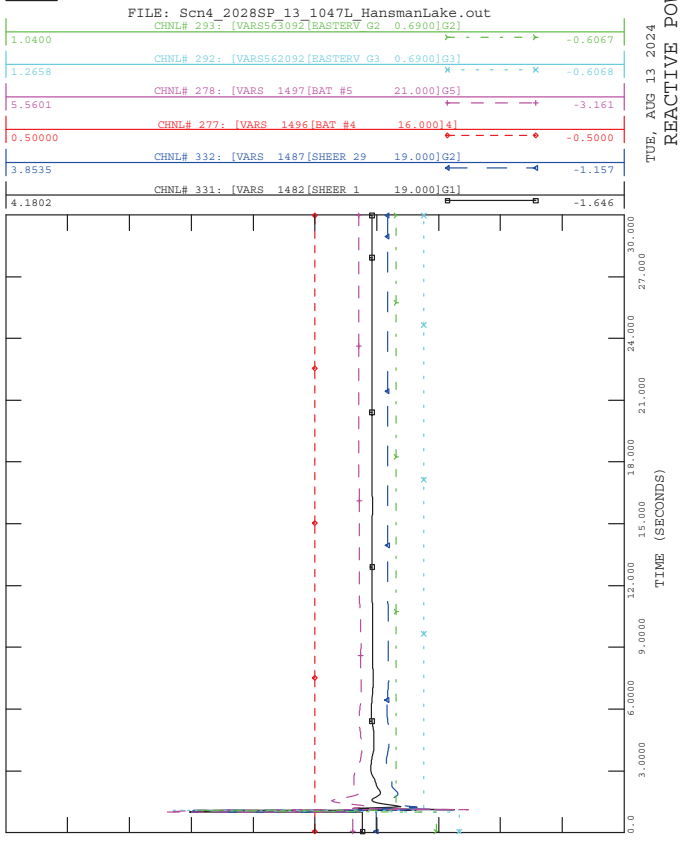


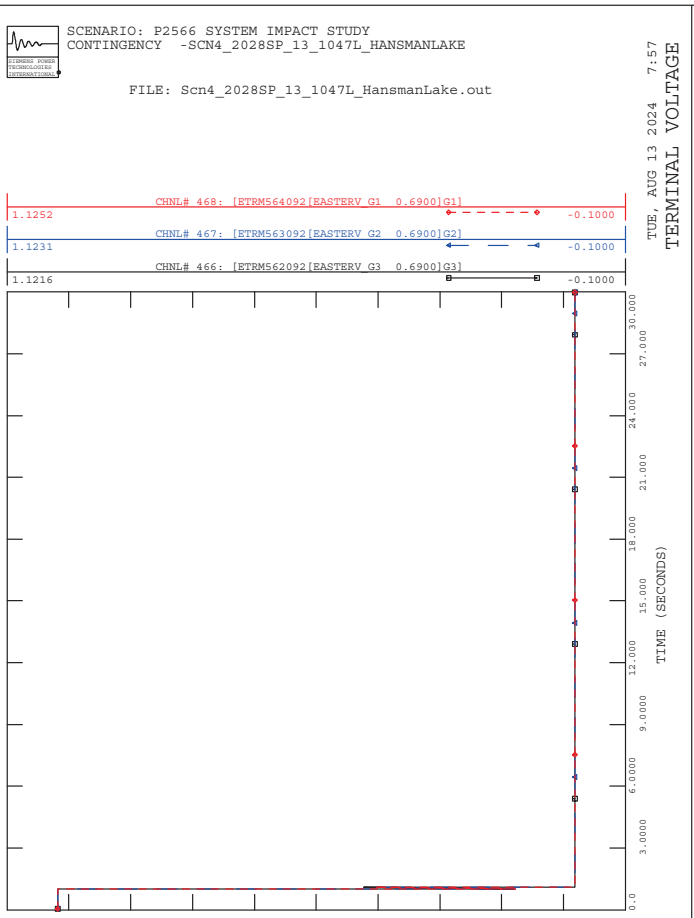
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_13_1047L_HANSMANLAKE

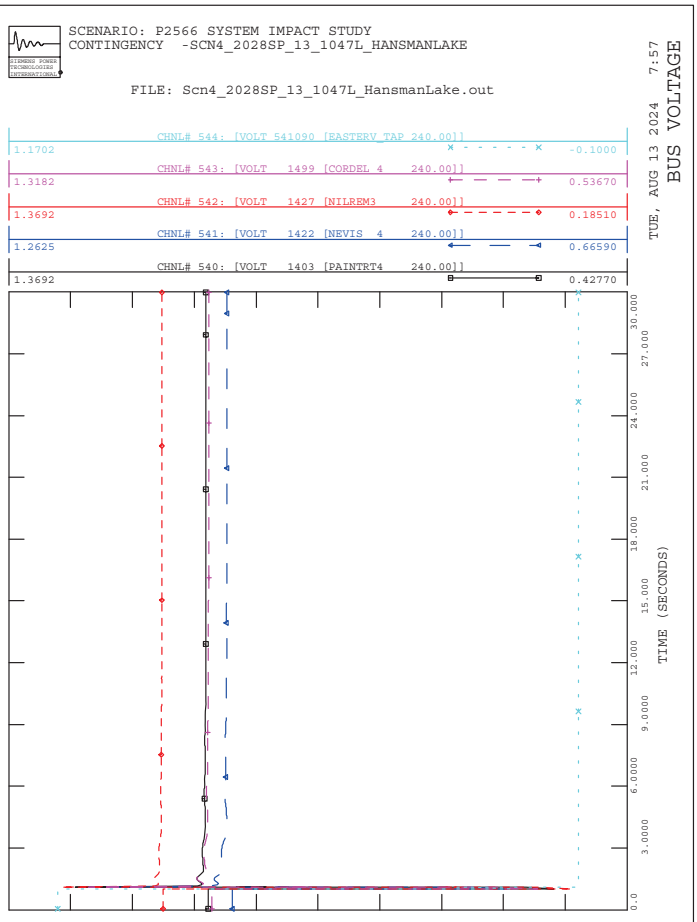
FILE: Scn4_2028SP_13_1047L_HansmanLake.out

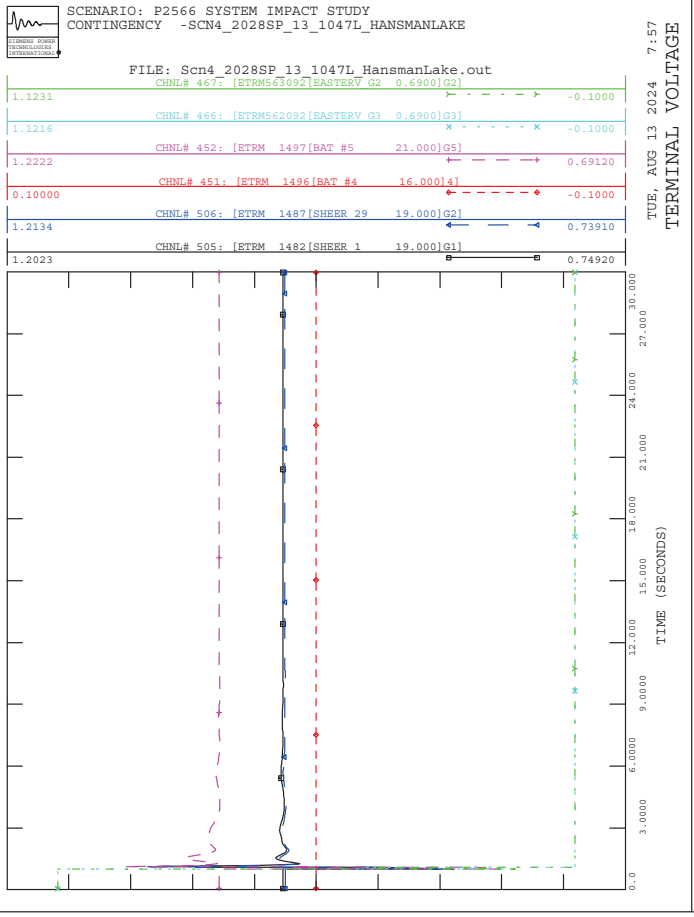
TUE, AUG 13 2024 7:57

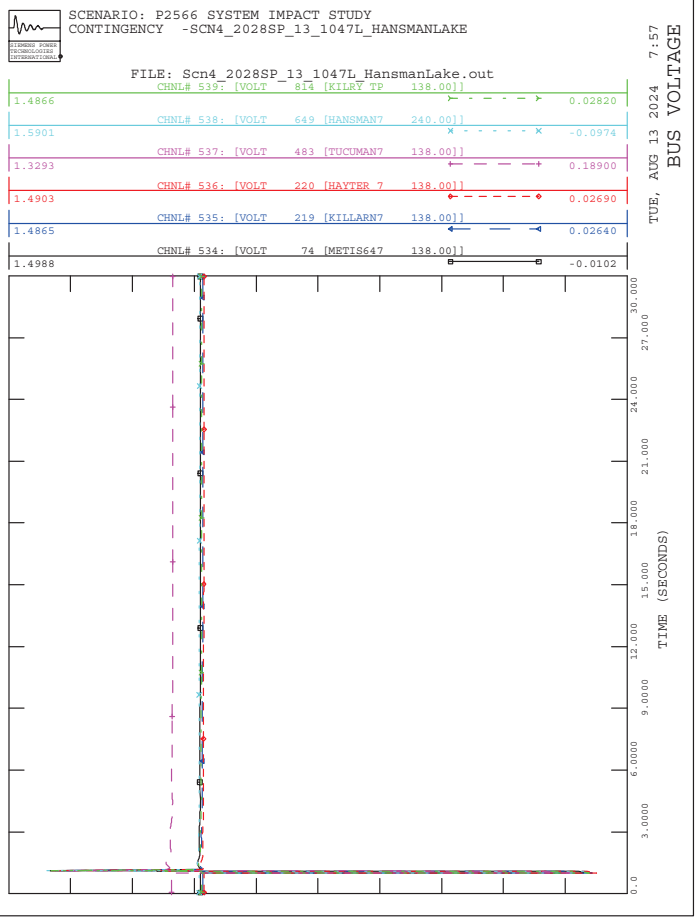
REACTIVE POWER




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_13_1047L_HANSMANLAKE
FILE: Scn4_2028SP_13_1047L_HansmanLake.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.1252
-0.1000
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.1231
-0.1000
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.1216
-0.1000
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_13_1047L_HANSMANLAKE
FILE: Scn4_2028SP_13_1047L_HansmanLake.out
TUE, AUG 13 2024 7:57
BUS VOLTAGE
CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.1702
-0.1000
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3182
0.53670
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3692
0.18510
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2625
0.66590
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3692
0.42770
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_13_1047L_HANSMANLAKE
FILE: Scn4_2028SP_13_1047L_HansmanLake.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.1231
-0.1000
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.1216
-0.1000
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2222
0.69120
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000
-0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2134
0.73910
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.2023
0.74920
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_13_1047L_HANSMANLAKE
FILE: Scn4_2028SP_13_1047L_HansmanLake.out
TUE, AUG 13 2024 7:57
BUS VOLTAGE
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4866
0.02820
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5901
-0.0974
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3293
0.18900
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4903
0.02690
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4865
0.02640
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4988
-0.0102
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_13_1047L_HANSMANLAKE

FILE: Scn4_2028SP_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L Q] 862.45 -624.4
CHNL# 554: [9L27 Q] 2281.9 -2151.
CHNL# 552: [9L966 Q] 1121.2 -1032.
CHNL# 550: [954L Q] 490.13 -400.5
CHNL# 548: [9L20 Q] 1121.8 -973.7
CHNL# 546: [398L Q] 105.76 -134.8

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_13_1047L_HANSMANLAKE

FILE: Scn4_2028SP_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 566: [715L Q] 150.79 -113.7
CHNL# 572: [679L Q] 65.602 -217.8
CHNL# 564: [680L Q] 65.602 -217.8
CHNL# 562: [948L Q] 429.64 -226.7
CHNL# 560: [7L224 Q] 64.313 -214.0
CHNL# 558: [748L Q] 82.331 -43.03

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_13_1047L_HANSMANLAKE

FILE: Scn4_2028SP_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P] 575.77 -408.6
CHNL# 553: [9L27 P] 675.99 -802.3
CHNL# 551: [9L966 P] 687.03 -477.7
CHNL# 549: [954L P] 303.62 -217.0
CHNL# 547: [9L20 P] 480.99 -820.1
CHNL# 545: [398L P] 64.741 -63.06

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_13_1047L_HANSMANLAKE

FILE: Scn4_2028SP_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 565: [715L P] 122.92 -87.34
CHNL# 571: [679L P] 95.069 -57.21
CHNL# 563: [680L P] 95.069 -57.21
CHNL# 561: [948L P] 78.463 -40.17
CHNL# 559: [7L224 P] 52.922 -166.9
CHNL# 557: [748L P] 38.729 -69.06

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_13_1047L_HANSMANLAKE

FILE: Scn4_2028SP_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16_Q] 562.91 -789.3
CHNL# 576: [9L59_Q] 372.40 -79.02
CHNL# 574: [953L_Q] 368.07 -675.6
CHNL# 570: [1047L_Q] 997.21 -332.4
CHNL# 568: [749L_Q] 51.298 -64.28

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_14_948L_HANSMANLAKE

FILE: Scn4_2028SP_14_948L_HansmanLake.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWRS63092[EASTERV_G2 0.6900]G2] 1.2125 -0.2000
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3] 1.2125 -0.2000
CHNL# 191: [POWR 1497[BAT #5 21.000]G5] 1.8076 0.47590
CHNL# 190: [POWR 1496[BAT #4 16.000]4] 0.20000 -0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2] 2.3782 1.0932
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1] 2.2733 1.0511

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_13_1047L_HANSMANLAKE

FILE: Scn4_2028SP_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P] 142.30 -349.6
CHNL# 575: [9L59_P] 60.408 -118.3
CHNL# 573: [953L_P] 241.90 -182.5
CHNL# 569: [1047L_P] 287.83 -426.6
CHNL# 567: [749L_P] 107.16 -39.45

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_14_948L_HANSMANLAKE

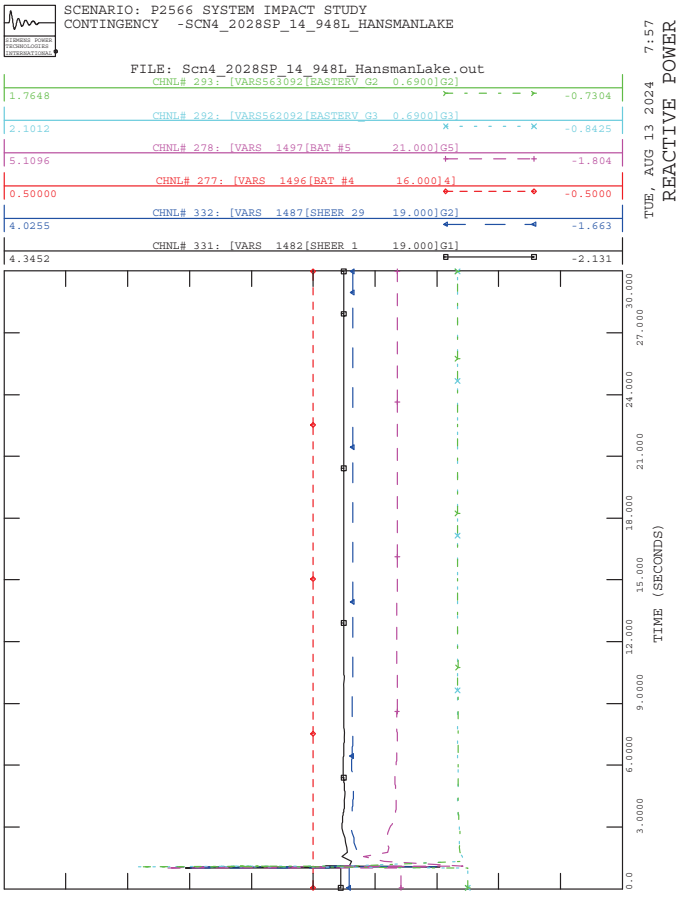
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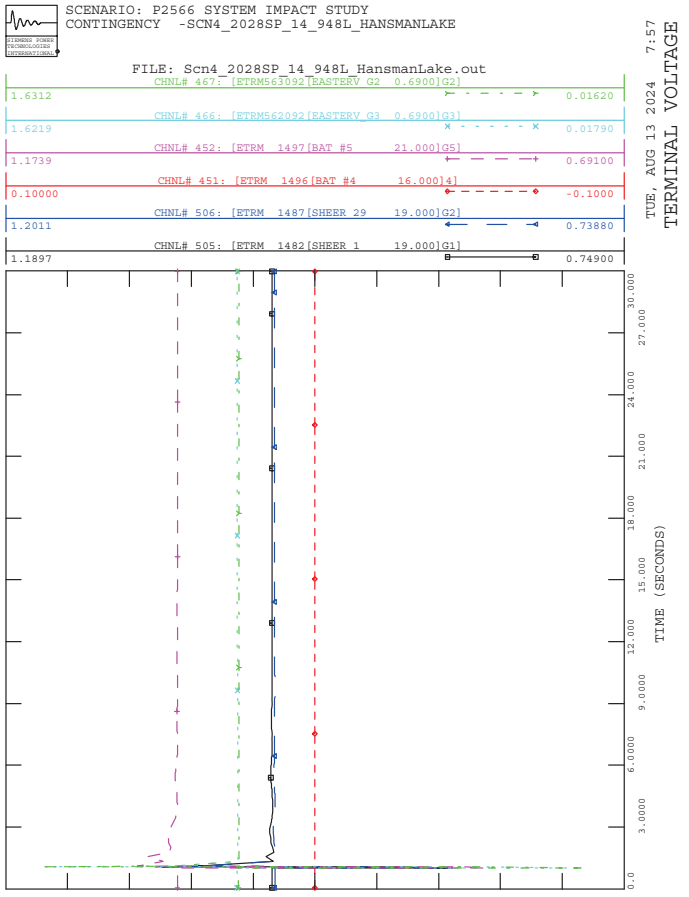
TUE, AUG 13 2024 7:57

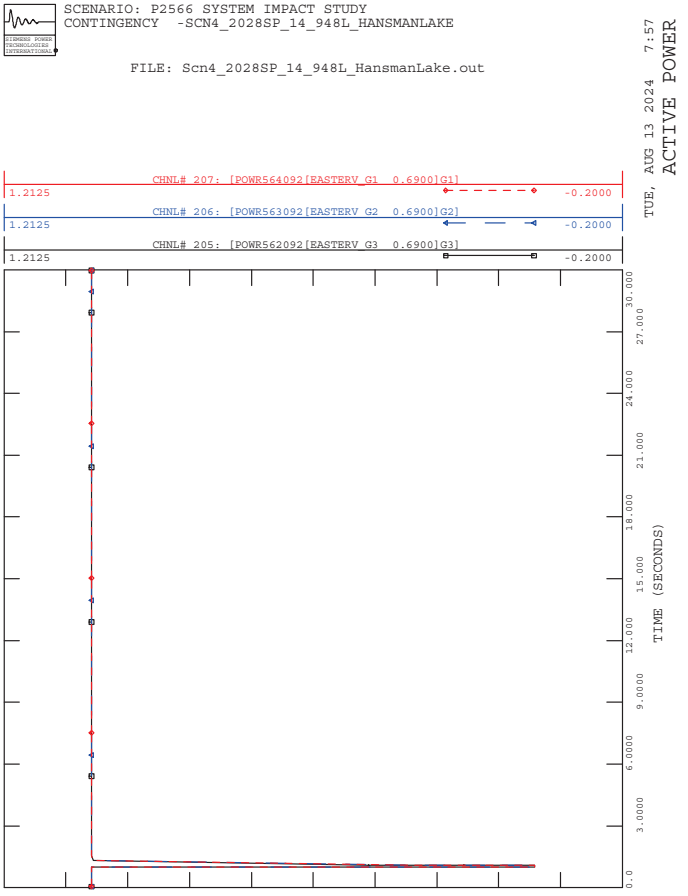
ROTOR ANGLE

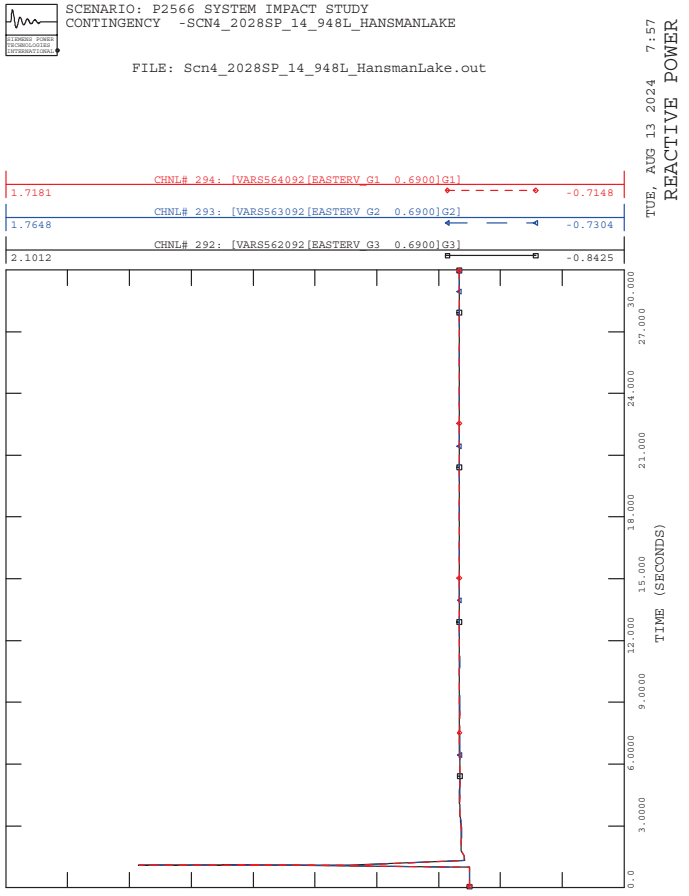
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5] 19.625 -86.07
CHNL# 16: [ANGL 1496[BAT #4 16.000]4] 50.000 -50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2] 27.730 -76.08
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1] 24.677 -79.15

TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_14_948L_HANSMANLAKE
FILE: Scn4_2028SP_14_948L_HansmanLake.out
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.7648
-0.7304
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
2.1012
-0.8425
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
5.1096
-1.804
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000
-0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
4.0255
-1.663
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
4.3452
-2.131
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
REACTIVE POWER


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_14_948L_HANSMANLAKE
FILE: Scn4_2028SP_14_948L_HansmanLake.out
CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.6312
0.01620
CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.6219
0.01790
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1739
0.69100
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000
-0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2011
0.73880
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1897
0.74900
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_14_948L_HANSMANLAKE
FILE: Scn4_2028SP_14_948L_HansmanLake.out
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2125
-0.2000
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2125
-0.2000
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2125
-0.2000
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
ACTIVE POWER


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_14_948L_HANSMANLAKE
FILE: Scn4_2028SP_14_948L_HansmanLake.out
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.7181
-0.7148
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.7648
-0.7304
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
2.1012
-0.8425
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
REACTIVE POWER

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_14_948L_HANSMANLAKE

FILE: Scn4_2028SP_14_948L_HansmanLake.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.5201 0.02660

CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.6271 -0.0997

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3931 0.18910

CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.5240 0.02530

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.5201 0.02480

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.5357 -0.0120

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_14_948L_HANSMANLAKE

FILE: Scn4_2028SP_14_948L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
504.48 -357.8

CHNL# 553: [9L27 P]
1057.5 -1031.

CHNL# 551: [9L966 P]
1091.3 -766.8

CHNL# 549: [954L P]
196.74 -140.6

CHNL# 547: [9L20 P]
466.57 -799.6

CHNL# 545: [398L P]
53.409 -41.47

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_14_948L_HANSMANLAKE

FILE: Scn4_2028SP_14_948L_HansmanLake.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.6310 0.01630

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.6312 0.01620

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.6219 0.01790

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_14_948L_HANSMANLAKE

FILE: Scn4_2028SP_14_948L_HansmanLake.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.5733 0.03460

CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2308 0.53640

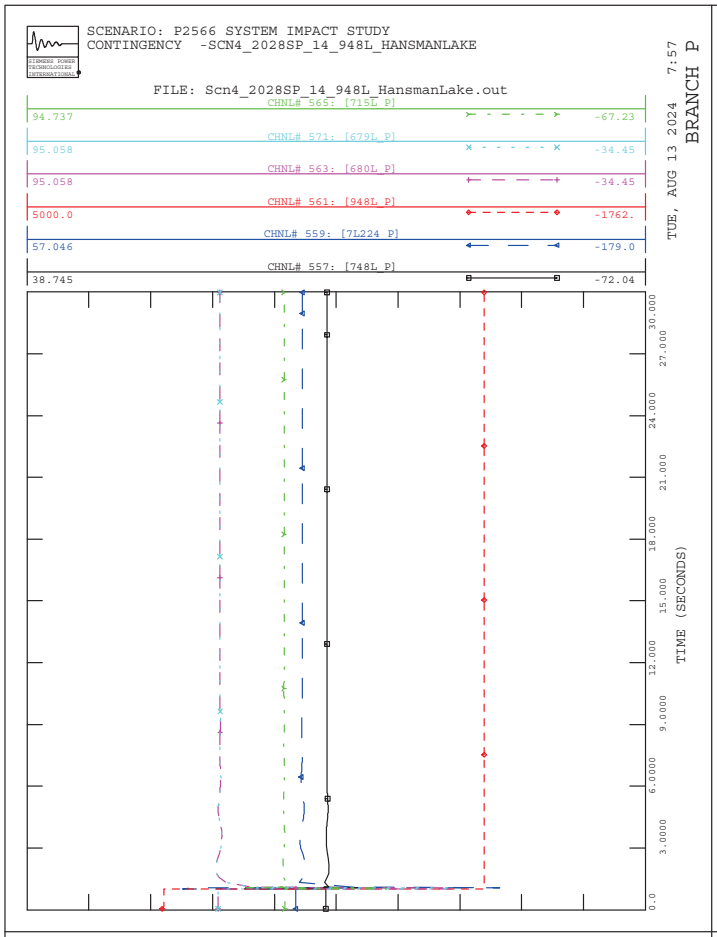
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4620 0.18560

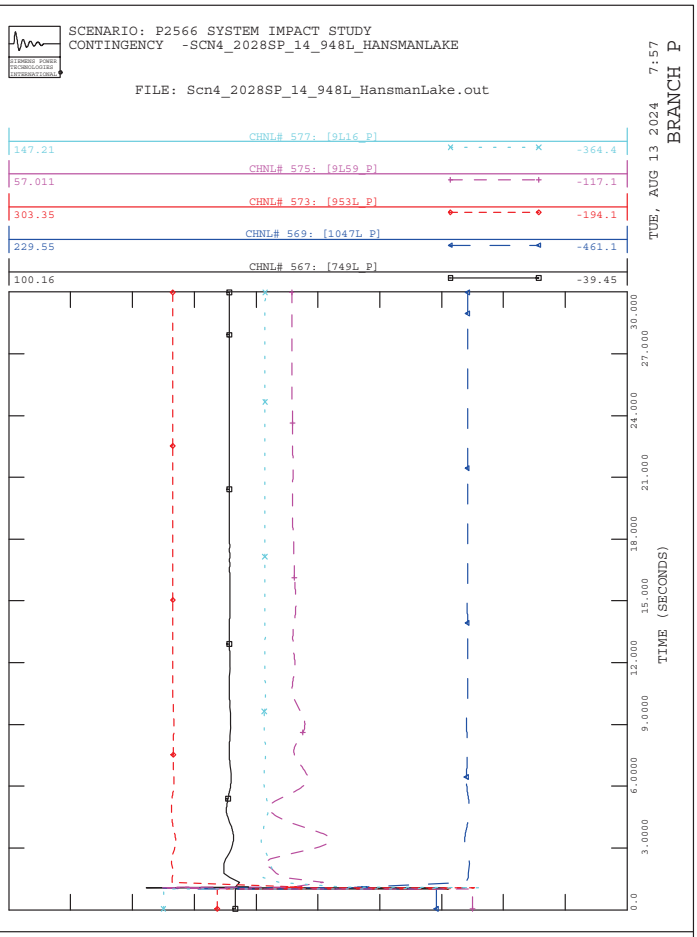
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2037 0.66560

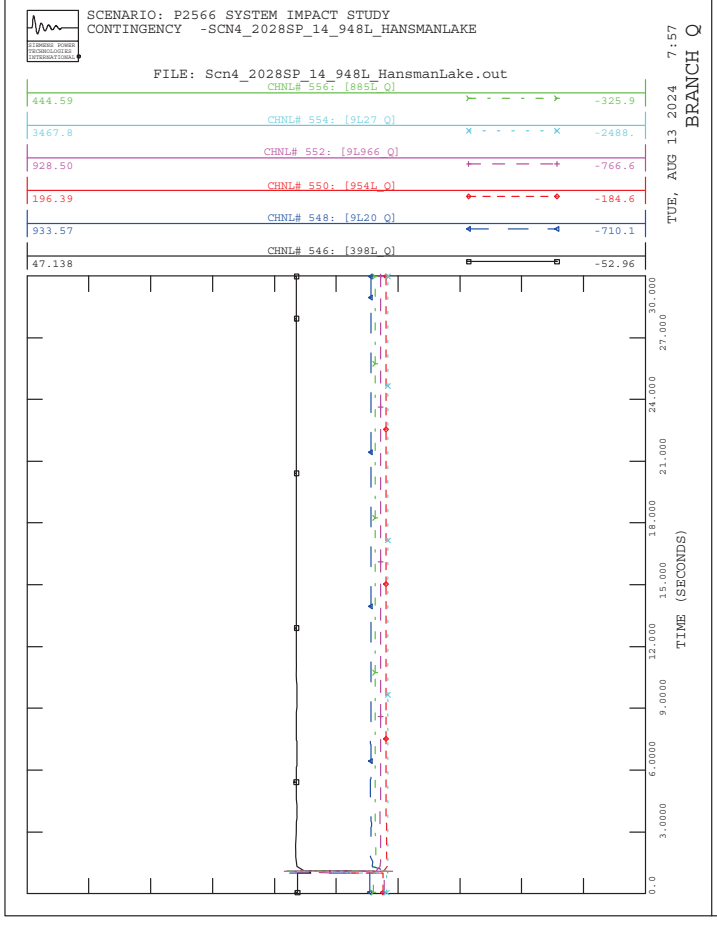
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2310 0.42700

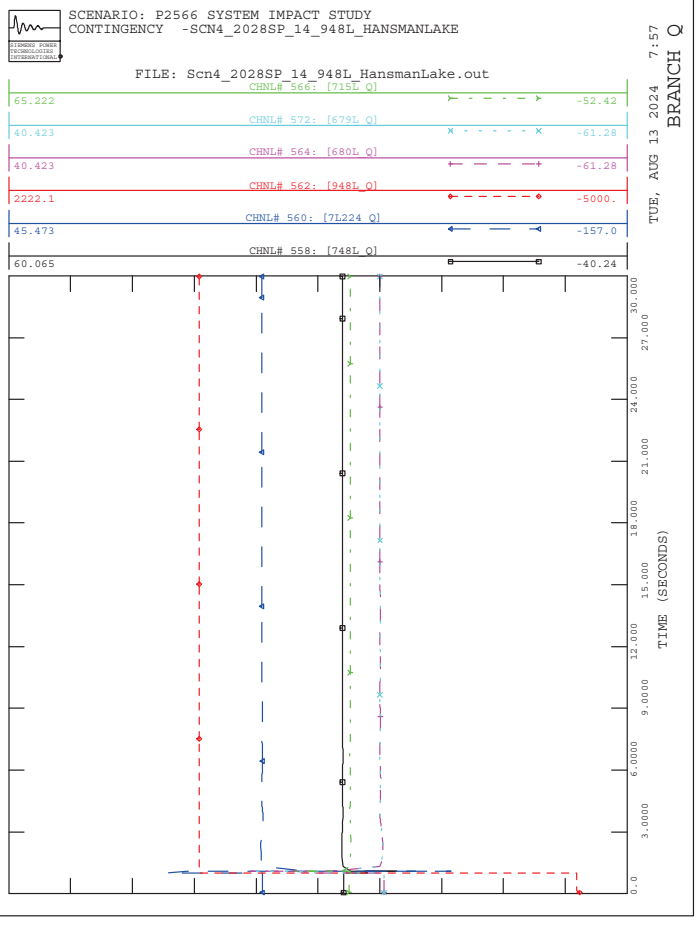
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TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_14_948L_HANSMANLAKE
FILE: Scn4_2028SP_14_948L_HansmanLake.out
CHNL# 565: [715L P]
94.737
-67.23
CHNL# 571: [679L P]
95.058
-34.45
CHNL# 563: [680L P]
95.058
-34.45
CHNL# 561: [948L P]
5000.0
-1762.
CHNL# 559: [7L224 P]
57.046
-179.0
CHNL# 557: [748L P]
38.745
-72.04
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_14_948L_HANSMANLAKE
FILE: Scn4_2028SP_14_948L_HansmanLake.out
CHNL# 577: [9L16 P]
147.21
-364.4
CHNL# 575: [9L59 P]
57.011
-117.1
CHNL# 573: [953L P]
303.35
-194.1
CHNL# 569: [1047L P]
229.55
-461.1
CHNL# 567: [749L P]
100.16
-39.45
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_14_948L_HANSMANLAKE
FILE: Scn4_2028SP_14_948L_HansmanLake.out
CHNL# 556: [885L Q]
444.59
-325.9
CHNL# 554: [9L27 Q]
3467.8
-2488.
CHNL# 552: [9L966 Q]
928.50
-766.6
CHNL# 550: [954L Q]
196.39
-184.6
CHNL# 548: [9L20 Q]
933.57
-710.1
CHNL# 546: [398L Q]
47.138
-52.96
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
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3.0000
6.0000
9.0000
12.000
15.000
18.000
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30.000

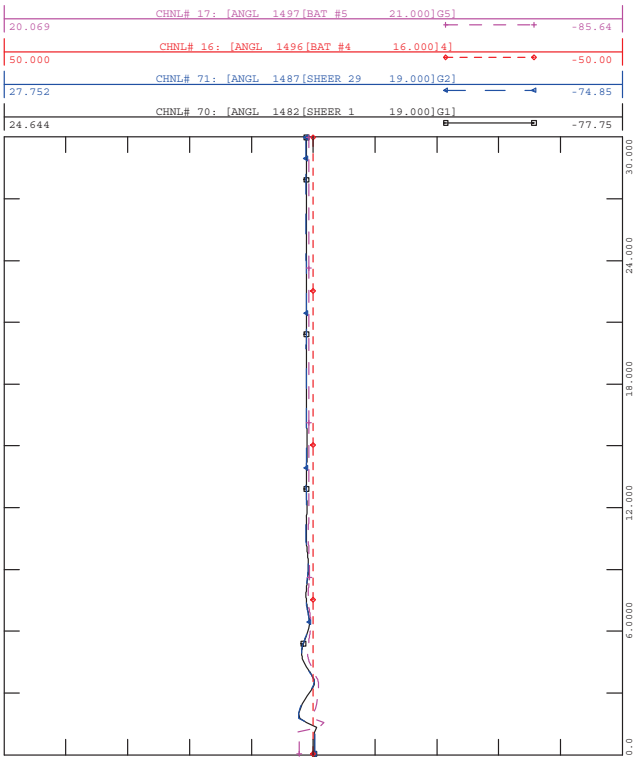

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_14_948L_HANSMANLAKE
FILE: Scn4_2028SP_14_948L_HansmanLake.out
CHNL# 566: [715L Q]
65.222
-52.42
CHNL# 572: [679L Q]
40.423
-61.28
CHNL# 564: [680L Q]
40.423
-61.28
CHNL# 562: [948L Q]
2222.1
-5000.
CHNL# 560: [7L224 Q]
45.473
-157.0
CHNL# 558: [748L Q]
60.065
-40.24
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_15_948L_PAINTEARTH

FILE: Scn4_2028SP_15_948L_Paintearth.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

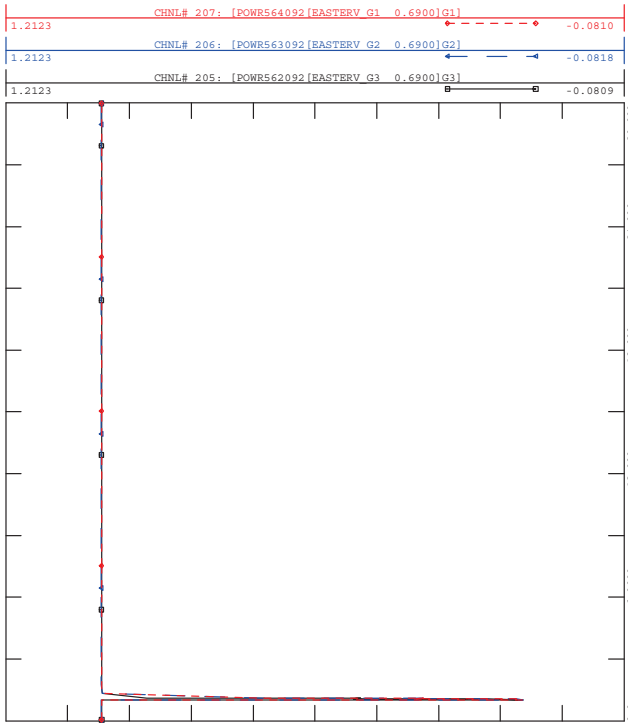


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_15_948L_PAINTEARTH

FILE: Scn4_2028SP_15_948L_Paintearth.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

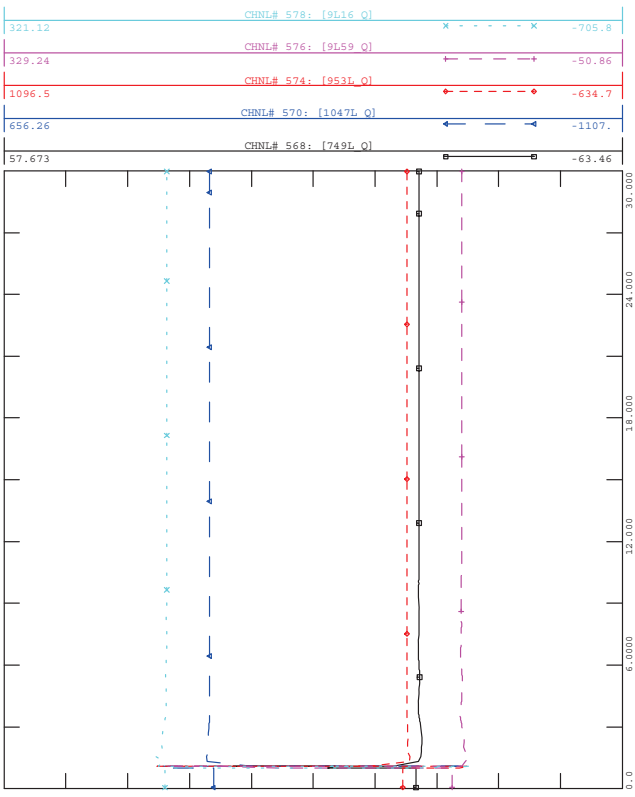


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_14_948L_HANSMANLAKE

FILE: Scn4_2028SP_14_948L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

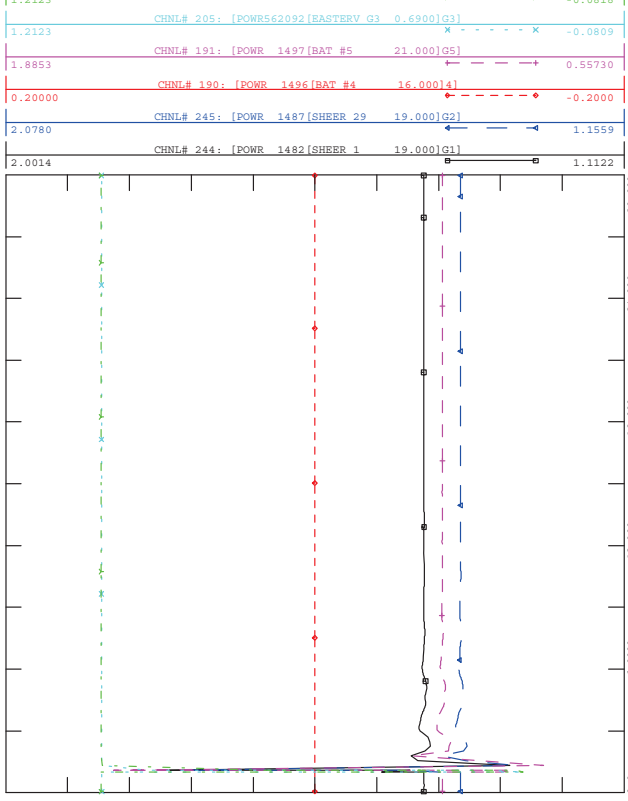


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_15_948L_PAINTEARTH

FILE: Scn4_2028SP_15_948L_Paintearth.out

TUE, AUG 13 2024 7:57

ACTIVE POWER



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_15_948L_PAINTEARTH

FILE: Scn4_2028SP_15_948L_Paintearth.out

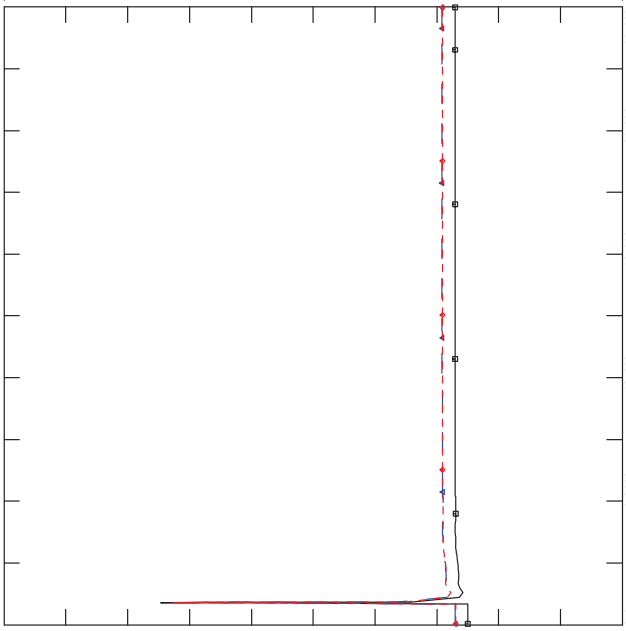
TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.2454 -0.6066

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.2445 -0.6066

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.6206 -0.6824



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_15_948L_PAINTEARTH

FILE: Scn4_2028SP_15_948L_Paintearth.out

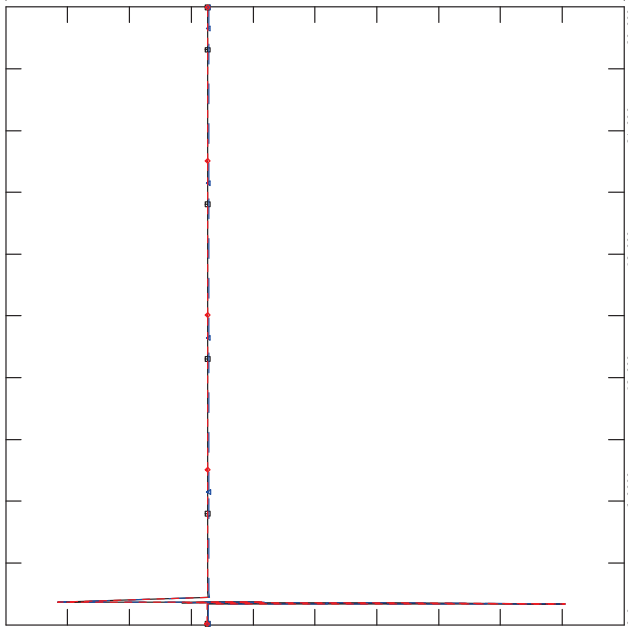
TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRMS64092[EASTERV G1 0.6900]G1]
1.4062 0.23670

CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.4066 0.23600

CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.4009 0.23720



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_15_948L_PAINTEARTH

FILE: Scn4_2028SP_15_948L_Paintearth.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.2445 -0.6066

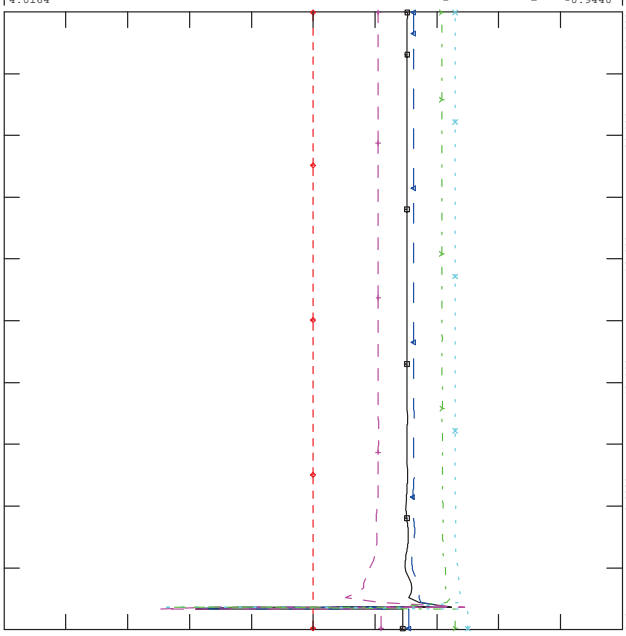
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.6206 -0.6824

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
6.4802 -3.052

CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000 -0.5000

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
3.7627 -0.6849

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
4.0164 -0.9440



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_15_948L_PAINTEARTH

FILE: Scn4_2028SP_15_948L_Paintearth.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.4066 0.23600

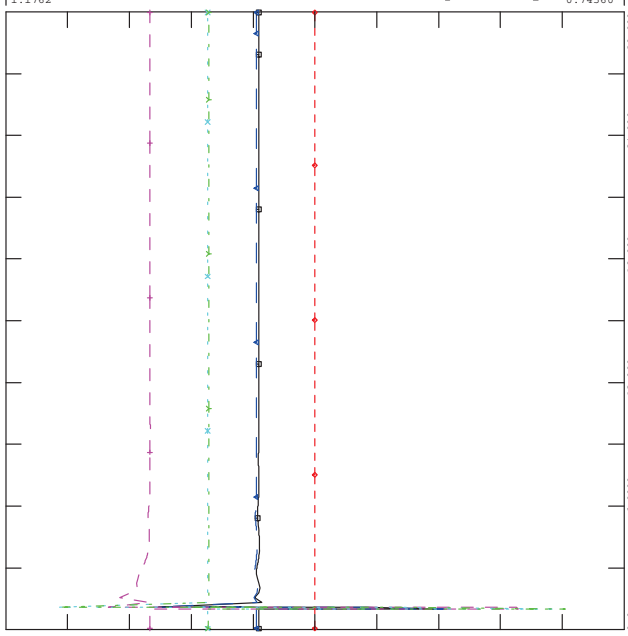
CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.4009 0.23720

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1848 0.56330

CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1807 0.73510

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1762 0.74560



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_15_948L_PAINTEARTH

FILE: Scn4_2028SP_15_948L_Paintearth.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.4399 0.26160
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2675 0.31440
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3957 0.28460
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2272 0.52900
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2677 -0.0906

TIME (SECONDS)
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_15_948L_PAINTEARTH

FILE: Scn4_2028SP_15_948L_Paintearth.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L Q]
192.72 -148.9
CHNL# 554: [9L27 Q]
4049.6 -2904.
CHNL# 552: [9L966 Q]
1342.3 -1263.
CHNL# 550: [954L Q]
189.91 -247.8
CHNL# 548: [9L20 Q]
1329.3 -1042.
CHNL# 546: [398L Q]
70.881 -69.97

TIME (SECONDS)
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_15_948L_PAINTEARTH

FILE: Scn4_2028SP_15_948L_Paintearth.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRV TP 138.00]]
1.3941 0.27990
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4731 0.24610
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3355 0.28000
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.3973 0.27980
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.3937 0.27800
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4017 0.26180

TIME (SECONDS)
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_15_948L_PAINTEARTH

FILE: Scn4_2028SP_15_948L_Paintearth.out

TUE, AUG 13 2024 7:57

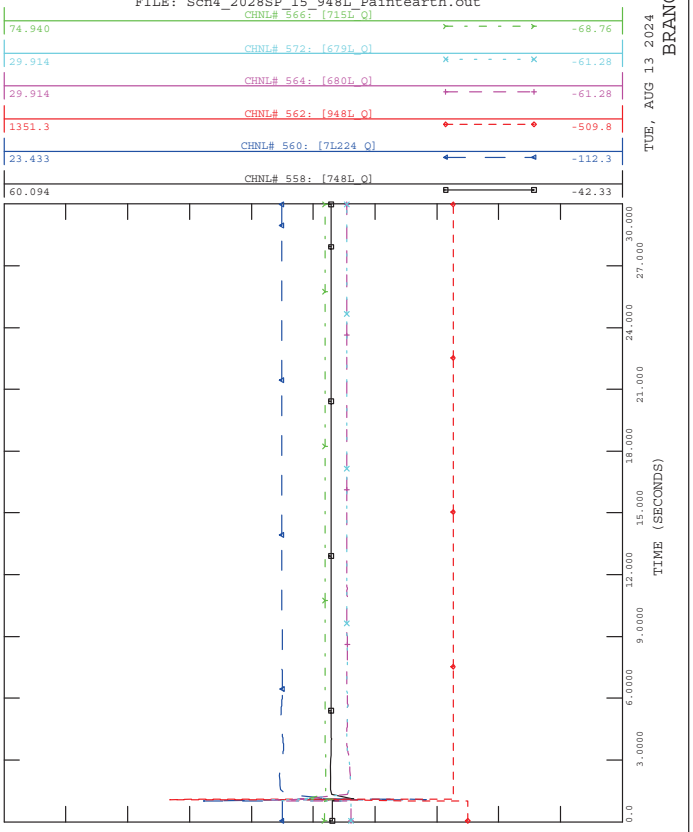
BRANCH P

CHNL# 555: [885L P]
347.45 -217.3
CHNL# 553: [9L27 P]
1159.2 -1104.
CHNL# 551: [9L966 P]
665.03 -406.9
CHNL# 549: [954L P]
208.35 -132.6
CHNL# 547: [9L20 P]
644.23 -926.5
CHNL# 545: [398L P]
53.415 -41.48

TIME (SECONDS)
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_15_948L_PAINTEARTH

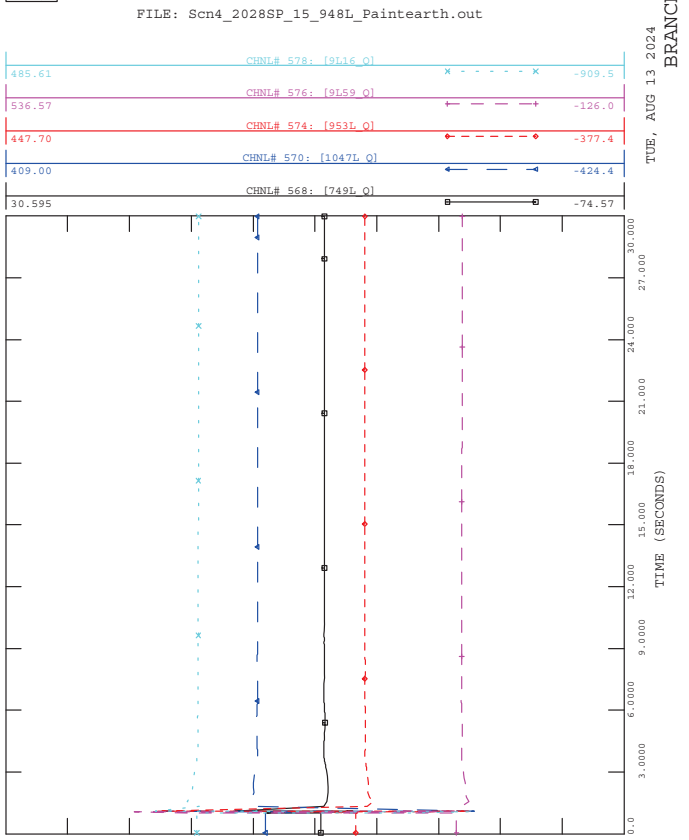
FILE: Scn4_2028SP_15_948L_Paintearth.out



TUE, AUG 13 2024 7:57 BRANCH Q

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_15_948L_PAINTEARTH

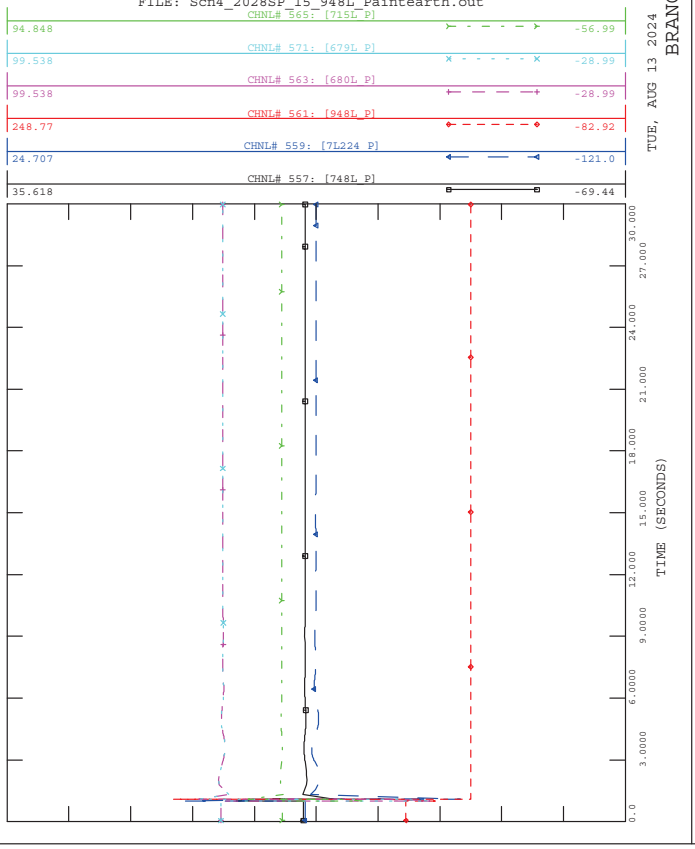
FILE: Scn4_2028SP_15_948L_Paintearth.out



TUE, AUG 13 2024 7:57 BRANCH Q

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_15_948L_PAINTEARTH

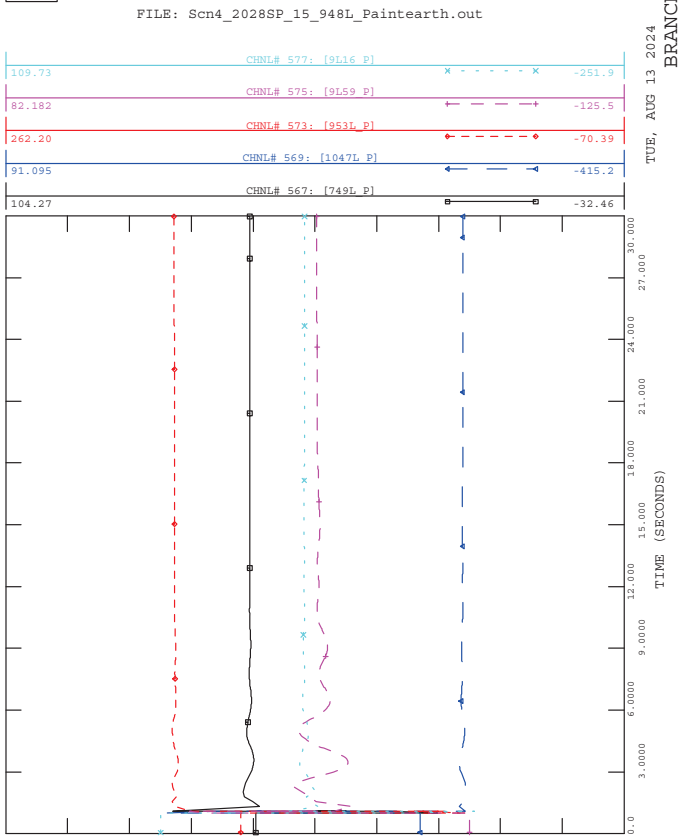
FILE: Scn4_2028SP_15_948L_Paintearth.out



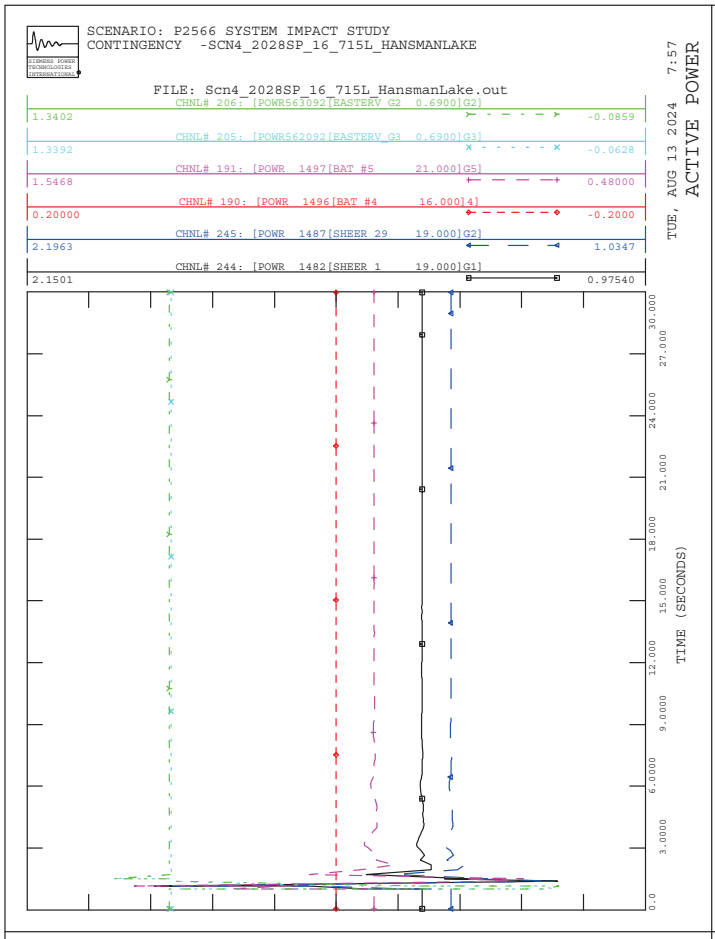
TUE, AUG 13 2024 7:57 BRANCH P

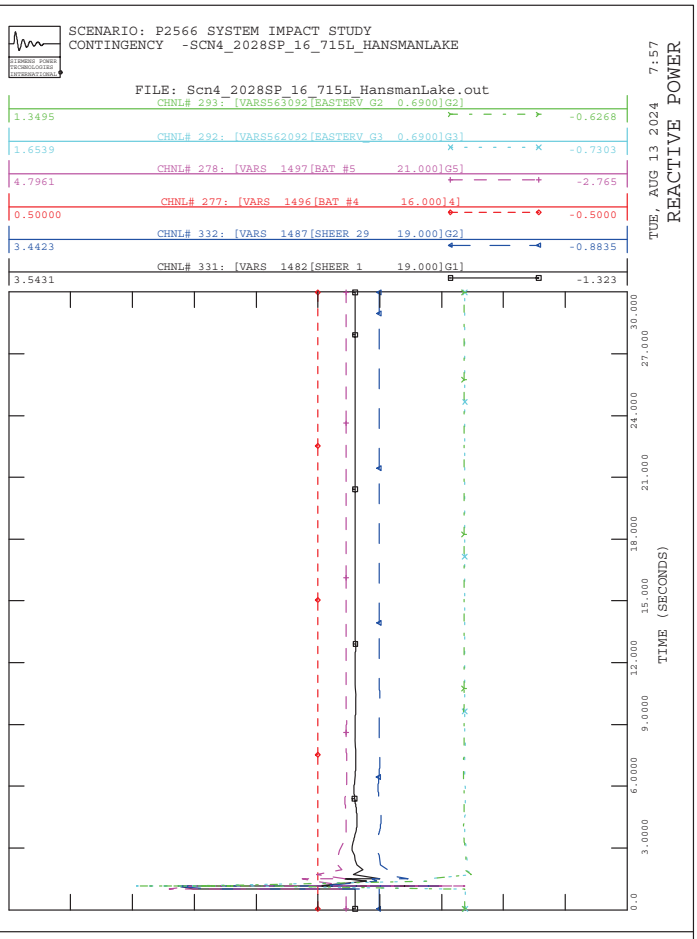
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_15_948L_PAINTEARTH

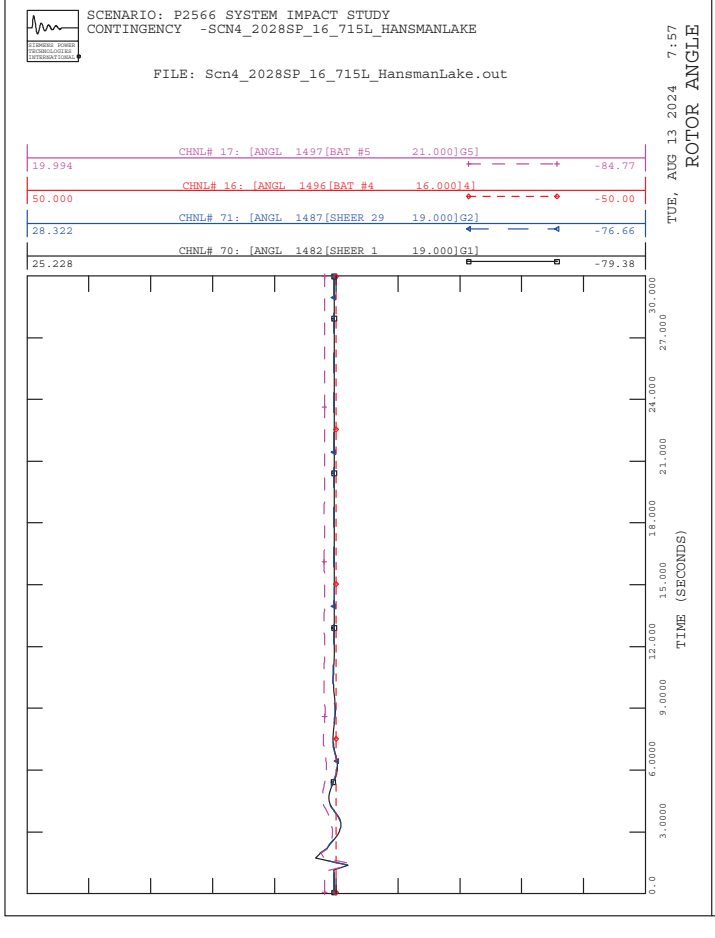
FILE: Scn4_2028SP_15_948L_Paintearth.out

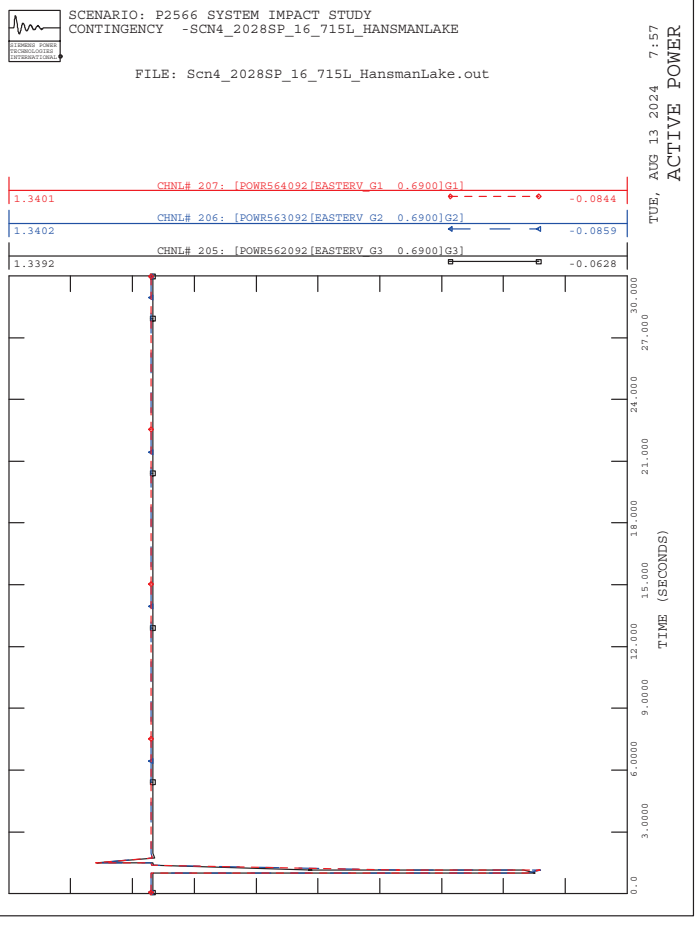


TUE, AUG 13 2024 7:57 BRANCH P


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_16_715L_HANSMANLAKE
FILE: Scn4_2028SP_16_715L_HansmanLake.out
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.3402
-0.0859
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.3392
-0.0628
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.5468
0.48000
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000
-0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
2.1963
1.0347
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
2.1501
0.97540
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_16_715L_HANSMANLAKE
FILE: Scn4_2028SP_16_715L_HansmanLake.out
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.3495
-0.6268
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.6539
-0.7303
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
4.7961
-2.765
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000
-0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
3.4423
-0.8835
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
3.5431
-1.323
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_16_715L_HANSMANLAKE
FILE: Scn4_2028SP_16_715L_HansmanLake.out
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
19.994
-84.77
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000
-50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
28.322
-76.66
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
25.228
-79.38
TUE, AUG 13 2024 7:57
ROTOR ANGLE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_16_715L_HANSMANLAKE
FILE: Scn4_2028SP_16_715L_HansmanLake.out
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.3401
-0.0844
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.3402
-0.0859
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.3392
-0.0628
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_16_715L_HANSMANLAKE

FILE: Scn4_2028SP_16_715L_HansmanLake.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5402 0.25470
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5351 0.25590
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2502 0.75120
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2383 0.77870
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.2269 0.78630

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_16_715L_HANSMANLAKE

FILE: Scn4_2028SP_16_715L_HansmanLake.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.2340 -0.0414
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5001 0.20740
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3762 0.32490
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.2266 -0.0479
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.2288 -0.0452
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.3568 -0.0907

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_16_715L_HANSMANLAKE

FILE: Scn4_2028SP_16_715L_HansmanLake.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.3177 -0.6269
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.3495 -0.6268
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.6539 -0.7303

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_16_715L_HANSMANLAKE

FILE: Scn4_2028SP_16_715L_HansmanLake.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.5399 0.25540
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5402 0.25470
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5351 0.25590

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_16_715L_HANSMANLAKE

FILE: Scn4_2028SP_16_715L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
792.15 -566.1
CHNL# 553: [9L27 P]
403.77 -601.1
CHNL# 551: [9L966 P]
976.16 -670.2
CHNL# 549: [954L P]
326.81 -228.0
CHNL# 547: [9L20 P]
438.65 -878.9
CHNL# 545: [398L P]
395.16 -284.8

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_16_715L_HANSMANLAKE

FILE: Scn4_2028SP_16_715L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 565: [715L P]
5000.0 -5000.
CHNL# 571: [679L P]
113.21 -11.29
CHNL# 563: [680L P]
113.21 -11.29
CHNL# 561: [948L P]
84.777 -40.06
CHNL# 559: [7L224 P]
68.431 -205.5
CHNL# 557: [748L P]
204.59 -87.89

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_16_715L_HANSMANLAKE

FILE: Scn4_2028SP_16_715L_HansmanLake.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.4990 0.28110
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3420 0.63780
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4516 0.36800
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2762 0.73240
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3738 0.56220

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_16_715L_HANSMANLAKE

FILE: Scn4_2028SP_16_715L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L Q]
959.36 -686.0
CHNL# 554: [9L27 Q]
1584.7 -1452.
CHNL# 552: [9L966 Q]
693.55 -666.4
CHNL# 550: [954L Q]
976.25 -736.3
CHNL# 548: [9L20 Q]
1035.3 -939.9
CHNL# 546: [398L Q]
835.40 -593.8

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_16_715L_HANSMANLAKE

FILE: Scn4_2028SP_16_715L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P] 117.30 -259.6
CHNL# 575: [9L59_P] 35.030 -120.3
CHNL# 573: [953L_P] 252.37 -111.1
CHNL# 569: [1047L_P] 83.514 -406.6
CHNL# 567: [749L_P] 369.40 -123.3

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_17_715L_PROVOST

FILE: Scn4_2028SP_17_715L_Provost.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5] 20.813 -87.63
CHNL# 16: [ANGL 1496[BAT #4 16.000]4] 50.000 -50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2] 29.355 -77.39
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1] 26.238 -80.12

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_16_715L_HANSMANLAKE

FILE: Scn4_2028SP_16_715L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 566: [715L_Q] 170.98 -122.1
CHNL# 572: [679L_Q] 75.645 -61.51
CHNL# 564: [680L_Q] 75.645 -61.51
CHNL# 562: [948L_Q] 236.09 -283.0
CHNL# 560: [7L224_Q] 66.535 -199.9
CHNL# 558: [748L_Q] 467.98 -155.5

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_16_715L_HANSMANLAKE

FILE: Scn4_2028SP_16_715L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16_Q] 453.47 -619.5
CHNL# 576: [9L59_Q] 228.20 -40.76
CHNL# 574: [953L_Q] 461.87 -489.2
CHNL# 570: [1047L_Q] 418.50 -483.0
CHNL# 568: [749L_Q] 634.04 -242.0

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

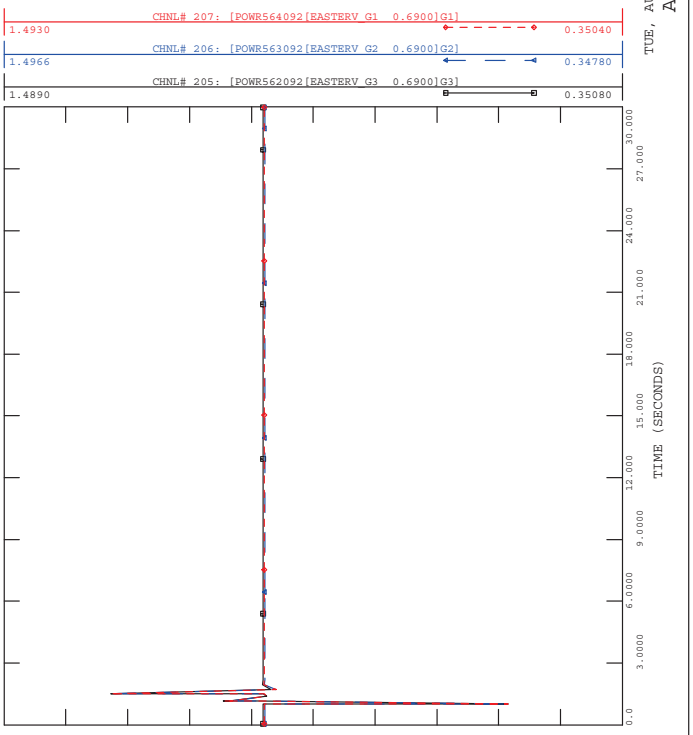
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_17_715L_PROVOST

FILE: Scn4_2028SP_17_715L_Provost.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

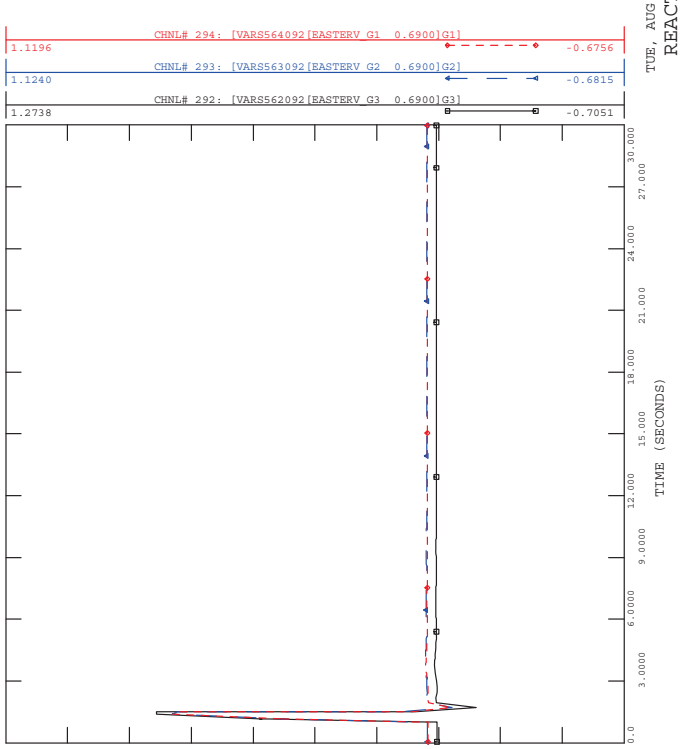


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_17_715L_PROVOST

FILE: Scn4_2028SP_17_715L_Provost.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

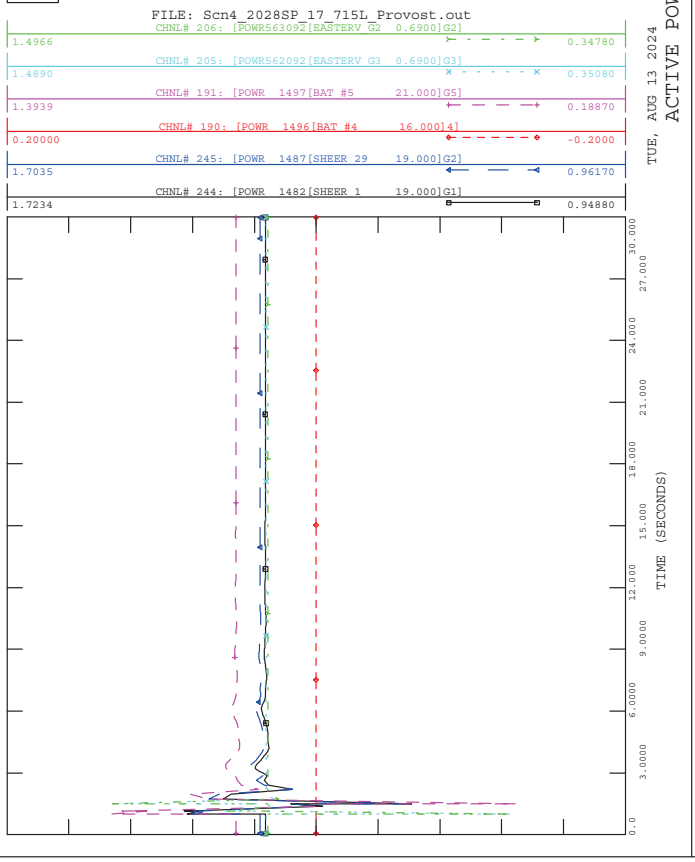


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_17_715L_PROVOST

FILE: Scn4_2028SP_17_715L_Provost.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

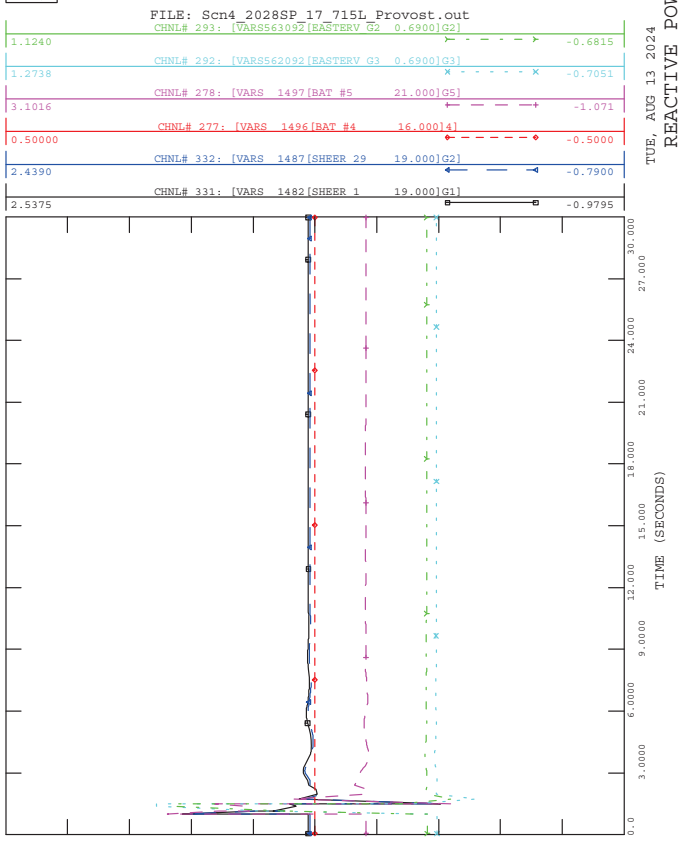


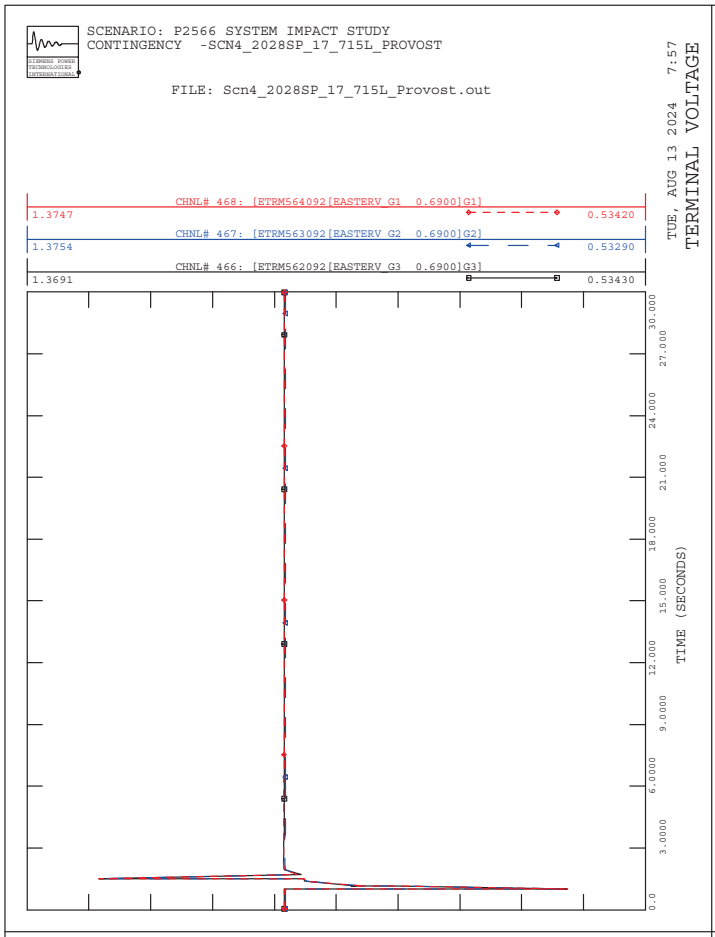
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_17_715L_PROVOST

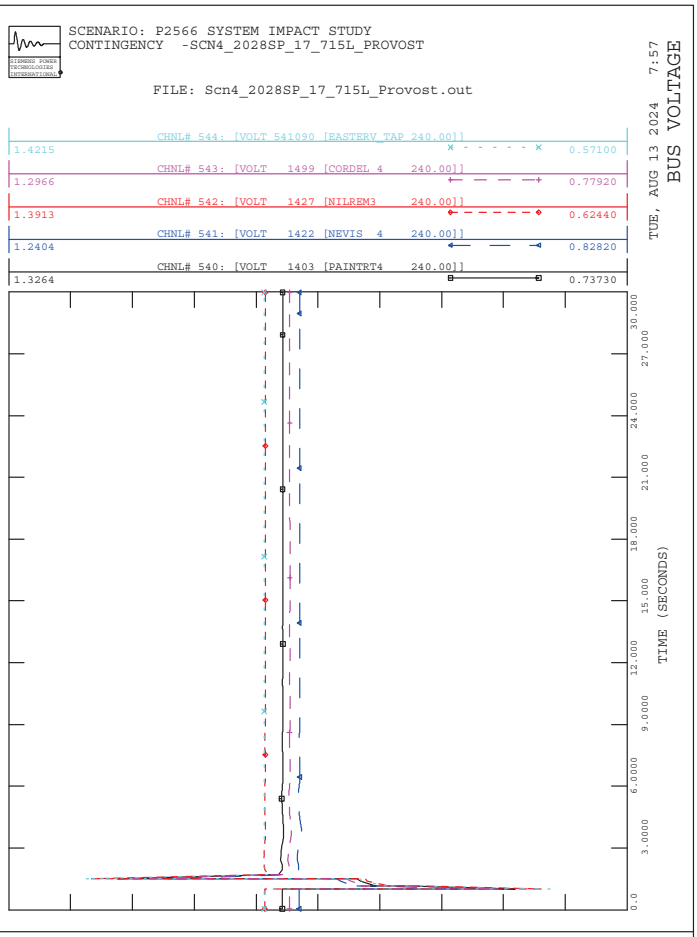
FILE: Scn4_2028SP_17_715L_Provost.out

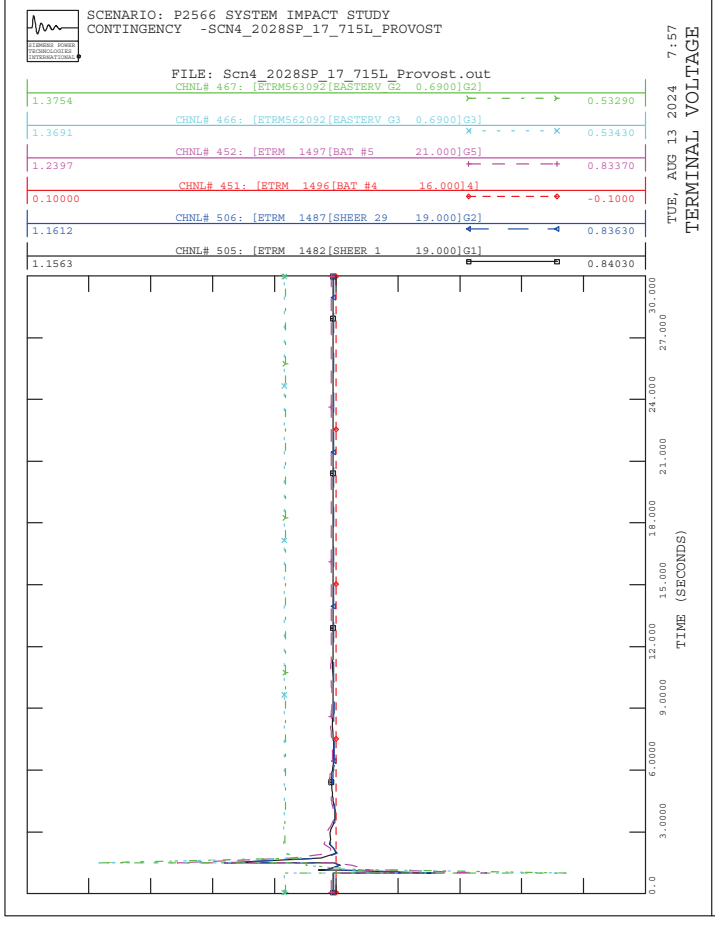
TUE, AUG 13 2024 7:57

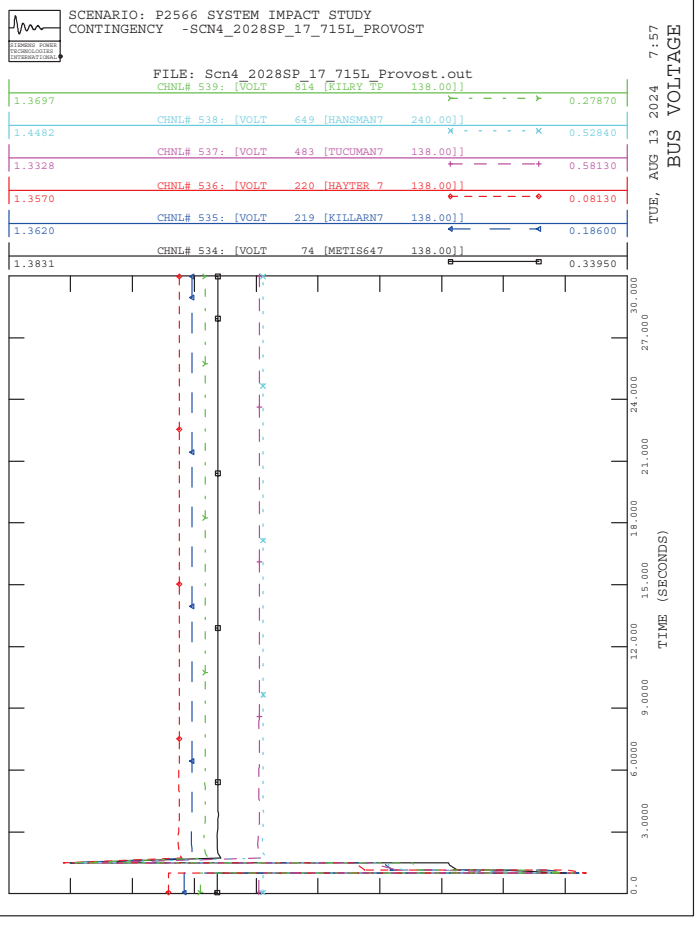
REACTIVE POWER

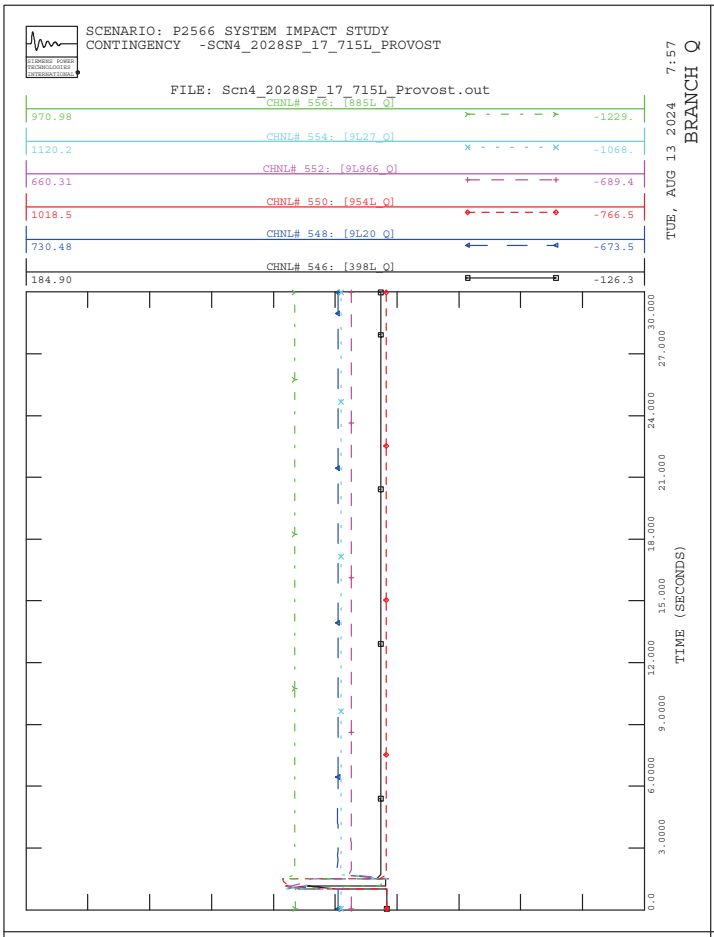


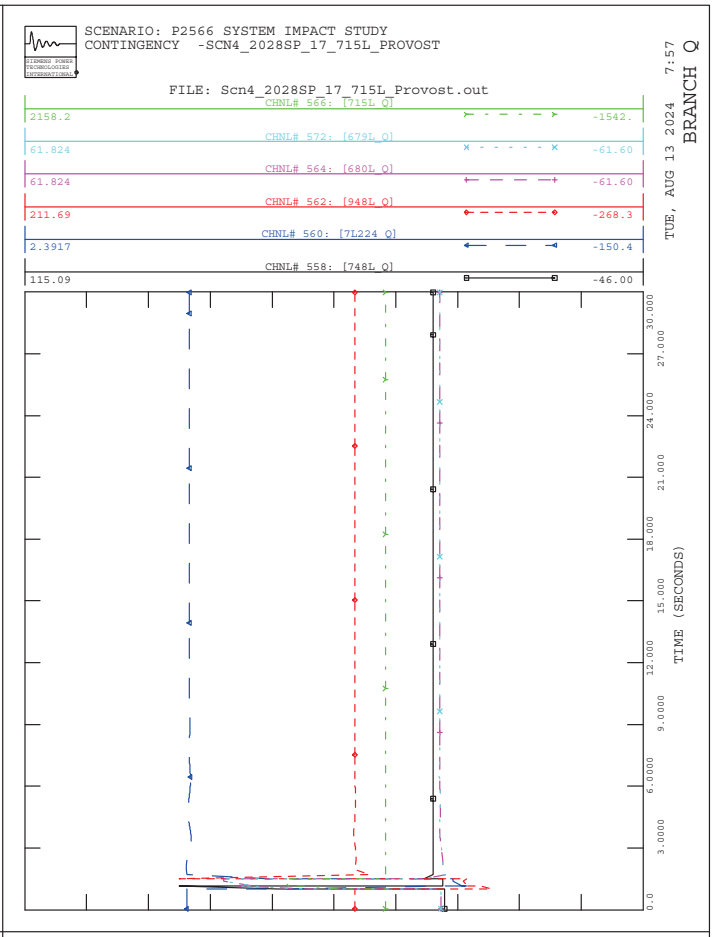

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_17_715L_PROVOST
FILE: Scn4_2028SP_17_715L_Provost.out
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.3747
0.53420
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3754
0.53290
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3691
0.53430
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

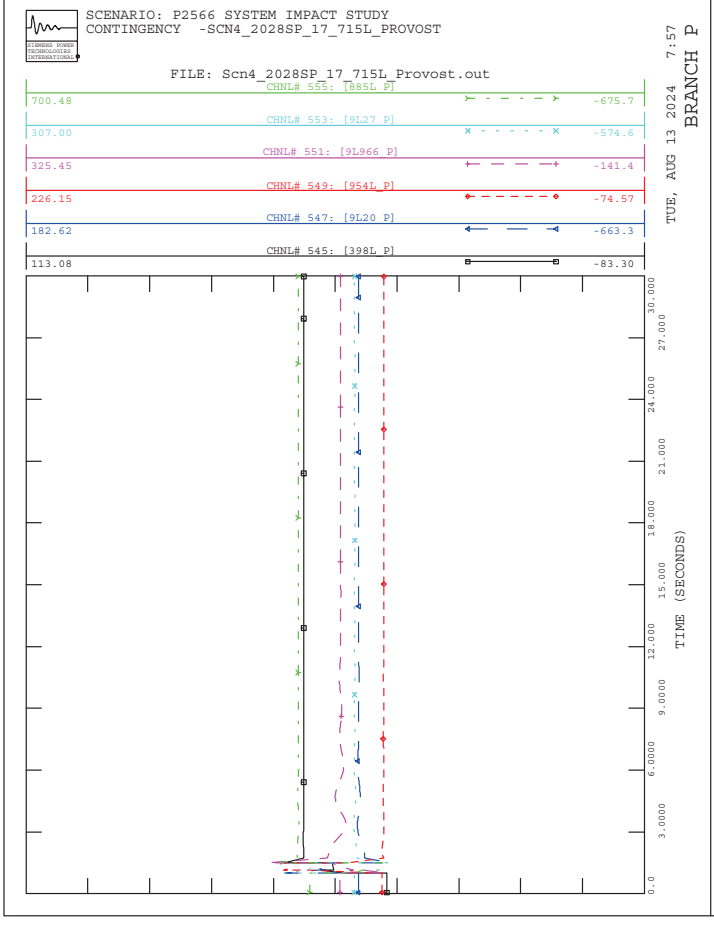

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_17_715L_PROVOST
FILE: Scn4_2028SP_17_715L_Provost.out
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.4215
0.57100
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2966
0.77920
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3913
0.62440
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2404
0.82820
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3264
0.73730
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

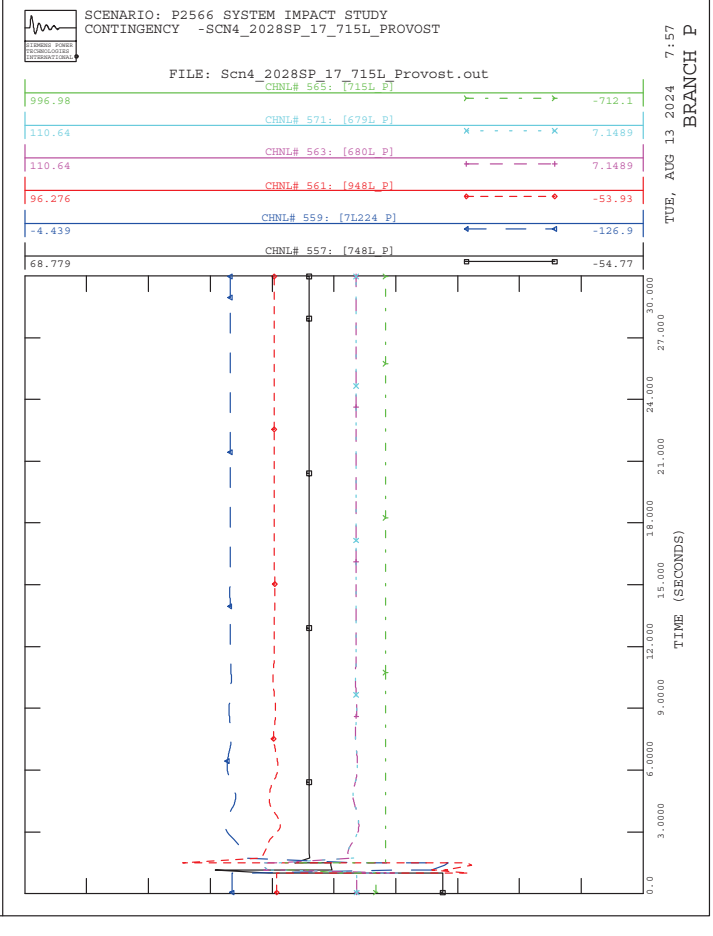

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_17_715L_PROVOST
FILE: Scn4_2028SP_17_715L_Provost.out
CHNL# 467: [ETRM563097[EASTERV G2 0.6900]G2]
1.3754
0.53290
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3691
0.53430
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2397
0.83370
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000
-0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1612
0.83630
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1563
0.84030
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_17_715L_PROVOST
FILE: Scn4_2028SP_17_715L_Provost.out
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.3697
0.27870
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4482
0.52840
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3328
0.58130
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.3570
0.08130
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.3620
0.18600
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.3831
0.33950
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_17_715L_PROVOST
FILE: Scn4_2028SP_17_715L_Provost.out
CHNL# 556: [885L Q]
970.98
-1229.
CHNL# 554: [9L27 Q]
1120.2
-1068.
CHNL# 552: [9L966 Q]
660.31
-689.4
CHNL# 550: [954L Q]
1018.5
-766.5
CHNL# 548: [9L20 Q]
730.48
-673.5
CHNL# 546: [398L Q]
184.90
-126.3
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_17_715L_PROVOST
FILE: Scn4_2028SP_17_715L_Provost.out
CHNL# 566: [715L Q]
2158.2
-1542.
CHNL# 572: [679L Q]
61.824
-61.60
CHNL# 564: [680L Q]
61.824
-61.60
CHNL# 562: [948L Q]
211.69
-268.3
CHNL# 560: [7L224 Q]
2.3917
-150.4
CHNL# 558: [748L Q]
115.09
-46.00
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_17_715L_PROVOST
FILE: Scn4_2028SP_17_715L_Provost.out
CHNL# 555: [885L P]
700.48
-675.7
CHNL# 553: [9L27 P]
307.00
-574.6
CHNL# 551: [9L966 P]
325.45
-141.4
CHNL# 549: [954L P]
226.15
-74.57
CHNL# 547: [9L20 P]
182.62
-663.3
CHNL# 545: [398L P]
113.08
-83.30
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_17_715L_PROVOST
FILE: Scn4_2028SP_17_715L_Provost.out
CHNL# 565: [715L P]
996.98
-712.1
CHNL# 571: [679L P]
110.64
7.1489
CHNL# 563: [680L P]
110.64
7.1489
CHNL# 561: [948L P]
96.276
-53.93
CHNL# 559: [7L224 P]
-4.439
-126.9
CHNL# 557: [748L P]
68.779
-54.77
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
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12.000
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18.000
21.000
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30.000

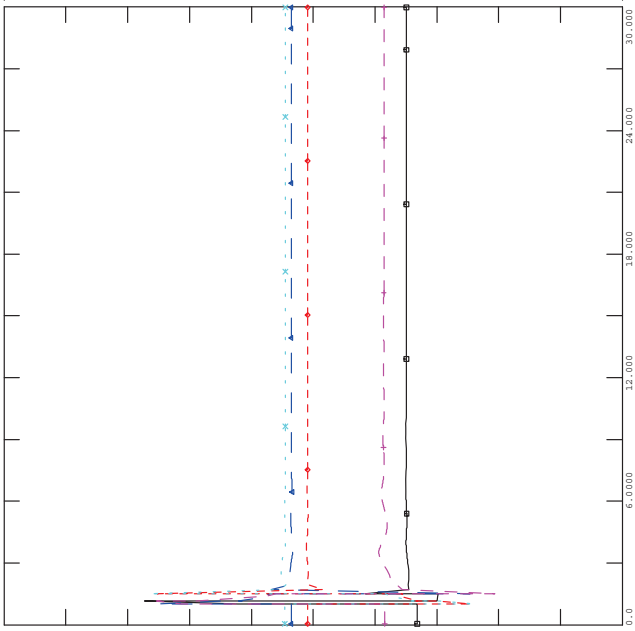
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CONTINGENCY -SCN4_2028SP_17_715L_PROVOST

FILE: Scn4_2028SP_17_715L_Provost.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16_Q] 425.12 -391.4
CHNL# 576: [9L59_Q] 163.10 -14.74
CHNL# 574: [953L_Q] 342.89 -395.1
CHNL# 570: [1047L_Q] 357.24 -285.8
CHNL# 568: [749L_Q] 133.65 -100.8



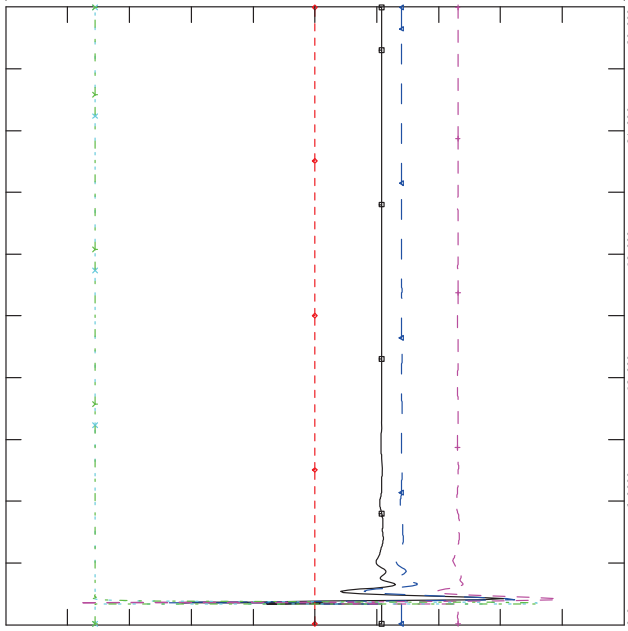
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_18_9L666_HANSMANLAKE

FILE: Scn4_2028SP_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2] 1.2164 -0.2000
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3] 1.2171 -0.2000
CHNL# 191: [POWR 1497[BAT #5 21.000]G5] 2.2651 0.46320
CHNL# 190: [POWR 1496[BAT #4 16.000]4] 0.20000 -0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2] 2.0613 1.0285
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1] 1.9756 1.0282



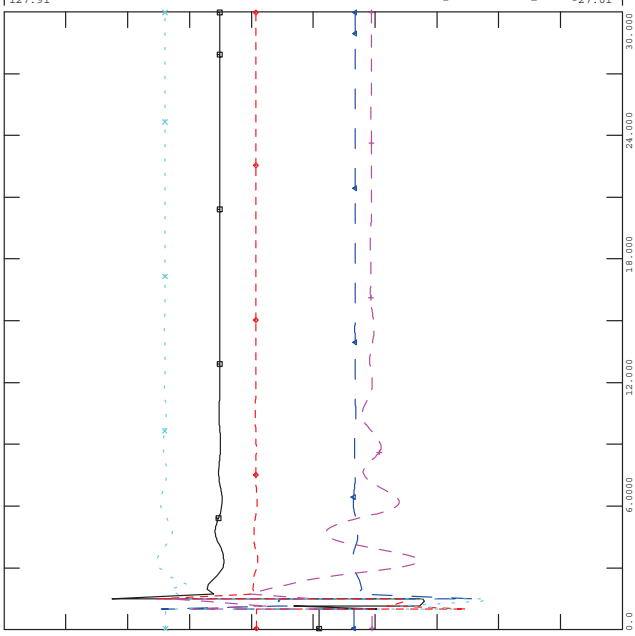
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_17_715L_PROVOST

FILE: Scn4_2028SP_17_715L_Provost.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P] 78.570 -148.2
CHNL# 575: [9L59_P] 1.2082 -124.6
CHNL# 573: [953L_P] 278.37 -70.66
CHNL# 569: [1047L_P] -4.817 -434.6
CHNL# 567: [749L_P] 127.91 -27.01



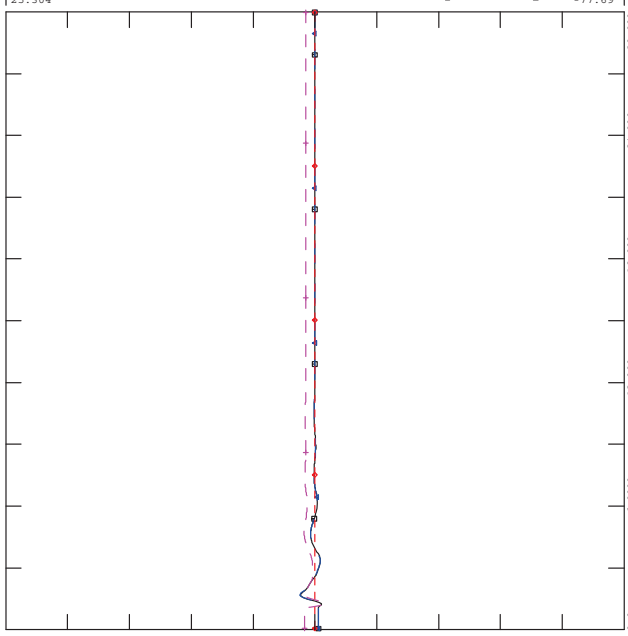
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_18_9L666_HANSMANLAKE

FILE: Scn4_2028SP_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5] 19.625 -83.86
CHNL# 16: [ANGL 1496[BAT #4 16.000]4] 50.000 -50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2] 28.376 -74.87
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1] 25.304 -77.69



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_18_9L666_HANSMANLAKE

FILE: Scn4_2028SP_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
3.3302 -1.969

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
4.5201 -2.590

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
5.5062 -3.027

CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000 -0.5000

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
3.8571 -1.167

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
4.1466 -1.545

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_18_9L666_HANSMANLAKE

FILE: Scn4_2028SP_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.6094 0.02070

CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.6227 0.02230

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2130 0.69210

CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2021 0.73900

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1939 0.74920

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_18_9L666_HANSMANLAKE

FILE: Scn4_2028SP_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2164 -0.2000

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2164 -0.2000

CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2171 -0.2000

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_18_9L666_HANSMANLAKE

FILE: Scn4_2028SP_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
3.3407 -1.989

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
3.3302 -1.969

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
4.5201 -2.590

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_18_9L666_HANSMANLAKE

FILE: Scn4_2028SP_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.3670 0.03030
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4330 -0.0943
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3262 0.19260
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.3696 0.02890
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.3664 0.02850
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.3725 -0.0081

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_18_9L666_HANSMANLAKE

FILE: Scn4_2028SP_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
610.07 -433.2
CHNL# 553: [9L27 P]
610.76 -712.0
CHNL# 551: [9L966 P]
5000.0 -5000.
CHNL# 549: [954L P]
208.05 -160.8
CHNL# 547: [9L20 P]
468.77 -804.4
CHNL# 545: [398L P]
55.973 -43.16

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_18_9L666_HANSMANLAKE

FILE: Scn4_2028SP_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.6125 0.02080
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.6094 0.02070
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.6227 0.02230

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_18_9L666_HANSMANLAKE

FILE: Scn4_2028SP_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.4682 0.03920
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2926 0.53830
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4084 0.18940
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2446 0.66690
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3213 0.42950

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_18_9L666_HANSMANLAKE

FILE: Scn4_2028SP_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 565: [715L_P]	99.474	-70.58
CHNL# 571: [679L_P]	97.911	-34.28
CHNL# 563: [680L_P]	97.911	-34.28
CHNL# 561: [948L_P]	122.93	-228.6
CHNL# 559: [7L224_P]	155.39	-336.9
CHNL# 557: [748L_P]	38.710	-64.17

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_18_9L666_HANSMANLAKE

FILE: Scn4_2028SP_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P]	156.41	-392.0
CHNL# 575: [9L59_P]	71.283	-121.9
CHNL# 573: [953L_P]	250.97	-209.8
CHNL# 569: [1047L_P]	208.24	-400.0
CHNL# 567: [749L_P]	96.232	-39.47

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_18_9L666_HANSMANLAKE

FILE: Scn4_2028SP_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L_Q]	883.67	-1074.
CHNL# 554: [9L27_Q]	1982.0	-1736.
CHNL# 552: [9L966_Q]	5000.0	-5000.
CHNL# 550: [954L_Q]	906.04	-686.1
CHNL# 548: [9L20_Q]	1141.1	-1002.
CHNL# 546: [398L_Q]	47.287	-39.11

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_18_9L666_HANSMANLAKE

FILE: Scn4_2028SP_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 566: [715L_Q]	43.580	-43.74
CHNL# 572: [679L_Q]	76.915	-62.52
CHNL# 564: [680L_Q]	76.915	-62.52
CHNL# 562: [948L_Q]	199.07	-131.3
CHNL# 560: [7L224_Q]	756.80	-373.3
CHNL# 558: [748L_Q]	47.850	-40.22

TIME (SECONDS)

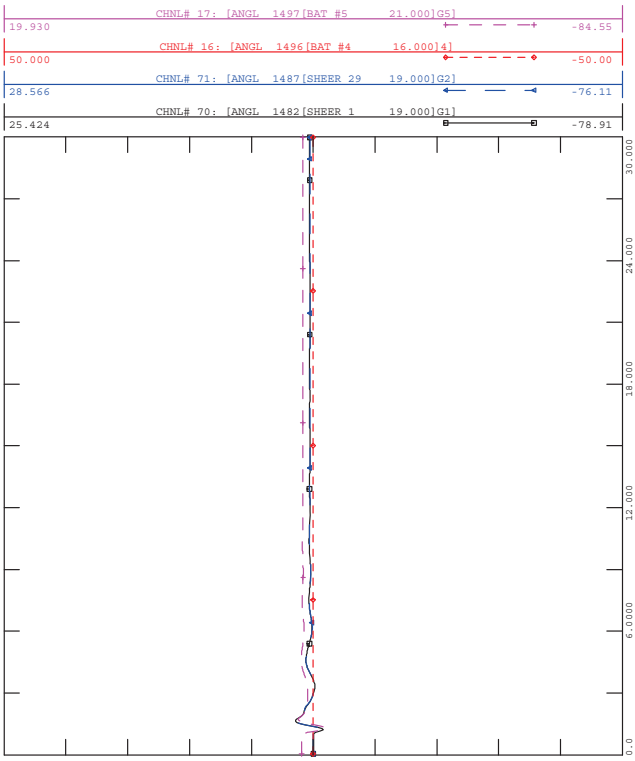
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SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_19_9L666_PEMUKAN

FILE: Scn4_2028SP_19_9L666_Pemukan.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

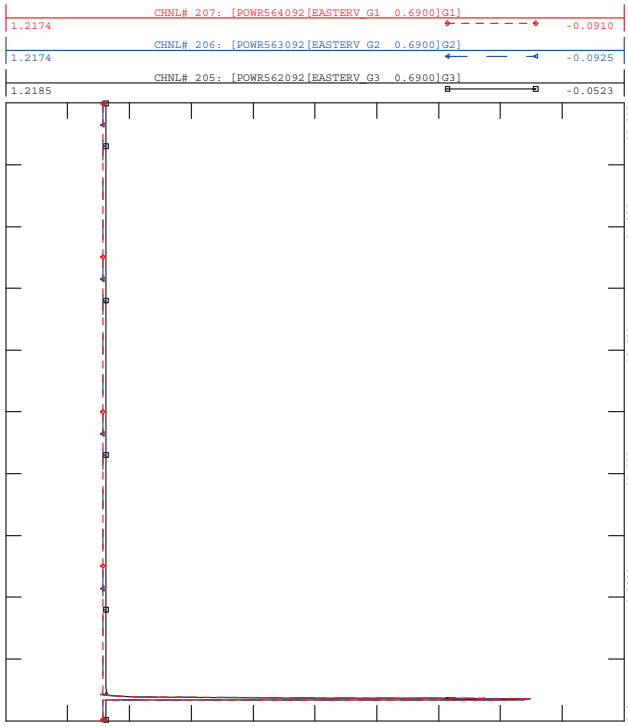


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CONTINGENCY -SCN4_2028SP_19_9L666_PEMUKAN

FILE: Scn4_2028SP_19_9L666_Pemukan.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

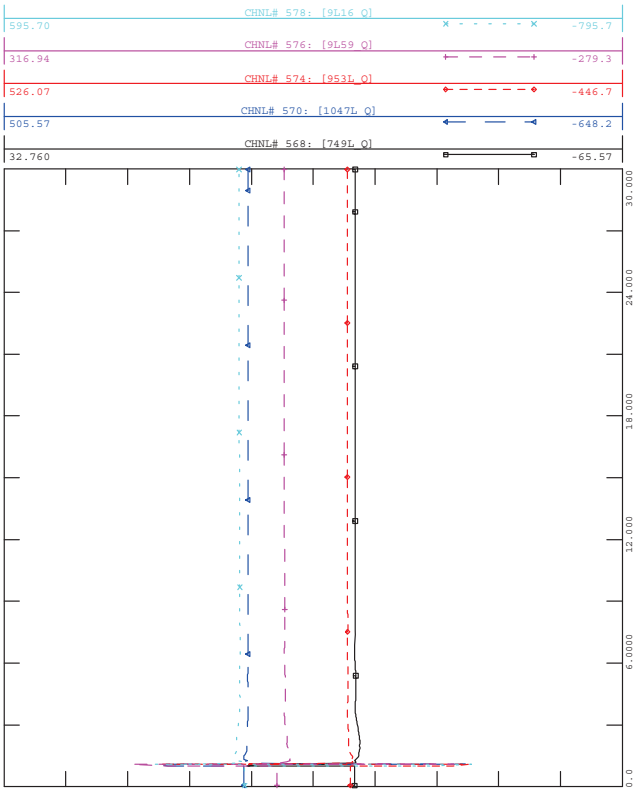


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_18_9L666_HANSMANLAKE

FILE: Scn4_2028SP_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

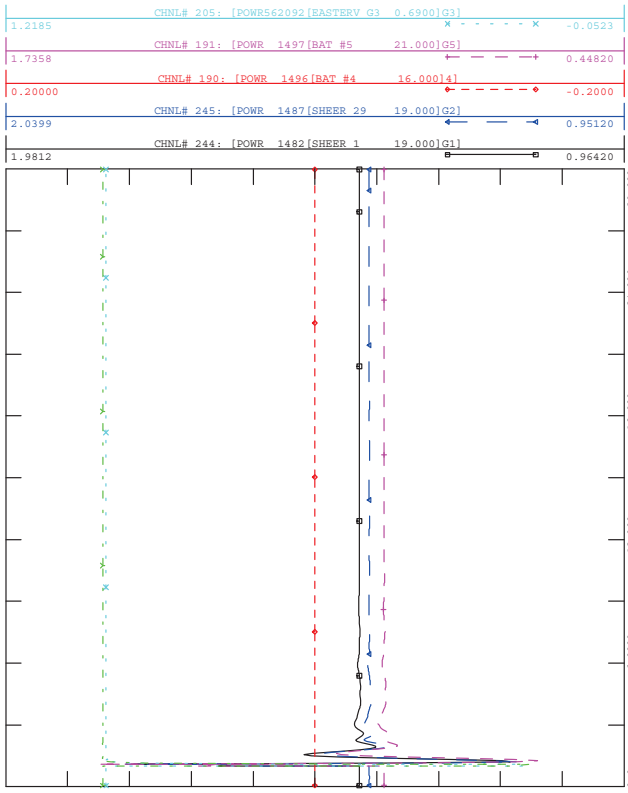


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_19_9L666_PEMUKAN

FILE: Scn4_2028SP_19_9L666_Pemukan.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

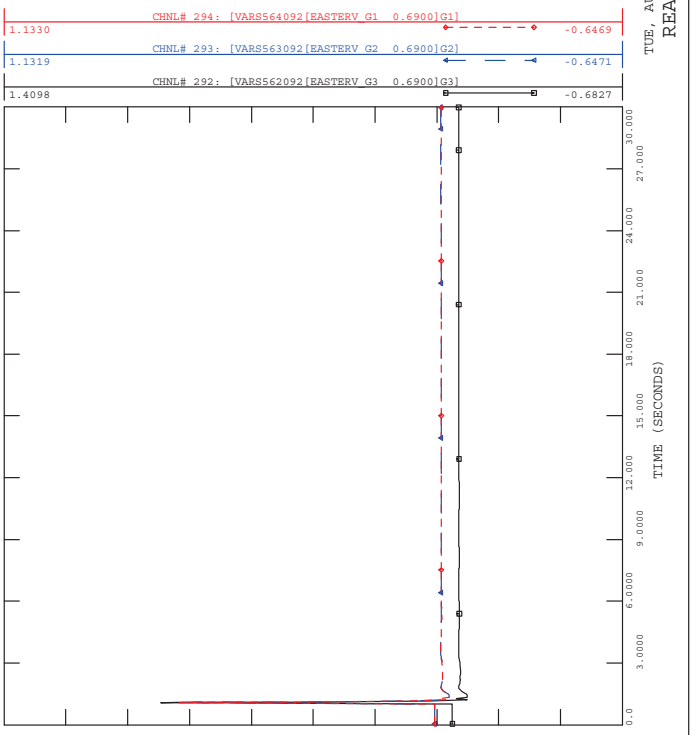


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_19_9L666_PEMUKAN

FILE: Scn4_2028SP_19_9L666_Pemukan.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

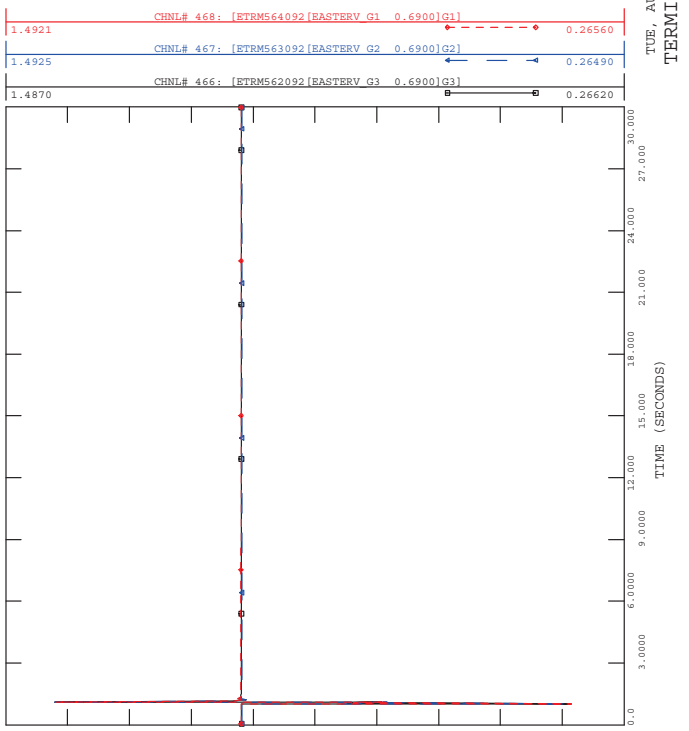


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_19_9L666_PEMUKAN

FILE: Scn4_2028SP_19_9L666_Pemukan.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

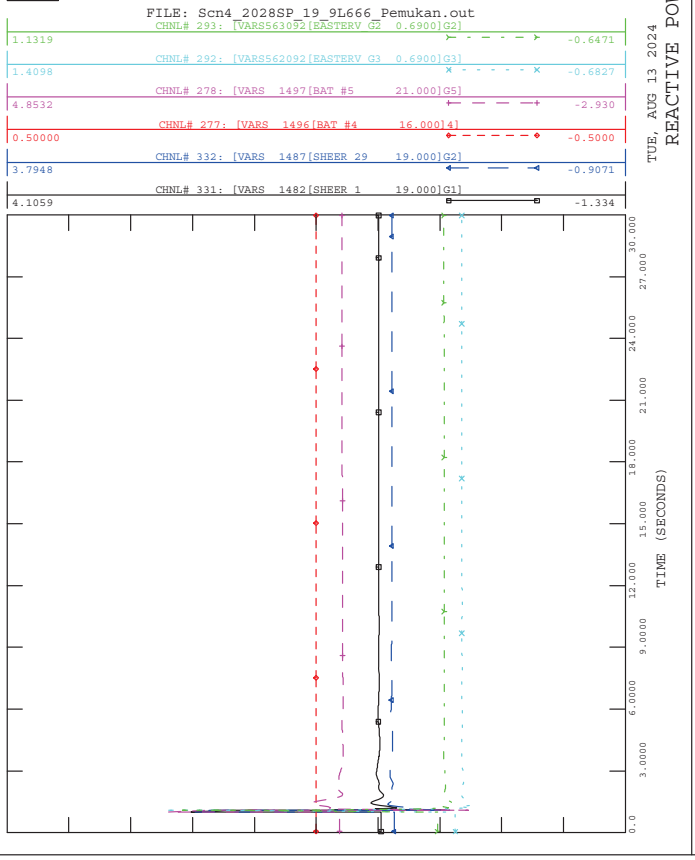


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_19_9L666_PEMUKAN

FILE: Scn4_2028SP_19_9L666_Pemukan.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

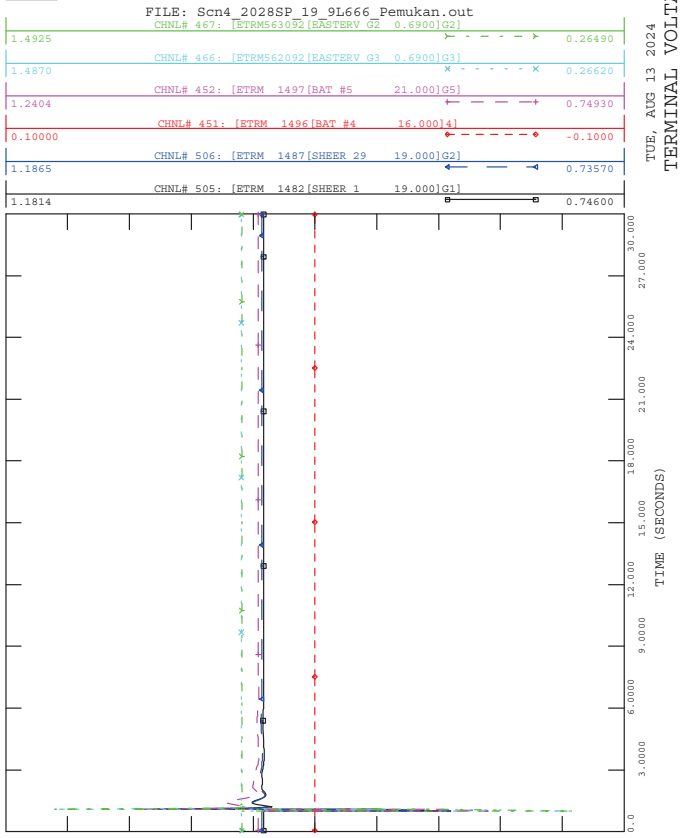


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_19_9L666_PEMUKAN

FILE: Scn4_2028SP_19_9L666_Pemukan.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_19_9L666_PEMUKAN

FILE: Scn4_2028SP_19_9L666_Pemukan.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

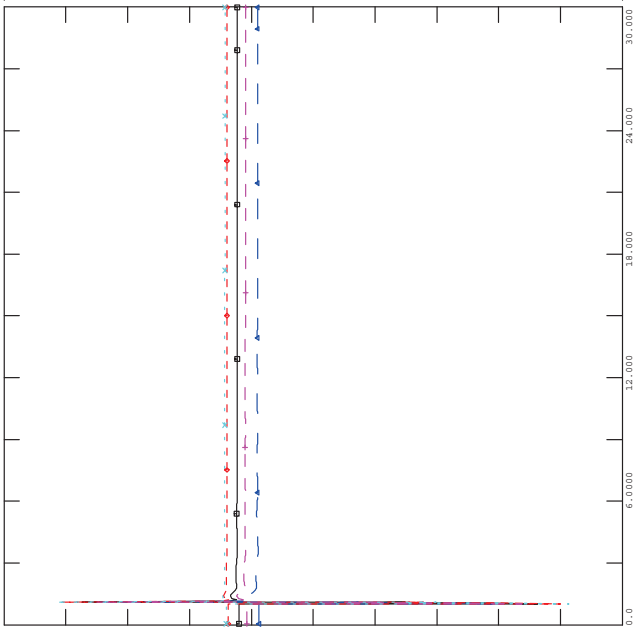
CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.5068 0.29190

CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3367 0.63600

CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4609 0.39340

CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2714 0.72660

CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3751 0.56090



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_19_9L666_PEMUKAN

FILE: Scn4_2028SP_19_9L666_Pemukan.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L Q]
572.27 -527.4

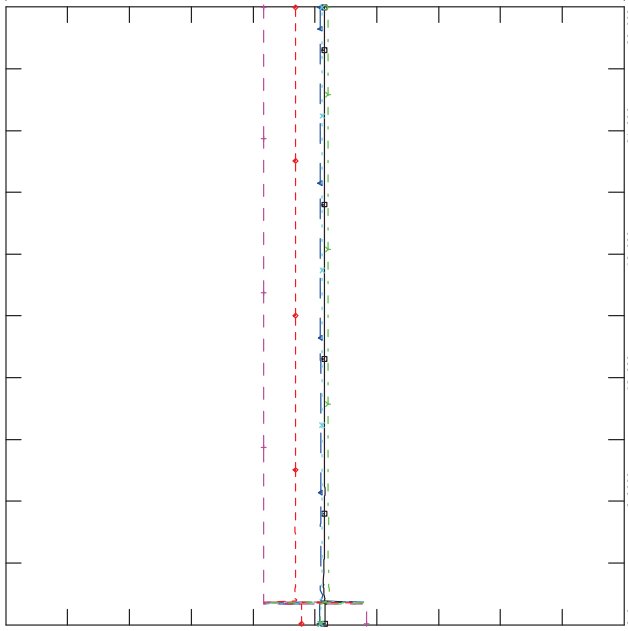
CHNL# 554: [9L27 Q]
1692.8 -1622.

CHNL# 552: [9L966 Q]
125.48 -175.7

CHNL# 550: [954L Q]
491.09 -584.1

CHNL# 548: [9L20 Q]
1019.9 -946.6

CHNL# 546: [398L Q]
52.290 -42.45



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_19_9L666_PEMUKAN

FILE: Scn4_2028SP_19_9L666_Pemukan.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4343 0.22070

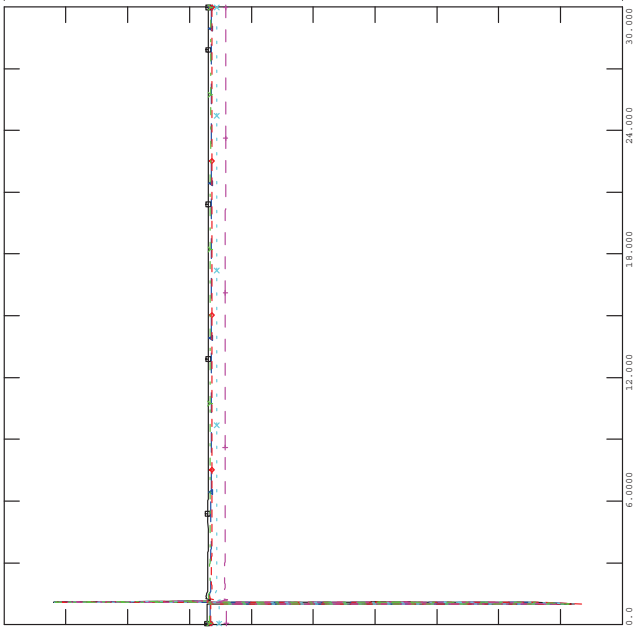
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5317 0.20310

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3938 0.37800

CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4362 0.21560

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4334 0.21660

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4416 0.19030



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_19_9L666_PEMUKAN

FILE: Scn4_2028SP_19_9L666_Pemukan.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
504.40 -386.1

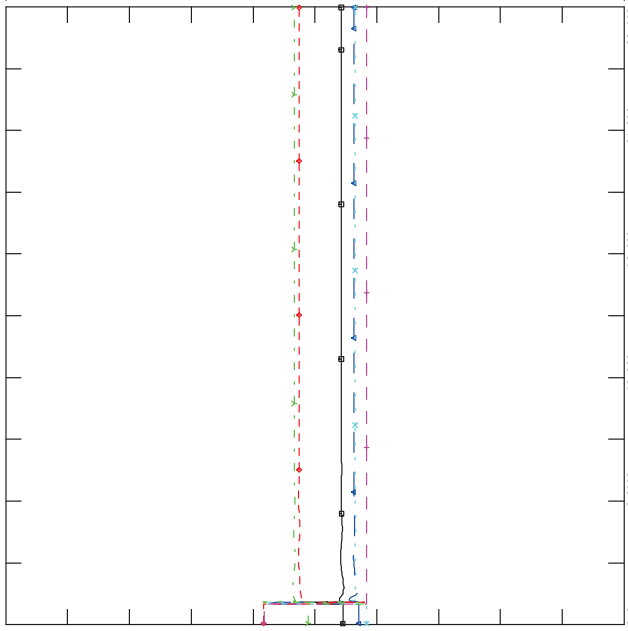
CHNL# 553: [9L27 P]
438.76 -589.1

CHNL# 551: [9L966 P]
314.04 -224.3

CHNL# 549: [954L P]
209.57 -166.3

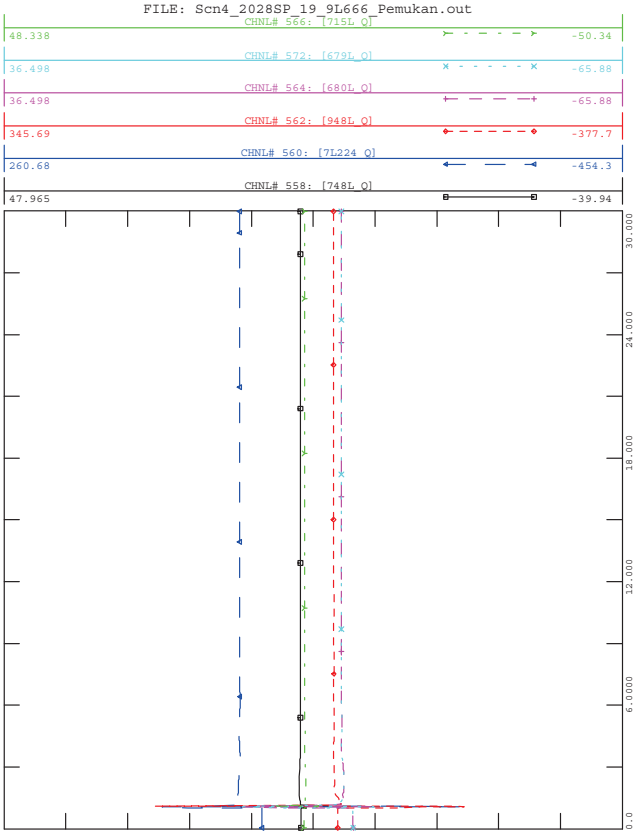
CHNL# 547: [9L20 P]
355.21 -743.8

CHNL# 545: [398L P]
46.907 -41.87



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_19_9L666_PEMUKAN

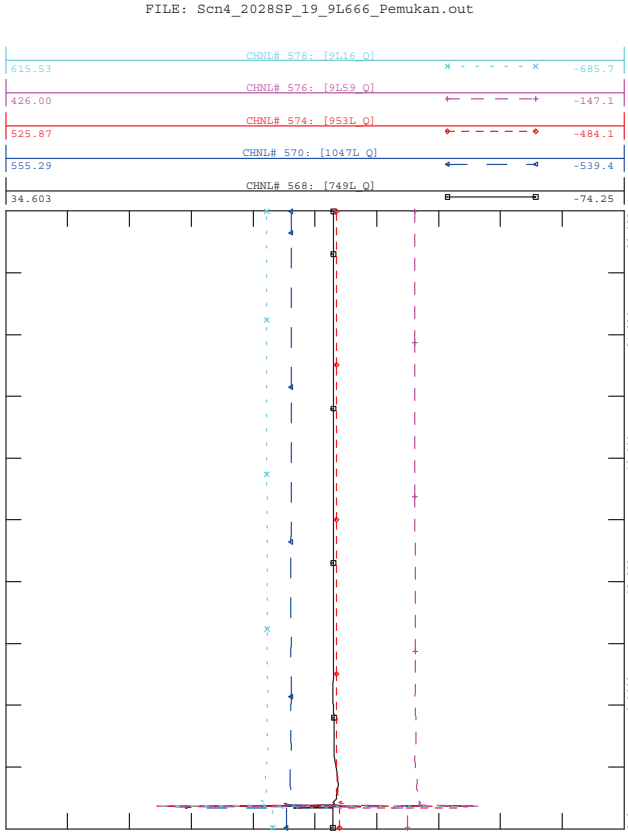
FILE: Scn4_2028SP_19_9L666_Pemukan.out



TUE, AUG 13 2024 7:57 BRANCH Q

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_19_9L666_PEMUKAN

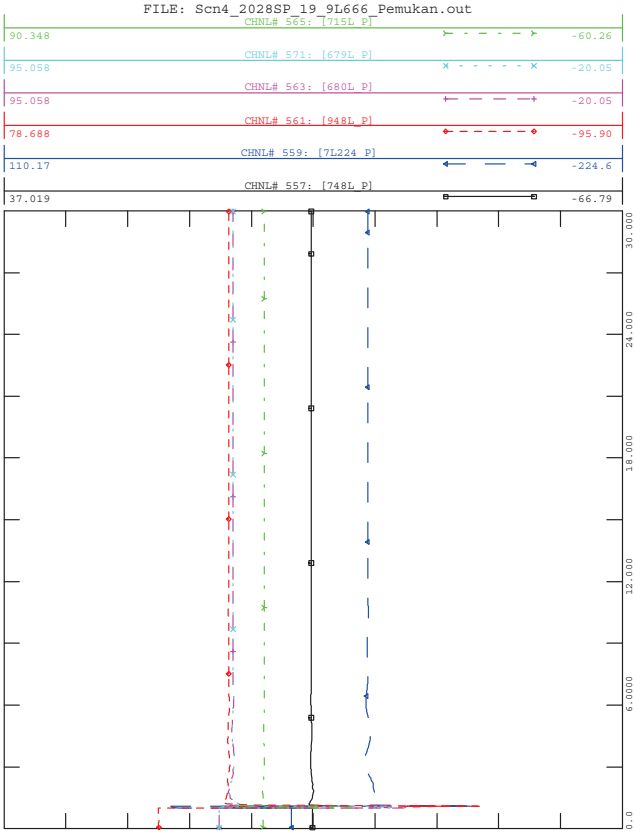
FILE: Scn4_2028SP_19_9L666_Pemukan.out



TUE, AUG 13 2024 7:57 BRANCH Q

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_19_9L666_PEMUKAN

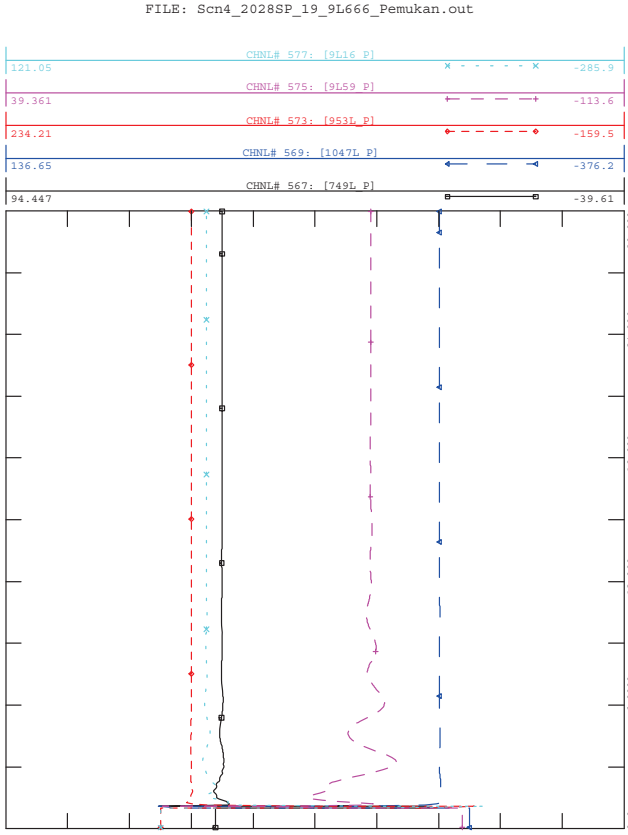
FILE: Scn4_2028SP_19_9L666_Pemukan.out



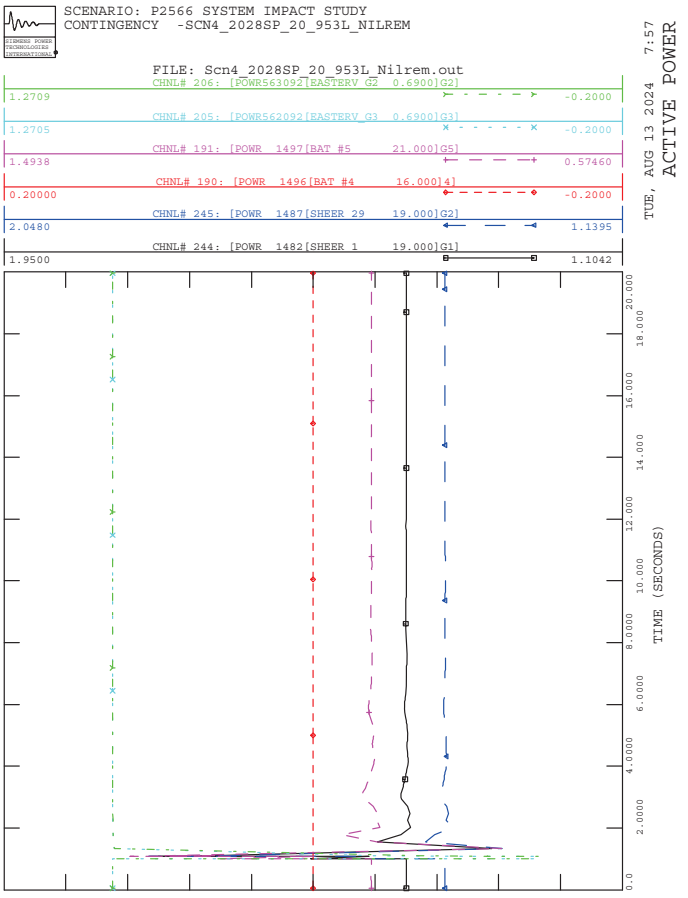
TUE, AUG 13 2024 7:57 BRANCH P

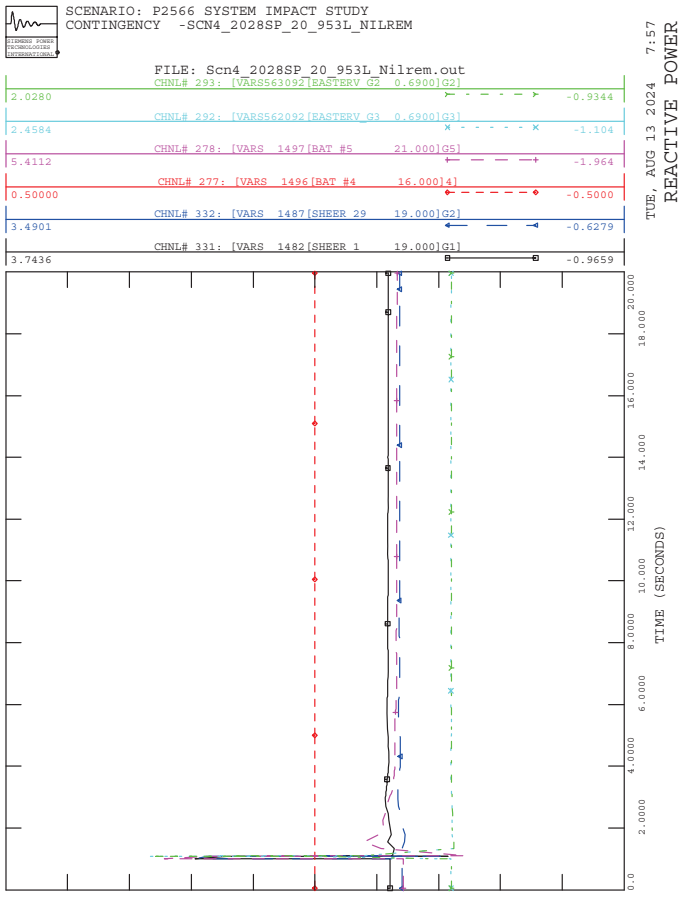
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_19_9L666_PEMUKAN

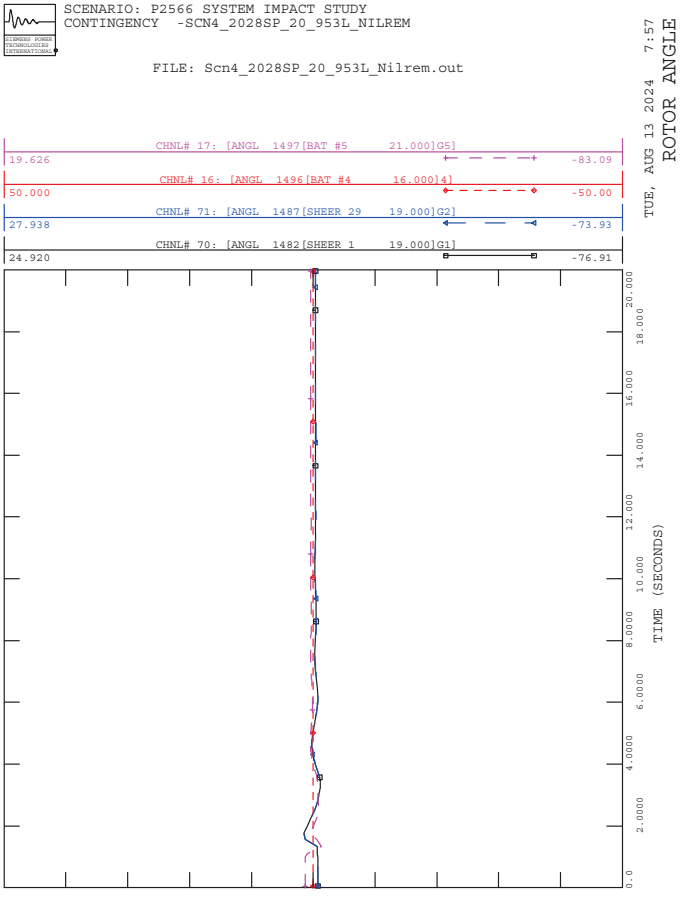
FILE: Scn4_2028SP_19_9L666_Pemukan.out

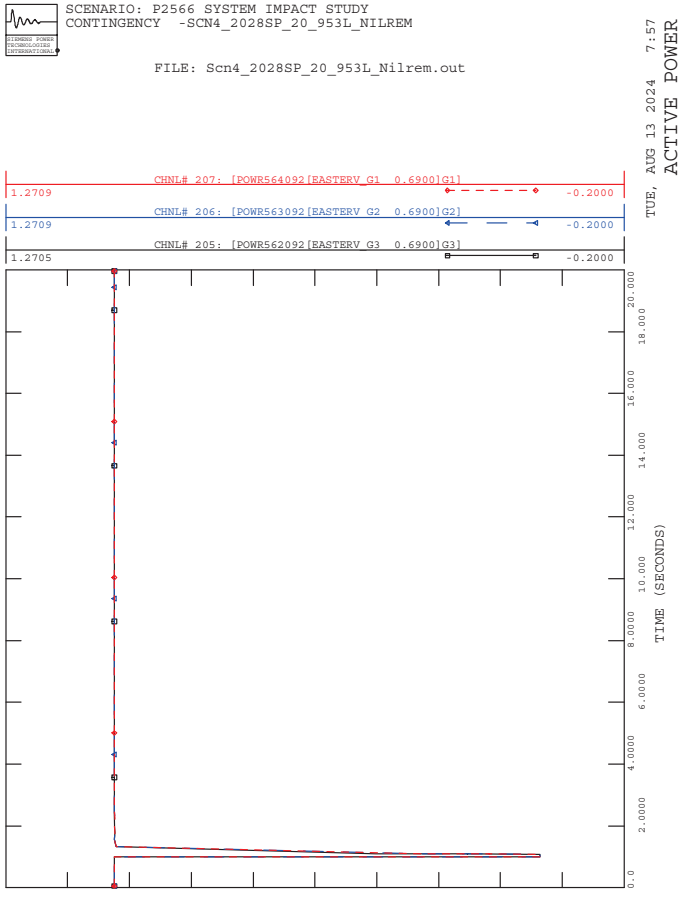


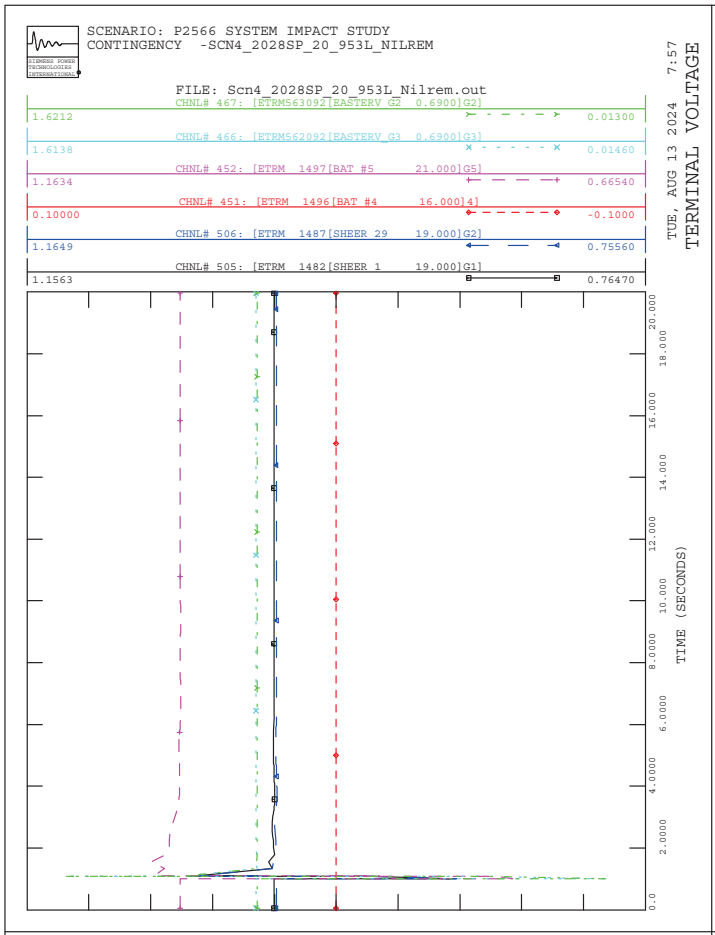
TUE, AUG 13 2024 7:57 BRANCH P

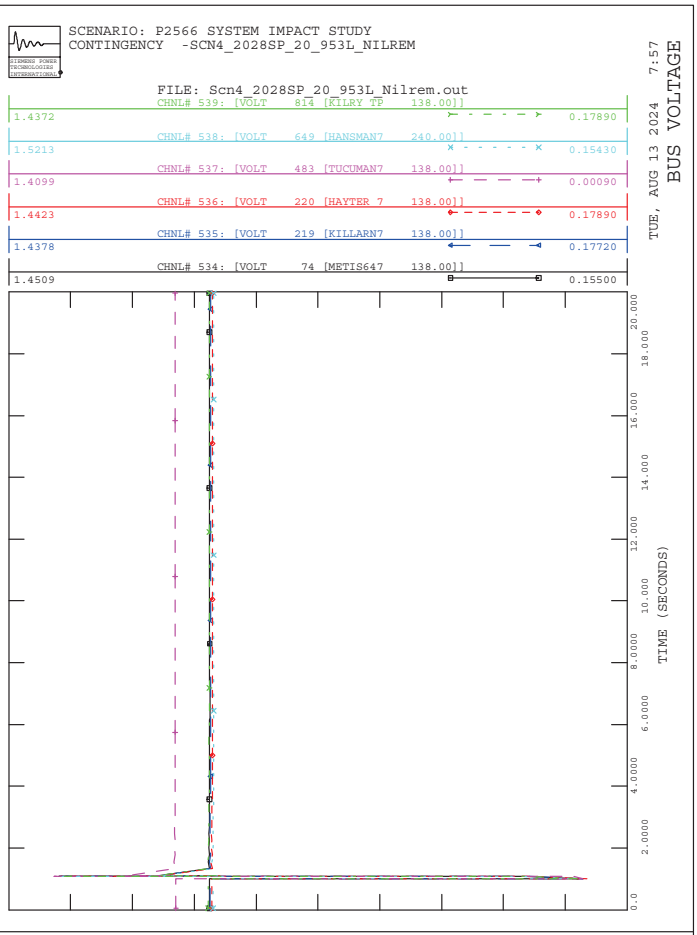

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_20_953L_NILREM
FILE: Scn4_2028SP_20_953L_Nilrem.out
CHNL# 206: [POWRS63092[EASTERV G2 0.6900]G2]
1.2709
-0.2000
CHNL# 205: [POWRS62092[EASTERV G3 0.6900]G3]
1.2705
-0.2000
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.4938
0.57460
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000
-0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
2.0480
1.1395
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
1.9500
1.1042
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

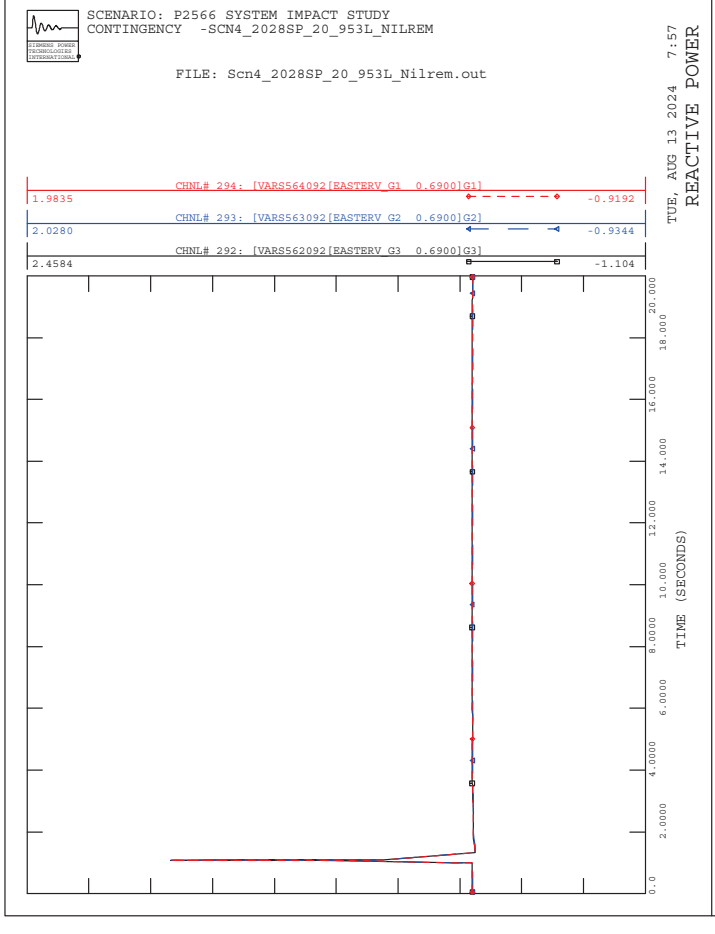

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_20_953L_NILREM
FILE: Scn4_2028SP_20_953L_Nilrem.out
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
2.0280
-0.9344
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
2.4584
-1.104
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
5.4112
-1.964
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000
-0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
3.4901
-0.6279
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
3.7436
-0.9659
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

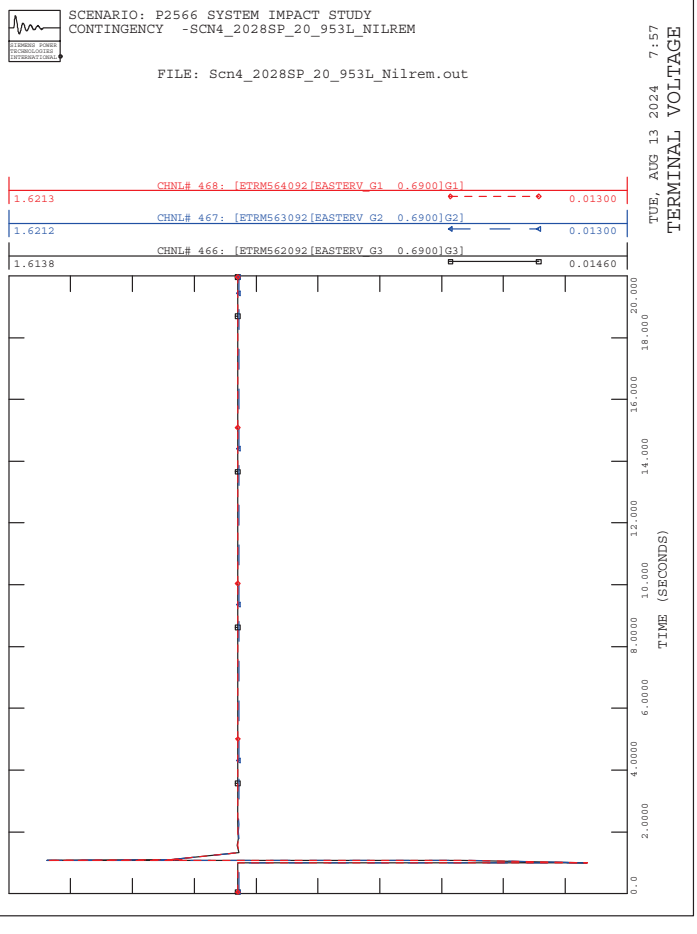

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_20_953L_NILREM
FILE: Scn4_2028SP_20_953L_Nilrem.out
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
19.626
-83.09
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000
-50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
27.938
-73.93
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
24.920
-76.91
TUE, AUG 13 2024 7:57
ROTOR ANGLE
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_20_953L_NILREM
FILE: Scn4_2028SP_20_953L_Nilrem.out
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2709
-0.2000
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2709
-0.2000
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2705
-0.2000
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_20_953L_NILREM
FILE: Scn4_2028SP_20_953L_Nilrem.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.6212
0.01300
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.6138
0.01460
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1634
0.66540
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000
-0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1649
0.75560
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1563
0.76470
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_20_953L_NILREM
FILE: Scn4_2028SP_20_953L_Nilrem.out
TUE, AUG 13 2024 7:57
BUS VOLTAGE
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4372
0.17890
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5213
0.15430
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4099
0.00090
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4423
0.17890
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4378
0.17720
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4509
0.15500
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_20_953L_NILREM
FILE: Scn4_2028SP_20_953L_Nilrem.out
TUE, AUG 13 2024 7:57
REACTIVE POWER
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.9835
-0.9192
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
2.0280
-0.9344
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
2.4584
-1.104
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_20_953L_NILREM
FILE: Scn4_2028SP_20_953L_Nilrem.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.6213
0.01300
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.6212
0.01300
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.6138
0.01460
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_20_953L_NILREM

FILE: Scn4_2028SP_20_953L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
423.48 -276.3

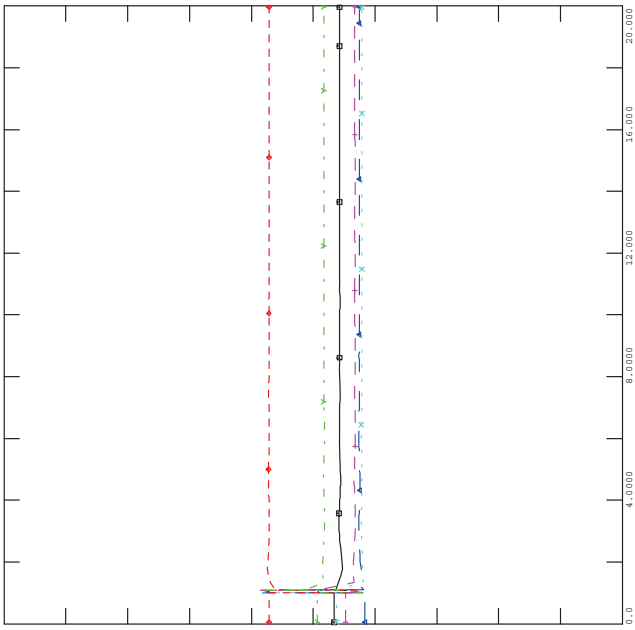
CHNL# 553: [9L27 P]
535.62 -760.4

CHNL# 551: [9L966 P]
1088.6 -723.3

CHNL# 549: [954L P]
183.15 -120.7

CHNL# 547: [9L20 P]
503.26 -825.8

CHNL# 545: [398L P]
45.826 -42.84



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_20_953L_NILREM

FILE: Scn4_2028SP_20_953L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 565: [715L P]
98.595 -64.97

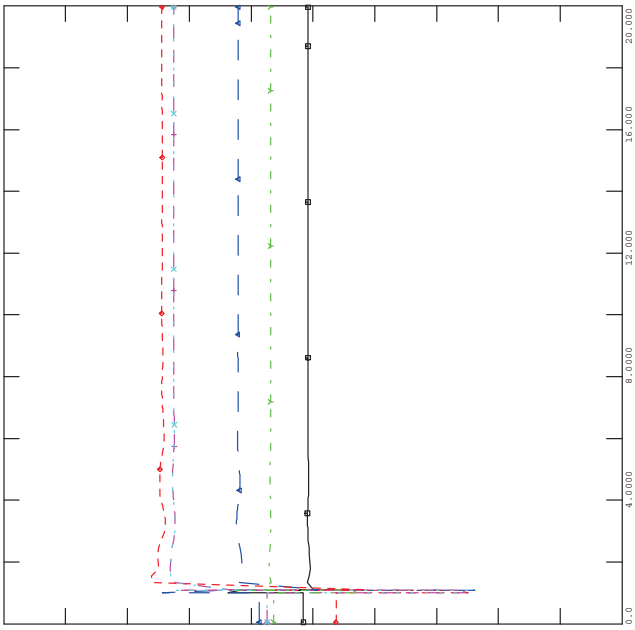
CHNL# 571: [679L P]
128.30 -43.58

CHNL# 563: [680L P]
128.30 -43.58

CHNL# 561: [948L P]
142.69 -57.42

CHNL# 559: [7L224 P]
37.121 -162.8

CHNL# 557: [748L P]
36.888 -69.71



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_20_953L_NILREM

FILE: Scn4_2028SP_20_953L_Nilrem.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

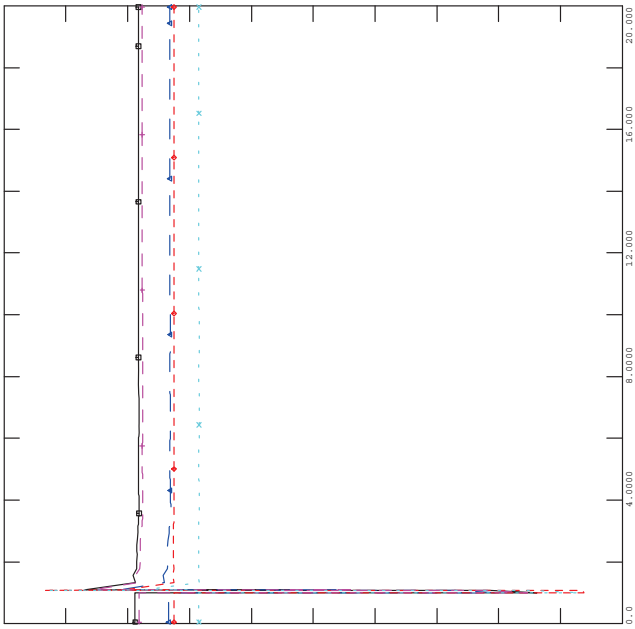
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.5484 0.03120

CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2213 0.49160

CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.5171 -0.0948

CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.1942 0.63990

CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2364 0.43140



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_20_953L_NILREM

FILE: Scn4_2028SP_20_953L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L Q]
183.57 -114.7

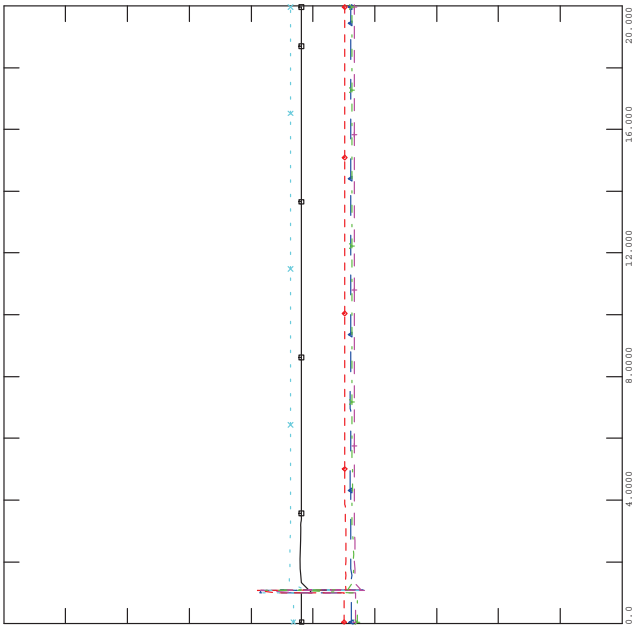
CHNL# 554: [9L27 Q]
1705.1 -1926.

CHNL# 552: [9L966 Q]
936.38 -796.1

CHNL# 550: [954L Q]
72.816 -100.7

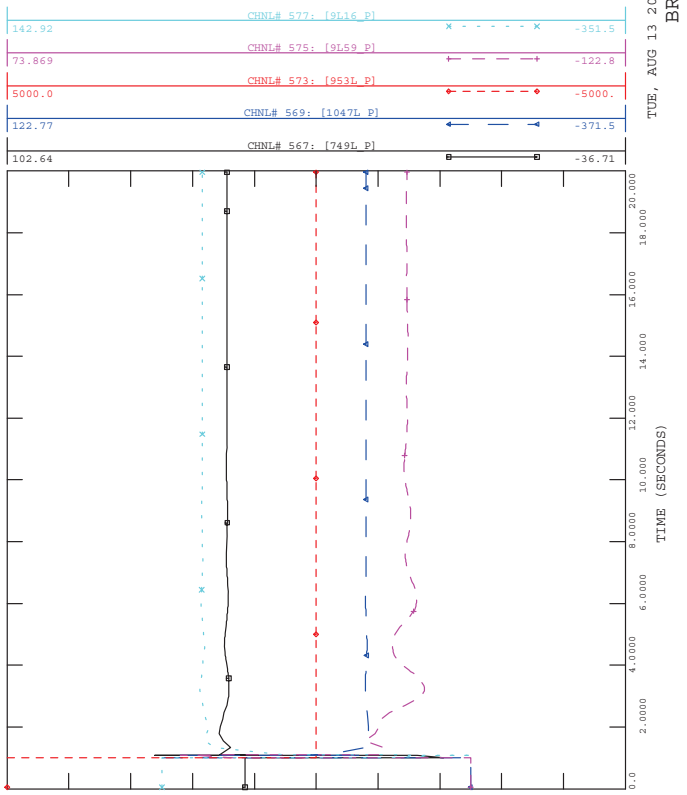
CHNL# 548: [9L20 Q]
999.7 -739.5

CHNL# 546: [398L Q]
48.863 -45.63



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_20_953L_NILREM

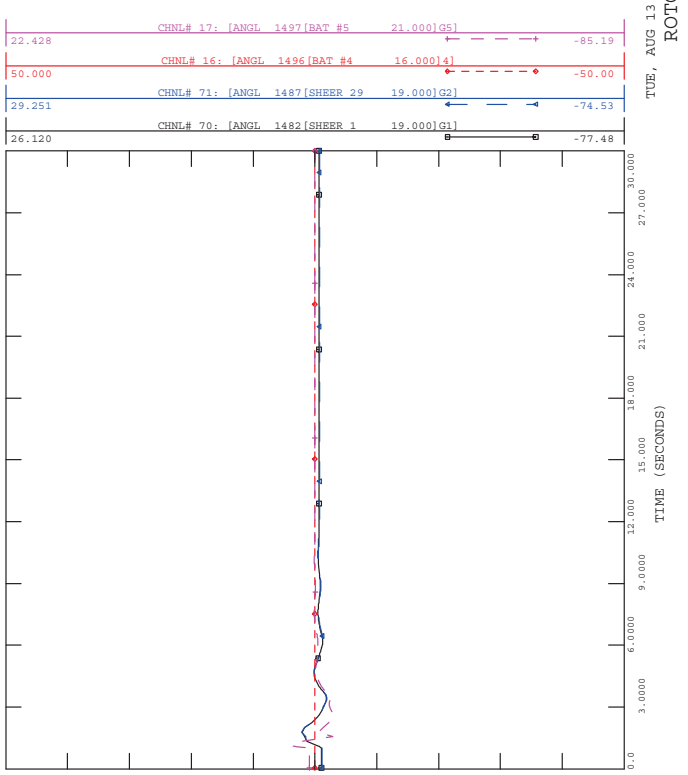
FILE: Scn4_2028SP_20_953L_Nilrem.out



TUE, AUG 13 2024 7:57 BRANCH P

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_21_953L_CORDEL

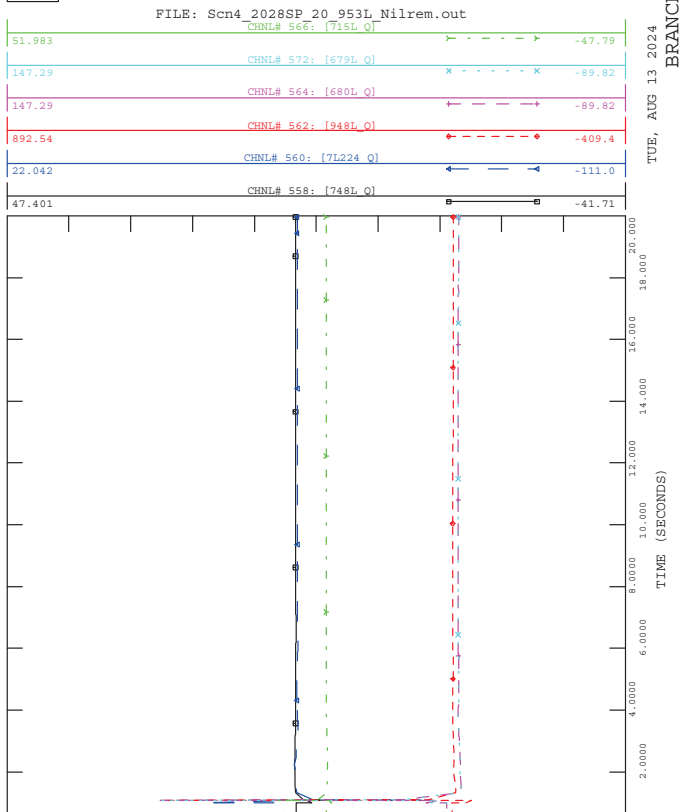
FILE: Scn4_2028SP_21_953L_Cordel.out



TUE, AUG 13 2024 7:57 ROTOR ANGLE

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_20_953L_NILREM

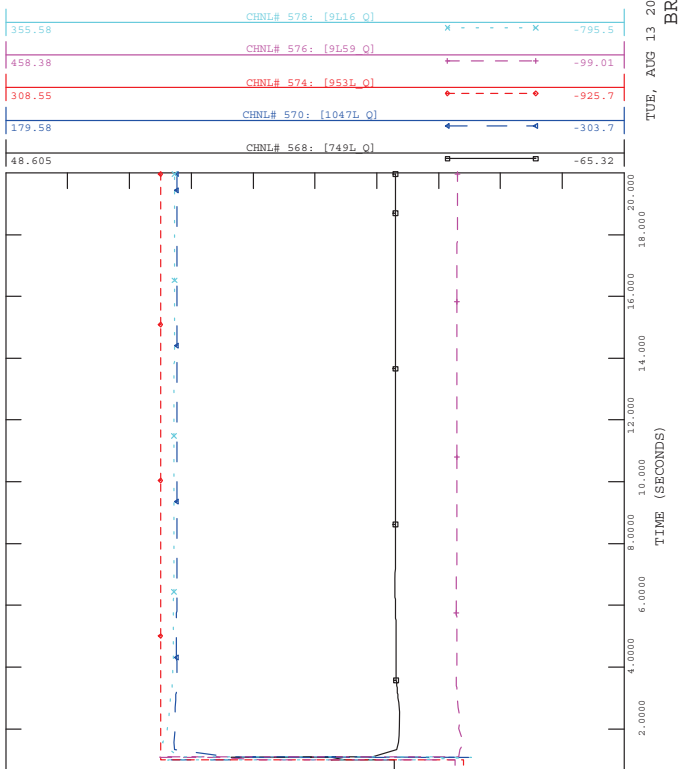
FILE: Scn4_2028SP_20_953L_Nilrem.out



TUE, AUG 13 2024 7:57 BRANCH Q

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_20_953L_NILREM

FILE: Scn4_2028SP_20_953L_Nilrem.out



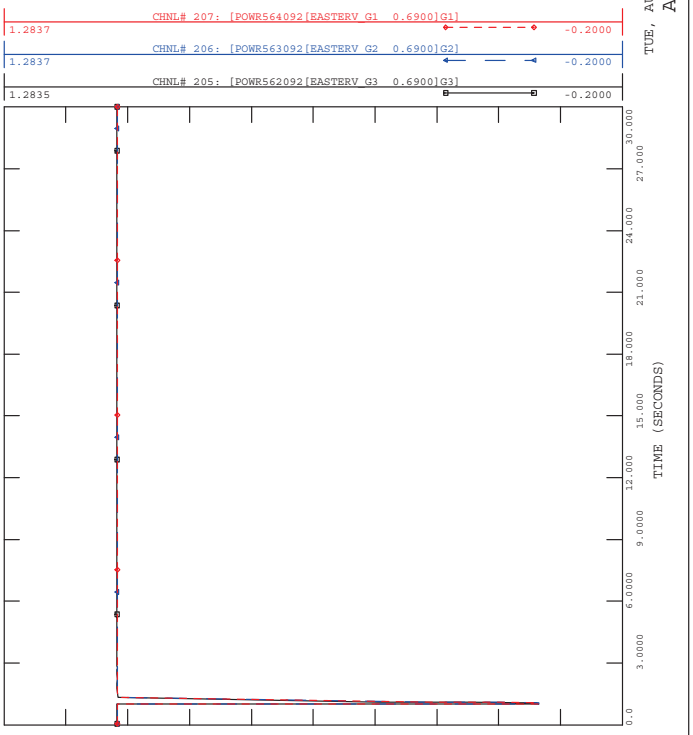
TUE, AUG 13 2024 7:57 BRANCH Q

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_21_953L_CORDEL

FILE: Scn4_2028SP_21_953L_Cordel.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

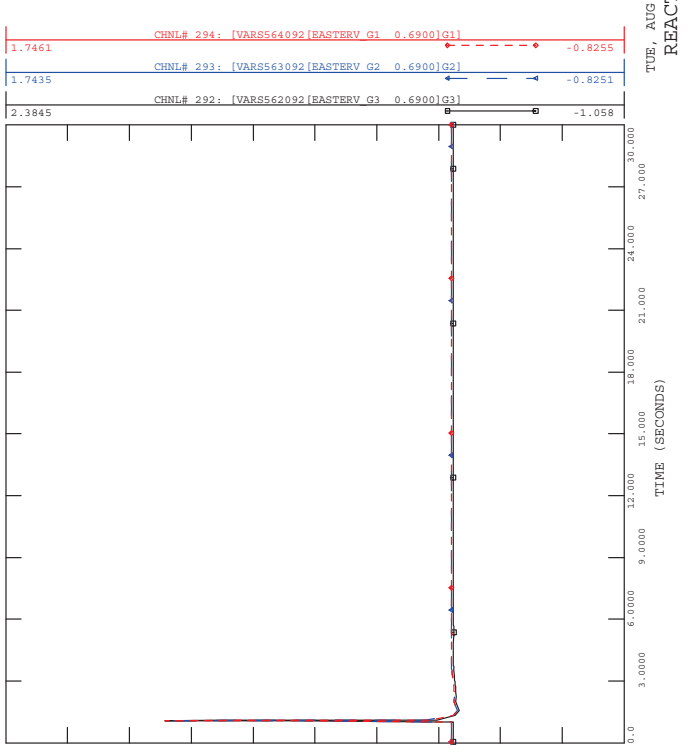


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_21_953L_CORDEL

FILE: Scn4_2028SP_21_953L_Cordel.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

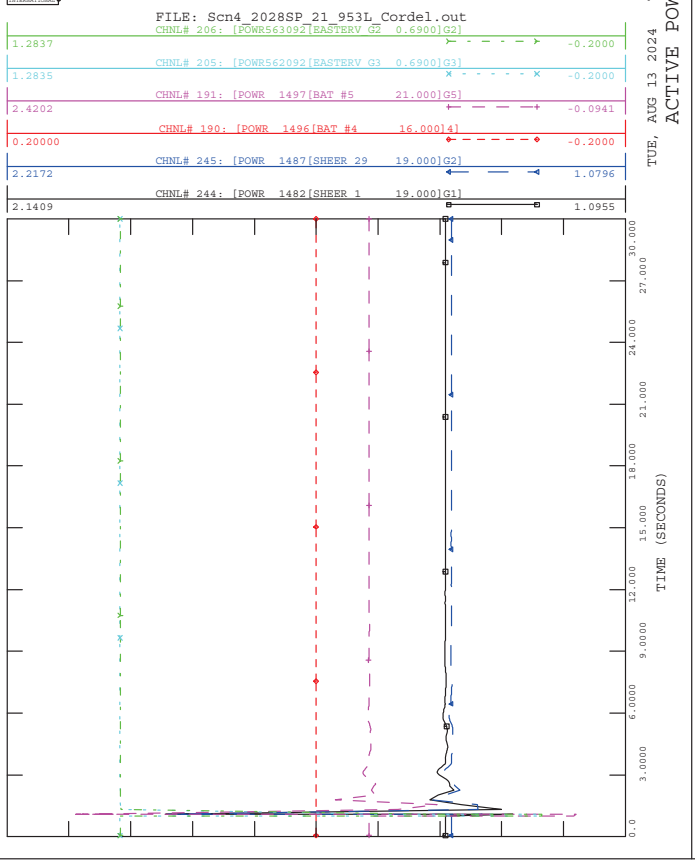


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_21_953L_CORDEL

FILE: Scn4_2028SP_21_953L_Cordel.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

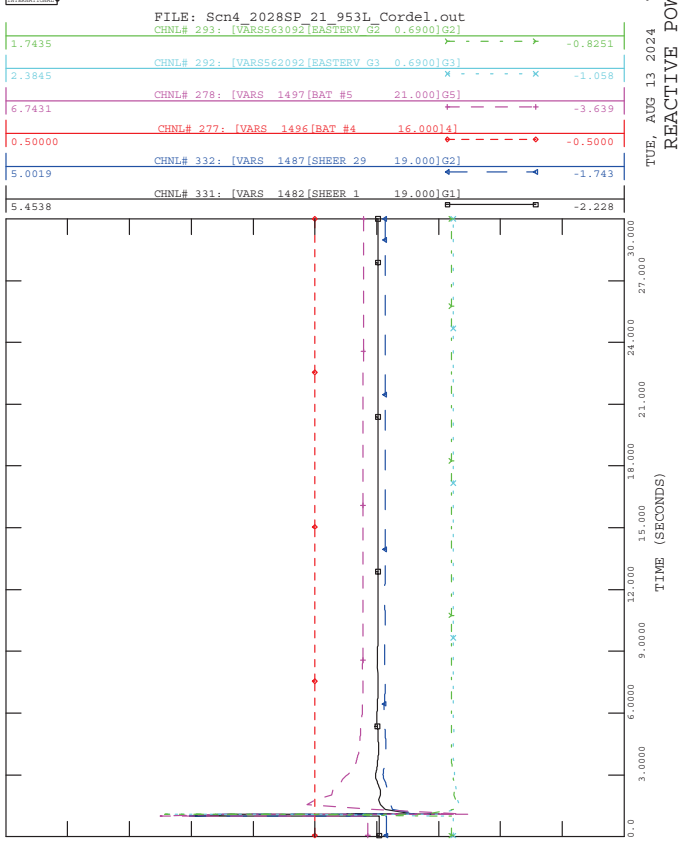


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_21_953L_CORDEL

FILE: Scn4_2028SP_21_953L_Cordel.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

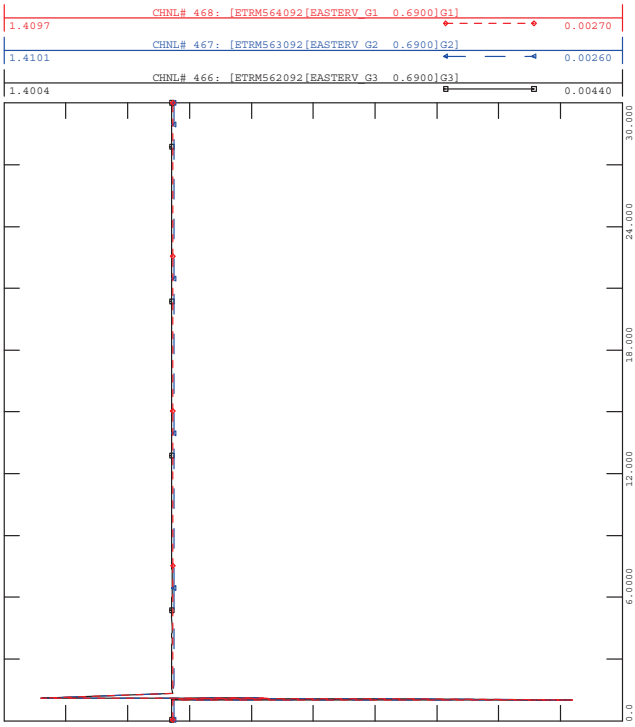


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_21_953L_CORDEL

FILE: Scn4_2028SP_21_953L_Cordel.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

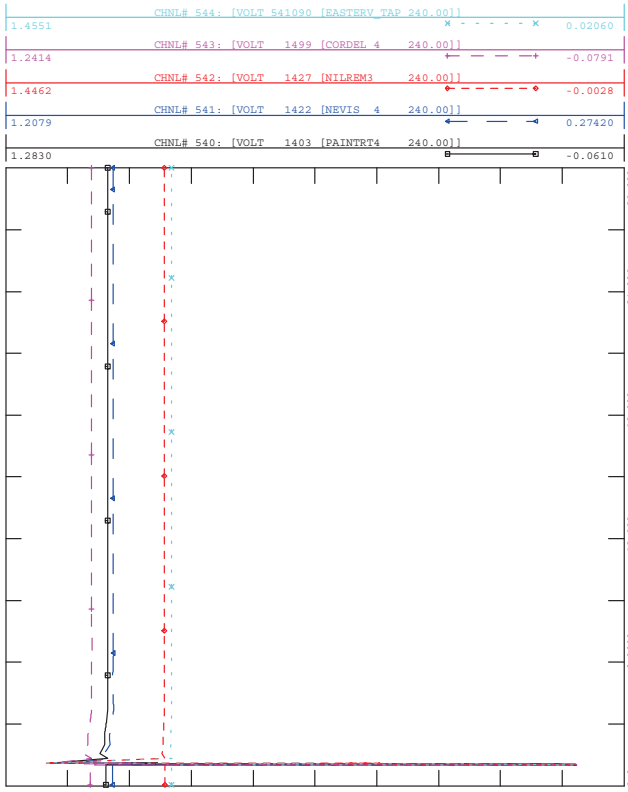


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_21_953L_CORDEL

FILE: Scn4_2028SP_21_953L_Cordel.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

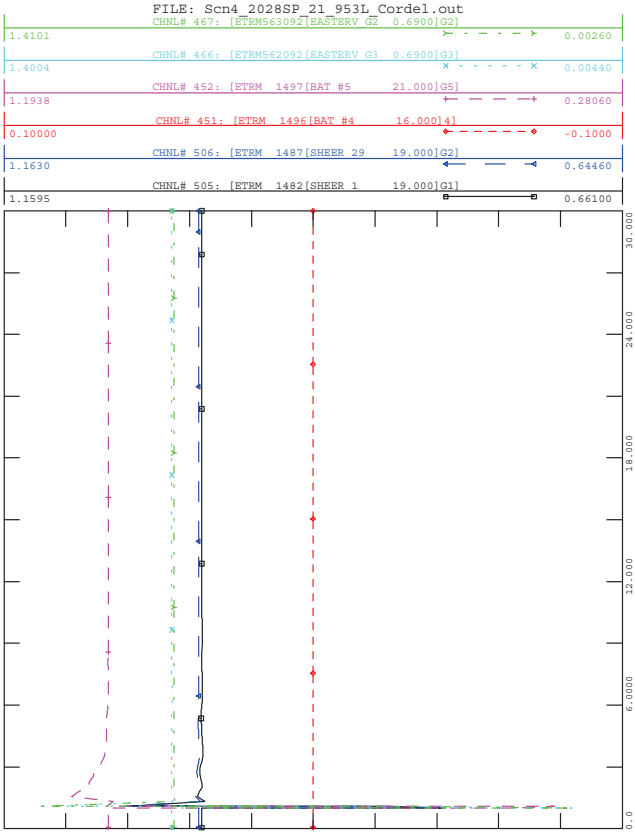


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_21_953L_CORDEL

FILE: Scn4_2028SP_21_953L_Cordel.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

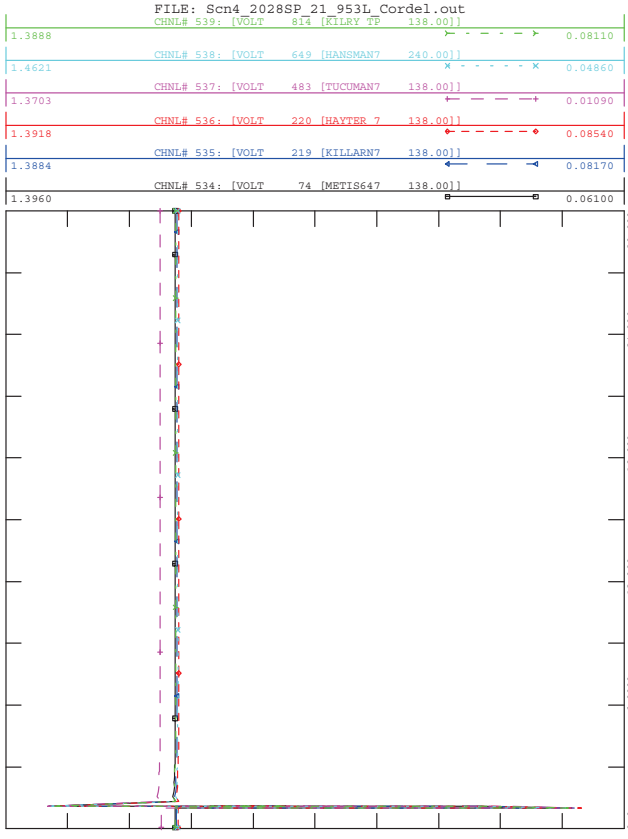


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_21_953L_CORDEL

FILE: Scn4_2028SP_21_953L_Cordel.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE



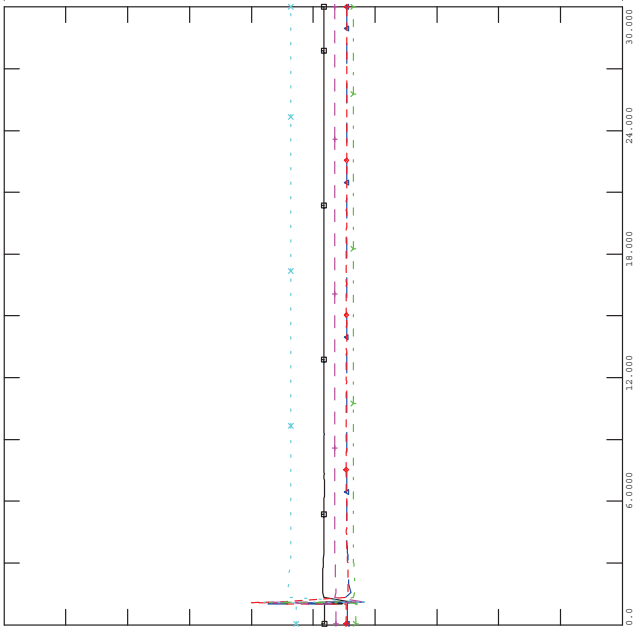
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CONTINGENCY -SCN4_2028SP_21_953L_CORDEL

FILE: Scn4_2028SP_21_953L_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L Q] 381.42 -266.0
CHNL# 554: [9L27 Q] 987.53 -1093.
CHNL# 552: [9L966 Q] 1501.0 -1390.
CHNL# 550: [954L Q] 83.507 -108.6
CHNL# 548: [9L20 Q] 1219.4 -935.8
CHNL# 546: [398L Q] 49.719 -39.81



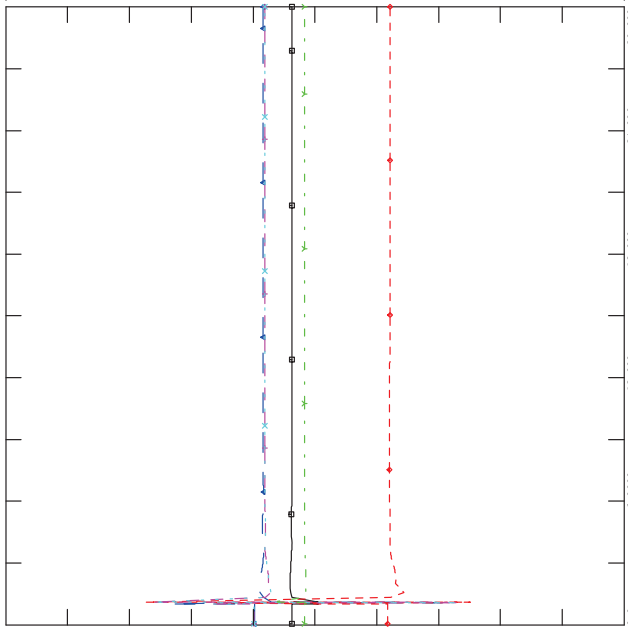
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_21_953L_CORDEL

FILE: Scn4_2028SP_21_953L_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 566: [715L Q] 44.406 -46.53
CHNL# 572: [679L Q] 79.538 -171.8
CHNL# 564: [680L Q] 79.538 -171.8
CHNL# 562: [948L Q] 333.30 -278.2
CHNL# 560: [7L224 Q] 43.885 -158.8
CHNL# 558: [748L Q] 47.927 -43.20



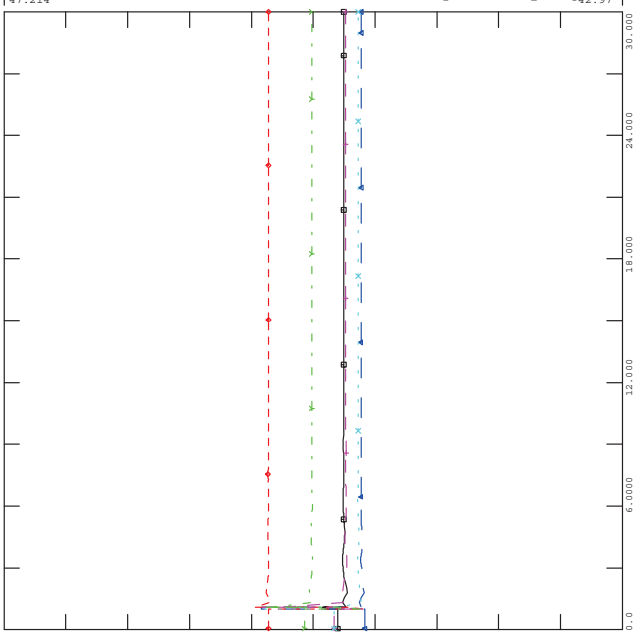
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_21_953L_CORDEL

FILE: Scn4_2028SP_21_953L_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P] 382.30 -262.6
CHNL# 553: [9L27 P] 567.37 -796.8
CHNL# 551: [9L966 P] 891.25 -612.0
CHNL# 549: [954L P] 192.71 -134.1
CHNL# 547: [9L20 P] 892.14 -1104.
CHNL# 545: [398L P] 47.214 -42.97



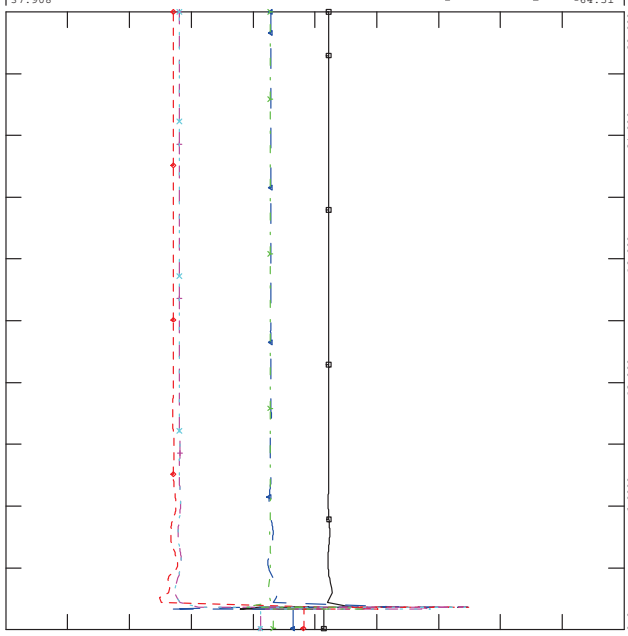
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_21_953L_CORDEL

FILE: Scn4_2028SP_21_953L_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 565: [715L P] 102.43 -71.47
CHNL# 571: [679L P] 136.88 -61.75
CHNL# 563: [680L P] 136.88 -61.75
CHNL# 561: [948L P] 164.10 -103.6
CHNL# 559: [7L224 P] 41.828 -146.2
CHNL# 557: [748L P] 37.908 -64.51



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_21_953L_CORDEL

FILE: Scn4_2028SP_21_953L_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16_Q] 331.87 -540.5
CHNL# 576: [9L59_Q] 739.07 -202.1
CHNL# 574: [953L_Q] 40.000 -59.18
CHNL# 570: [1047L_Q] 406.23 -983.8
CHNL# 568: [749L_Q] 32.985 -66.75

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_22_9L27_PAINTEARTH

FILE: Scn4_2028SP_22_9L27_Paintearth.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2] 1.2174 -0.0854
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3] 1.2186 -0.0846
CHNL# 191: [POWR 1497[BAT #5 21.000]G5] 1.5899 0.50580
CHNL# 190: [POWR 1496[BAT #4 16.000]4] 0.20000 -0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2] 1.8817 1.0968
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1] 1.7829 1.1068

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_21_953L_CORDEL

FILE: Scn4_2028SP_21_953L_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P] 94.095 -83.43
CHNL# 575: [9L59_P] 125.16 -139.9
CHNL# 573: [953L_P] 206.45 -68.82
CHNL# 569: [1047L_P] 116.73 -369.5
CHNL# 567: [749L_P] 99.588 -39.03

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_22_9L27_PAINTEARTH

FILE: Scn4_2028SP_22_9L27_Paintearth.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5] 20.679 -83.92
CHNL# 16: [ANGL 1496[BAT #4 16.000]4] 50.000 -50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2] 28.257 -73.88
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1] 25.236 -76.84

TIME (SECONDS)

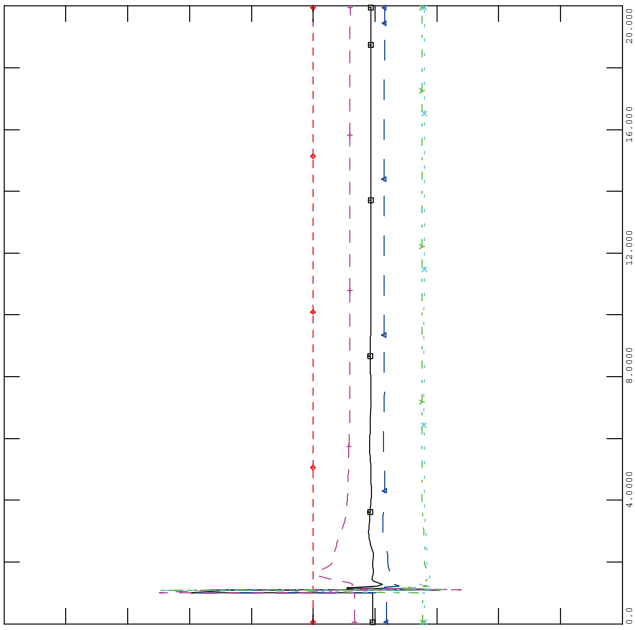
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_22_9L27_PAINTEARTH

FILE: Scn4_2028SP_22_9L27_Paintearth.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.2402 -0.7500
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.7042 -0.9579
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
6.8277 -4.033
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000 -0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
3.8955 -1.027
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
4.2188 -1.489



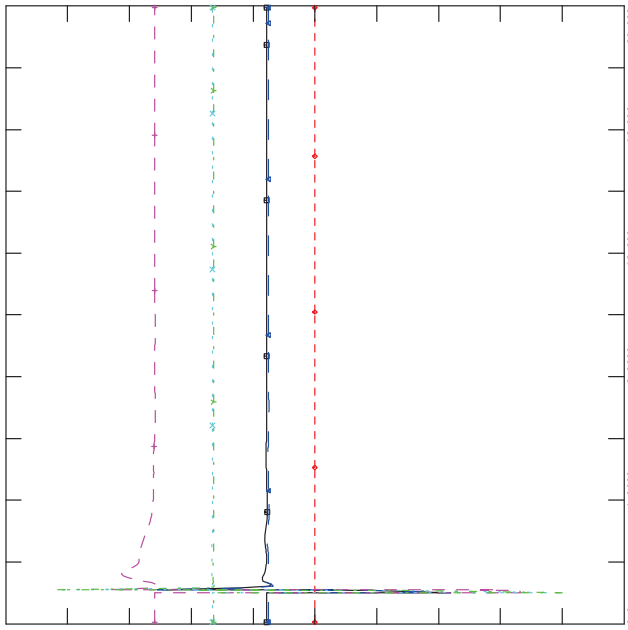
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_22_9L27_PAINTEARTH

FILE: Scn4_2028SP_22_9L27_Paintearth.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4232 0.23210
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4166 0.23330
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1928 0.55880
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1969 0.73340
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1868 0.74400



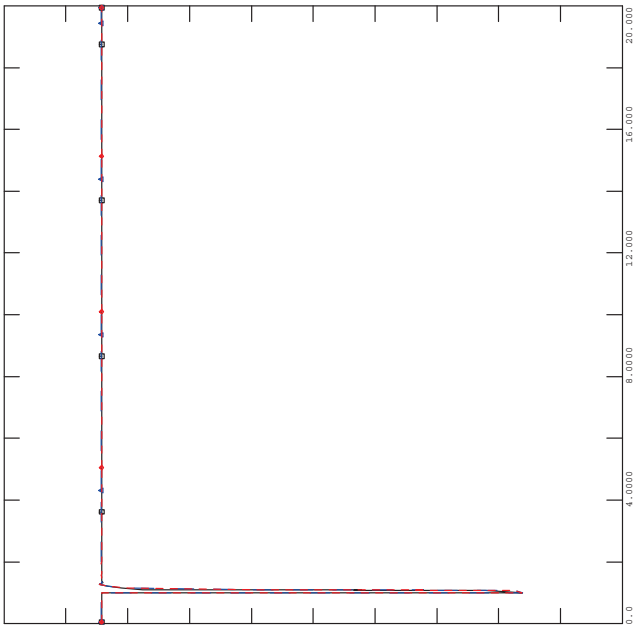
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_22_9L27_PAINTEARTH

FILE: Scn4_2028SP_22_9L27_Paintearth.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2174 -0.0846
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2174 -0.0854
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2186 -0.0846



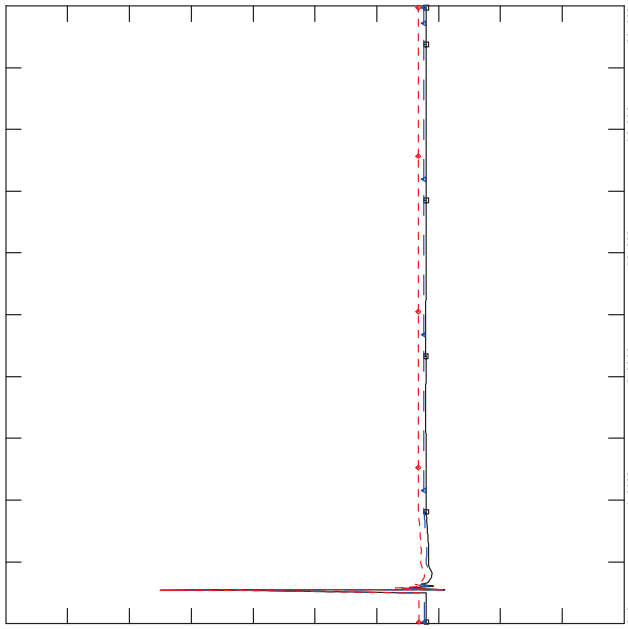
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_22_9L27_PAINTEARTH

FILE: Scn4_2028SP_22_9L27_Paintearth.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.2484 -0.7805
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.2402 -0.7500
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.7042 -0.9579



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_22_9L27_PAINTEARTH

FILE: Scn4_2028SP_22_9L27_Paintearth.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4517 0.27660

CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5396 0.24300

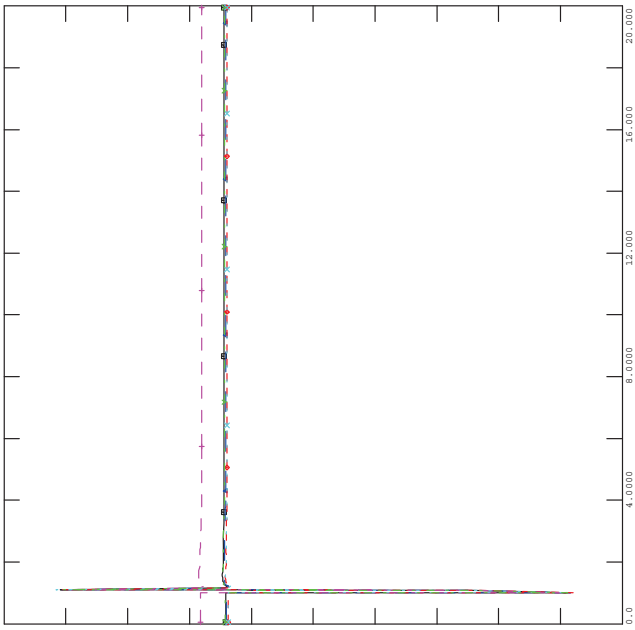
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3794 0.27520

CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4554 0.27660

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4516 0.27470

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4625 0.25850

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_22_9L27_PAINTEARTH

FILE: Scn4_2028SP_22_9L27_Paintearth.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
394.21 -251.0

CHNL# 553: [9L27 P]
5000.0 -5000.

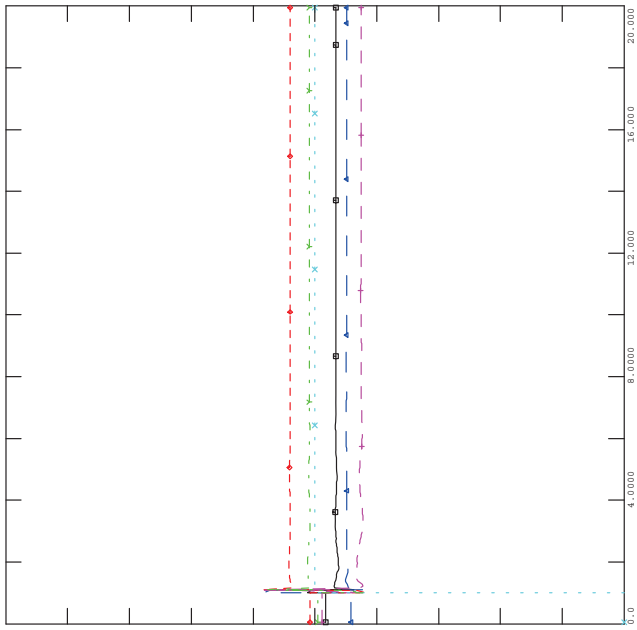
CHNL# 551: [9L966 P]
438.96 -246.2

CHNL# 549: [954L P]
288.10 -189.7

CHNL# 547: [9L20 P]
767.05 -1094.

CHNL# 545: [398L P]
43.561 -43.48

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_22_9L27_PAINTEARTH

FILE: Scn4_2028SP_22_9L27_Paintearth.out

TUE, AUG 13 2024 7:57

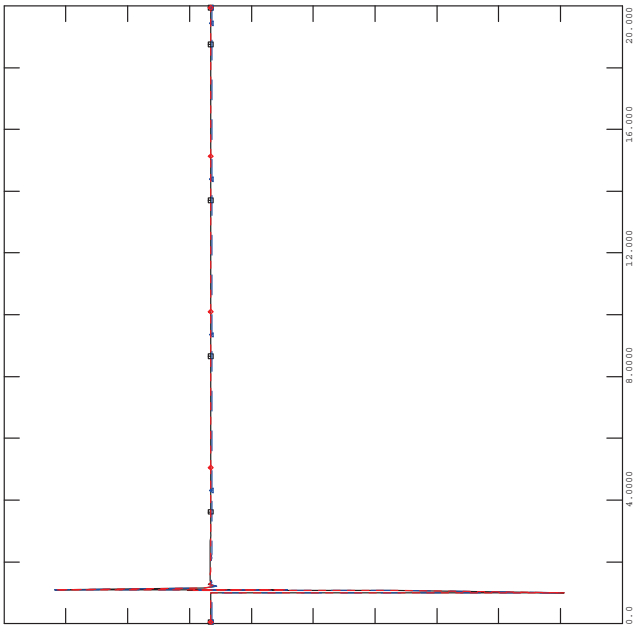
TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV_G1 0.6900]G1]
1.4228 0.23280

CHNL# 467: [ETRM563092[EASTERV_G2 0.6900]G2]
1.4232 0.23210

CHNL# 466: [ETRM562092[EASTERV_G3 0.6900]G3]
1.4166 0.23330

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_22_9L27_PAINTEARTH

FILE: Scn4_2028SP_22_9L27_Paintearth.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.4887 0.25760

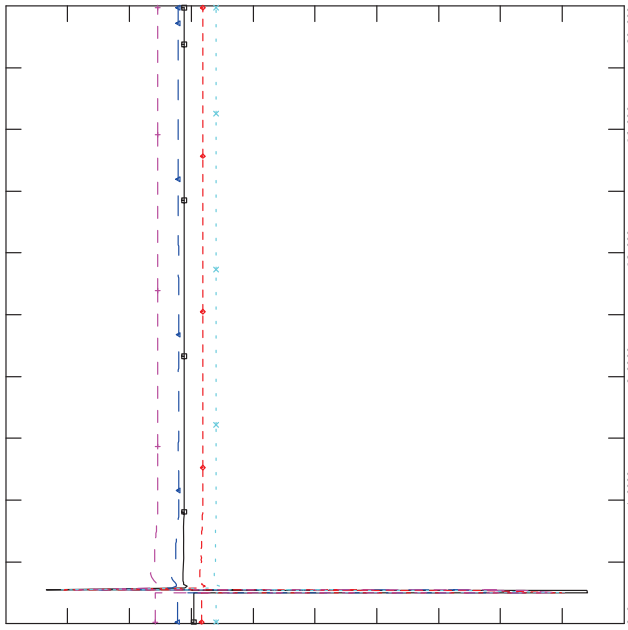
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3025 0.30680

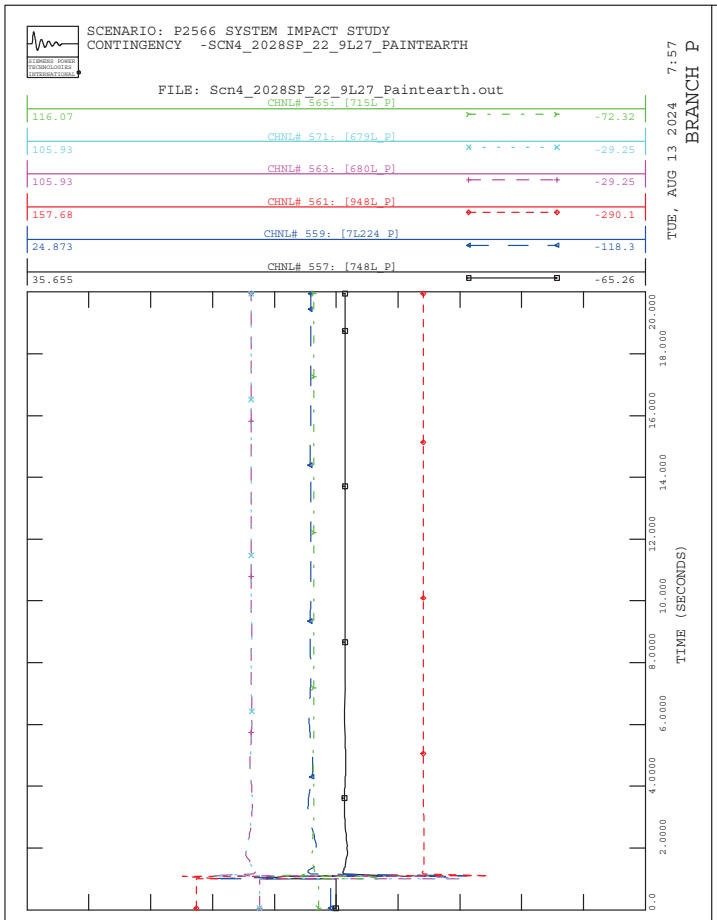
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4411 0.27950

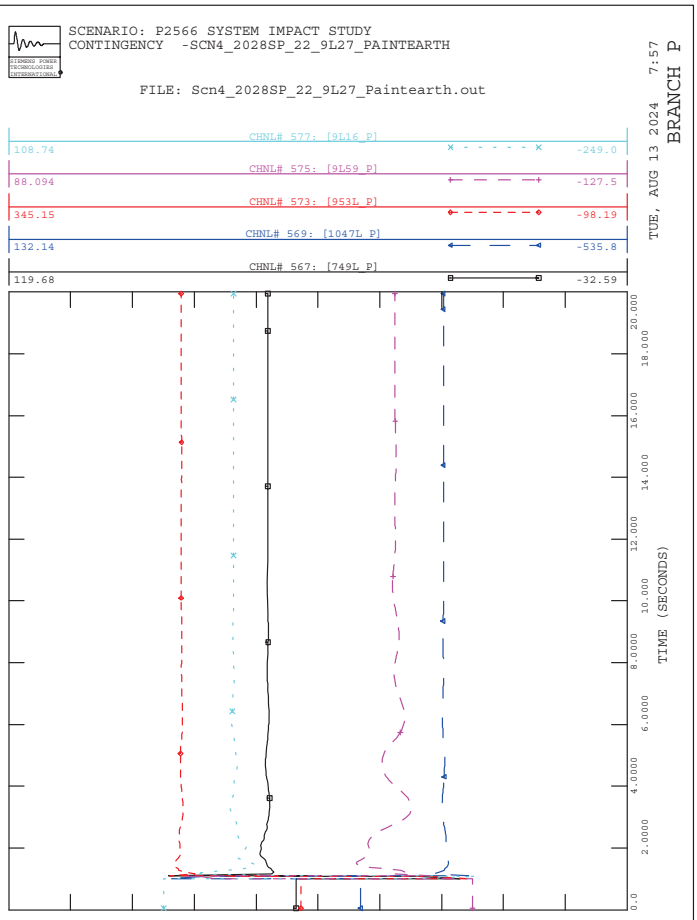
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2478 0.52410

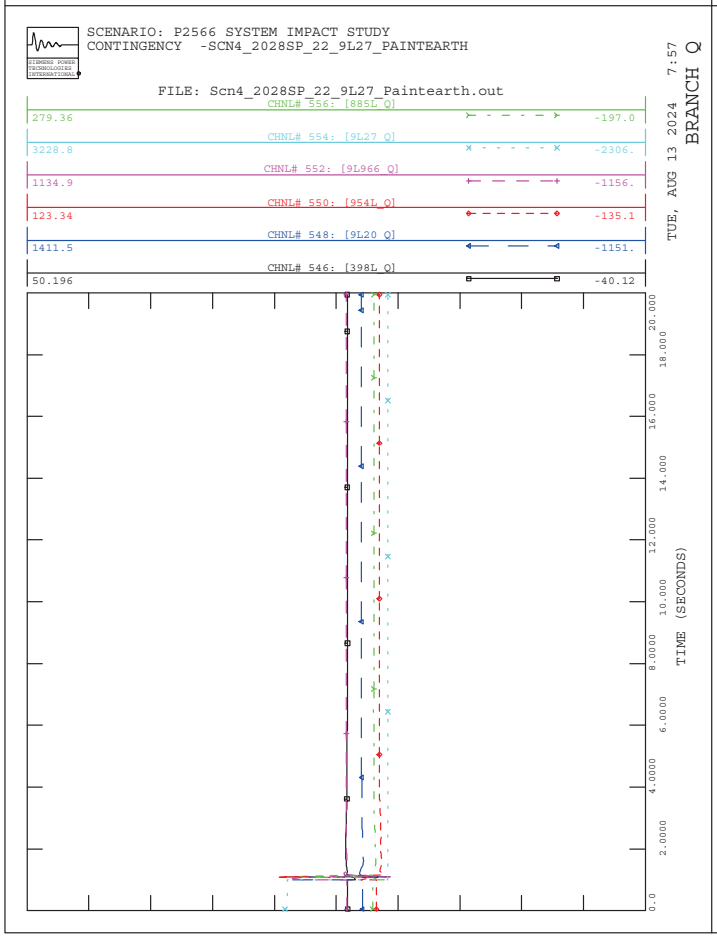
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.5755 -0.0993

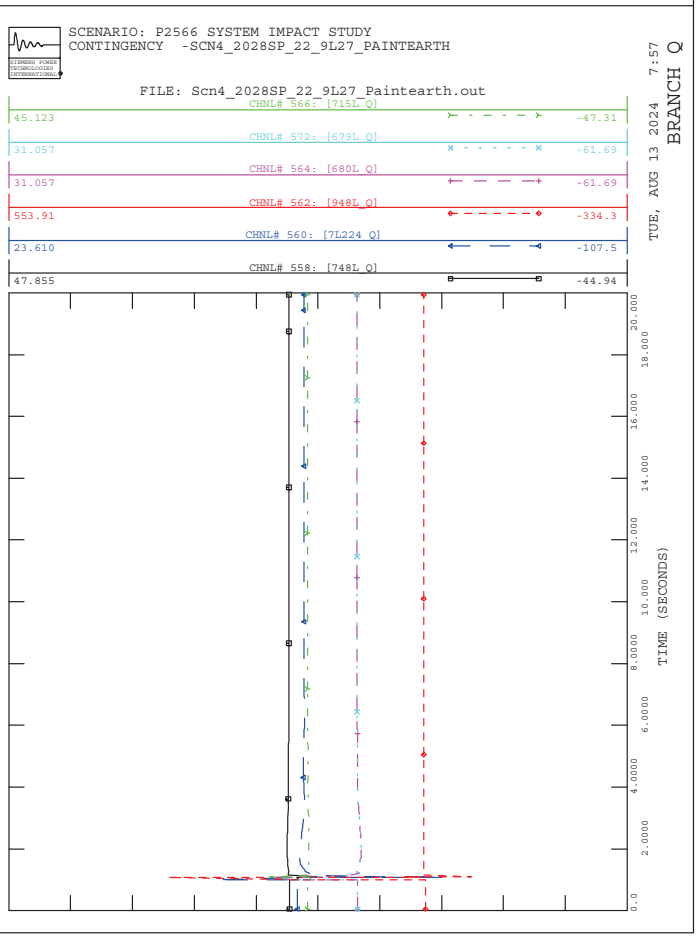
TIME (SECONDS)

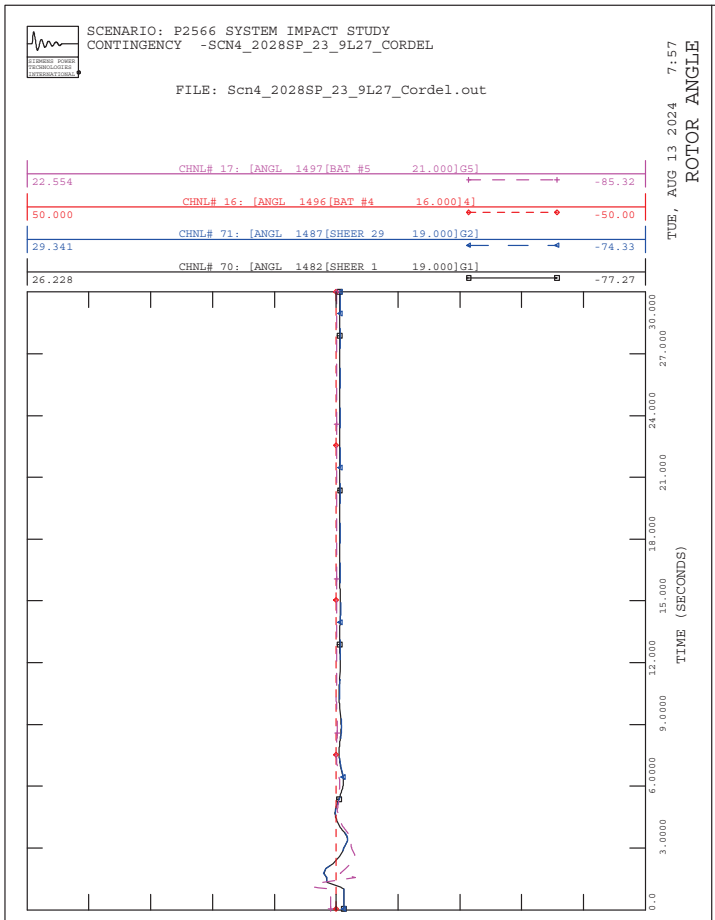


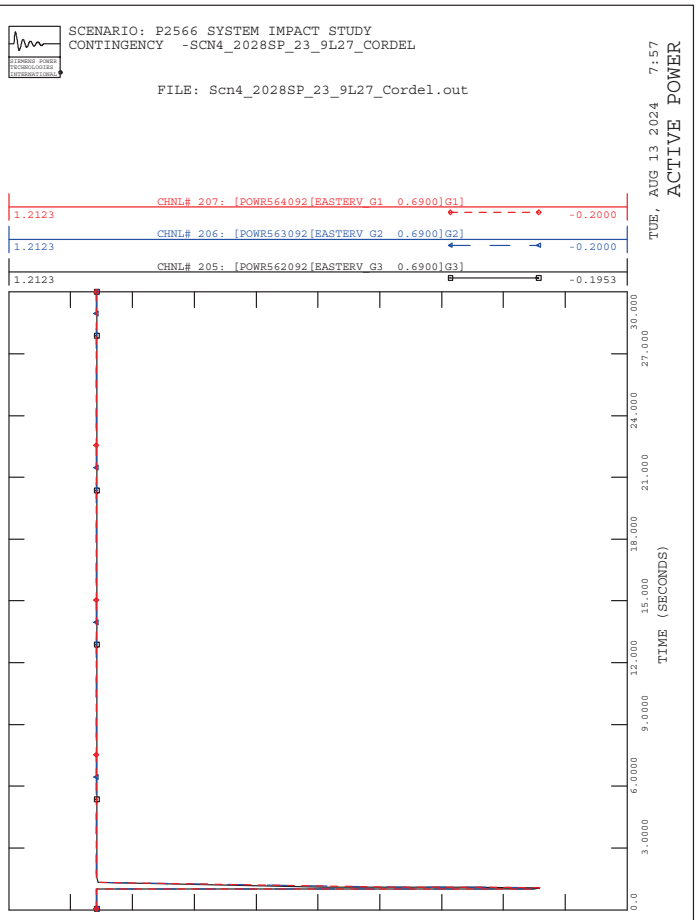

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_22_9L27_PAINTEARTH
FILE: Scn4_2028SP_22_9L27_Paintearth.out
CHNL# 565: [715L_P]
116.07
-72.32
CHNL# 571: [679L_P]
105.93
-29.25
CHNL# 563: [680L_P]
105.93
-29.25
CHNL# 561: [948L_P]
157.68
-290.1
CHNL# 559: [7L224_P]
24.873
-118.3
CHNL# 557: [748L_P]
35.655
-65.26
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

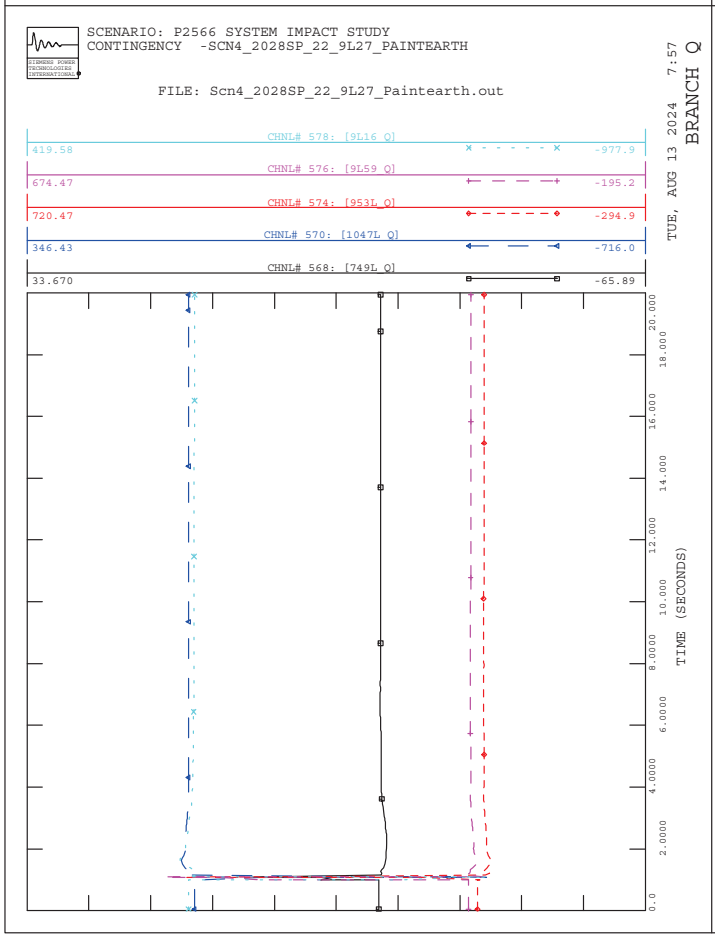

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_22_9L27_PAINTEARTH
FILE: Scn4_2028SP_22_9L27_Paintearth.out
CHNL# 577: [9L16_P]
108.74
-249.0
CHNL# 575: [9L59_P]
88.094
-127.5
CHNL# 573: [953L_P]
345.15
-98.19
CHNL# 569: [1047L_P]
132.14
-535.8
CHNL# 567: [749L_P]
119.68
-32.59
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
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4.0000
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12.000
14.000
16.000
18.000
20.000

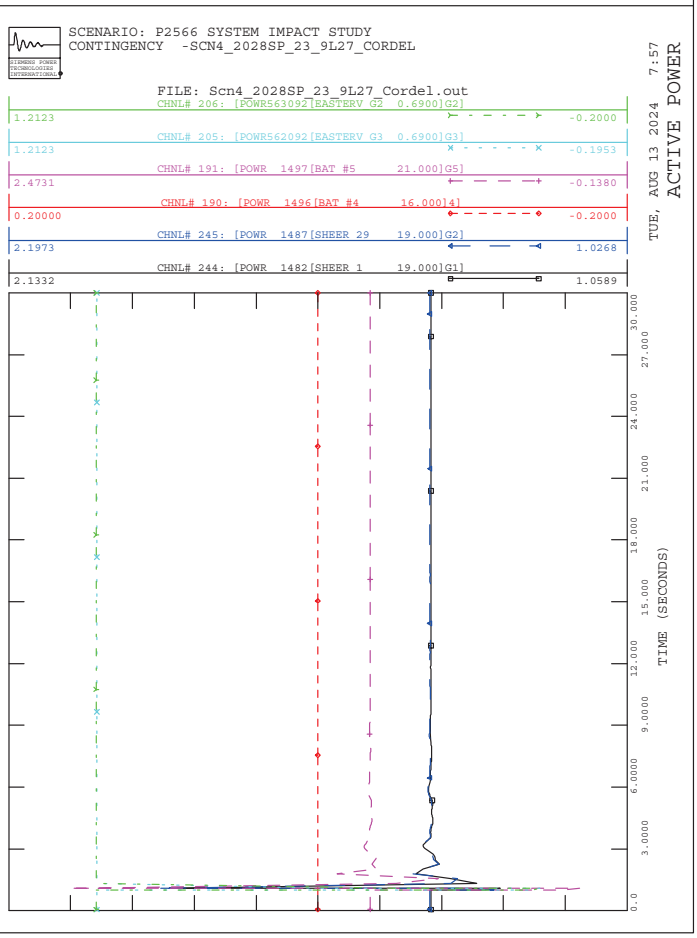

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_22_9L27_PAINTEARTH
FILE: Scn4_2028SP_22_9L27_Paintearth.out
CHNL# 556: [885L_Q]
279.36
-197.0
CHNL# 554: [9L27_Q]
3228.8
-2306.
CHNL# 552: [9L966_Q]
1134.9
-1156.
CHNL# 550: [954L_Q]
123.34
-135.1
CHNL# 548: [9L20_Q]
1411.5
-1151.
CHNL# 546: [398L_Q]
50.196
-40.12
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
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4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

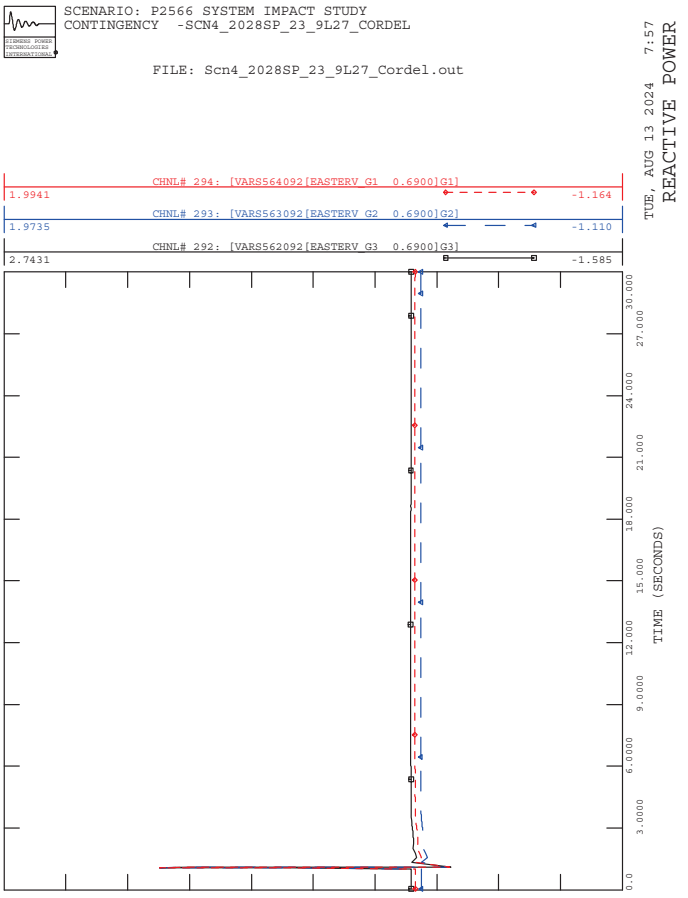

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_22_9L27_PAINTEARTH
FILE: Scn4_2028SP_22_9L27_Paintearth.out
CHNL# 566: [715L_Q]
45.123
-47.31
CHNL# 572: [679L_Q]
31.057
-61.69
CHNL# 564: [680L_Q]
31.057
-61.69
CHNL# 562: [948L_Q]
553.91
-334.3
CHNL# 560: [7L224_Q]
23.610
-107.5
CHNL# 558: [748L_Q]
47.855
-44.94
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
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4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

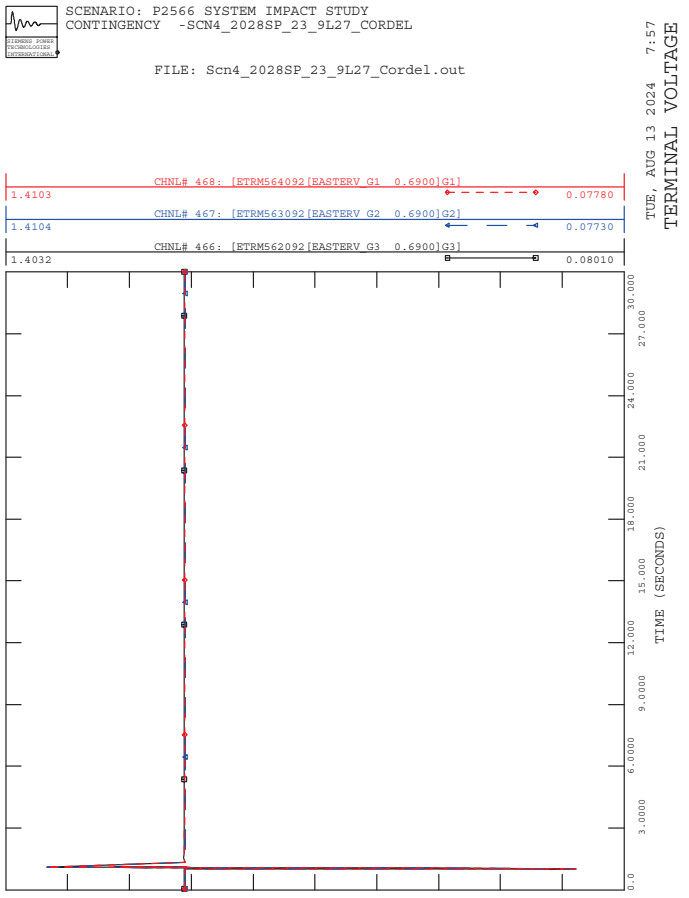

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_23_9L27_CORDEL
FILE: Scn4_2028SP_23_9L27_Cordel.out
TUE, AUG 13 2024 7:57
ROTOR ANGLE
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
22.554
-85.32
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000
-50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
29.341
-74.33
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
26.228
-77.27
TIME (SECONDS)
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6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

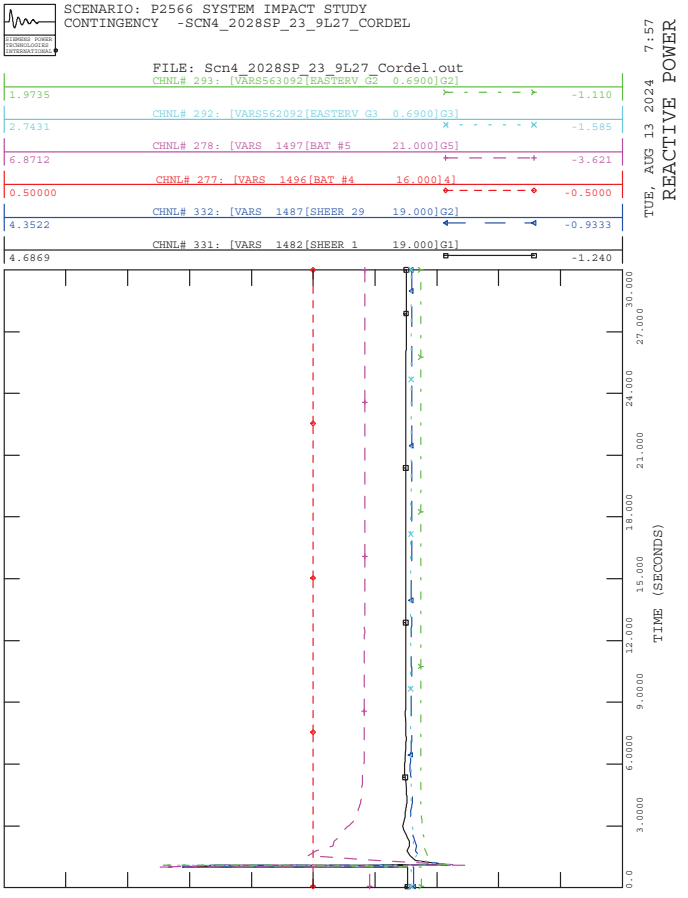

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_23_9L27_CORDEL
FILE: Scn4_2028SP_23_9L27_Cordel.out
TUE, AUG 13 2024 7:57
ACTIVE POWER
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2123
-0.2000
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2123
-0.2000
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2123
-0.1953
TIME (SECONDS)
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3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

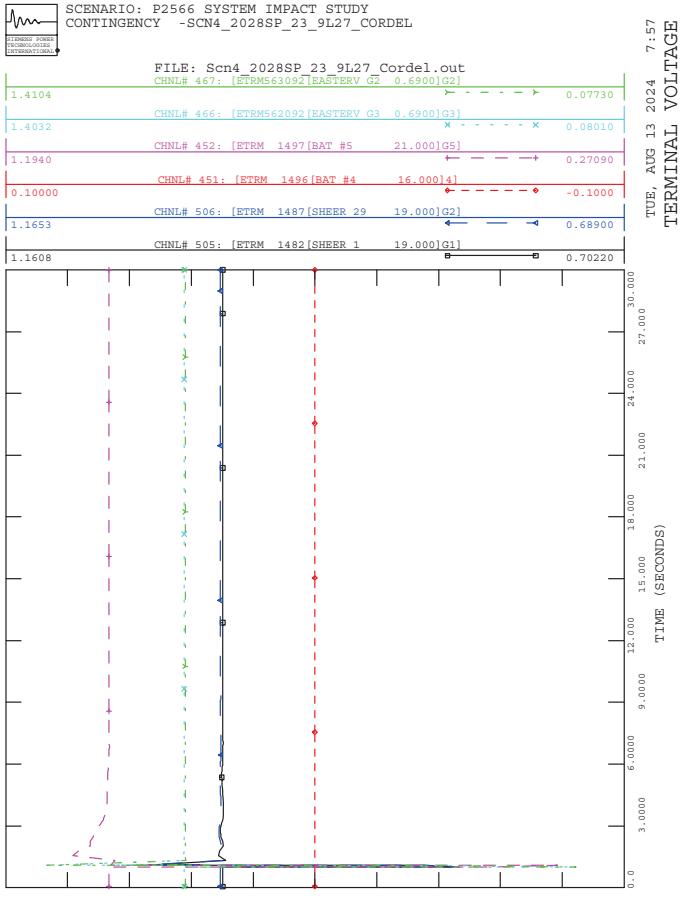

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_22_9L27_PAINTEARTH
FILE: Scn4_2028SP_22_9L27_Paintearth.out
TUE, AUG 13 2024 7:57
BRANCH Q
CHNL# 578: [9L16 Q]
419.58
-977.9
CHNL# 576: [9L59 Q]
674.47
-195.2
CHNL# 574: [953L Q]
720.47
-294.9
CHNL# 570: [1047L Q]
346.43
-716.0
CHNL# 568: [749L Q]
33.670
-65.89
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_23_9L27_CORDEL
FILE: Scn4_2028SP_23_9L27_Cordel.out
TUE, AUG 13 2024 7:57
ACTIVE POWER
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2123
-0.2000
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2123
-0.1953
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
2.4731
-0.1380
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000
-0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
2.1973
1.0268
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
2.1332
1.0589
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_23_9L27_CORDEL
FILE: Scn4_2028SP_23_9L27_Cordel.out
TUE, AUG 13 2024 7:57
REACTIVE POWER
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.9941
-1.164
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.9735
-1.110
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
2.7431
-1.585
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_23_9L27_CORDEL
FILE: Scn4_2028SP_23_9L27_Cordel.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 468: [ETRMS64092[EASTERV G1 0.6900]G1]
1.4103
0.07780
CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.4104
0.07730
CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.4032
0.08010
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_23_9L27_CORDEL
FILE: Scn4_2028SP_23_9L27_Cordel.out
TUE, AUG 13 2024 7:57
REACTIVE POWER
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.9735
-1.110
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
2.7431
-1.585
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
6.8712
-3.621
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000
-0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
4.3522
-0.9333
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
4.6869
-1.240
TIME (SECONDS)
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9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

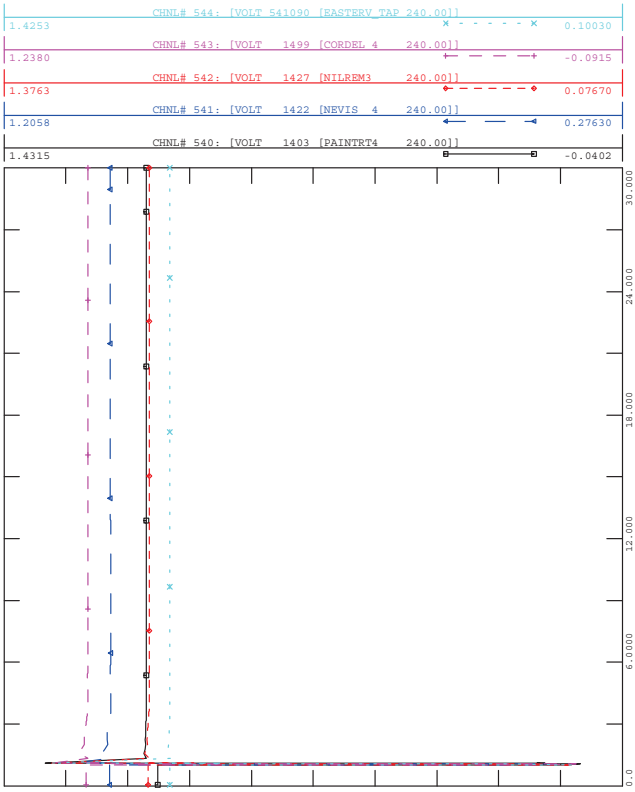

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_23_9L27_CORDEL
FILE: Scn4_2028SP_23_9L27_Cordel.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.4104
0.07730
CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.4032
0.08010
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1940
0.27090
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000
-0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1653
0.68900
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1608
0.70220
TIME (SECONDS)
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3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_23_9L27_CORDEL

FILE: Scn4_2028SP_23_9L27_Cordel.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

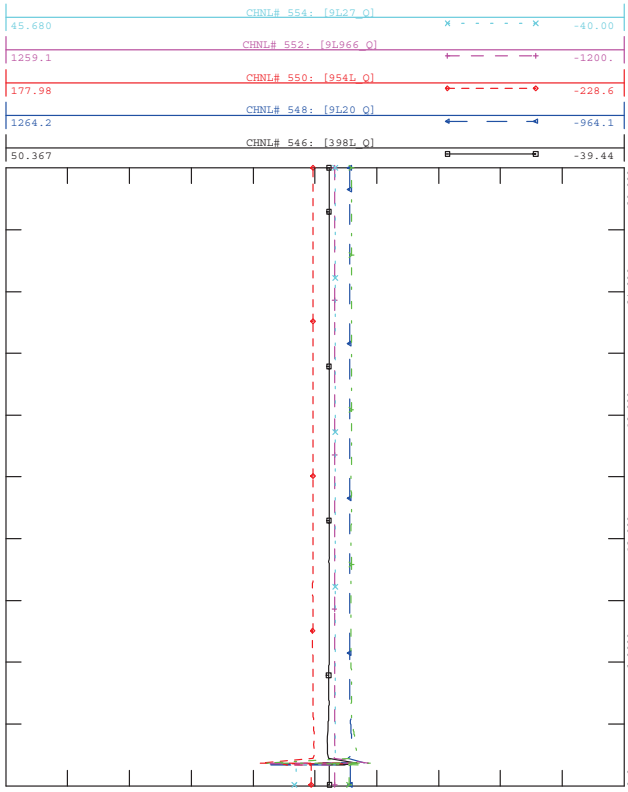


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_23_9L27_CORDEL

FILE: Scn4_2028SP_23_9L27_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH Q

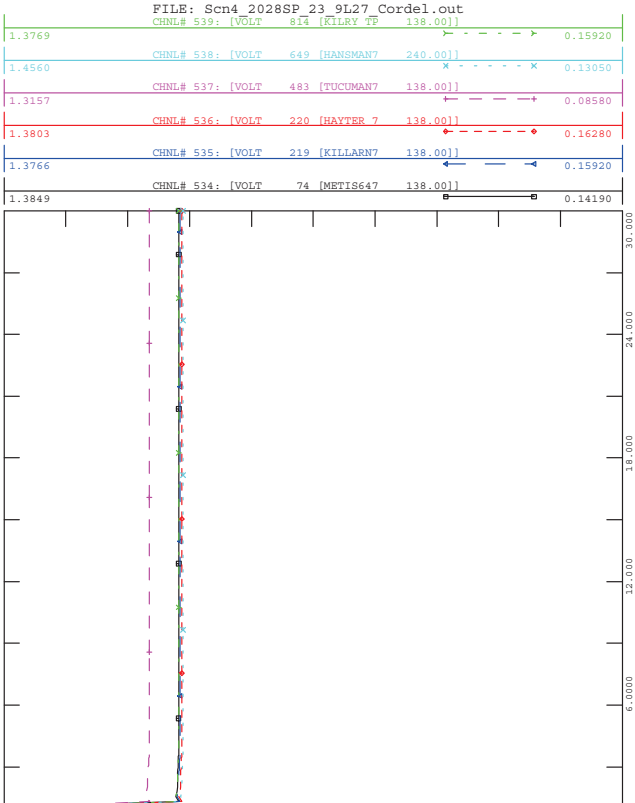


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_23_9L27_CORDEL

FILE: Scn4_2028SP_23_9L27_Cordel.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

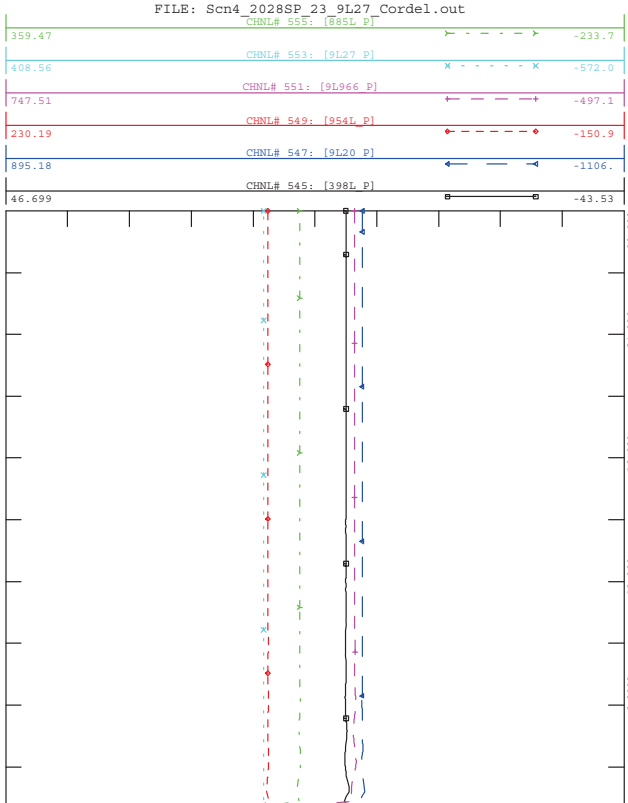


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_23_9L27_CORDEL

FILE: Scn4_2028SP_23_9L27_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH P



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_23_9L27_CORDEL

FILE: Scn4_2028SP_23_9L27_Cordel.out

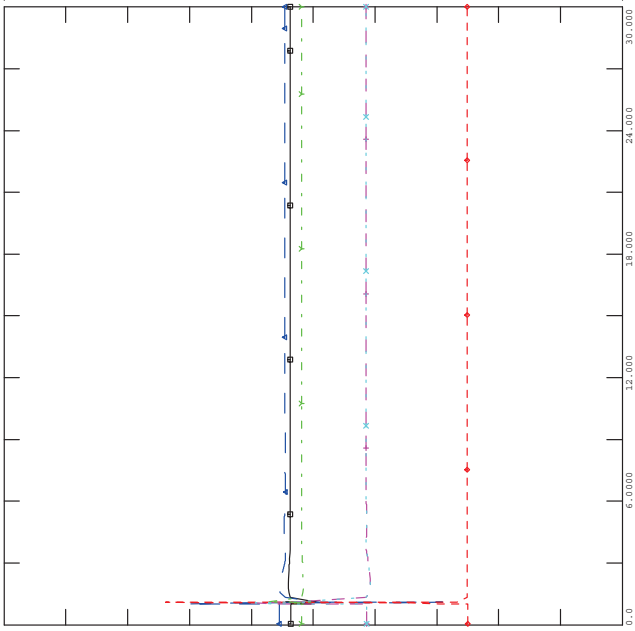
TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 566: [715L Q] 44.448 -46.97
CHNL# 572: [679L Q] 36.189 -61.78
CHNL# 564: [680L Q] 36.189 -61.78
CHNL# 562: [948L Q] 1353.4 -510.5
CHNL# 560: [7L224 Q] 26.581 -117.5
CHNL# 558: [748L Q] 48.098 -43.20

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_23_9L27_CORDEL

FILE: Scn4_2028SP_23_9L27_Cordel.out

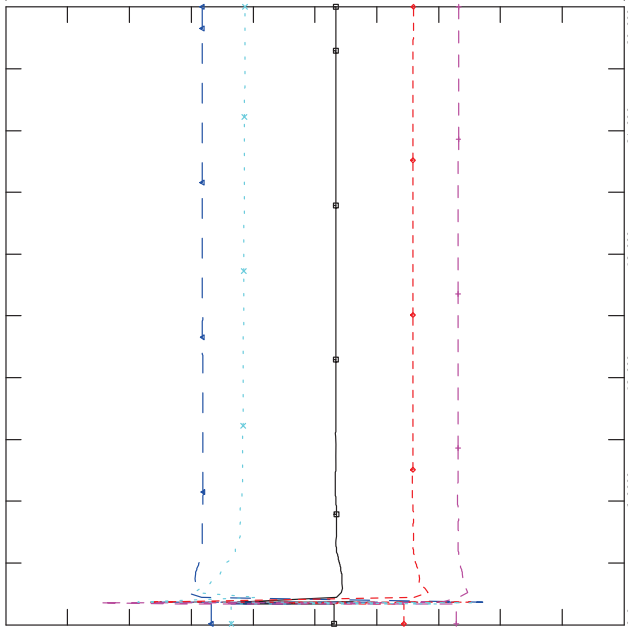
TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16 Q] 283.76 -345.4
CHNL# 576: [9L59 Q] 744.22 -204.1
CHNL# 574: [953L Q] 437.44 -272.1
CHNL# 570: [1047L Q] 297.85 -421.5
CHNL# 568: [749L Q] 31.819 -71.38

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_23_9L27_CORDEL

FILE: Scn4_2028SP_23_9L27_Cordel.out

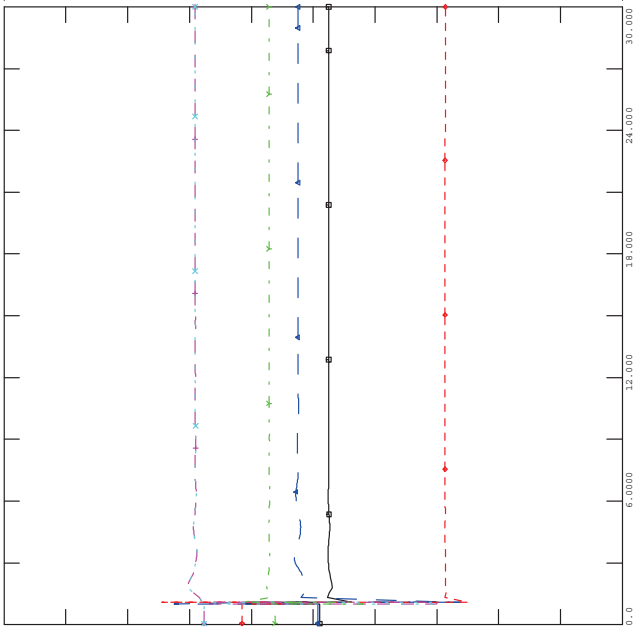
TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 565: [715L P] 96.470 -61.34
CHNL# 571: [679L P] 98.462 -35.84
CHNL# 563: [680L P] 98.462 -35.84
CHNL# 561: [948L P] 227.69 -272.9
CHNL# 559: [7L224 P] 29.630 -118.5
CHNL# 557: [748L P] 36.971 -64.34

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_23_9L27_CORDEL

FILE: Scn4_2028SP_23_9L27_Cordel.out

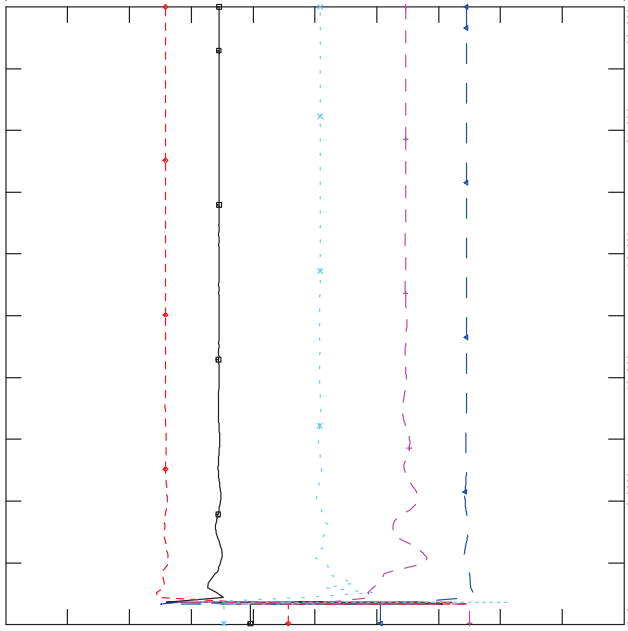
TUE, AUG 13 2024 7:57

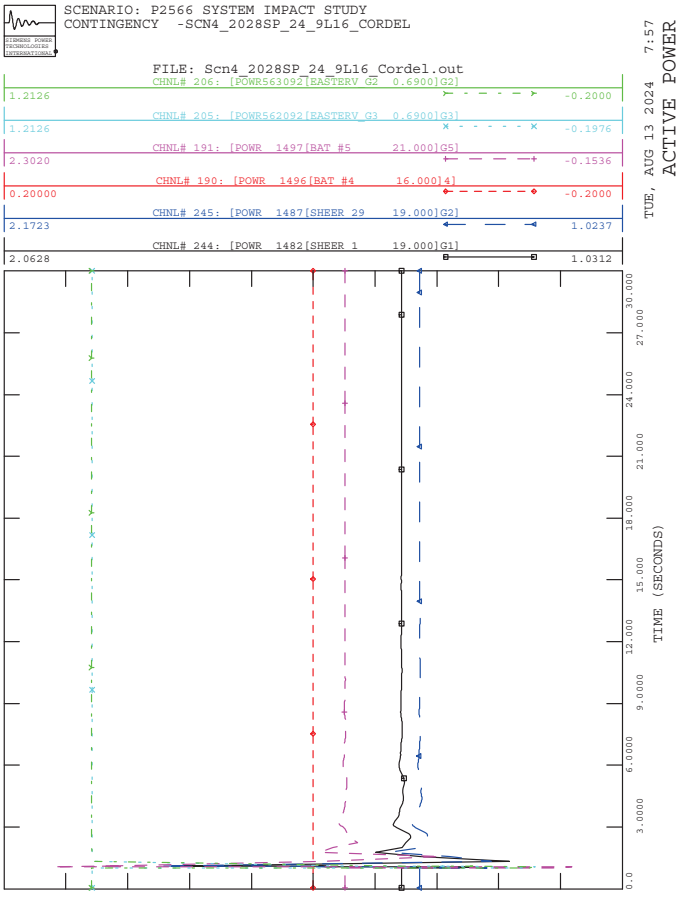
BRANCH P

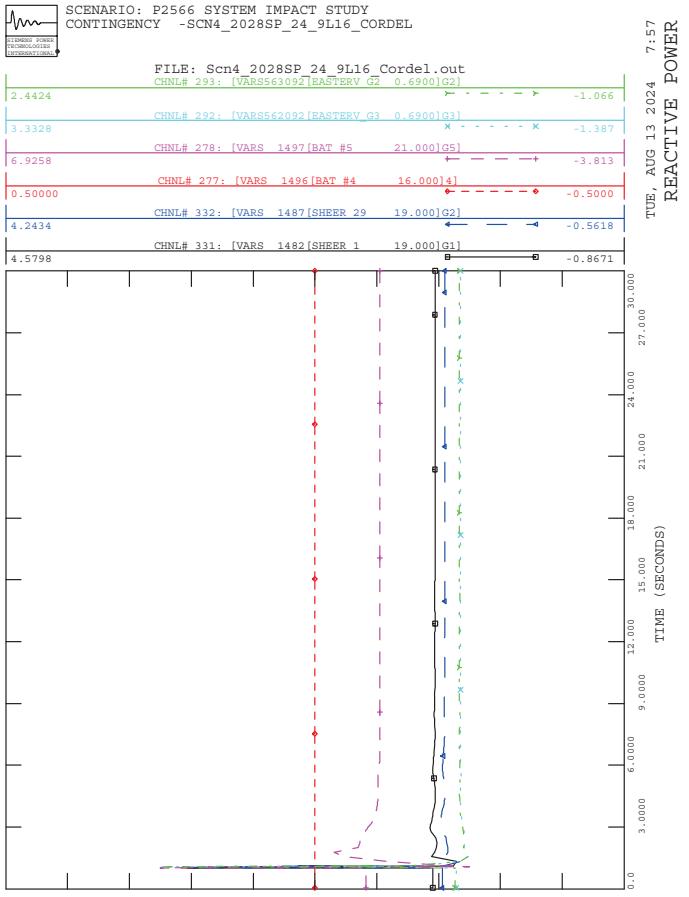
CHNL# 577: [9L16 P] 111.36 -149.5
CHNL# 575: [9L59 P] 123.52 -139.3
CHNL# 573: [953L P] 333.05 -98.71
CHNL# 569: [1047L P] 142.76 -501.9
CHNL# 567: [749L P] 103.29 -34.18

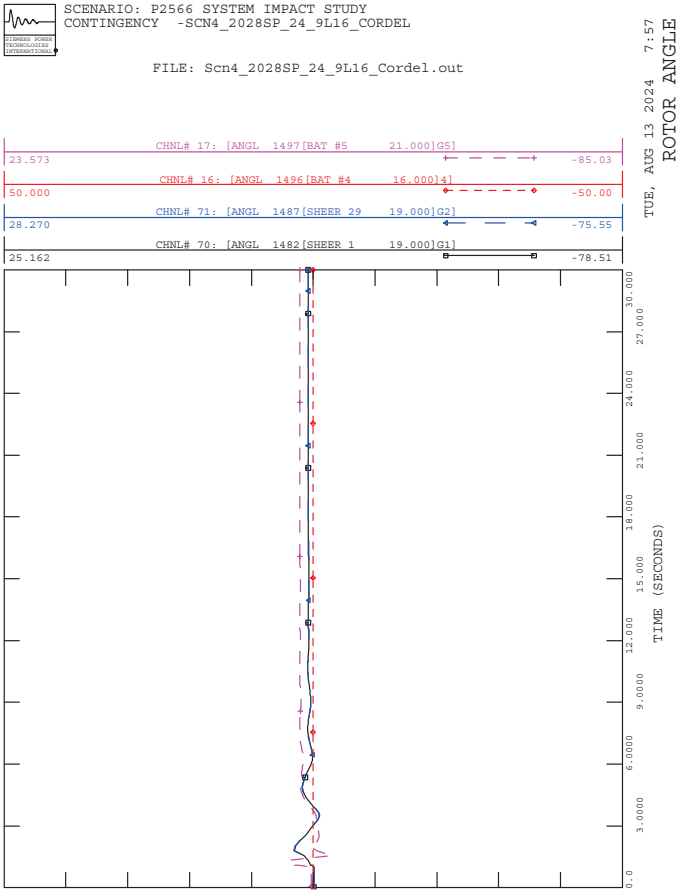
TIME (SECONDS)

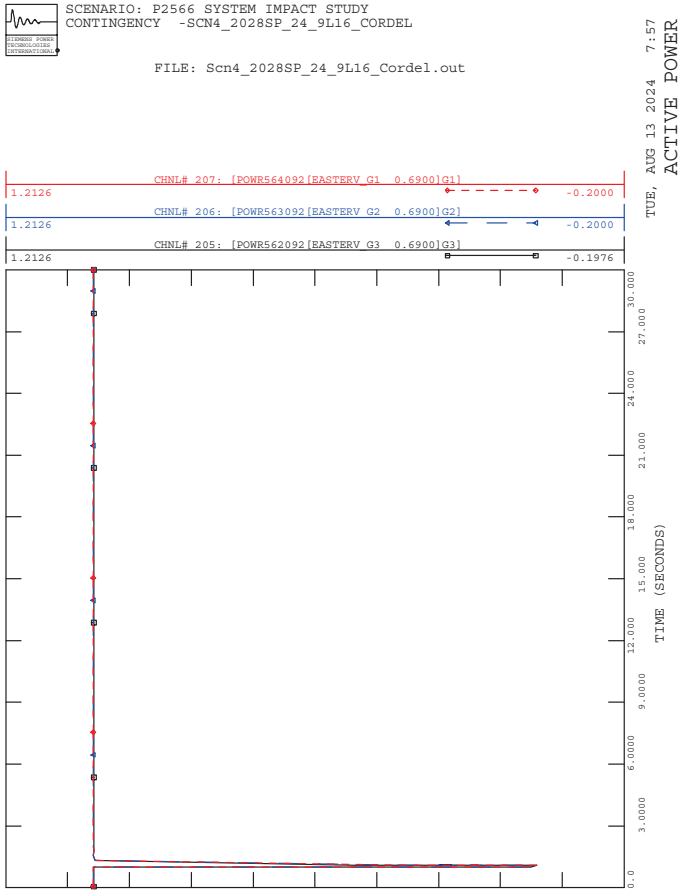
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_24_9L16_CORDEL
FILE: Scn4_2028SP_24_9L16_Cordel.out
CHNL# 206: [POWRS63092[EASTERV G2 0.6900]G2]
1.2126
-0.2000
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2126
-0.1976
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
2.3020
-0.1536
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000
-0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
2.1723
1.0237
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
2.0628
1.0312
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_24_9L16_CORDEL
FILE: Scn4_2028SP_24_9L16_Cordel.out
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
2.4424
-1.066
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
3.3328
-1.387
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
6.9258
-3.813
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000
-0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
4.2434
-0.5618
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
4.5798
-0.8671
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_24_9L16_CORDEL
FILE: Scn4_2028SP_24_9L16_Cordel.out
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
23.573
-85.03
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000
-50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
28.270
-75.55
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
25.162
-78.51
TUE, AUG 13 2024 7:57
ROTOR ANGLE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_24_9L16_CORDEL
FILE: Scn4_2028SP_24_9L16_Cordel.out
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2126
-0.2000
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2126
-0.2000
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2126
-0.1976
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_24_9L16_CORDEL

FILE: Scn4_2028SP_24_9L16_Cordel.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5476 0.07430

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5584 0.07710

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1937 0.26690

CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1337 0.68750

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1263 0.70070

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_24_9L16_CORDEL

FILE: Scn4_2028SP_24_9L16_Cordel.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.3491 0.15650

CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4281 0.12790

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3033 0.08200

CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.3540 0.16010

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.3495 0.15650

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.3580 0.13920

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_24_9L16_CORDEL

FILE: Scn4_2028SP_24_9L16_Cordel.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
2.4456 -1.067

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
2.4424 -1.066

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
3.3328 -1.387

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_24_9L16_CORDEL

FILE: Scn4_2028SP_24_9L16_Cordel.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

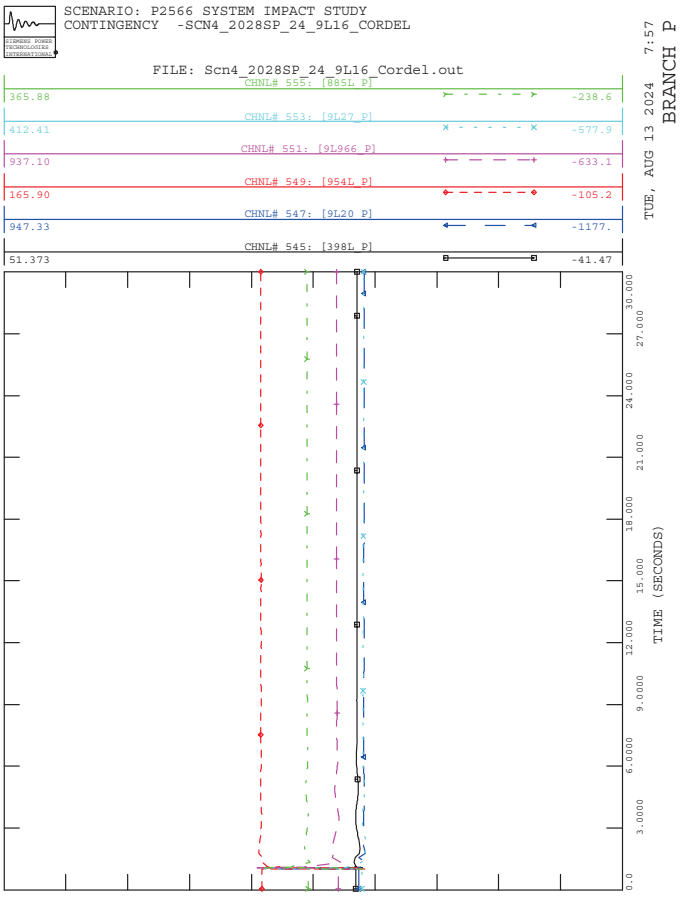
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.5504 0.07470

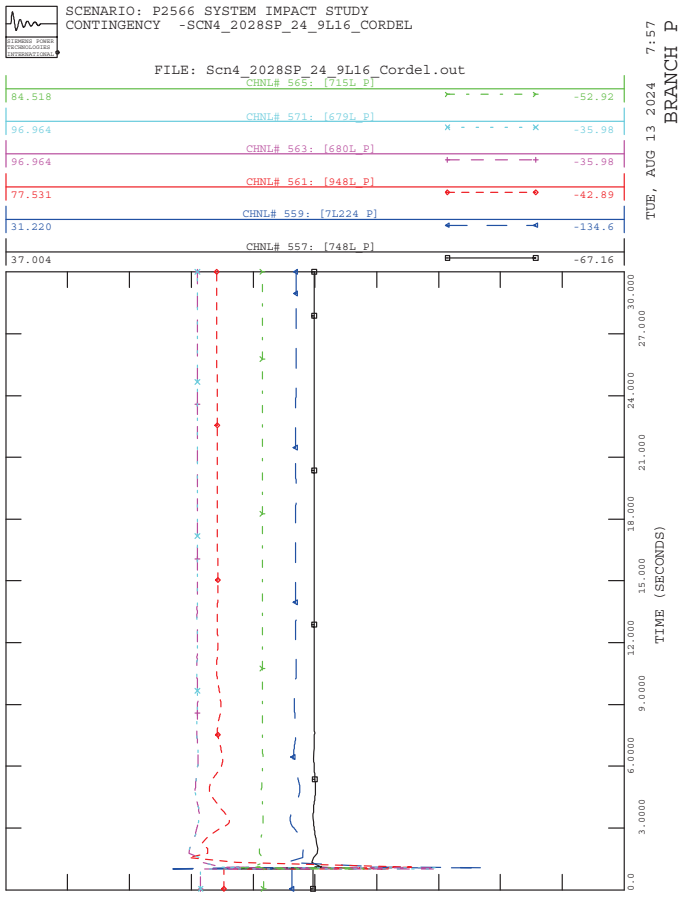
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5476 0.07430

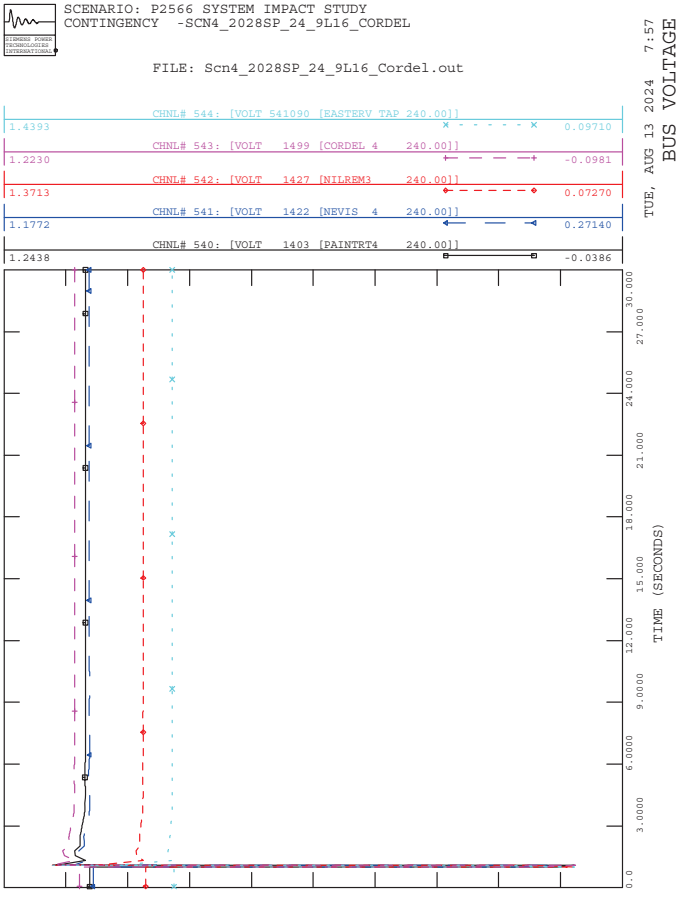
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5584 0.07710

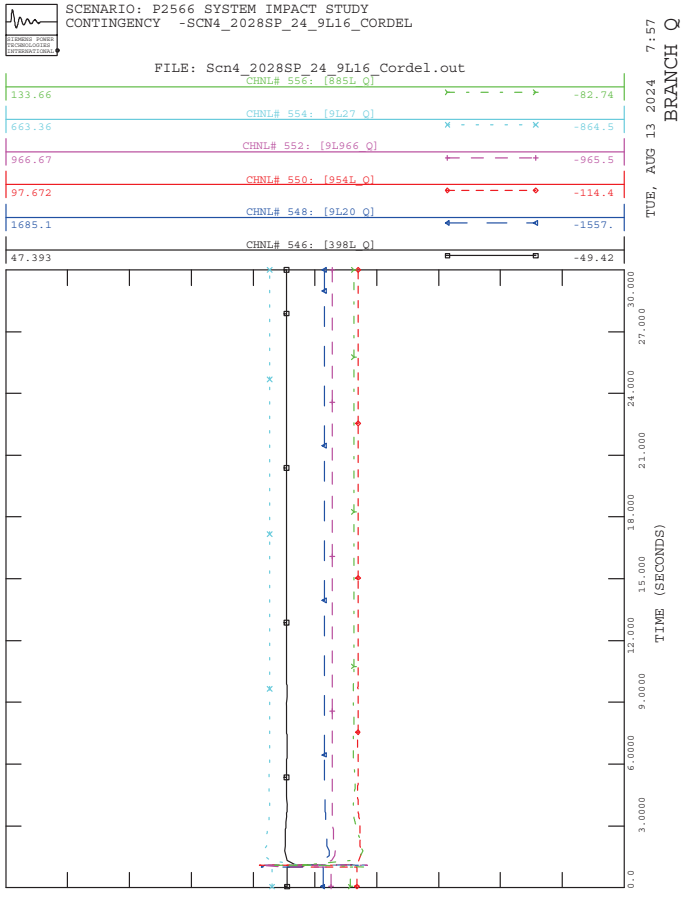
TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_24_9L16_CORDEL
FILE: Scn4_2028SP_24_9L16_Cordel.out
CHNL# 555: [885L P]
365.88
-238.6
CHNL# 553: [9L27 P]
412.41
-577.9
CHNL# 551: [9L966 P]
937.10
-633.1
CHNL# 549: [954L P]
165.90
-105.2
CHNL# 547: [9L20 P]
947.33
-1177.
CHNL# 545: [398L P]
51.373
-41.47
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_24_9L16_CORDEL
FILE: Scn4_2028SP_24_9L16_Cordel.out
CHNL# 565: [715L P]
84.518
-52.92
CHNL# 571: [679L P]
96.964
-35.98
CHNL# 563: [680L P]
96.964
-35.98
CHNL# 561: [948L P]
77.531
-42.89
CHNL# 559: [7L224 P]
31.220
-134.6
CHNL# 557: [748L P]
37.004
-67.16
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_24_9L16_CORDEL
FILE: Scn4_2028SP_24_9L16_Cordel.out
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.4393
0.09710
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2230
-0.0981
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3713
0.07270
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.1772
0.27140
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2438
-0.0386
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
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3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

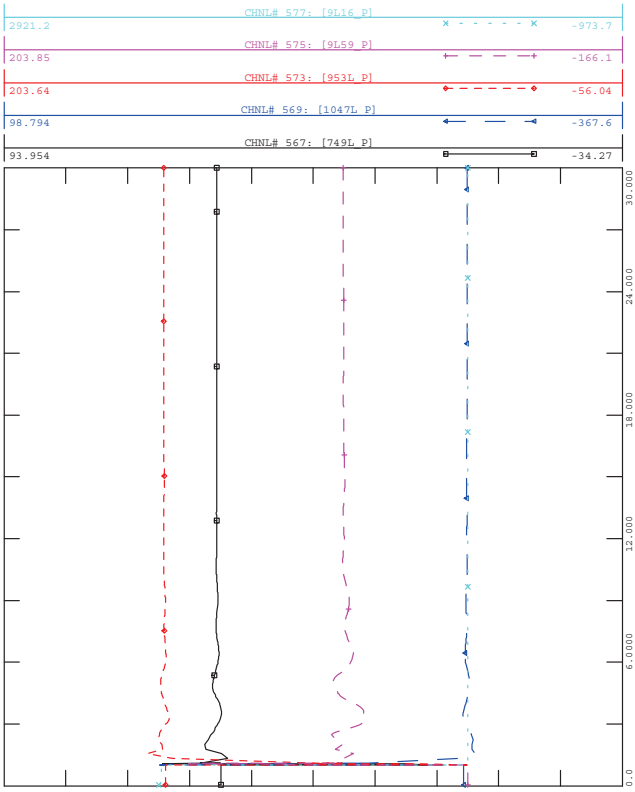

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_24_9L16_CORDEL
FILE: Scn4_2028SP_24_9L16_Cordel.out
CHNL# 556: [885L Q]
133.66
-82.74
CHNL# 554: [9L27 Q]
663.36
-864.5
CHNL# 552: [9L966 Q]
966.67
-965.5
CHNL# 550: [954L Q]
97.672
-114.4
CHNL# 548: [9L20 Q]
1685.1
-1557.
CHNL# 546: [398L Q]
47.393
-49.42
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_24_9L16_CORDEL

FILE: Scn4_2028SP_24_9L16_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH P

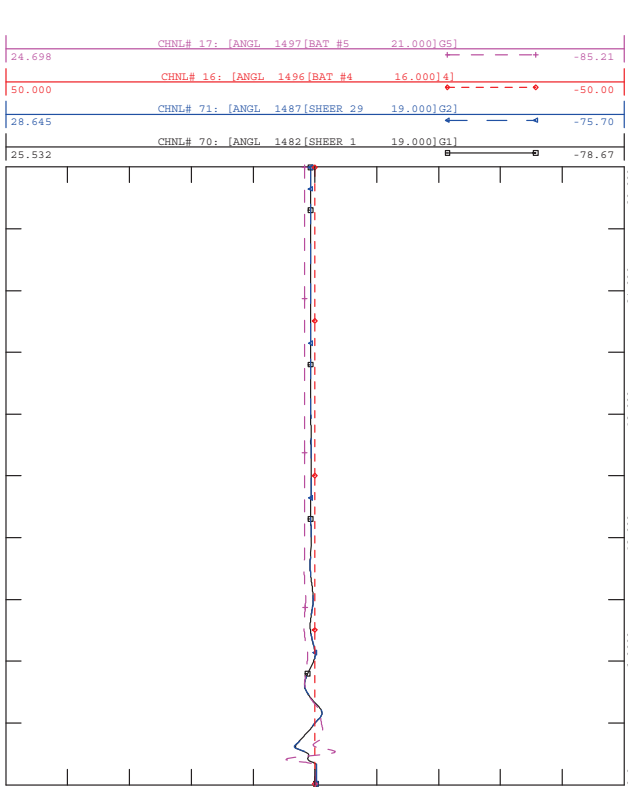


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_25_9L16_TINCHEBRAY

FILE: Scn4_2028SP_25_9L16_Tinchebray.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

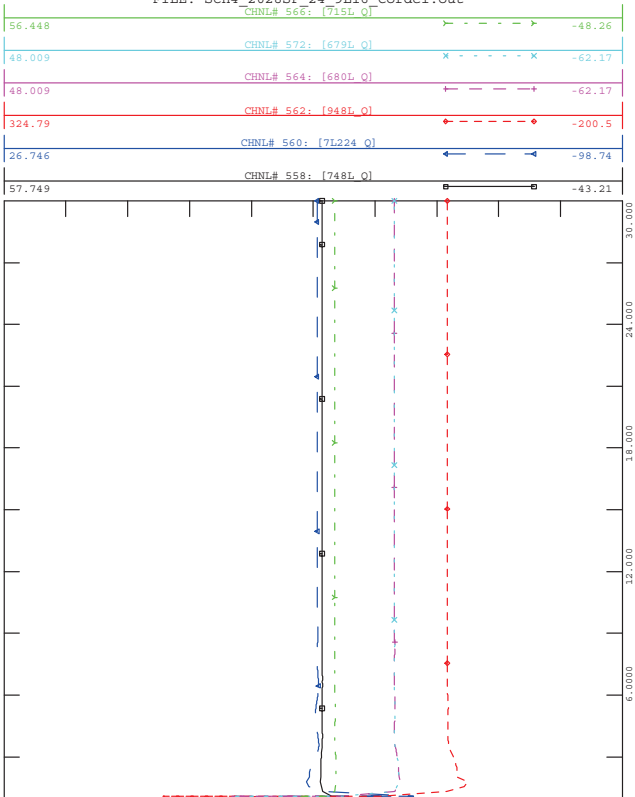


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_24_9L16_CORDEL

FILE: Scn4_2028SP_24_9L16_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH Q

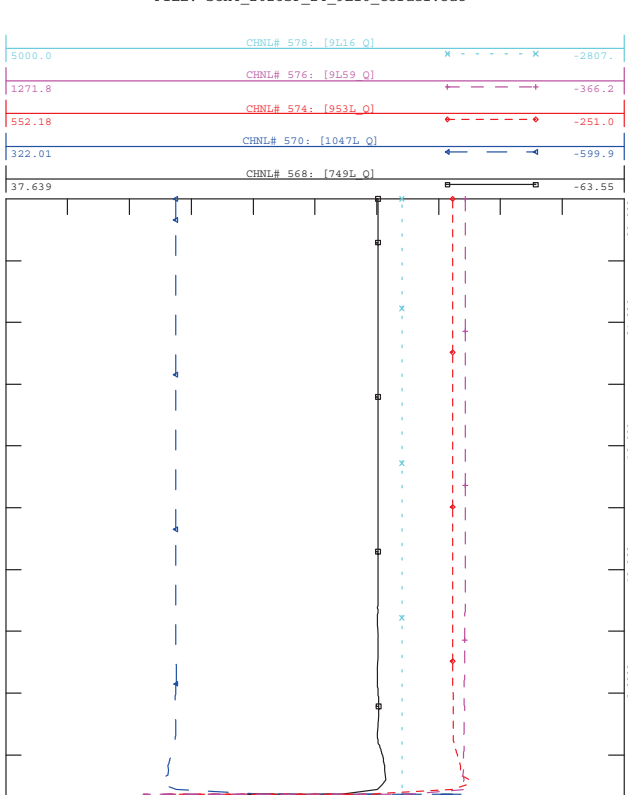


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_24_9L16_CORDEL

FILE: Scn4_2028SP_24_9L16_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH Q

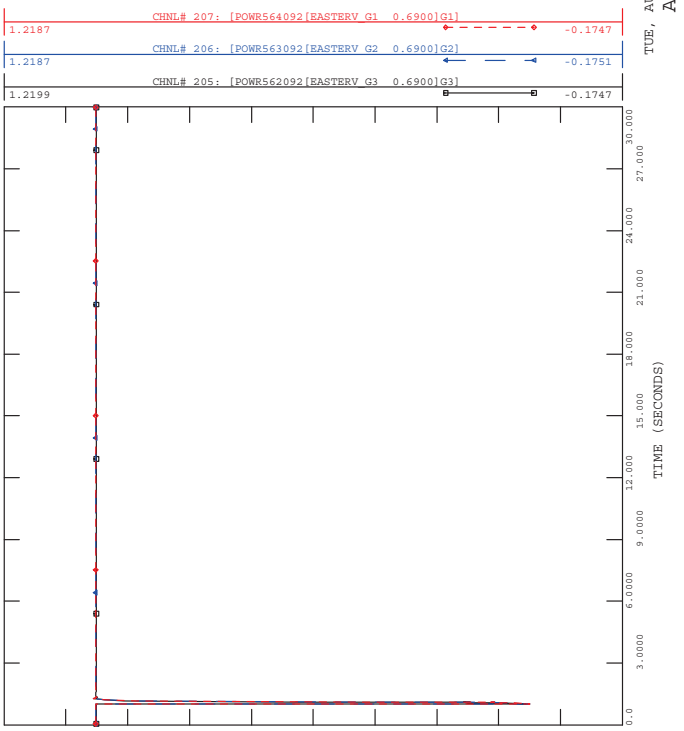


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_25_9L16_TINCHEBRAY

FILE: Scn4_2028SP_25_9L16_Tinchebray.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

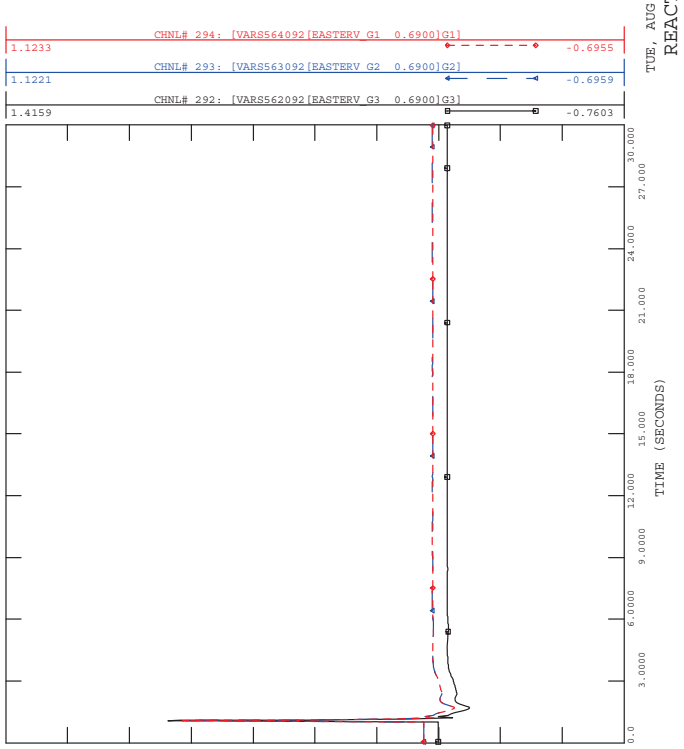


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_25_9L16_TINCHEBRAY

FILE: Scn4_2028SP_25_9L16_Tinchebray.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

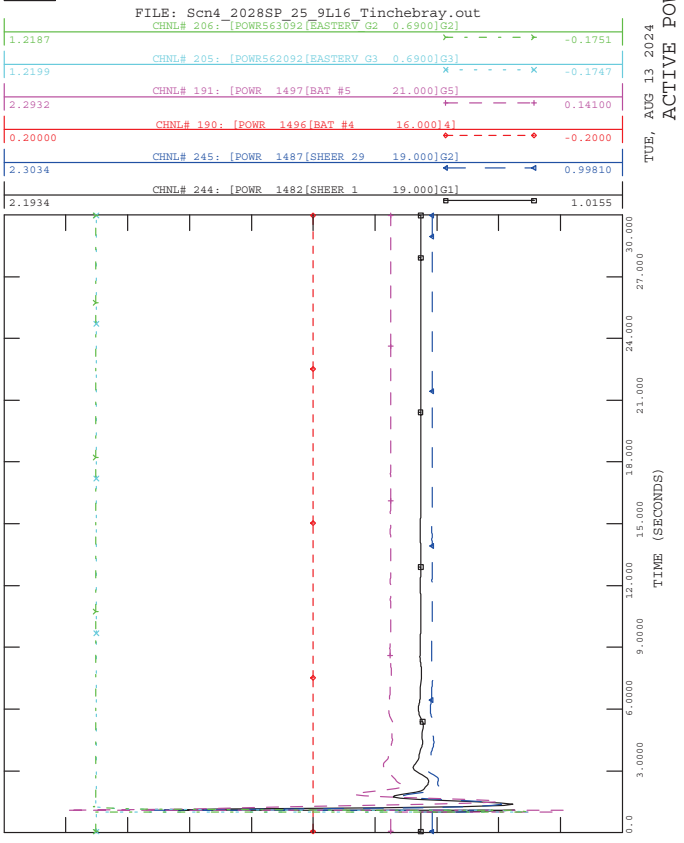


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_25_9L16_TINCHEBRAY

FILE: Scn4_2028SP_25_9L16_Tinchebray.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

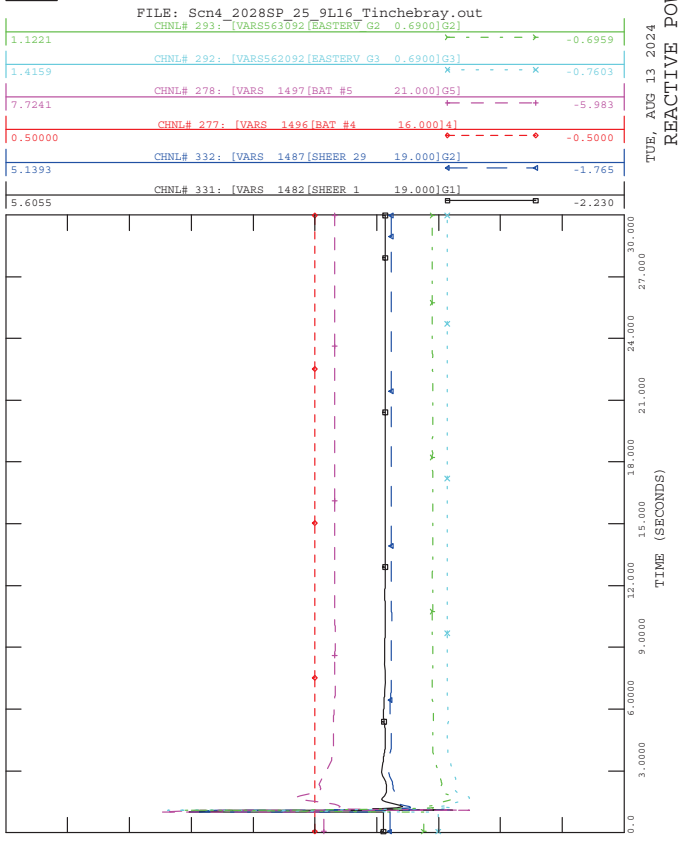


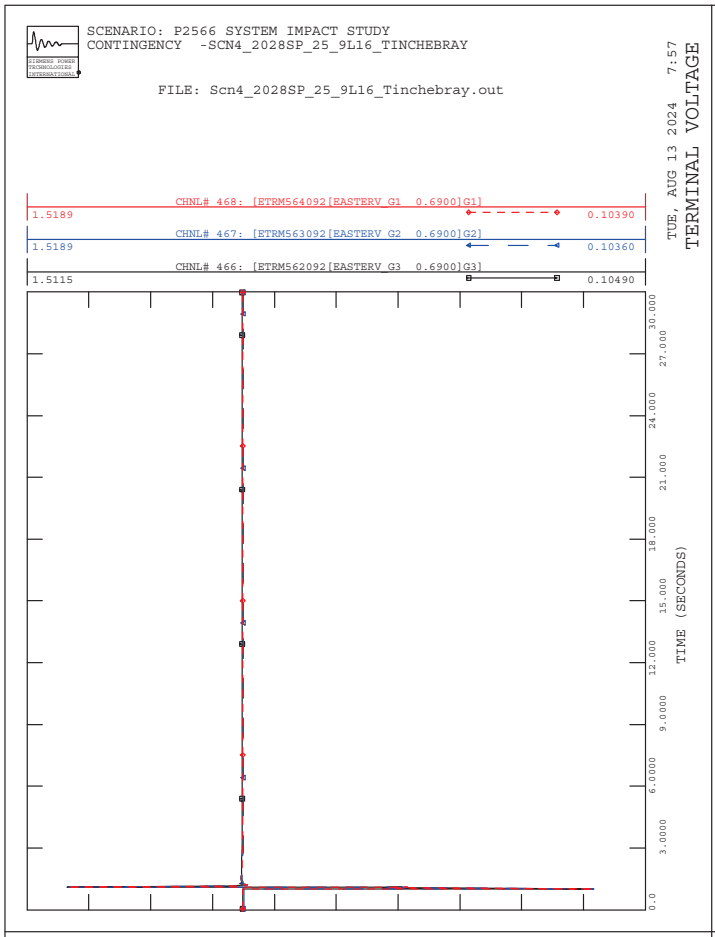
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_25_9L16_TINCHEBRAY

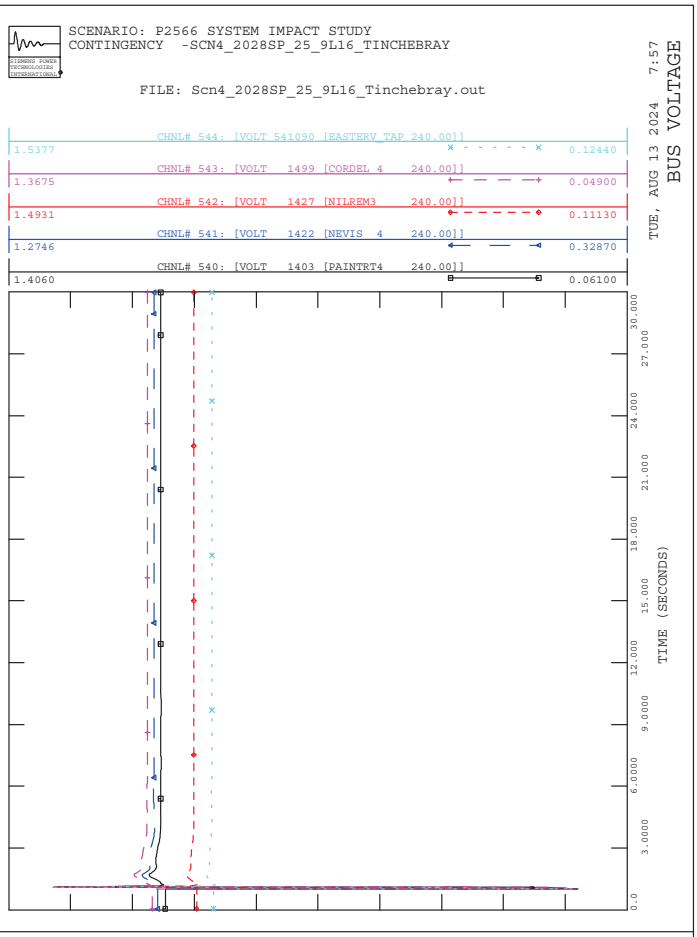
FILE: Scn4_2028SP_25_9L16_Tinchebray.out

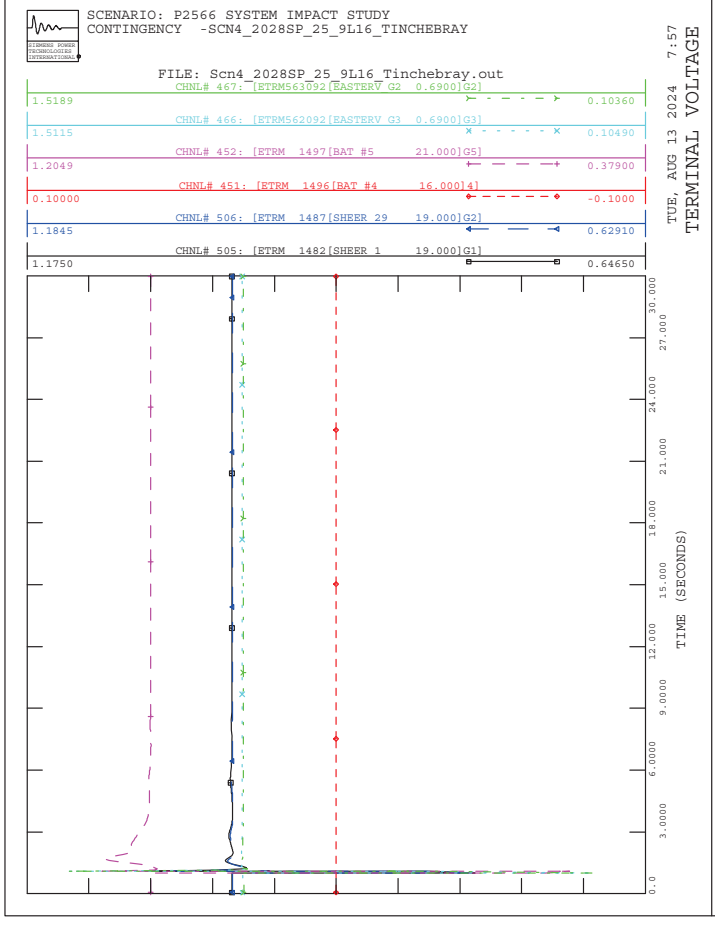
TUE, AUG 13 2024 7:57

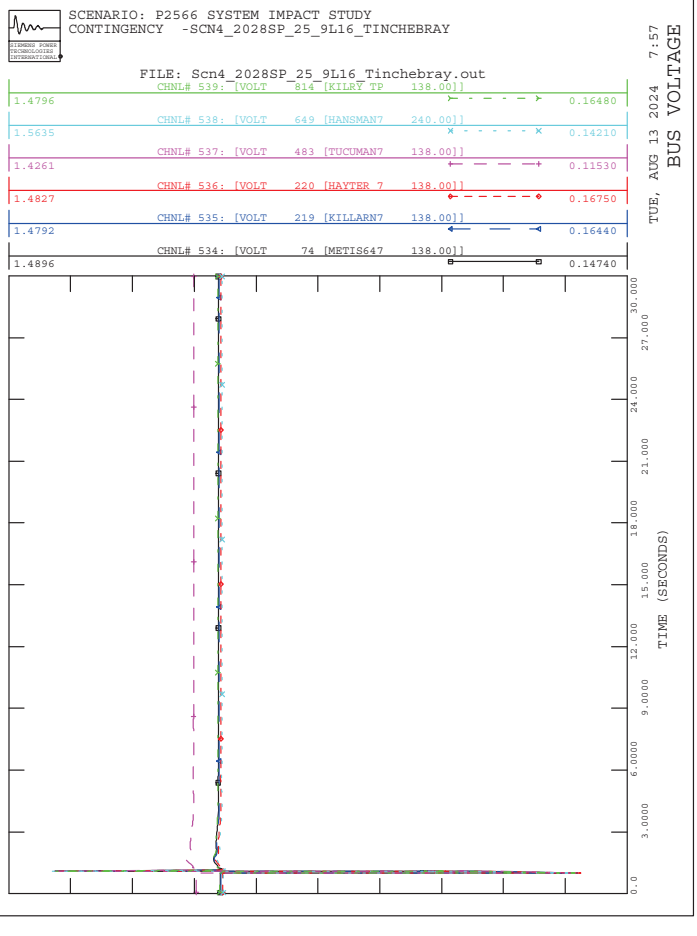
REACTIVE POWER




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_25_9L16_TINCHEBRAY
FILE: Scn4_2028SP_25_9L16_Tinchebray.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.5189
0.10390
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5189
0.10360
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5115
0.10490
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_25_9L16_TINCHEBRAY
FILE: Scn4_2028SP_25_9L16_Tinchebray.out
TUE, AUG 13 2024 7:57
BUS VOLTAGE
CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.5377
0.12440
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3675
0.04900
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4931
0.11130
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2746
0.32870
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.4060
0.06100
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_25_9L16_TINCHEBRAY
FILE: Scn4_2028SP_25_9L16_Tinchebray.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5189
0.10360
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5115
0.10490
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2049
0.37900
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000
-0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1845
0.62910
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1750
0.64650
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_25_9L16_TINCHEBRAY
FILE: Scn4_2028SP_25_9L16_Tinchebray.out
TUE, AUG 13 2024 7:57
BUS VOLTAGE
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4796
0.16480
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5635
0.14210
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4261
0.11530
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4827
0.16750
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4792
0.16440
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4896
0.14740
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)

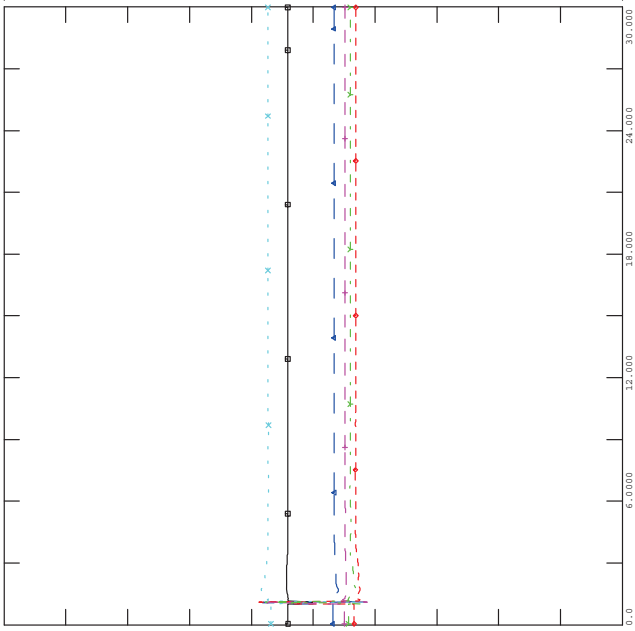
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_25_9L16_TINCHEBRAY

FILE: Scn4_2028SP_25_9L16_Tinchebray.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L Q] 221.87 -153.0
CHNL# 554: [9L27 Q] 685.02 -891.4
CHNL# 552: [9L966 Q] 1346.9 -1191.
CHNL# 550: [954L Q] 77.144 -99.19
CHNL# 548: [9L20 Q] 2201.1 -1897.
CHNL# 546: [398L Q] 60.410 -63.83



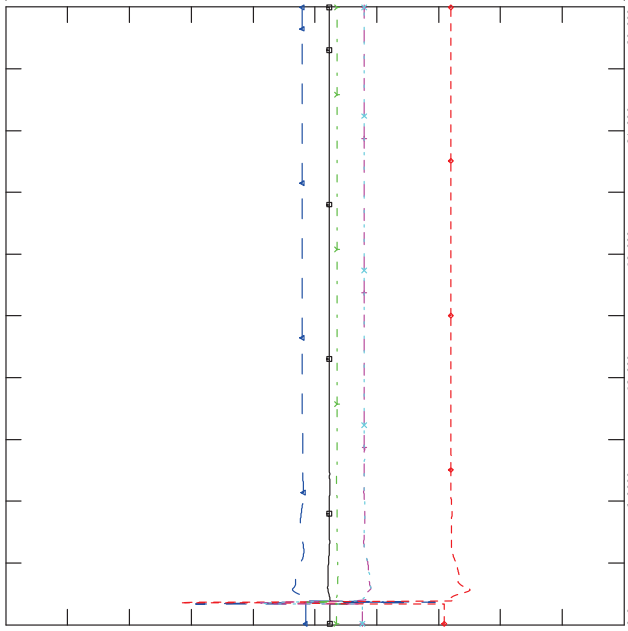
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_25_9L16_TINCHEBRAY

FILE: Scn4_2028SP_25_9L16_Tinchebray.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 566: [715L Q] 70.238 -60.18
CHNL# 572: [679L Q] 34.495 -62.20
CHNL# 564: [680L Q] 34.495 -62.20
CHNL# 562: [948L Q] 402.95 -228.5
CHNL# 560: [7L224 Q] 32.477 -112.0
CHNL# 558: [748L Q] 60.638 -44.13



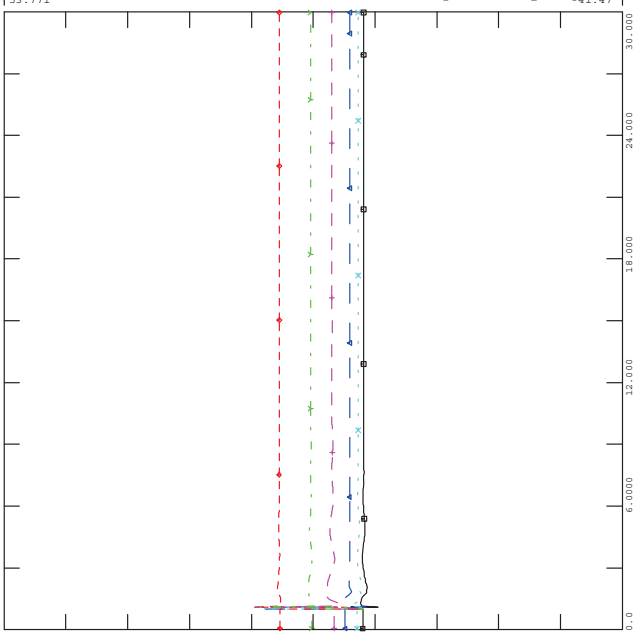
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_25_9L16_TINCHEBRAY

FILE: Scn4_2028SP_25_9L16_Tinchebray.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P] 404.27 -270.4
CHNL# 553: [9L27 P] 404.10 -585.6
CHNL# 551: [9L966 P] 788.77 -524.3
CHNL# 549: [954L P] 206.54 -138.0
CHNL# 547: [9L20 P] 1032.4 -1332.
CHNL# 545: [398L P] 53.771 -41.47



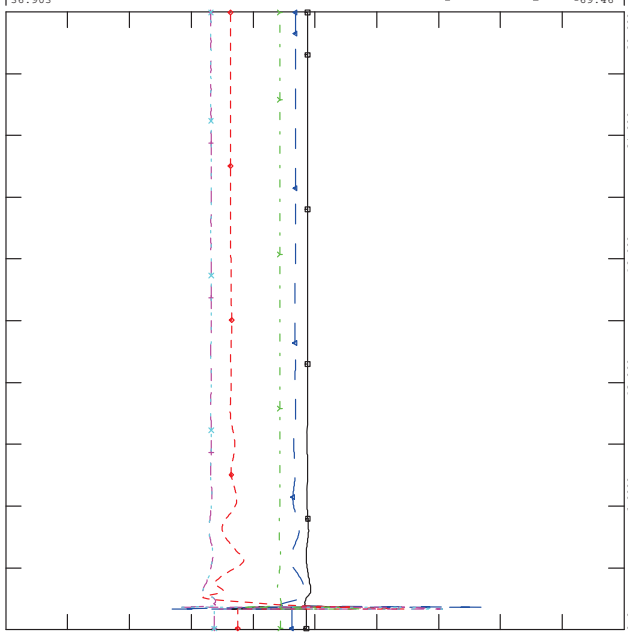
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_25_9L16_TINCHEBRAY

FILE: Scn4_2028SP_25_9L16_Tinchebray.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 565: [715L P] 105.31 -70.33
CHNL# 571: [679L P] 101.73 -36.64
CHNL# 563: [680L P] 101.73 -36.64
CHNL# 561: [948L P] 78.533 -37.38
CHNL# 559: [7L224 P] 35.558 -139.8
CHNL# 557: [748L P] 36.903 -69.46



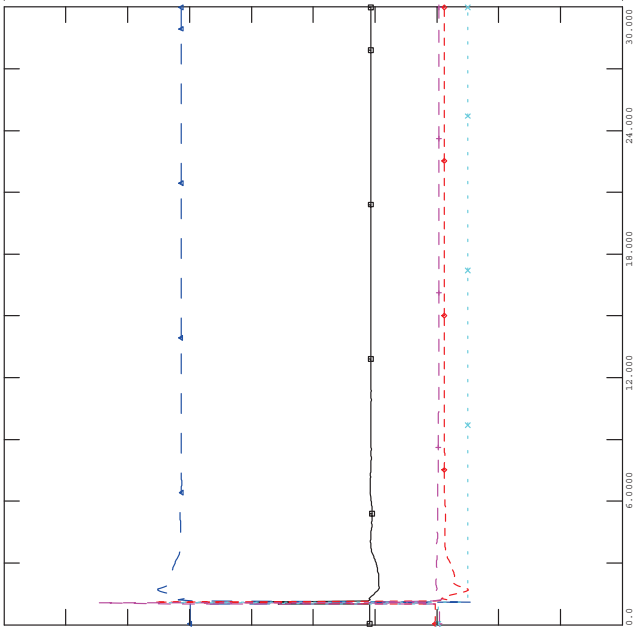
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_25_9L16_TINCHEBRAY

FILE: Scn4_2028SP_25_9L16_Tinchebray.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16_Q]
844.93 -281.6
CHNL# 576: [9L59_Q]
903.19 -303.5
CHNL# 574: [953L_Q]
425.89 -211.9
CHNL# 570: [1047L_Q]
265.09 -421.3
CHNL# 568: [749L_Q]
37.000 -64.54



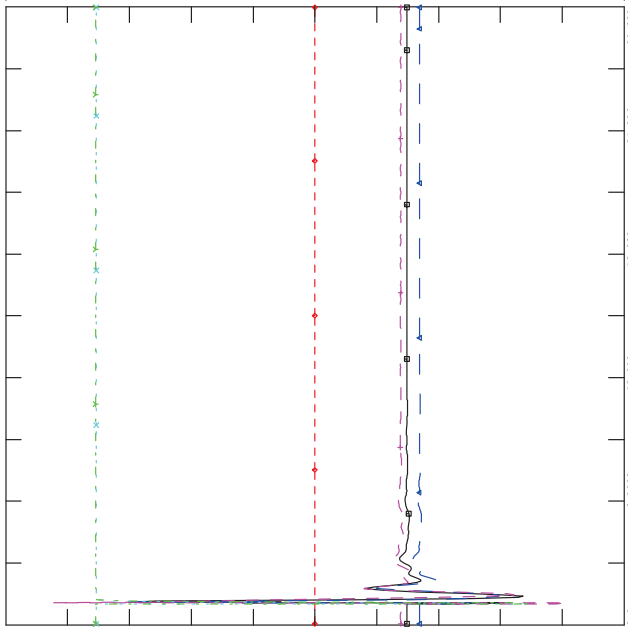
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_26_9L59_TINCHEBRAY

FILE: Scn4_2028SP_26_9L59_Tinchebray.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2]
1.2141 -0.1707
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3]
1.2146 -0.1702
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
2.3485 0.15480
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000 -0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
2.2149 0.99770
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
2.0957 1.0238



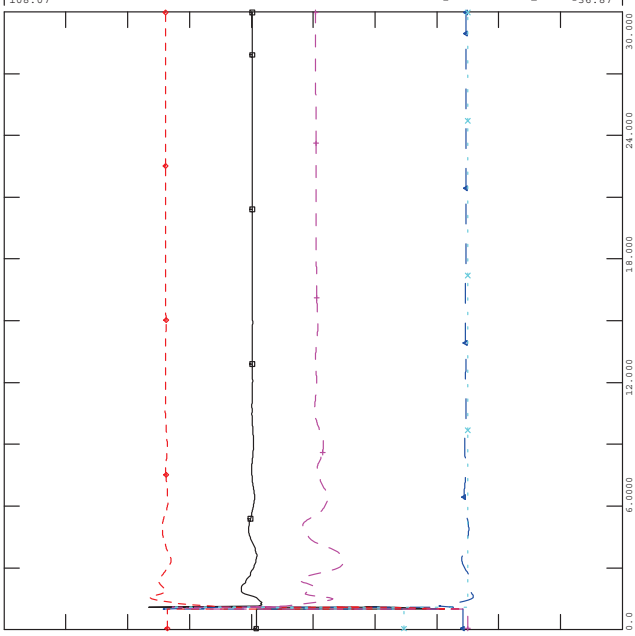
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_25_9L16_TINCHEBRAY

FILE: Scn4_2028SP_25_9L16_Tinchebray.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P]
140.31 -46.77
CHNL# 575: [9L59_P]
153.78 -149.4
CHNL# 573: [953L_P]
205.02 -57.18
CHNL# 569: [1047L_P]
102.87 -370.2
CHNL# 567: [749L_P]
108.07 -36.87



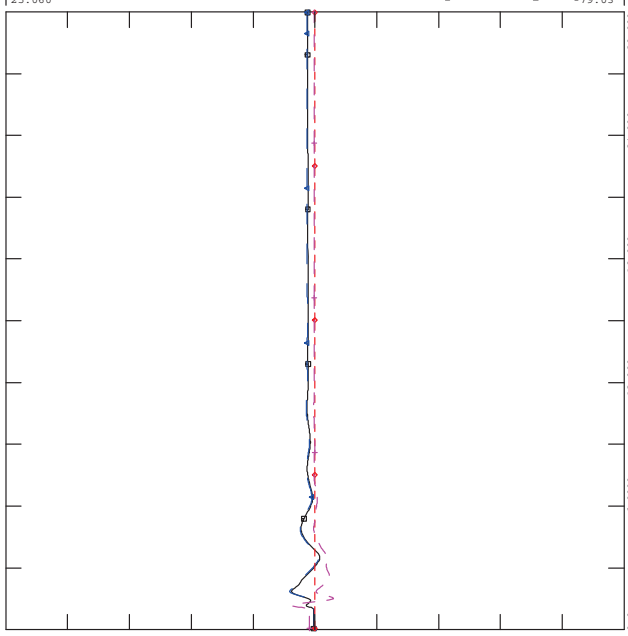
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_26_9L59_TINCHEBRAY

FILE: Scn4_2028SP_26_9L59_Tinchebray.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
22.599 -85.29
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000 -50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
28.387 -76.11
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
25.060 -79.03



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_26_9L59_TINCHEBRAY

FILE: Scn4_2028SP_26_9L59_Tinchebray.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.2322 -0.6477

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.4247 -0.6838

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
7.5802 -5.530

CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000 -0.5000

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
4.9790 -1.305

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
5.4467 -1.779

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_26_9L59_TINCHEBRAY

FILE: Scn4_2028SP_26_9L59_Tinchebray.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5701 0.11270

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5635 0.11390

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1936 0.38570

CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1591 0.63000

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1498 0.64740

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_26_9L59_TINCHEBRAY

FILE: Scn4_2028SP_26_9L59_Tinchebray.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2141 -0.1702

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2141 -0.1707

CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2146 -0.1702

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_26_9L59_TINCHEBRAY

FILE: Scn4_2028SP_26_9L59_Tinchebray.out

TUE, AUG 13 2024 7:57

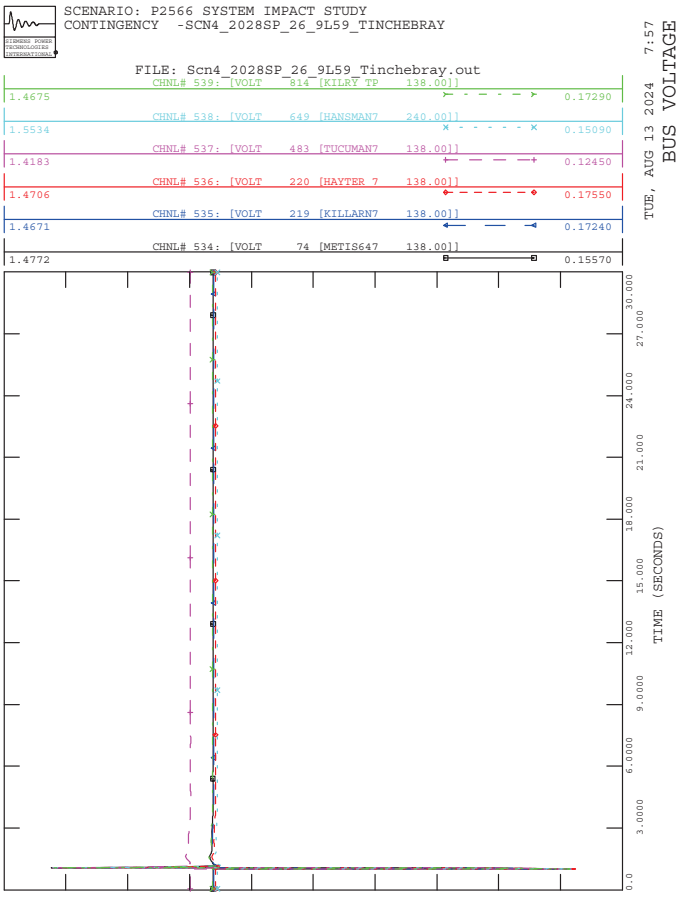
REACTIVE POWER

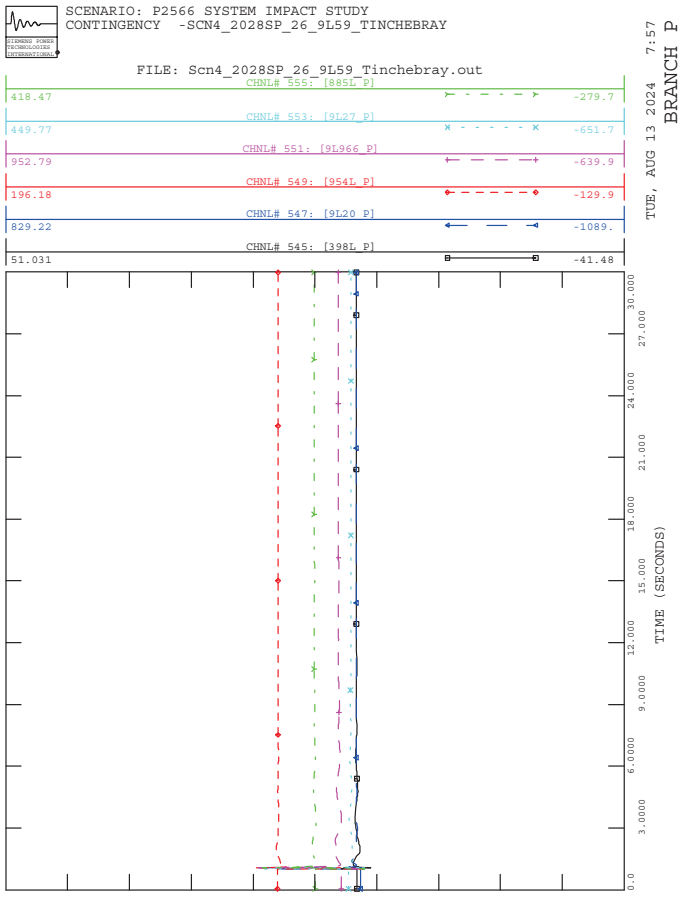
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.1993 -0.6475

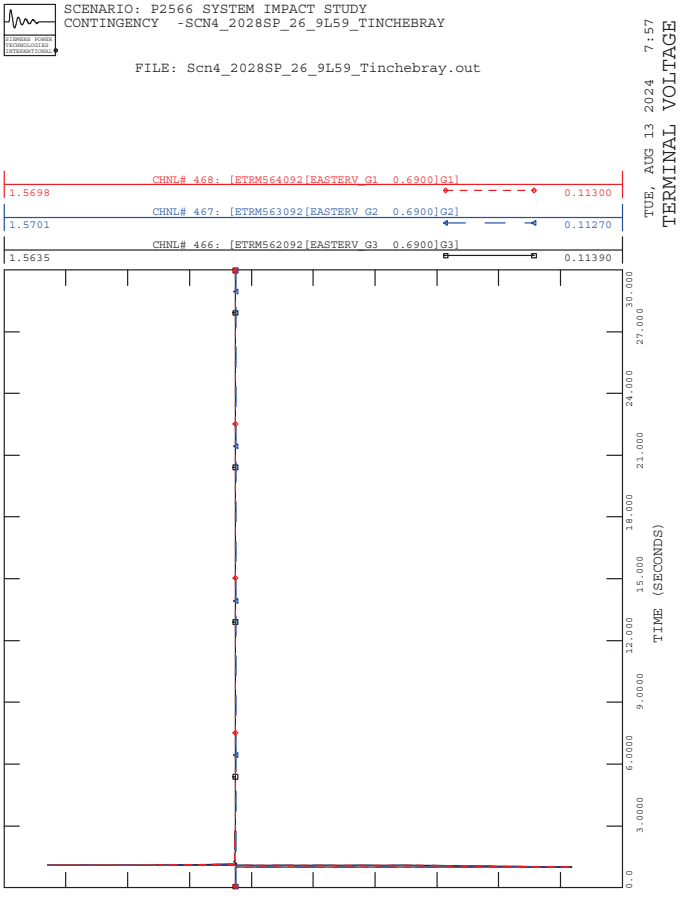
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.2322 -0.6477

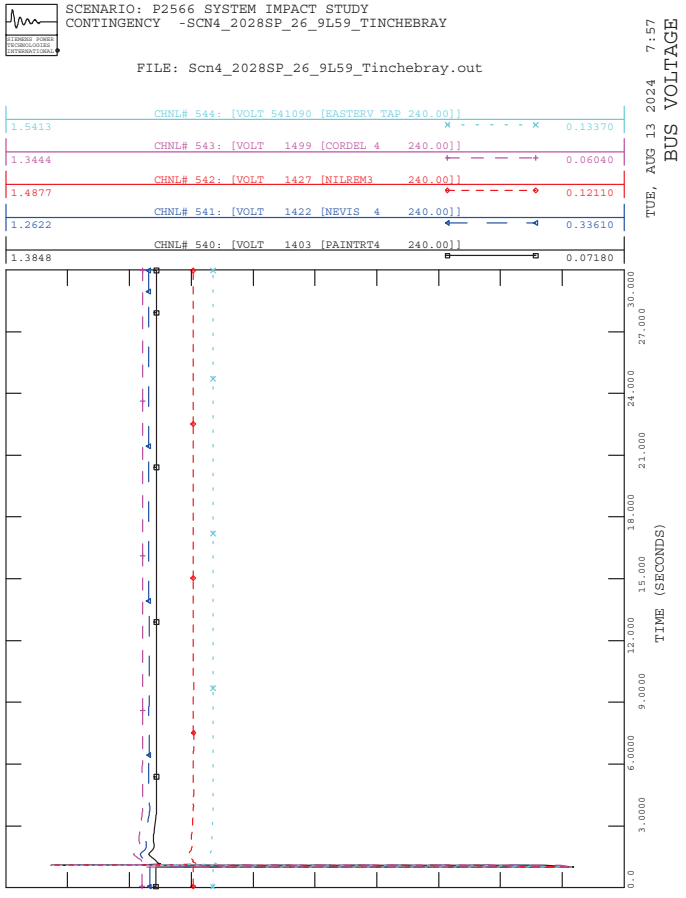
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.4247 -0.6838

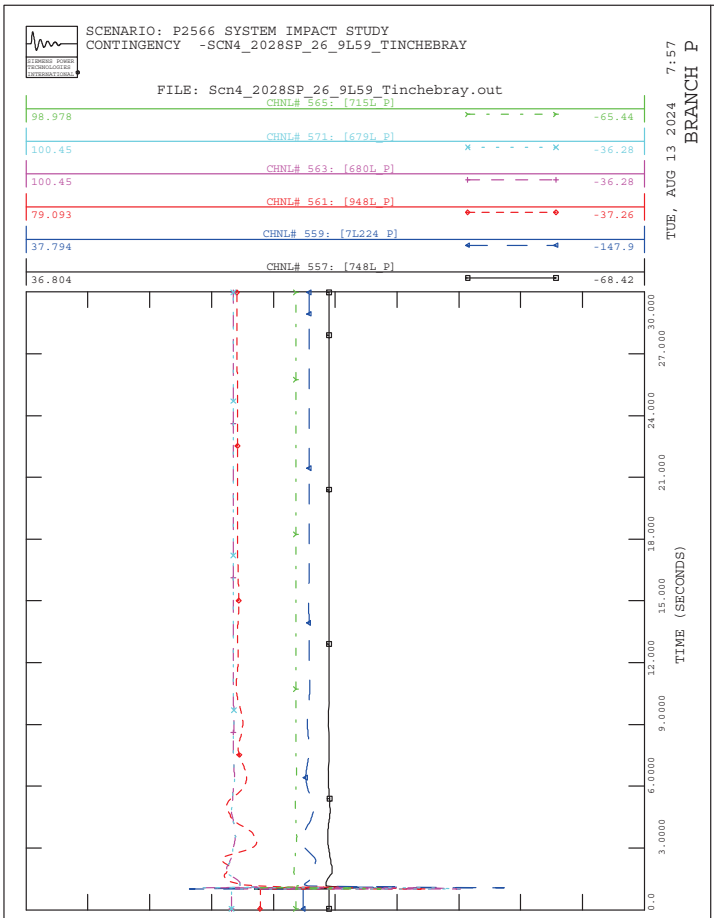
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

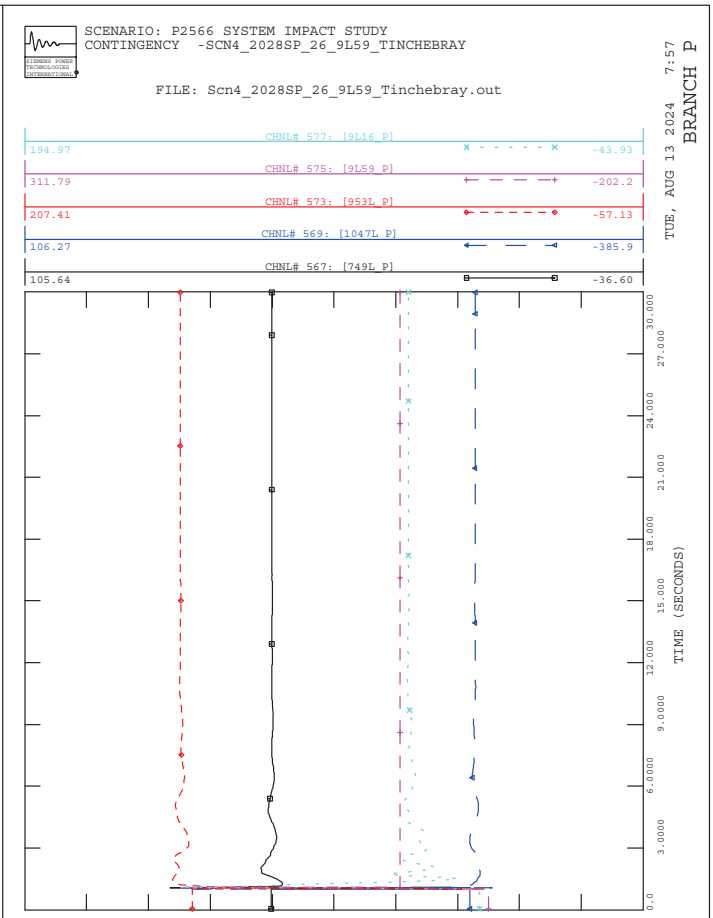

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_26_9L59_TINCHEBRAY
FILE: Scn4_2028SP_26_9L59_Tinchebray.out
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4675
0.17290
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5534
0.15090
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4183
0.12450
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4706
0.17550
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4671
0.17240
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4772
0.15570
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
BUS VOLTAGE

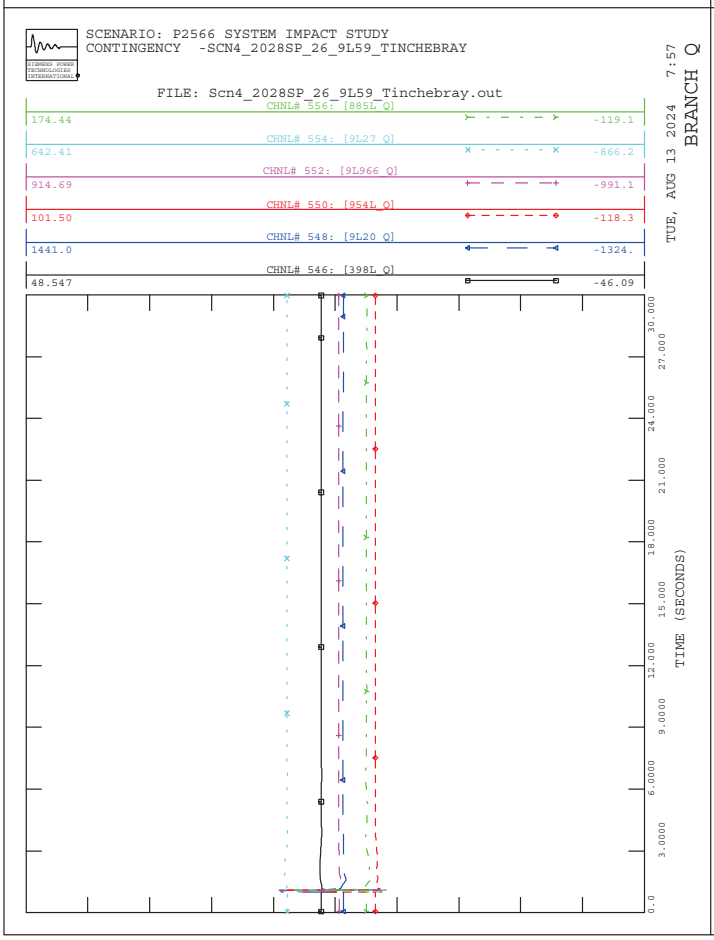

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_26_9L59_TINCHEBRAY
FILE: Scn4_2028SP_26_9L59_Tinchebray.out
CHNL# 555: [88SL P]
418.47
-279.7
CHNL# 553: [9L27 P]
449.77
-651.7
CHNL# 551: [9L966 P]
952.79
-639.9
CHNL# 549: [954L P]
196.18
-129.9
CHNL# 547: [9L20 P]
829.22
-1089.
CHNL# 545: [398L P]
51.031
-41.48
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
BRANCH P

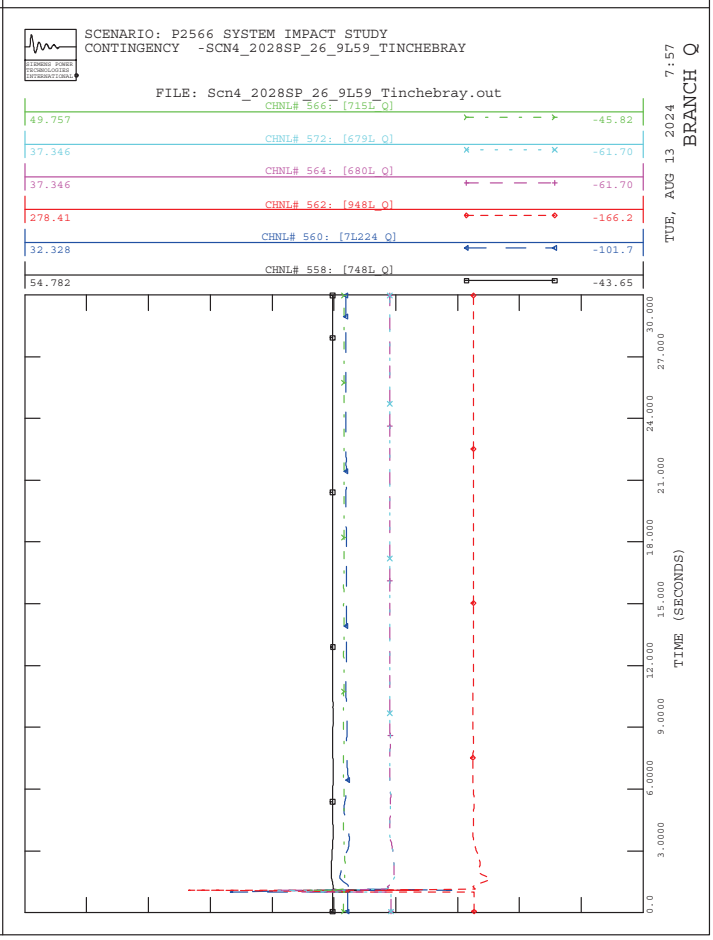

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_26_9L59_TINCHEBRAY
FILE: Scn4_2028SP_26_9L59_Tinchebray.out
CHNL# 468: [ETRM564092[EASTERV_G1 0.6900]G1]
1.5698
0.11300
CHNL# 467: [ETRM563092[EASTERV_G2 0.6900]G2]
1.5701
0.11270
CHNL# 466: [ETRM562092[EASTERV_G3 0.6900]G3]
1.5635
0.11390
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE

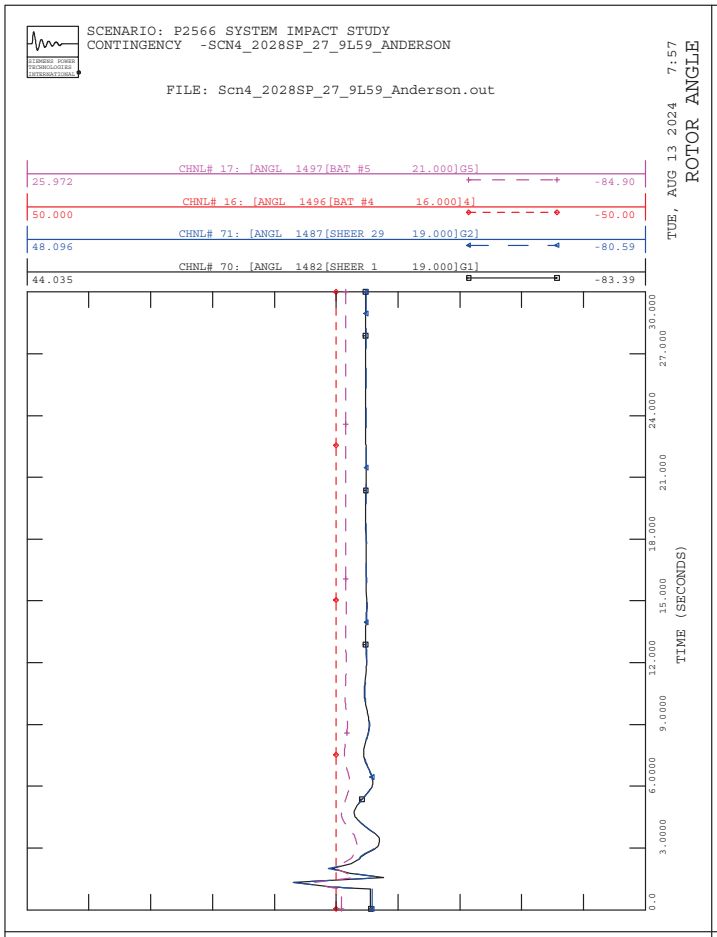

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_26_9L59_TINCHEBRAY
FILE: Scn4_2028SP_26_9L59_Tinchebray.out
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.5413
0.13370
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3444
0.06040
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4877
0.12110
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2622
0.33610
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3848
0.07180
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
BUS VOLTAGE

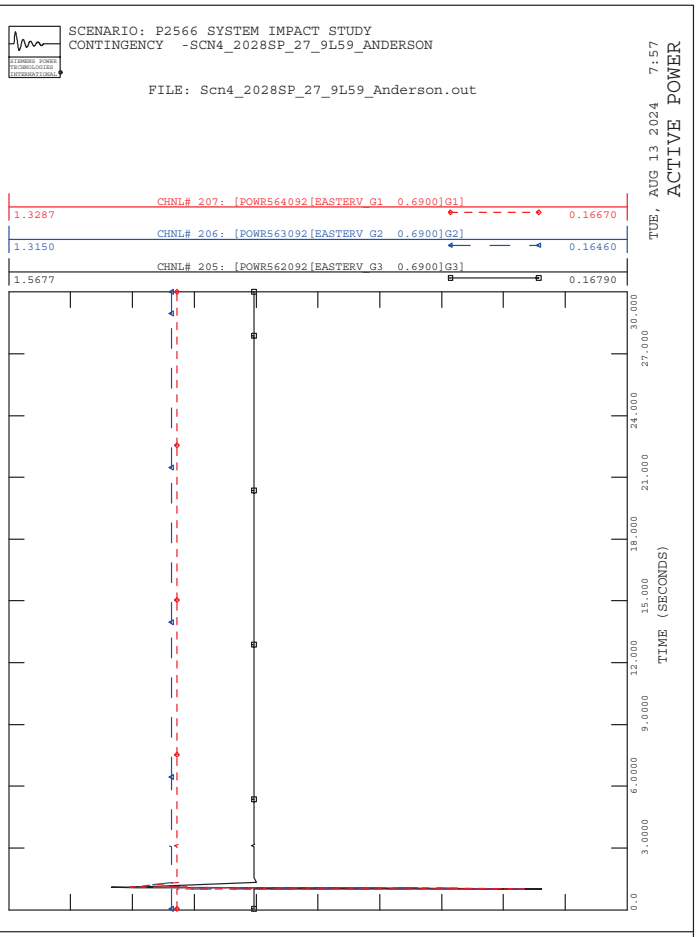

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_26_9L59_TINCHEBRAY
FILE: Scn4_2028SP_26_9L59_Tinchebray.out
CHNL# 565: [715L P]
98.978
-65.44
CHNL# 571: [679L P]
100.45
-36.28
CHNL# 563: [680L P]
100.45
-36.28
CHNL# 561: [948L P]
79.093
-37.26
CHNL# 559: [7L224 P]
37.794
-147.9
CHNL# 557: [748L P]
36.804
-68.42
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

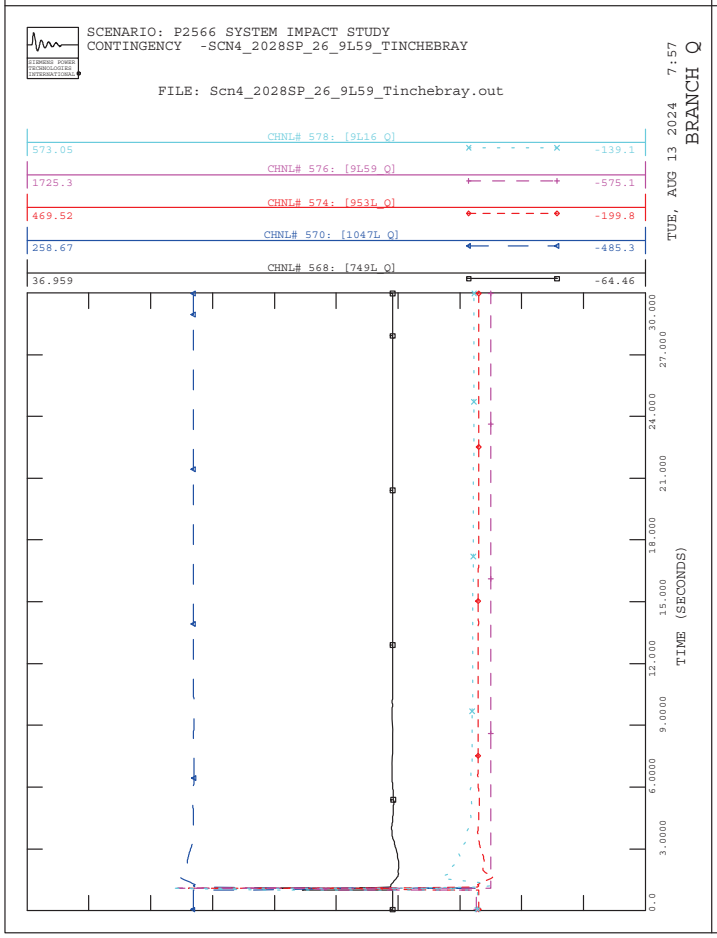

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_26_9L59_TINCHEBRAY
FILE: Scn4_2028SP_26_9L59_Tinchebray.out
CHNL# 577: [9L16 P]
194.97
-43.93
CHNL# 575: [9L59 P]
311.79
-202.2
CHNL# 573: [953L P]
207.41
-57.13
CHNL# 569: [1047L P]
106.27
-385.9
CHNL# 567: [749L P]
105.64
-36.60
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

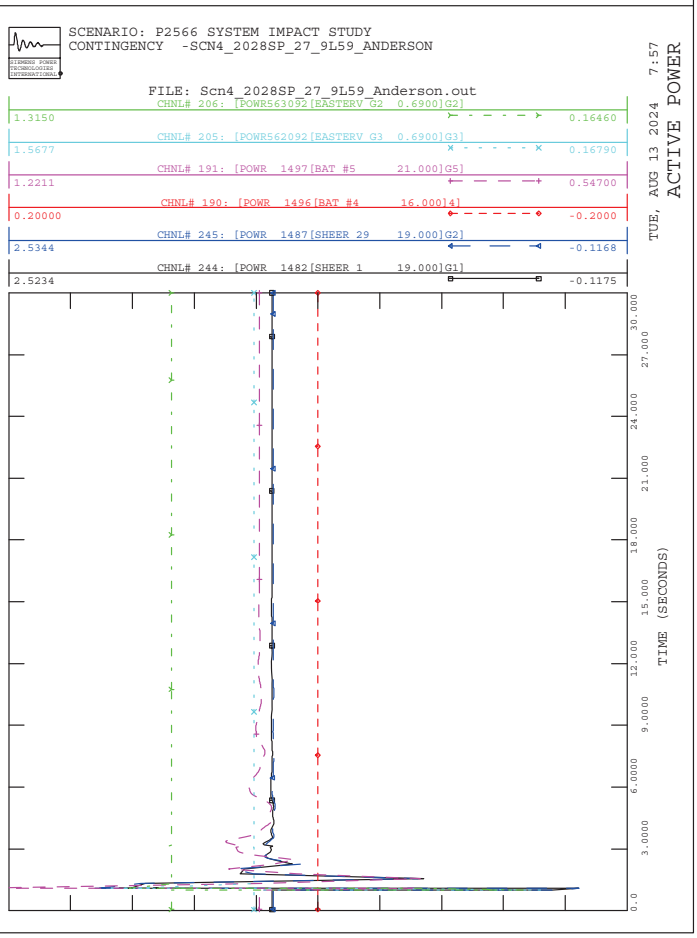

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_26_9L59_TINCHEBRAY
FILE: Scn4_2028SP_26_9L59_Tinchebray.out
CHNL# 556: [885L Q]
174.44
-119.1
CHNL# 554: [9L27 Q]
642.41
-866.2
CHNL# 552: [9L966 Q]
914.69
-991.1
CHNL# 550: [954L Q]
101.50
-118.3
CHNL# 548: [9L20 Q]
1441.0
-1324.
CHNL# 546: [398L Q]
48.547
-46.09
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_26_9L59_TINCHEBRAY
FILE: Scn4_2028SP_26_9L59_Tinchebray.out
CHNL# 566: [715L Q]
49.757
-45.82
CHNL# 572: [679L Q]
37.346
-61.70
CHNL# 564: [680L Q]
37.346
-61.70
CHNL# 562: [948L Q]
278.41
-166.2
CHNL# 560: [7L224 Q]
32.328
-101.7
CHNL# 558: [748L Q]
54.782
-43.65
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_27_9L59_ANDERSON
FILE: Scn4_2028SP_27_9L59_Anderson.out
TUE, AUG 13 2024 7:57
ROTOR ANGLE
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
25.972
-84.90
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000
-50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
48.096
-80.59
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
44.035
-83.39
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_27_9L59_ANDERSON
FILE: Scn4_2028SP_27_9L59_Anderson.out
TUE, AUG 13 2024 7:57
ACTIVE POWER
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.3287
0.16670
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.3150
0.16460
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.5677
0.16790
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_26_9L59_TINCHEBRAY
FILE: Scn4_2028SP_26_9L59_Tinchebray.out
TUE, AUG 13 2024 7:57
BRANCH Q
CHNL# 578: [9L16 Q]
573.05
-139.1
CHNL# 576: [9L59 Q]
1725.3
-575.1
CHNL# 574: [953L Q]
469.52
-199.8
CHNL# 570: [1047L Q]
258.67
-485.3
CHNL# 568: [749L Q]
36.959
-64.46
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_27_9L59_ANDERSON
FILE: Scn4_2028SP_27_9L59_Anderson.out
TUE, AUG 13 2024 7:57
ACTIVE POWER
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.3150
0.16460
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.5677
0.16790
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.2211
0.54700
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000
-0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
2.5344
-0.1168
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
2.5234
-0.1175
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
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24.000
27.000
30.000

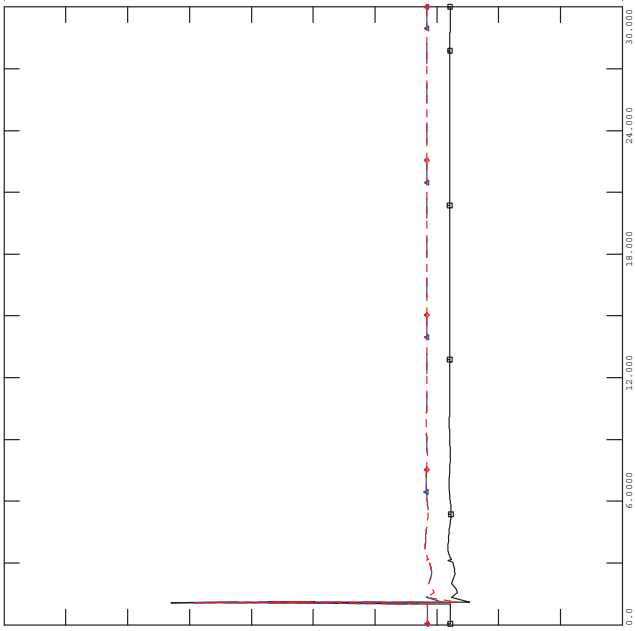
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_27_9L59_ANDERSON

FILE: Scn4_2028SP_27_9L59_Anderson.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1] 1.0154 -0.6237
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2] 1.0154 -0.6238
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3] 1.2449 -0.6275



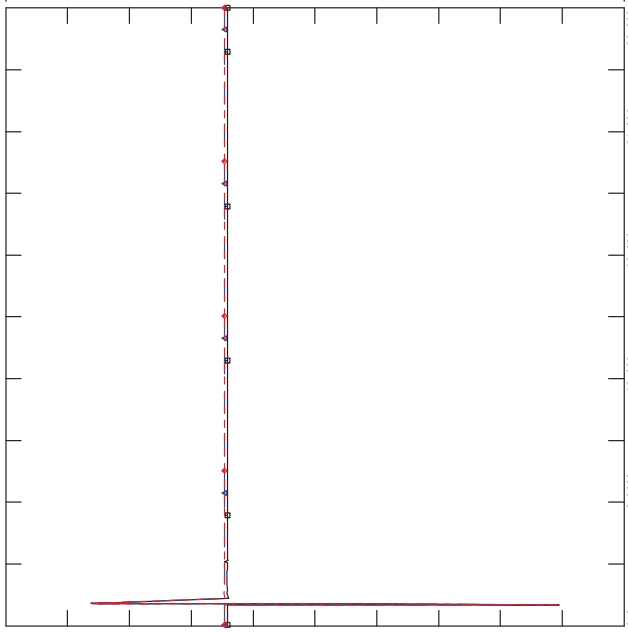
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_27_9L59_ANDERSON

FILE: Scn4_2028SP_27_9L59_Anderson.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1] 1.3501 0.43140
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2] 1.3477 0.43010
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3] 1.3507 0.43220



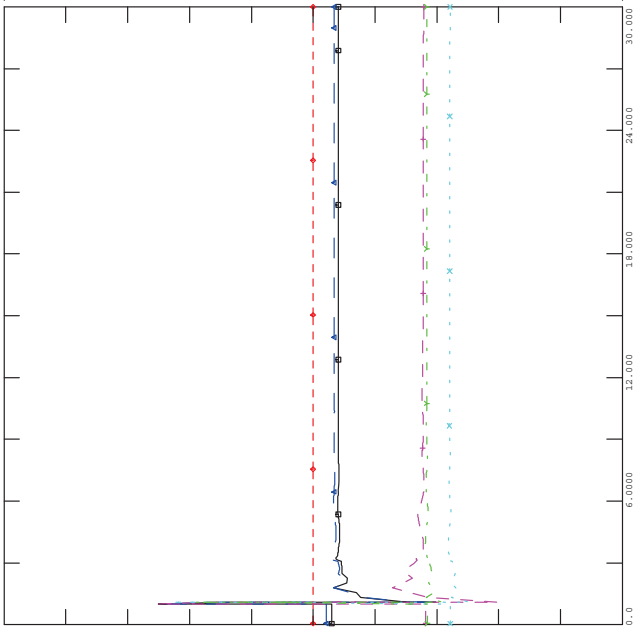
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_27_9L59_ANDERSON

FILE: Scn4_2028SP_27_9L59_Anderson.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2] 1.0154 -0.6238
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3] 1.2449 -0.6275
CHNL# 278: [VARS 1497[BAT #5 21.000]G5] 4.5892 -1.164
CHNL# 277: [VARS 1496[BAT #4 16.000]4] 0.50000 -0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2] 6.7196 -4.544
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1] 7.6939 -5.293



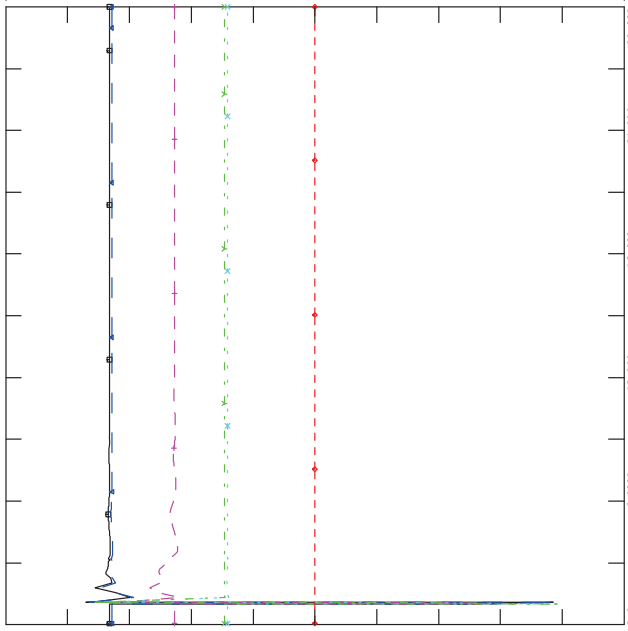
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_27_9L59_ANDERSON

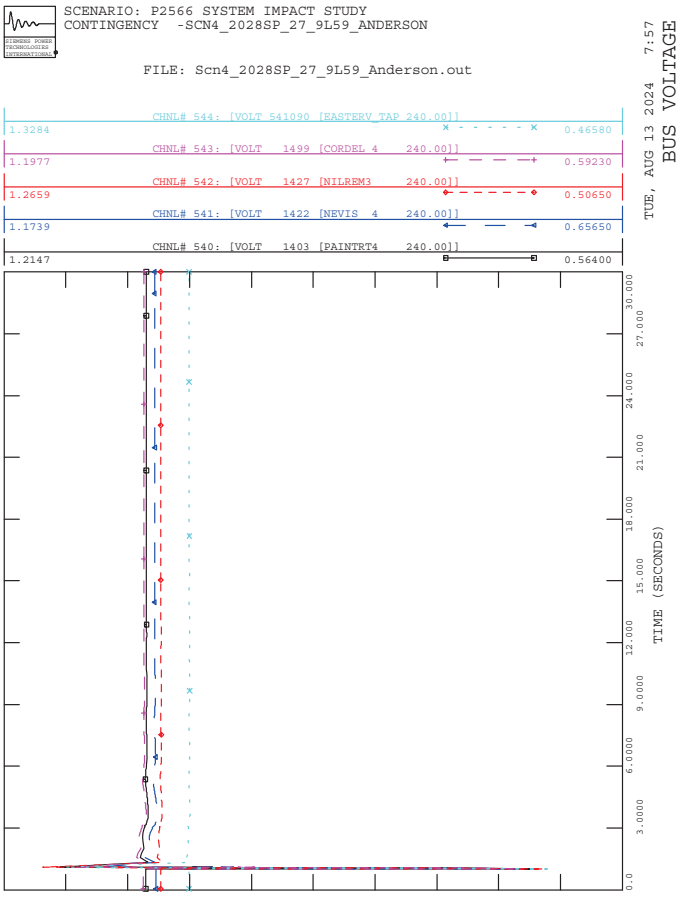
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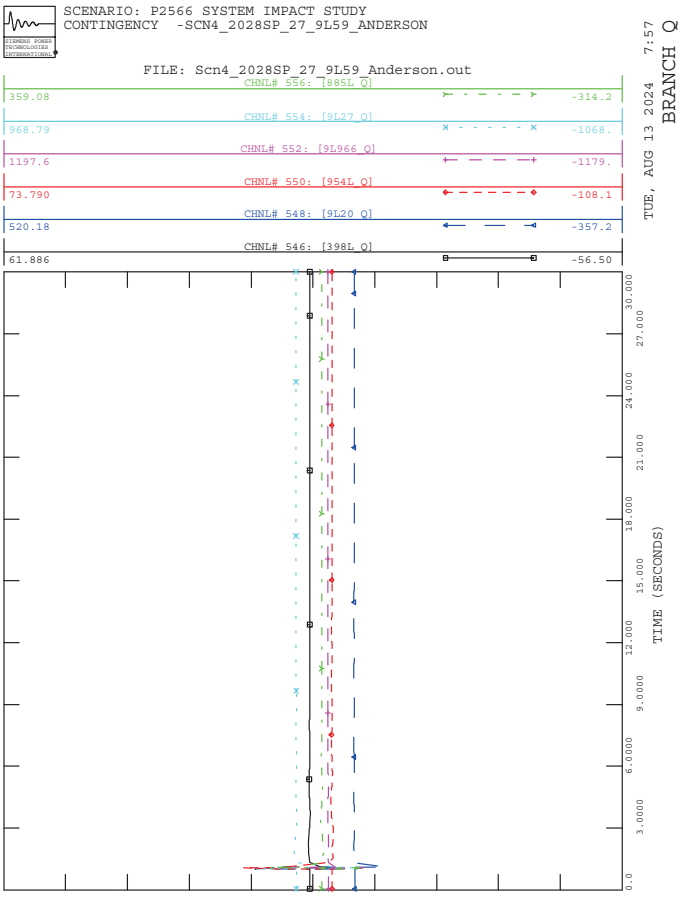
TUE, AUG 13 2024 7:57

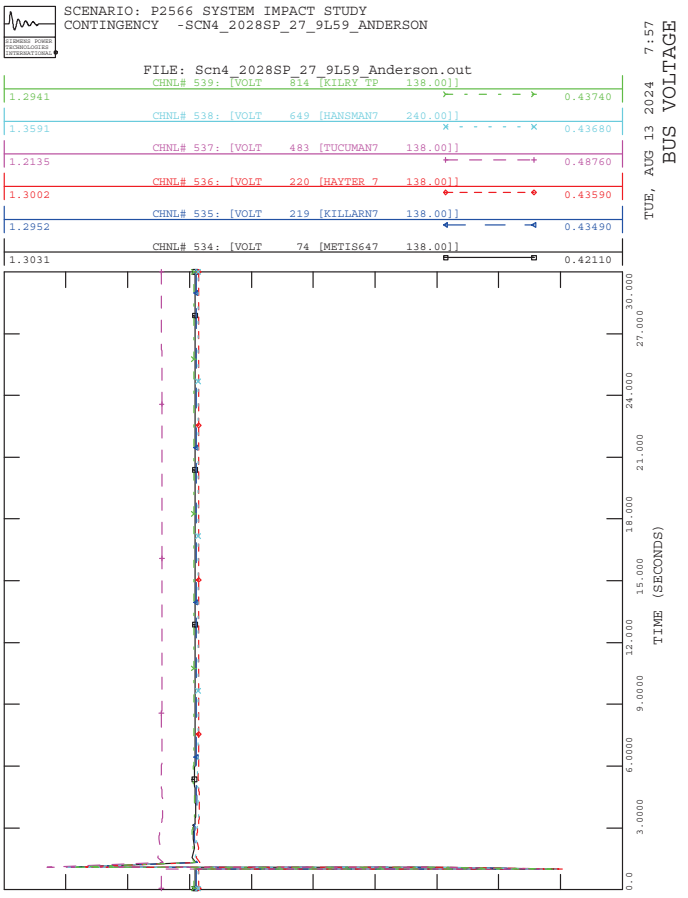
TERMINAL VOLTAGE

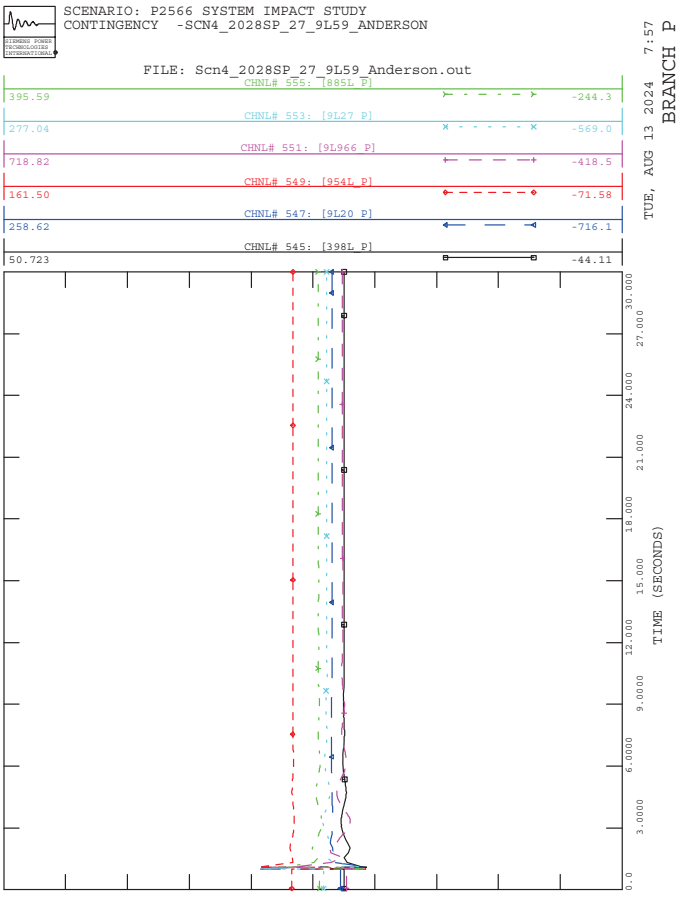
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2] 1.3477 0.43010
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3] 1.3507 0.43220
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5] 1.1579 0.72570
CHNL# 451: [ETRM 1496[BAT #4 16.000]4] 0.10000 -0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2] 1.1563 0.24680
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1] 1.1475 0.26790




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_27_9L59_ANDERSON
FILE: Scn4_2028SP_27_9L59_Anderson.out
CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.3284
0.46580
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.1977
0.59230
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.2659
0.50650
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.1739
0.65650
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2147
0.56400
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_27_9L59_ANDERSON
FILE: Scn4_2028SP_27_9L59_Anderson.out
CHNL# 556: [885L Q]
359.08
-314.2
CHNL# 554: [9L27 Q]
968.79
-1068.
CHNL# 552: [9L966 Q]
1197.6
-1179.
CHNL# 550: [954L Q]
73.790
-108.1
CHNL# 548: [9L20 Q]
520.18
-357.2
CHNL# 546: [398L Q]
61.886
-56.50
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_27_9L59_ANDERSON
FILE: Scn4_2028SP_27_9L59_Anderson.out
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.2941
0.43740
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.3591
0.43680
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.2135
0.48760
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.3002
0.43590
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.2952
0.43490
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.3031
0.42110
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_27_9L59_ANDERSON
FILE: Scn4_2028SP_27_9L59_Anderson.out
CHNL# 555: [885L P]
395.59
-244.3
CHNL# 553: [9L27 P]
277.04
-569.0
CHNL# 551: [9L966 P]
718.82
-418.5
CHNL# 549: [954L P]
161.50
-71.58
CHNL# 547: [9L20 P]
258.62
-716.1
CHNL# 545: [398L P]
50.723
-44.11
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_27_9L59_ANDERSON

FILE: Scn4_2028SP_27_9L59_Anderson.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 566: [715L Q] 61.176 -59.60
CHNL# 572: [679L Q] 29.628 -61.59
CHNL# 564: [680L Q] 29.628 -61.59
CHNL# 562: [948L Q] 403.63 -239.2
CHNL# 560: [7L224 Q] 106.24 -160.3
CHNL# 558: [748L Q] 55.801 -42.31

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_27_9L59_ANDERSON

FILE: Scn4_2028SP_27_9L59_Anderson.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16 Q] 1137.4 -309.4
CHNL# 576: [9L59 Q] 5000.0 -3155.
CHNL# 574: [953L Q] 535.81 -321.9
CHNL# 570: [1047L Q] 351.18 -512.3
CHNL# 568: [749L Q] 28.934 -68.25

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_27_9L59_ANDERSON

FILE: Scn4_2028SP_27_9L59_Anderson.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 565: [715L P] 88.877 -42.68
CHNL# 571: [679L P] 104.33 -11.04
CHNL# 563: [680L P] 104.33 -11.04
CHNL# 561: [948L P] 137.78 -25.53
CHNL# 559: [7L224 P] 36.029 -148.4
CHNL# 557: [748L P] 33.436 -66.10

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_27_9L59_ANDERSON

FILE: Scn4_2028SP_27_9L59_Anderson.out

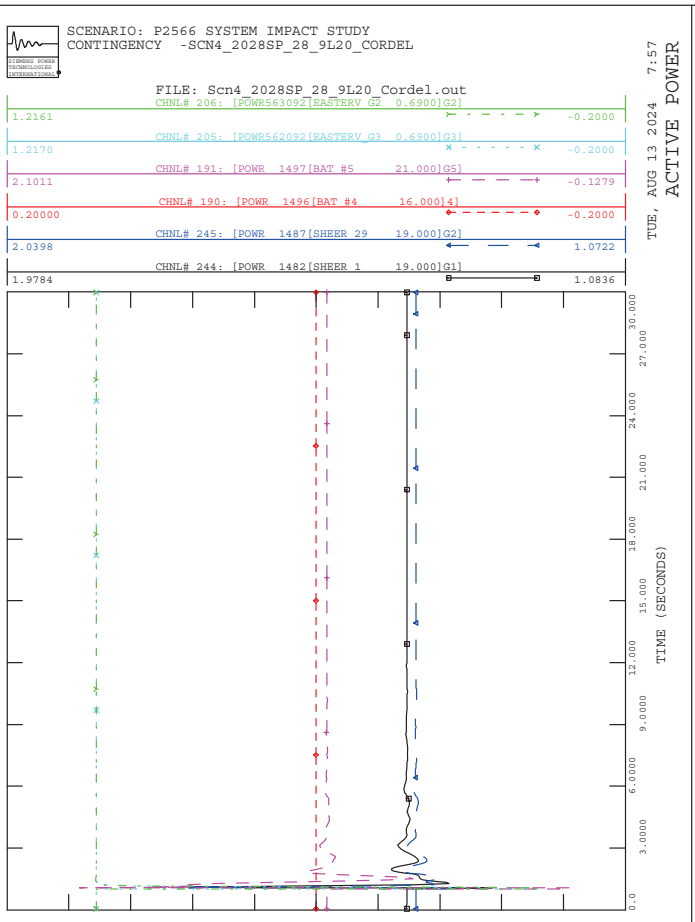
TUE, AUG 13 2024 7:57

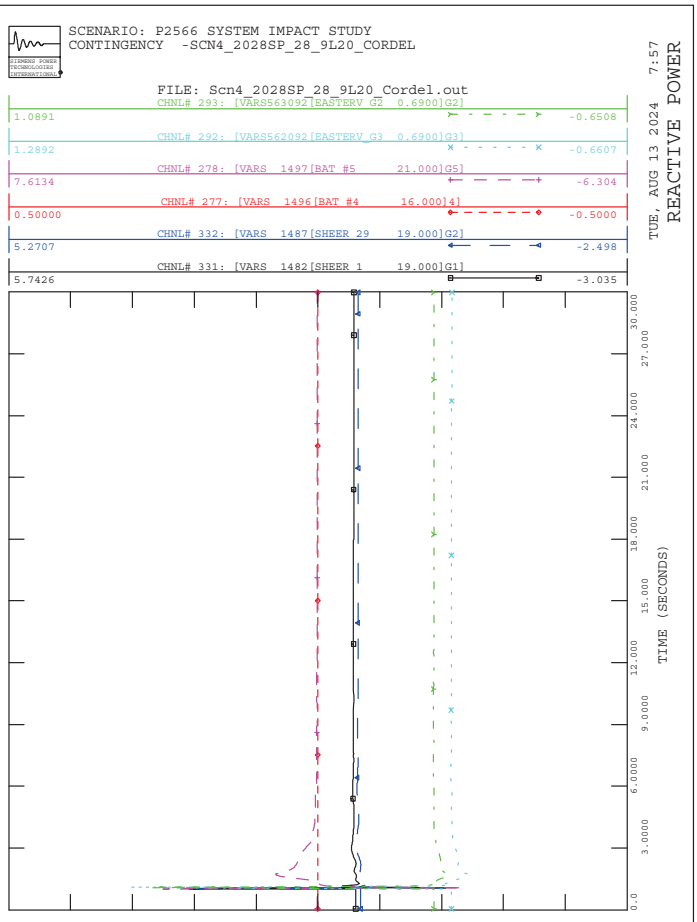
BRANCH P

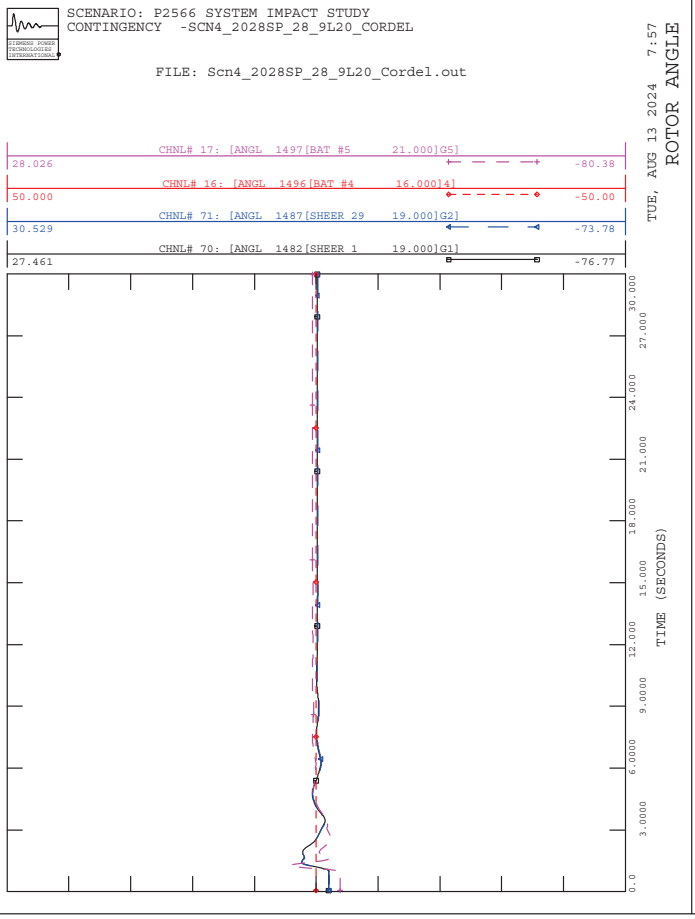
CHNL# 577: [9L16 P] 257.36 -79.15
CHNL# 575: [9L59 P] 3696.7 -5000.
CHNL# 573: [953L P] 313.34 -31.03
CHNL# 569: [1047L P] 3.5718 -467.3
CHNL# 567: [749L P] 112.77 -21.42

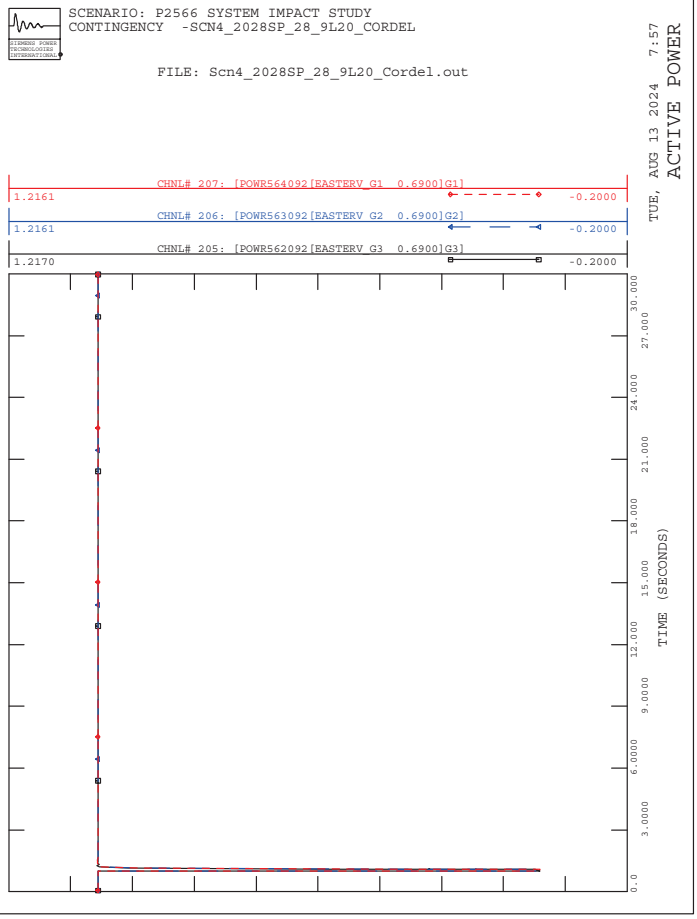
TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_28_9L20_CORDEL
FILE: Scn4_2028SP_28_9L20_Cordel.out
CHNL# 206: [POWRS63092[EASTERV G2 0.6900]G2]
1.2161
-0.2000
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2170
-0.2000
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
2.1011
-0.1279
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000
-0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
2.0398
1.0722
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
1.9784
1.0836
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_28_9L20_CORDEL
FILE: Scn4_2028SP_28_9L20_Cordel.out
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.0891
-0.6508
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.2892
-0.6607
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
7.6134
-6.304
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000
-0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
5.2707
-2.498
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
5.7426
-3.035
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_28_9L20_CORDEL
FILE: Scn4_2028SP_28_9L20_Cordel.out
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
28.026
-80.38
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000
-50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
30.529
-73.78
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
27.461
-76.77
TUE, AUG 13 2024 7:57
ROTOR ANGLE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_28_9L20_CORDEL
FILE: Scn4_2028SP_28_9L20_Cordel.out
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2161
-0.2000
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2161
-0.2000
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2170
-0.2000
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_28_9L20_CORDEL

FILE: Scn4_2028SP_28_9L20_Cordel.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5918 0.00510

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5821 0.00680

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2008 0.27620

CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1955 0.64250

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1829 0.65900

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_28_9L20_CORDEL

FILE: Scn4_2028SP_28_9L20_Cordel.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.5242 0.08150

CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.6159 0.04900

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4562 0.01380

CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.5283 0.08580

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.5243 0.08200

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.5374 0.06150

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_28_9L20_CORDEL

FILE: Scn4_2028SP_28_9L20_Cordel.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.0752 -0.6506

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.0891 -0.6508

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.2892 -0.6607

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_28_9L20_CORDEL

FILE: Scn4_2028SP_28_9L20_Cordel.out

TUE, AUG 13 2024 7:57

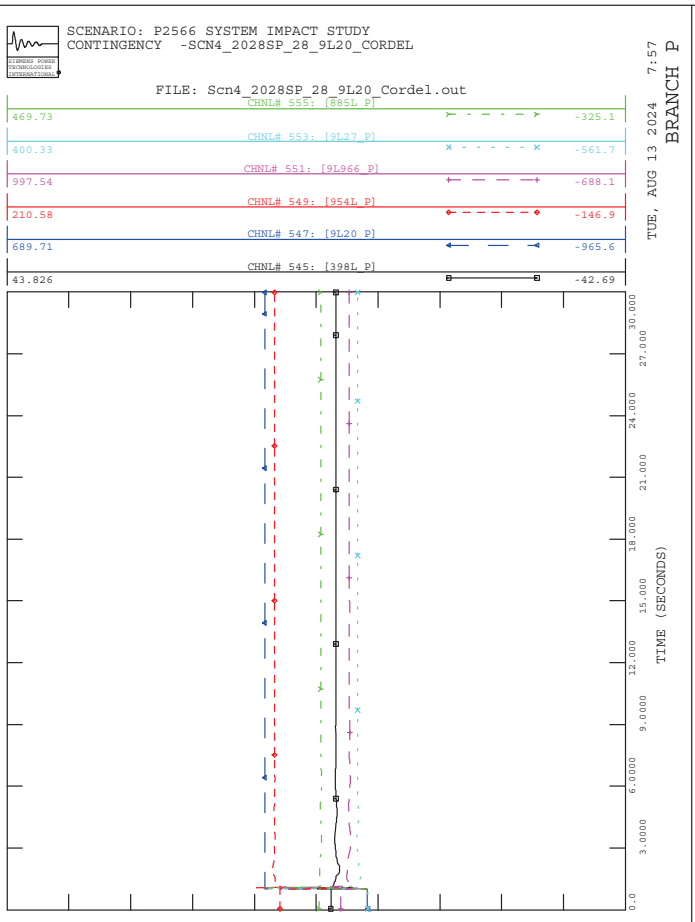
TERMINAL VOLTAGE

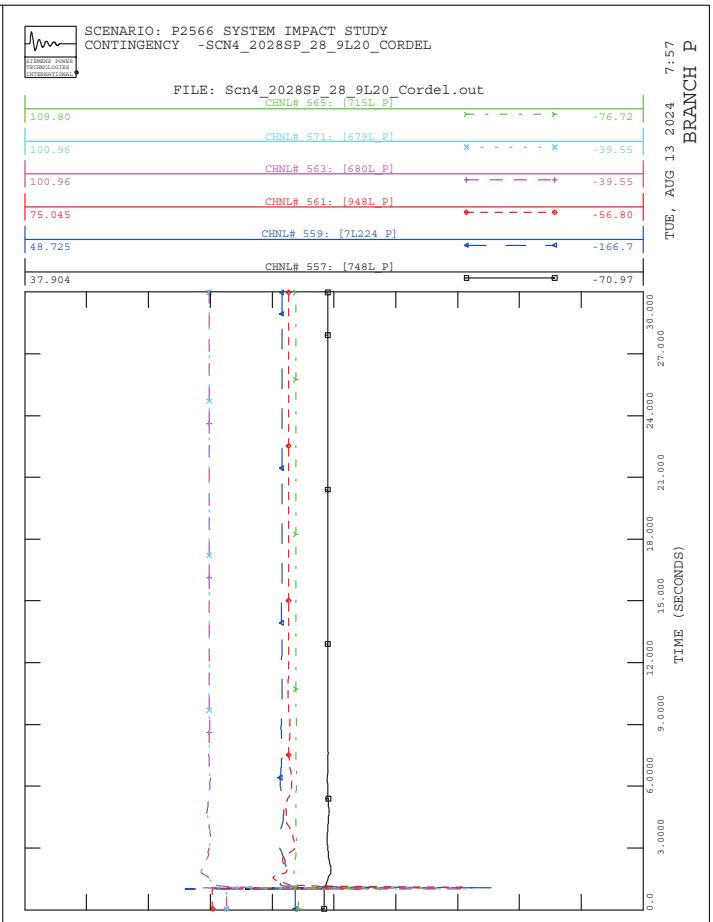
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.5913 0.00510

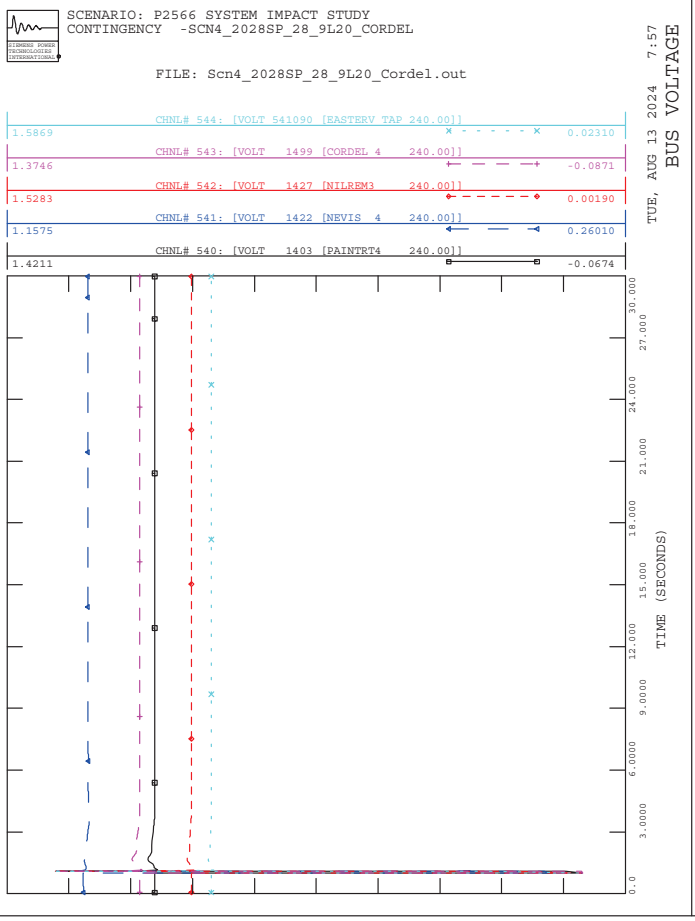
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5918 0.00510

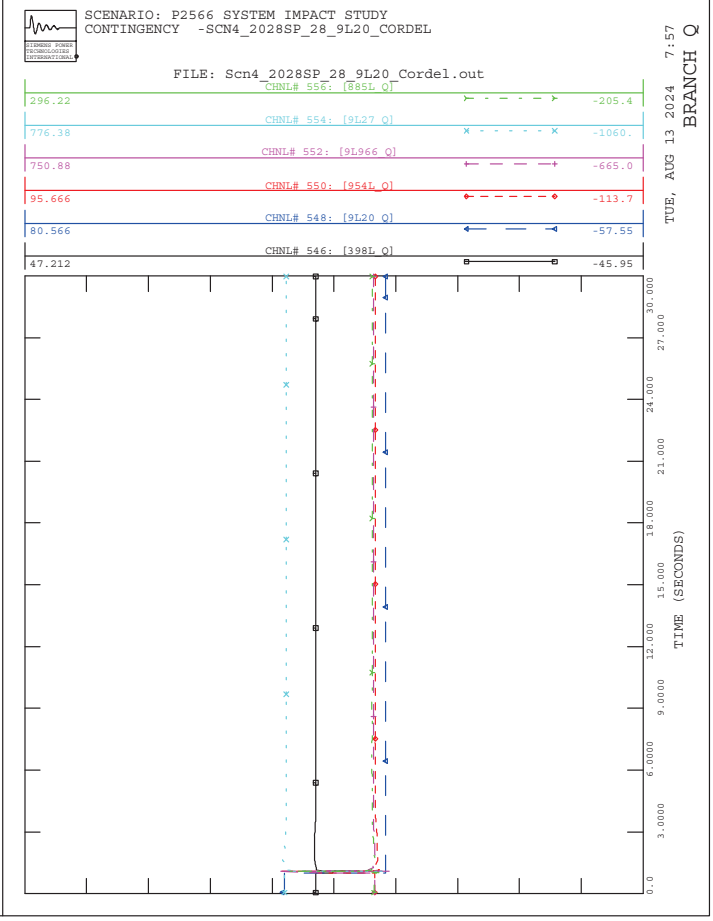
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5821 0.00680

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_28_9L20_CORDEL
FILE: Scn4_2028SP_28_9L20_Cordel.out
CHNL# 555: [885L P]
469.73
-325.1
CHNL# 553: [9L27 P]
400.33
-561.7
CHNL# 551: [9L966 P]
997.54
-688.1
CHNL# 549: [954L P]
210.58
-146.9
CHNL# 547: [9L20 P]
689.71
-965.6
CHNL# 545: [398L P]
43.826
-42.69
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_28_9L20_CORDEL
FILE: Scn4_2028SP_28_9L20_Cordel.out
CHNL# 565: [715L P]
109.80
-76.72
CHNL# 571: [679L P]
100.96
-39.55
CHNL# 563: [680L P]
100.96
-39.55
CHNL# 561: [948L P]
75.045
-56.80
CHNL# 559: [7L224 P]
48.725
-166.7
CHNL# 557: [748L P]
37.904
-70.97
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_28_9L20_CORDEL
FILE: Scn4_2028SP_28_9L20_Cordel.out
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.5869
0.02310
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3746
-0.0871
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.5283
0.00190
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.1575
0.26010
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.4211
-0.0674
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_28_9L20_CORDEL
FILE: Scn4_2028SP_28_9L20_Cordel.out
CHNL# 556: [885L Q]
296.22
-205.4
CHNL# 554: [9L27 Q]
776.38
-1060.
CHNL# 552: [9L966 Q]
750.88
-665.0
CHNL# 550: [954L Q]
95.666
-113.7
CHNL# 548: [9L20 Q]
80.566
-57.55
CHNL# 546: [398L Q]
47.212
-45.95
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_28_9L20_CORDEL

FILE: Scn4_2028SP_28_9L20_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P]
421.93 -148.2
CHNL# 575: [9L59_P]
149.51 -220.7
CHNL# 573: [953L_P]
201.72 -62.02
CHNL# 569: [1047L_P]
116.61 -369.5
CHNL# 567: [749L_P]
111.82 -39.01

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_29_9L20_NEVIS

FILE: Scn4_2028SP_29_9L20_Nevis.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
28.860 -80.38
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000 -50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
31.145 -73.78
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
27.937 -76.77

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_28_9L20_CORDEL

FILE: Scn4_2028SP_28_9L20_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 566: [715L_Q]
51.084 -44.75
CHNL# 572: [679L_Q]
39.027 -62.83
CHNL# 564: [680L_Q]
39.027 -62.83
CHNL# 562: [948L_Q]
359.91 -193.5
CHNL# 560: [7L224_Q]
36.259 -135.5
CHNL# 558: [748L_Q]
47.696 -43.27

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_28_9L20_CORDEL

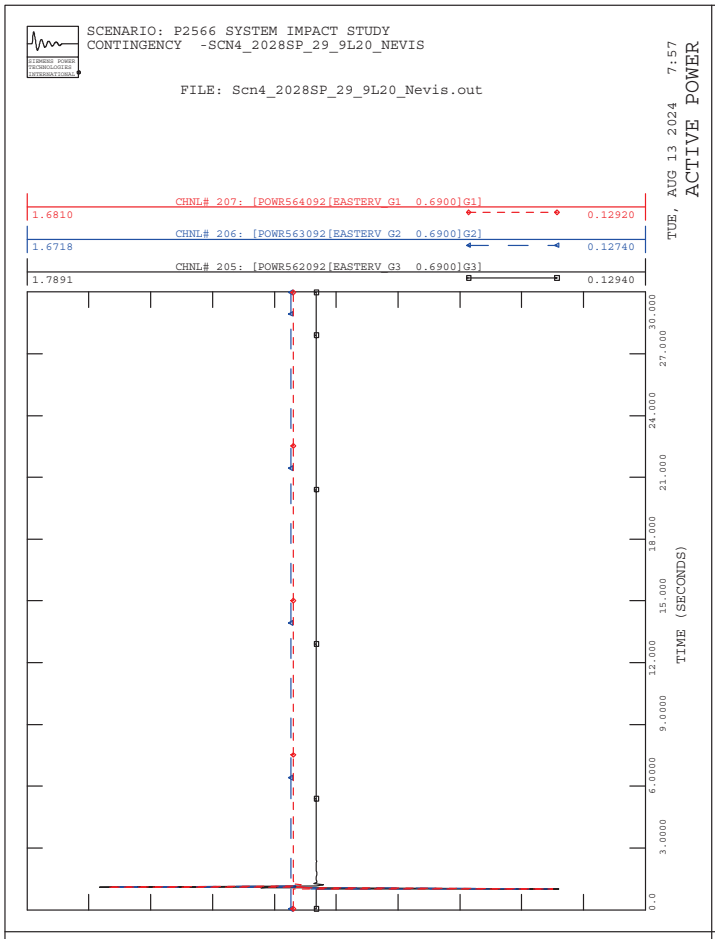
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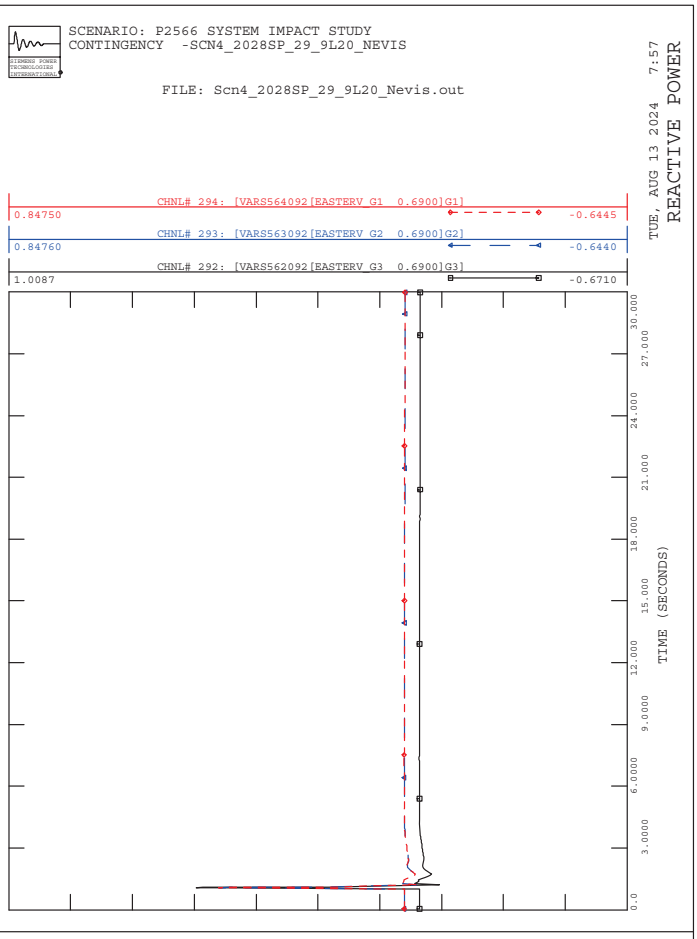
TUE, AUG 13 2024 7:57

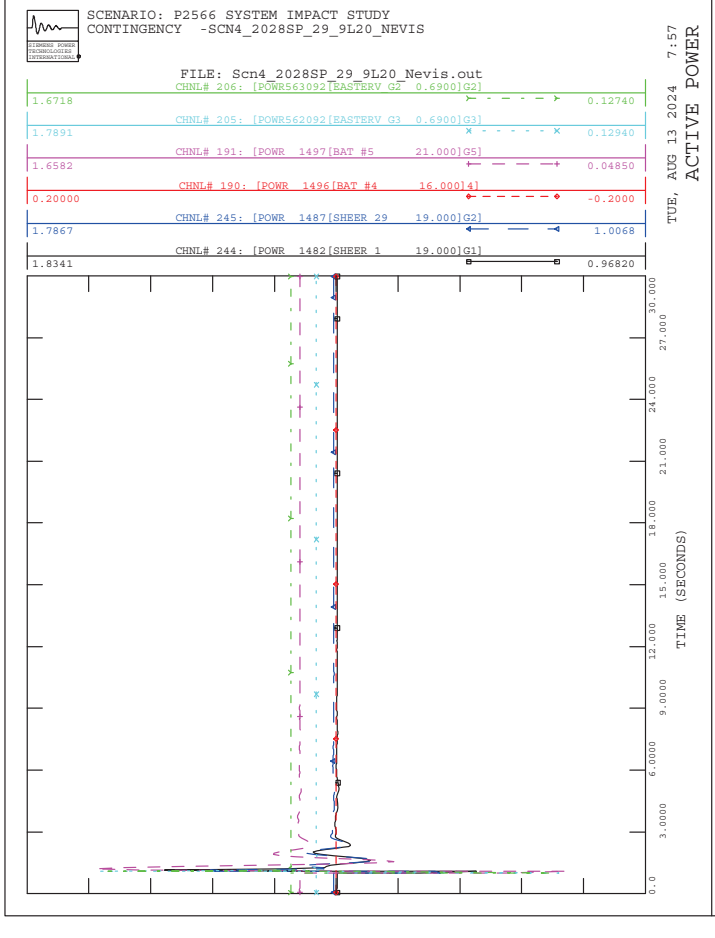
BRANCH Q

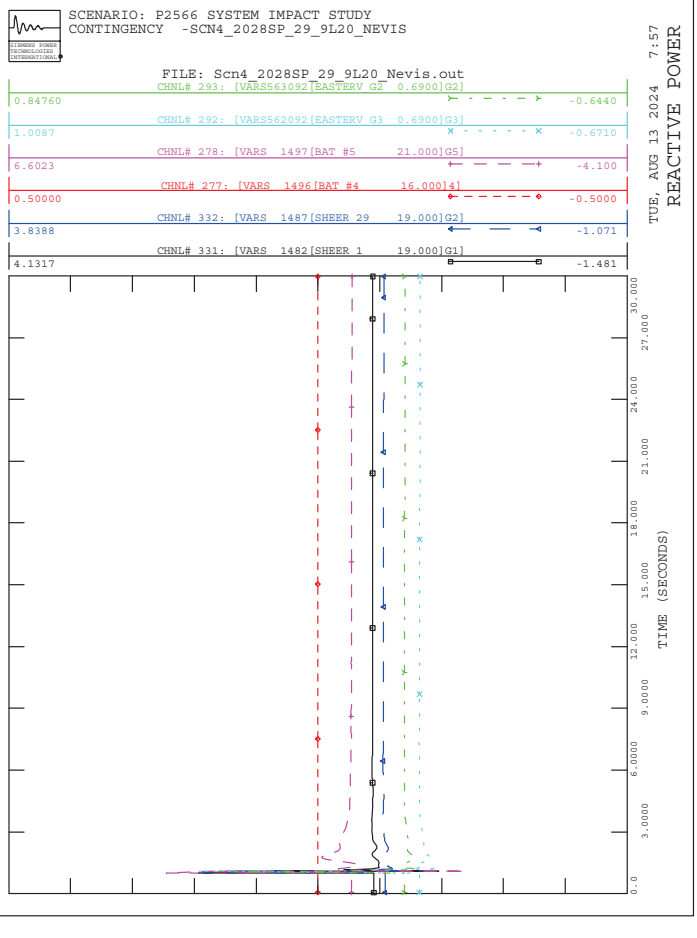
CHNL# 578: [9L16_Q]
433.56 -191.3
CHNL# 576: [9L59_Q]
778.96 -318.4
CHNL# 574: [953L_Q]
549.01 -223.9
CHNL# 570: [1047L_Q]
287.18 -570.7
CHNL# 568: [749L_Q]
45.612 -64.81

TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_29_9L20_NEVIS
FILE: Scn4_2028SP_29_9L20_Nevis.out
TUE, AUG 13 2024 7:57
ACTIVE POWER
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.6810
0.12920
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.6718
0.12740
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.7891
0.12940
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_29_9L20_NEVIS
FILE: Scn4_2028SP_29_9L20_Nevis.out
TUE, AUG 13 2024 7:57
REACTIVE POWER
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
0.84750
-0.6445
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.84760
-0.6440
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.0087
-0.6710
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_29_9L20_NEVIS
FILE: Scn4_2028SP_29_9L20_Nevis.out
TUE, AUG 13 2024 7:57
ACTIVE POWER
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.6718
0.12740
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.7891
0.12940
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.6582
0.04850
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000
-0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
1.7867
1.0068
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
1.8341
0.96820
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_29_9L20_NEVIS
FILE: Scn4_2028SP_29_9L20_Nevis.out
TUE, AUG 13 2024 7:57
REACTIVE POWER
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.84760
-0.6440
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.0087
-0.6710
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
6.6023
-4.100
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000
-0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
3.8388
-1.071
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
4.1317
-1.481
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_29_9L20_NEVIS

FILE: Scn4_2028SP_29_9L20_Nevis.out

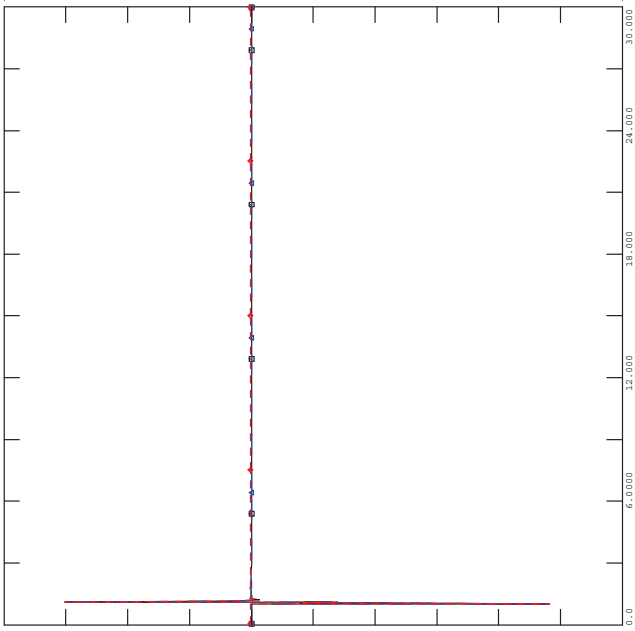
TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.4343 0.40740

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4348 0.40640

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4310 0.40770



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_29_9L20_NEVIS

FILE: Scn4_2028SP_29_9L20_Nevis.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

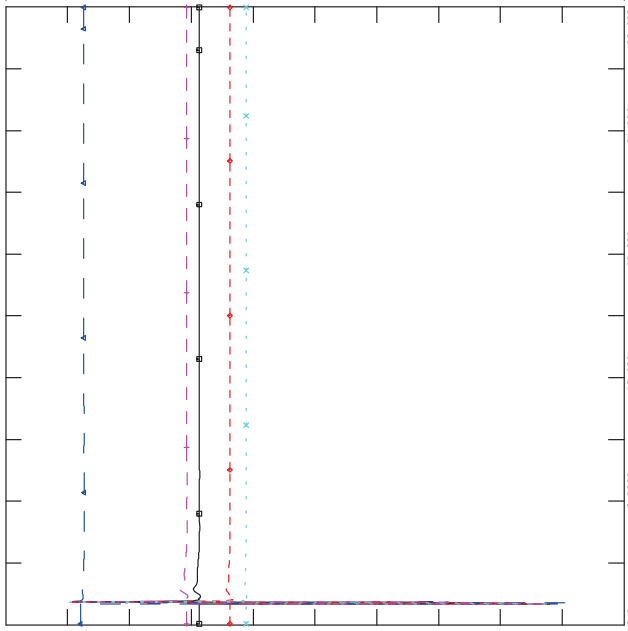
CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.4716 0.43910

CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3379 0.39310

CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4384 0.43230

CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.1899 0.00380

CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3694 0.39950



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_29_9L20_NEVIS

FILE: Scn4_2028SP_29_9L20_Nevis.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4348 0.40640

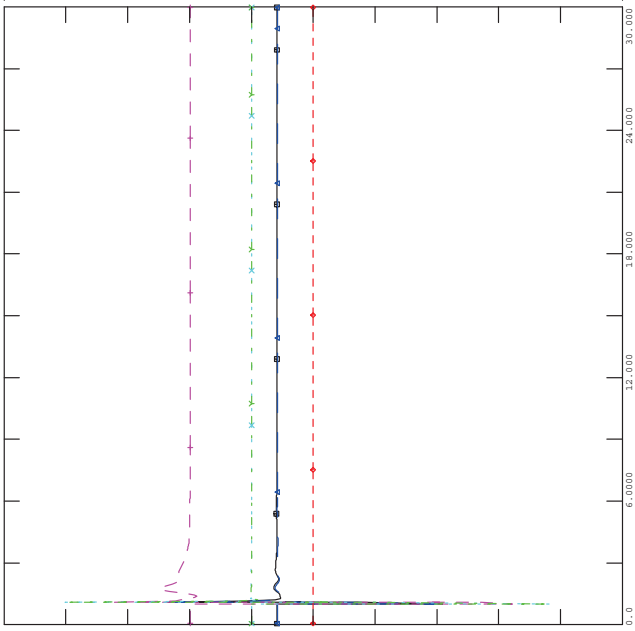
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4310 0.40770

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2245 0.61170

CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2045 0.74200

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1955 0.75210



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_29_9L20_NEVIS

FILE: Scn4_2028SP_29_9L20_Nevis.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TF 138.00]]
1.4194 0.45100

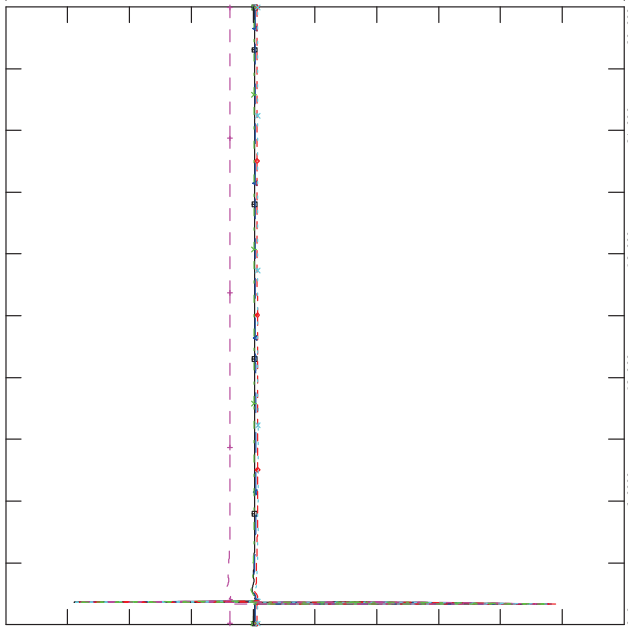
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4955 0.45180

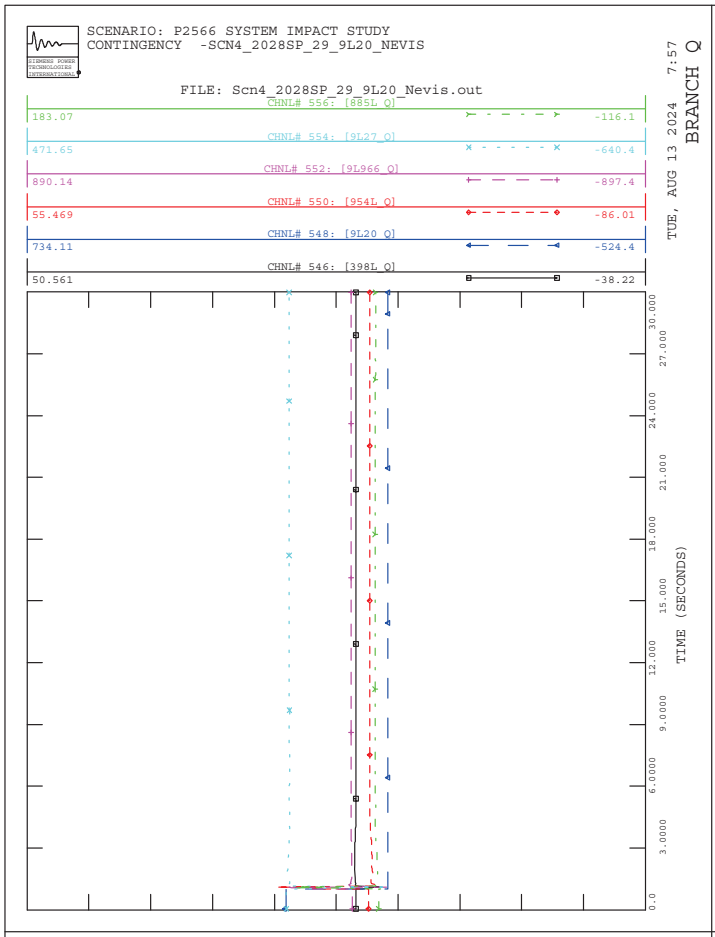
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3769 0.41720

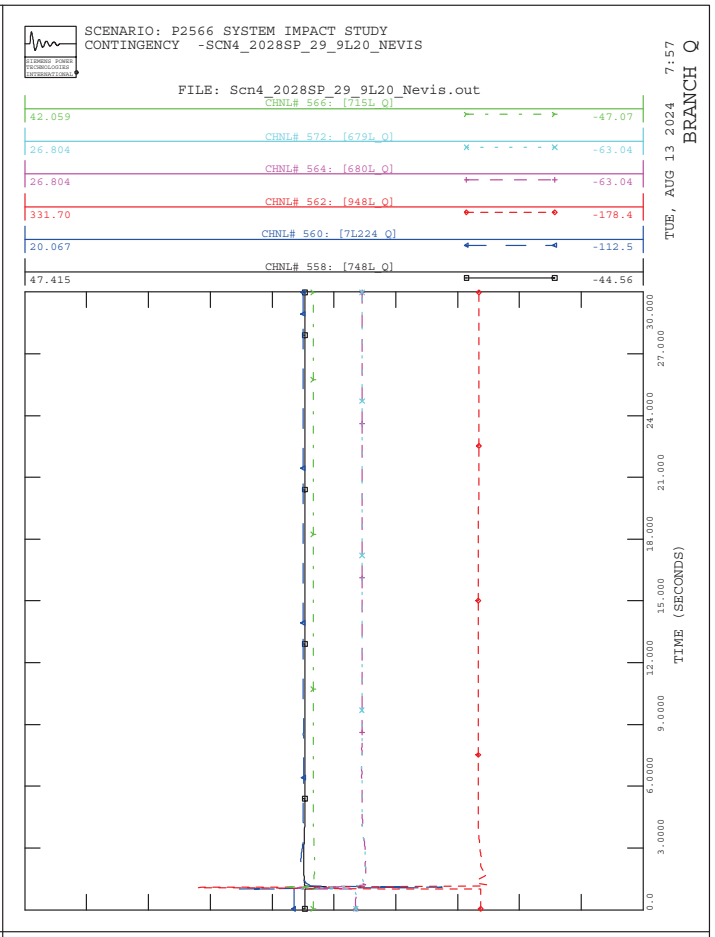
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4227 0.45200

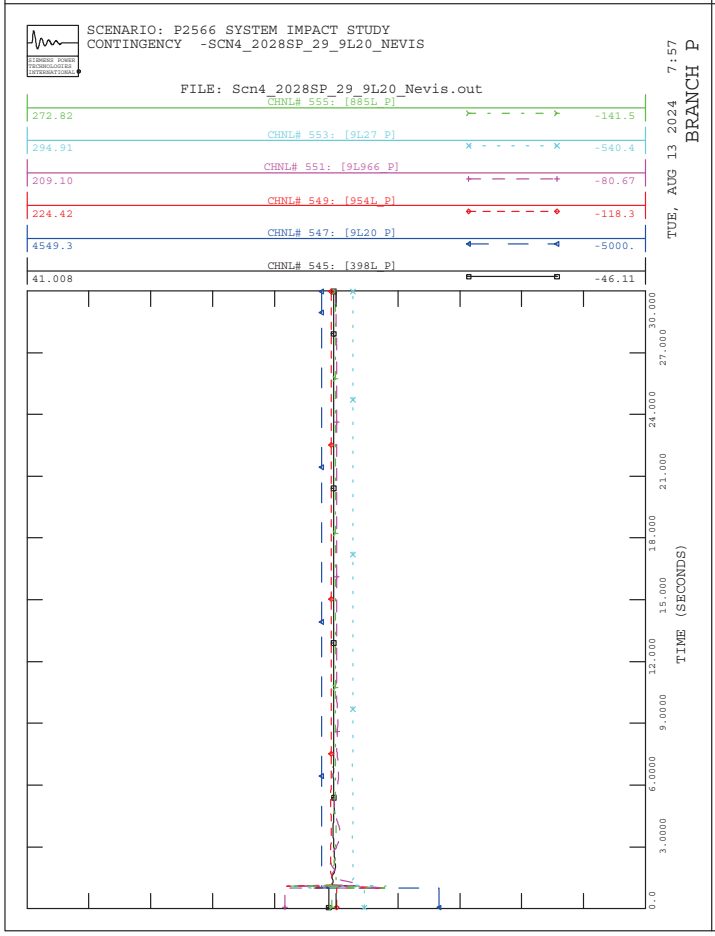
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4191 0.44960

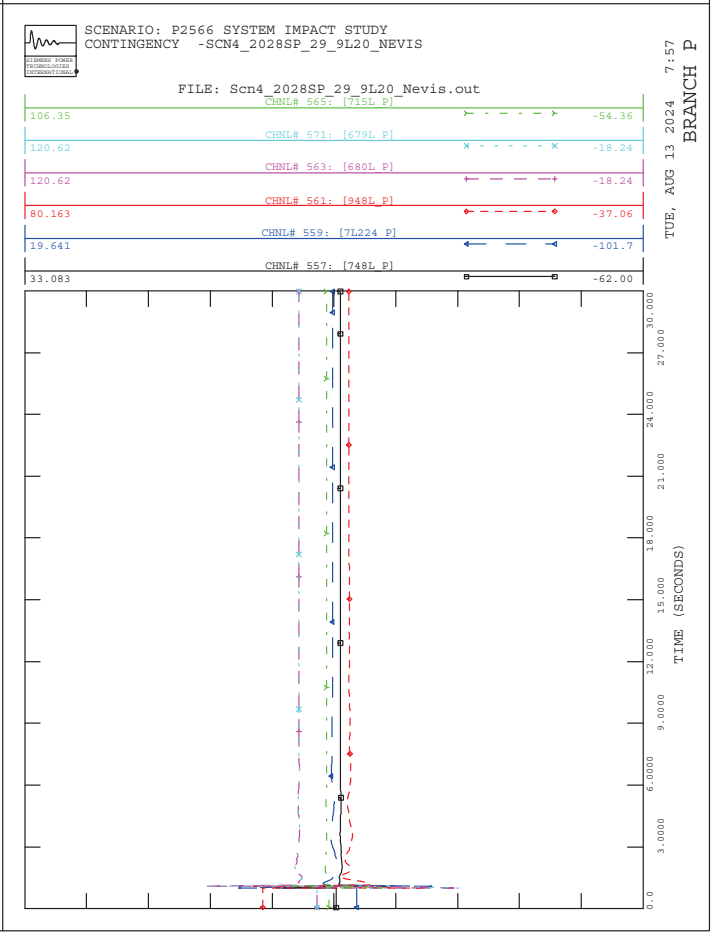
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4282 0.44150

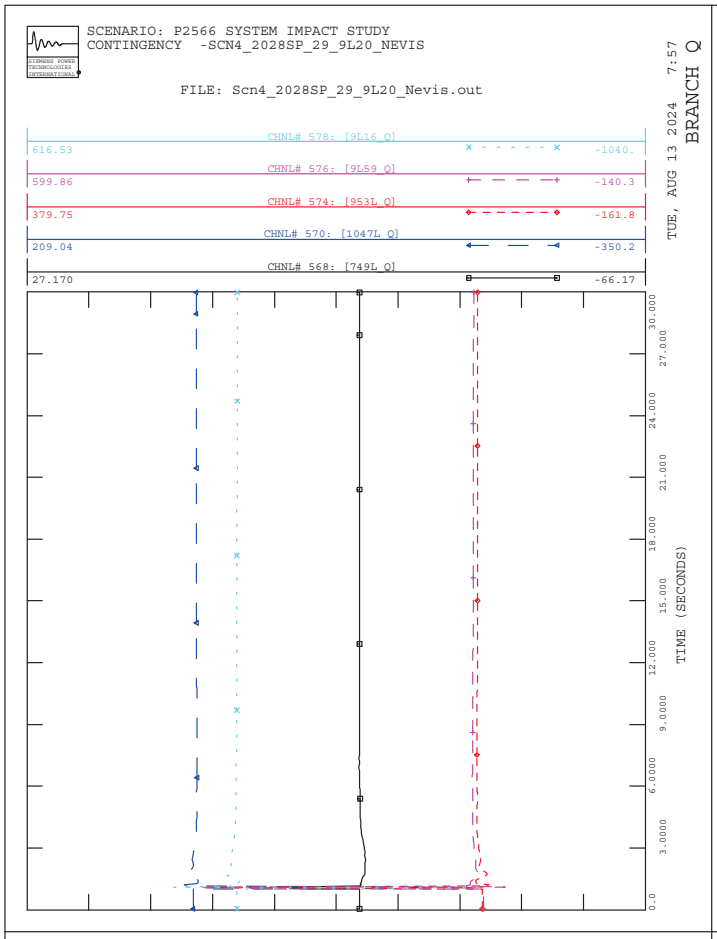


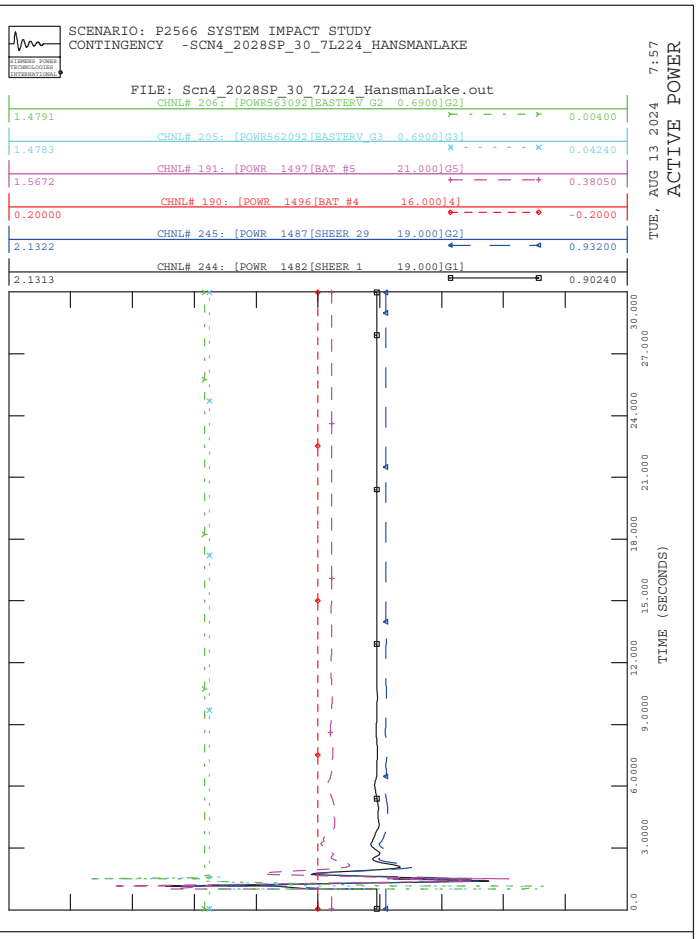

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_29_9L20_NEVIS
FILE: Scn4_2028SP_29_9L20_Nevis.out
CHNL# 556: [885L Q]
183.07
-116.1
CHNL# 554: [9L27 Q]
471.65
-640.4
CHNL# 552: [9L966 Q]
890.14
-897.4
CHNL# 550: [954L Q]
55.469
-86.01
CHNL# 548: [9L20 Q]
734.11
-524.4
CHNL# 546: [398L Q]
50.561
-38.22
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
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3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

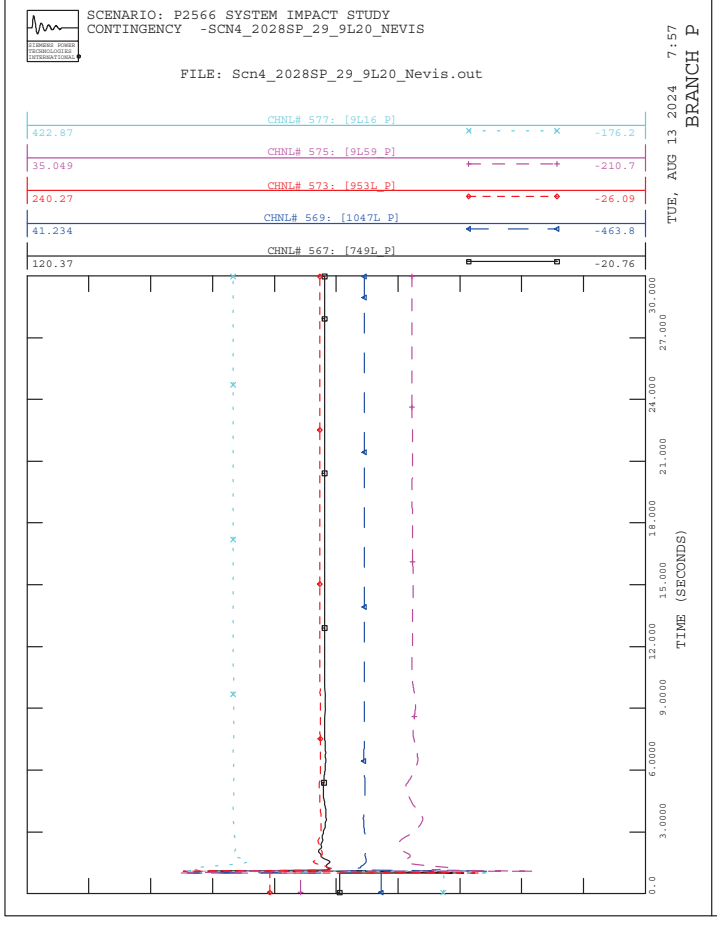

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_29_9L20_NEVIS
FILE: Scn4_2028SP_29_9L20_Nevis.out
CHNL# 566: [715L Q]
42.059
-47.07
CHNL# 572: [679L Q]
26.804
-63.04
CHNL# 564: [680L Q]
26.804
-63.04
CHNL# 562: [948L Q]
331.70
-178.4
CHNL# 560: [7L224 Q]
20.067
-112.5
CHNL# 558: [748L Q]
47.415
-44.56
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
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6.0000
9.0000
12.000
15.000
18.000
21.000
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30.000

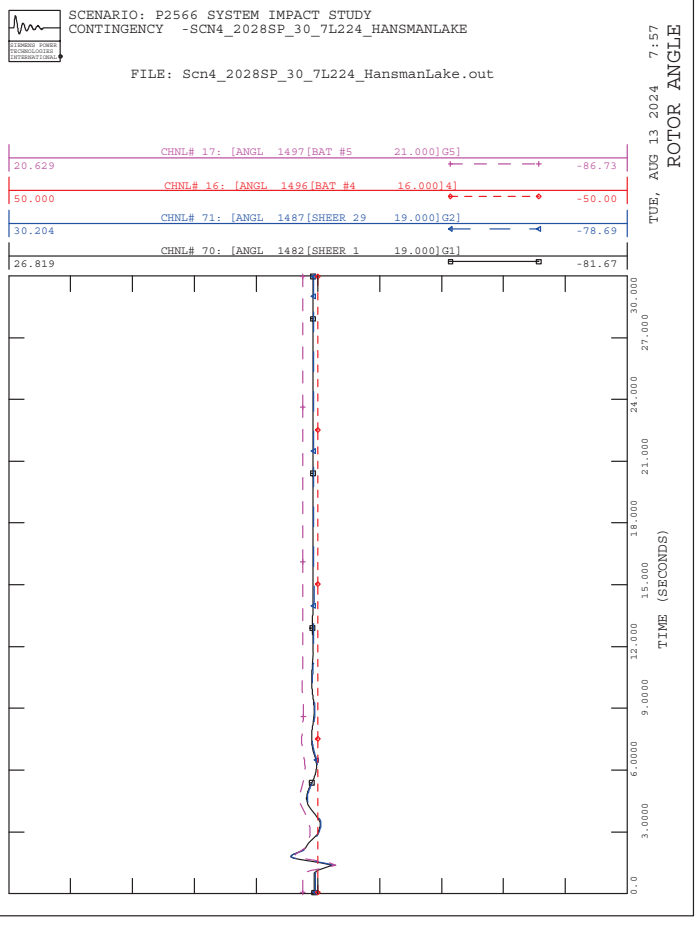

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_29_9L20_NEVIS
FILE: Scn4_2028SP_29_9L20_Nevis.out
CHNL# 555: [885L P]
272.82
-141.5
CHNL# 553: [9L27 P]
294.91
-540.4
CHNL# 551: [9L966 P]
209.10
-80.67
CHNL# 549: [954L P]
224.42
-118.3
CHNL# 547: [9L20 P]
4549.3
-5000.
CHNL# 545: [398L P]
41.008
-46.11
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

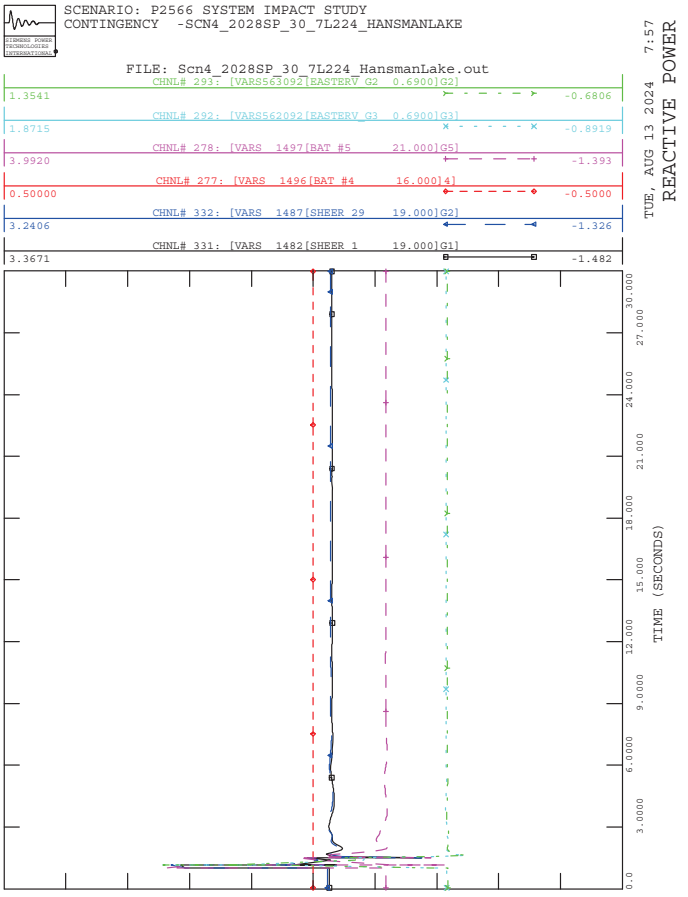

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_29_9L20_NEVIS
FILE: Scn4_2028SP_29_9L20_Nevis.out
CHNL# 565: [715L P]
106.35
-54.36
CHNL# 571: [679L P]
120.62
-18.24
CHNL# 563: [680L P]
120.62
-18.24
CHNL# 561: [948L P]
80.163
-37.06
CHNL# 559: [7L224 P]
19.641
-101.7
CHNL# 557: [748L P]
33.083
-62.00
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

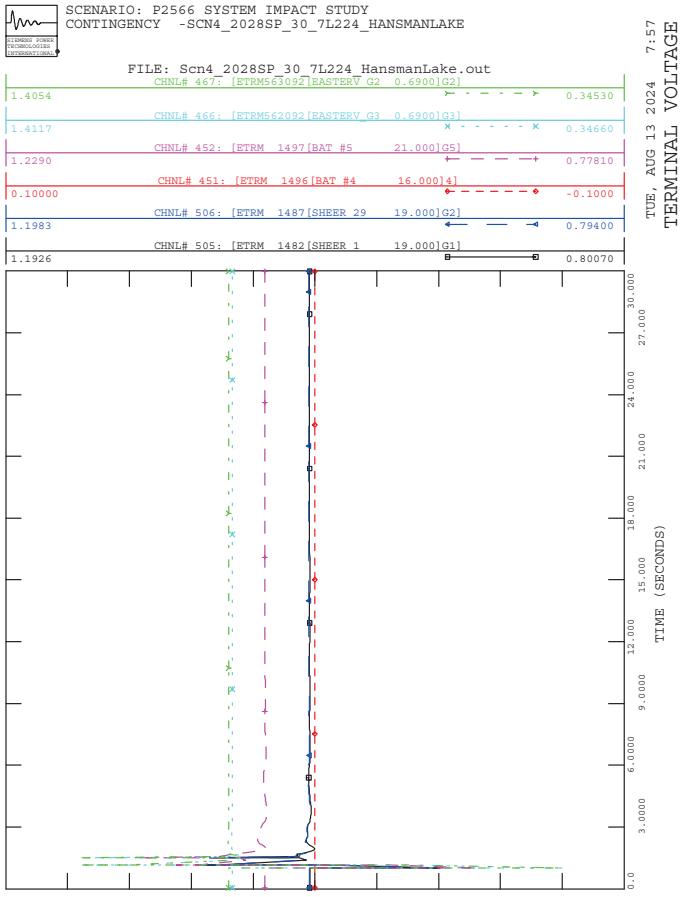

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_29_9L20_NEVIS
FILE: Scn4_2028SP_29_9L20_Nevis.out
CHNL# 578: [9L16_Q]
616.53
-1040.
CHNL# 576: [9L59_Q]
599.86
-140.3
CHNL# 574: [953L_Q]
379.75
-161.8
CHNL# 570: [1047L_Q]
209.04
-350.2
CHNL# 568: [749L_Q]
27.170
-66.17
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
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30.000

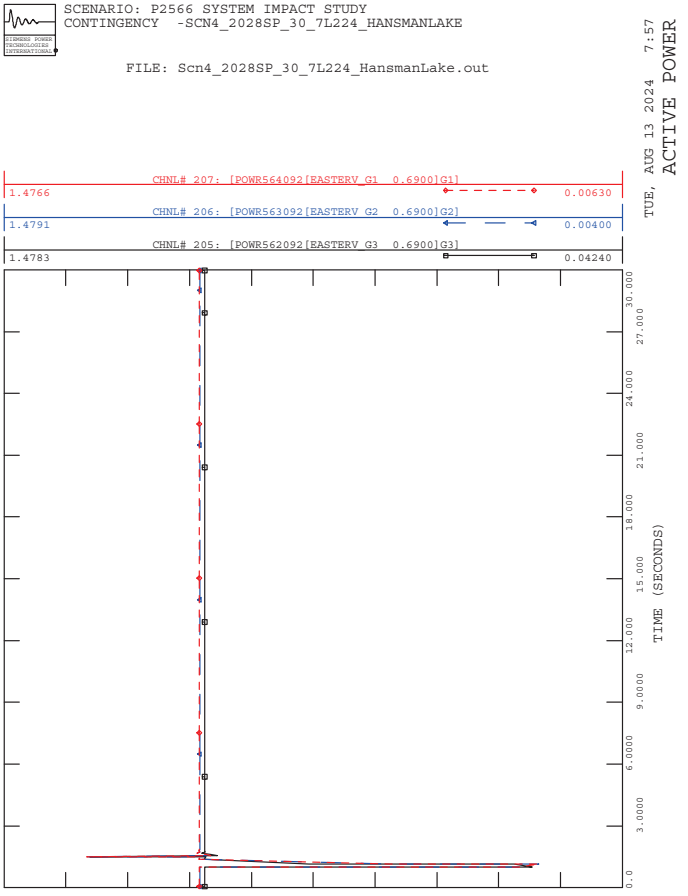

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_30_7L224_HANSMANLAKE
FILE: Scn4_2028SP_30_7L224_HansmanLake.out
CHNL# 206: [POWRS63092[EASTERV_G2 0.6900]G2]
1.4791
0.00400
CHNL# 205: [POWRS62092[EASTERV_G3 0.6900]G3]
1.4783
0.04240
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.5672
0.38050
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000
-0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
2.1322
0.93200
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
2.1313
0.90240
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

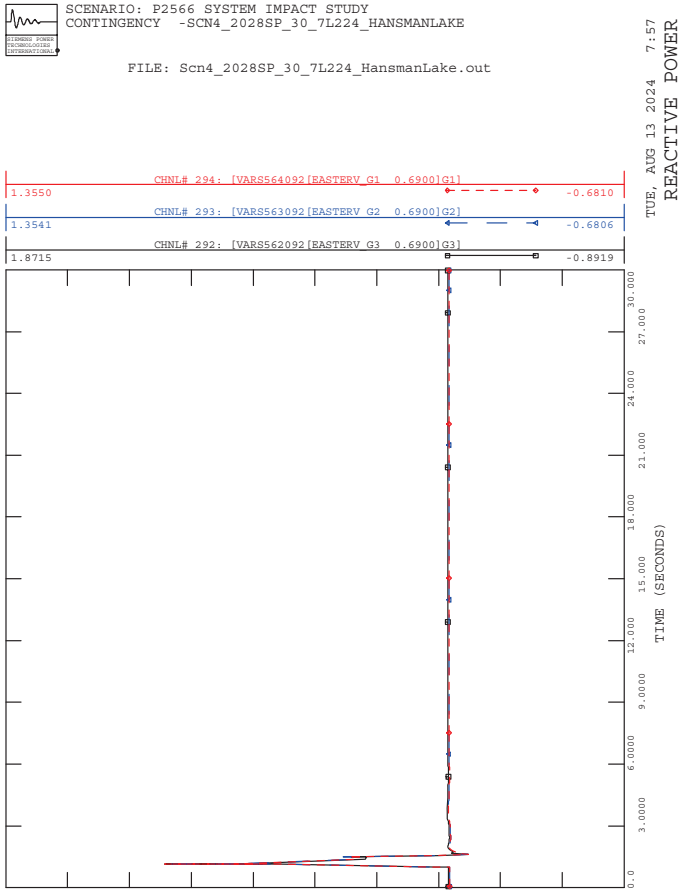

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_29_9L20_NEVIS
FILE: Scn4_2028SP_29_9L20_Nevis.out
CHNL# 577: [9L16_P]
422.87
-176.2
CHNL# 575: [9L59_P]
35.049
-210.7
CHNL# 573: [953L_P]
240.27
-26.09
CHNL# 569: [1047L_P]
41.234
-463.8
CHNL# 567: [749L_P]
120.37
-20.76
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_30_7L224_HANSMANLAKE
FILE: Scn4_2028SP_30_7L224_HansmanLake.out
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
20.629
-86.73
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000
-50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
30.204
-78.69
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
26.819
-81.67
TUE, AUG 13 2024 7:57
ROTOR ANGLE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_30_7L224_HANSMANLAKE
FILE: Scn4_2028SP_30_7L224_HansmanLake.out
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.3541 -0.6806
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.8715 -0.8919
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
3.9920 -1.393
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000 -0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
3.2406 -1.326
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
3.3671 -1.482
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
REACTIVE POWER


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_30_7L224_HANSMANLAKE
FILE: Scn4_2028SP_30_7L224_HansmanLake.out
CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.4054 0.34530
CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.4117 0.34660
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2290 0.77810
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1983 0.79400
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1926 0.80070
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_30_7L224_HANSMANLAKE
FILE: Scn4_2028SP_30_7L224_HansmanLake.out
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.4766 0.00630
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.4791 0.00400
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.4783 0.04240
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
ACTIVE POWER


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_30_7L224_HANSMANLAKE
FILE: Scn4_2028SP_30_7L224_HansmanLake.out
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.3550 -0.6810
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.3541 -0.6806
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.8715 -0.8919
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
REACTIVE POWER

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_30_7L224_HANSMANLAKE

FILE: Scn4_2028SP_30_7L224_HansmanLake.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.3232 0.11380
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4022 0.30930
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3059 0.41350
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.3199 0.10540
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.3199 0.10840
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.3291 0.07450

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_30_7L224_HANSMANLAKE

FILE: Scn4_2028SP_30_7L224_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
421.36 -425.0
CHNL# 553: [9L27 P]
428.19 -650.2
CHNL# 551: [9L966 P]
566.40 -369.2
CHNL# 549: [954L P]
240.84 -122.7
CHNL# 547: [9L20 P]
326.68 -756.4
CHNL# 545: [398L P]
47.992 -41.78

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_30_7L224_HANSMANLAKE

FILE: Scn4_2028SP_30_7L224_HansmanLake.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.4080 0.34630
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4054 0.34530
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4117 0.34660

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_30_7L224_HANSMANLAKE

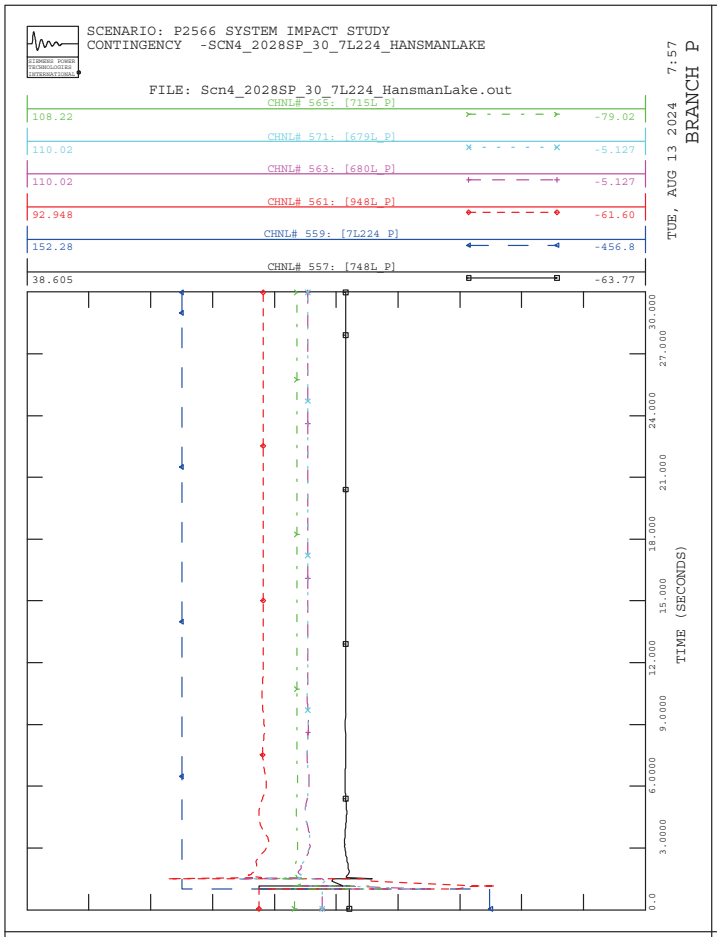
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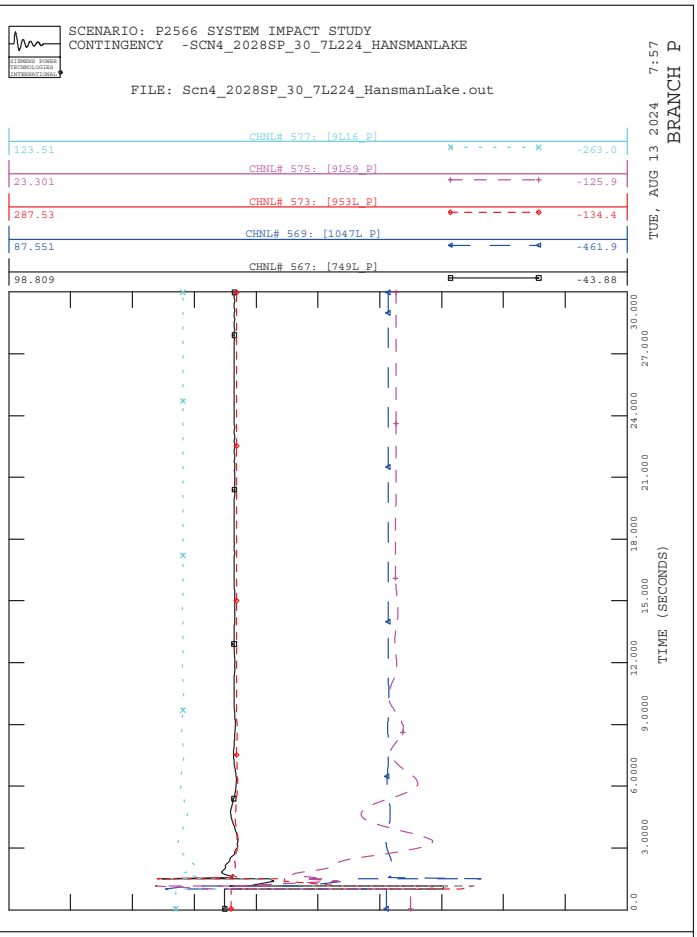
TUE, AUG 13 2024 7:57

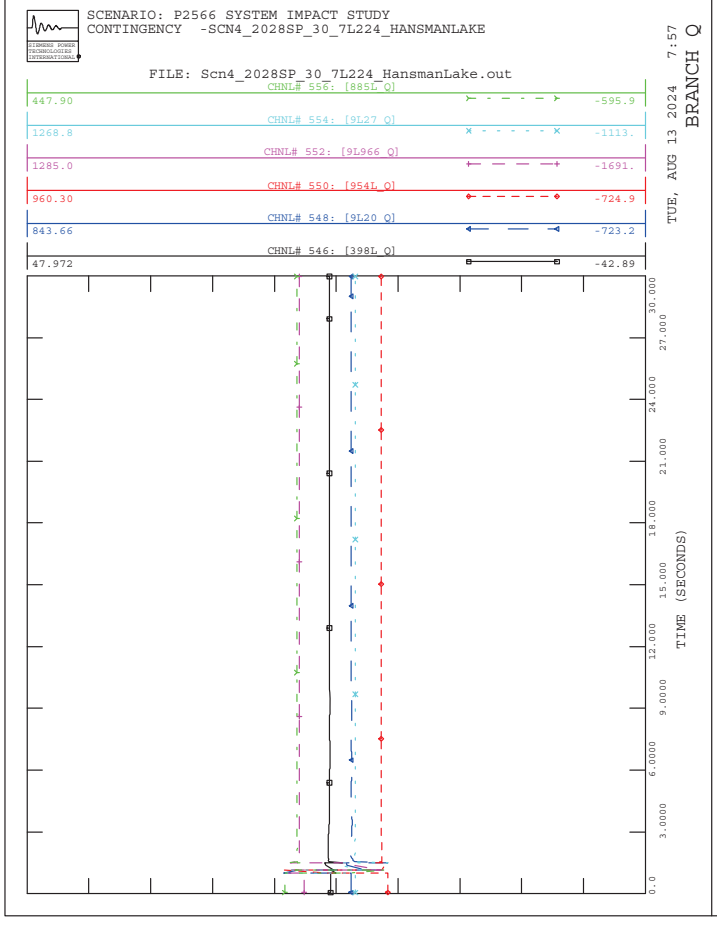
BUS VOLTAGE

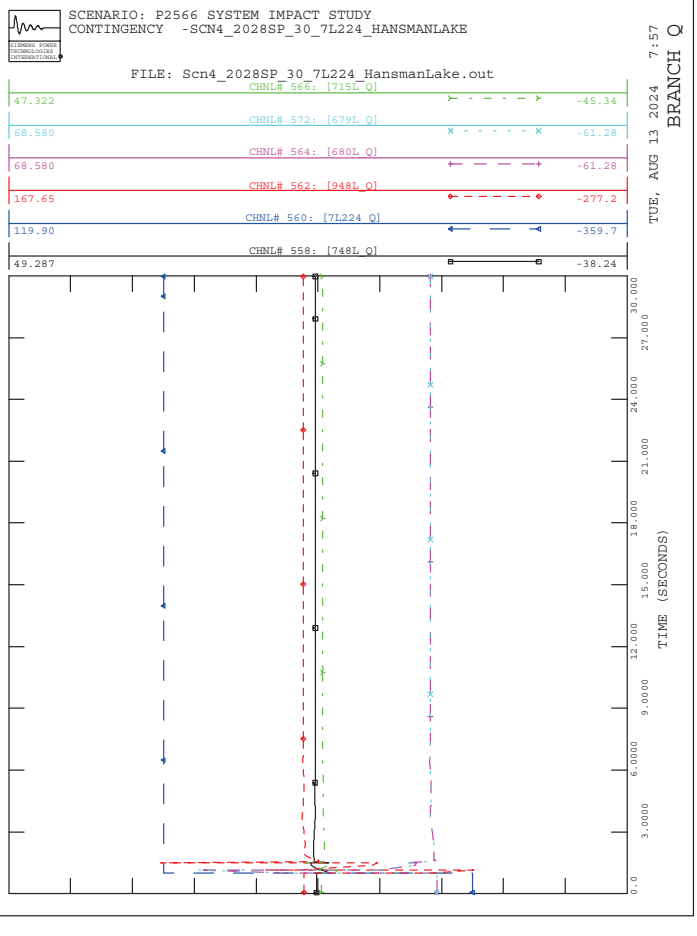
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.3929 0.37550
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2813 0.68440
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3651 0.45350
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2318 0.76400
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3057 0.61970

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_30_7L224_HANSMANLAKE
FILE: Scn4_2028SP_30_7L224_HansmanLake.out
CHNL# 565: [715L_P]
108.22
-79.02
CHNL# 571: [679L_P]
110.02
-5.127
CHNL# 563: [680L_P]
110.02
-5.127
CHNL# 561: [948L_P]
92.948
-61.60
CHNL# 559: [7L224_P]
152.28
-456.8
CHNL# 557: [748L_P]
38.605
-63.77
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_30_7L224_HANSMANLAKE
FILE: Scn4_2028SP_30_7L224_HansmanLake.out
CHNL# 577: [9L16_P]
123.51
-263.0
CHNL# 575: [9L59_P]
23.301
-125.9
CHNL# 573: [953L_P]
287.53
-134.4
CHNL# 569: [1047L_P]
87.551
-461.9
CHNL# 567: [749L_P]
98.809
-43.88
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_30_7L224_HANSMANLAKE
FILE: Scn4_2028SP_30_7L224_HansmanLake.out
CHNL# 556: [885L_Q]
447.90
-595.9
CHNL# 554: [9L27_Q]
1268.8
-1113.
CHNL# 552: [9L966_Q]
1285.0
-1691.
CHNL# 550: [954L_Q]
960.30
-724.9
CHNL# 548: [9L20_Q]
843.66
-723.2
CHNL# 546: [398L_Q]
47.972
-42.89
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
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3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

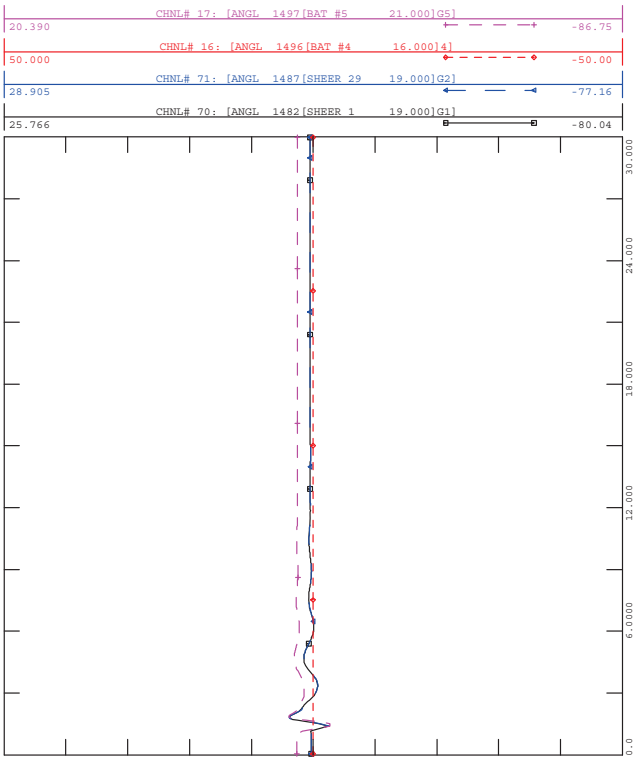

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_30_7L224_HANSMANLAKE
FILE: Scn4_2028SP_30_7L224_HansmanLake.out
CHNL# 566: [715L_Q]
47.322
-45.34
CHNL# 572: [679L_Q]
68.580
-61.28
CHNL# 564: [680L_Q]
68.580
-61.28
CHNL# 562: [948L_Q]
167.65
-277.2
CHNL# 560: [7L224_Q]
119.90
-359.7
CHNL# 558: [748L_Q]
49.287
-38.24
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_31_7L224_MONITOR

FILE: Scn4_2028SP_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

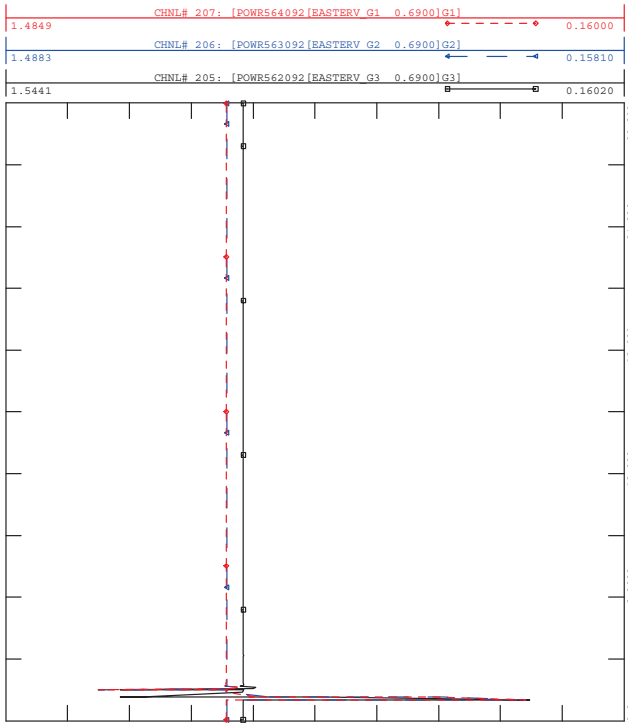


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_31_7L224_MONITOR

FILE: Scn4_2028SP_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

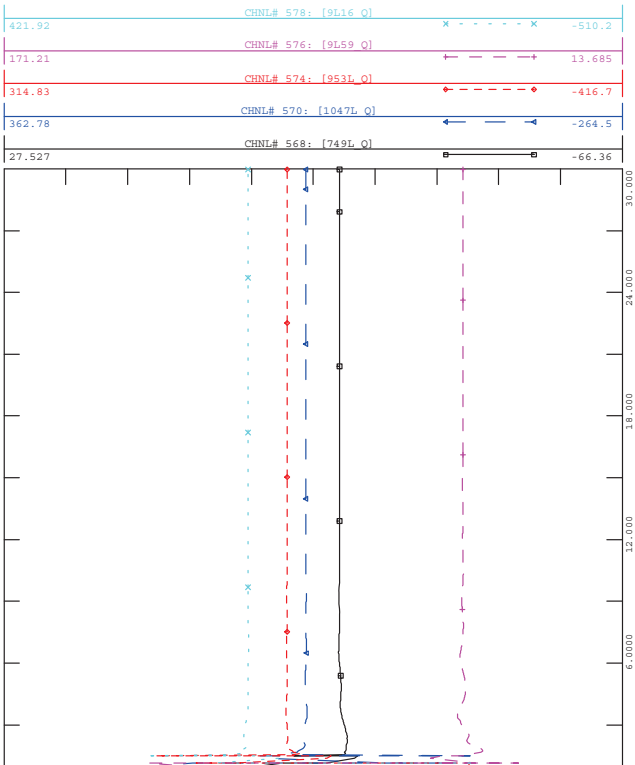


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_30_7L224_HANSMANLAKE

FILE: Scn4_2028SP_30_7L224_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

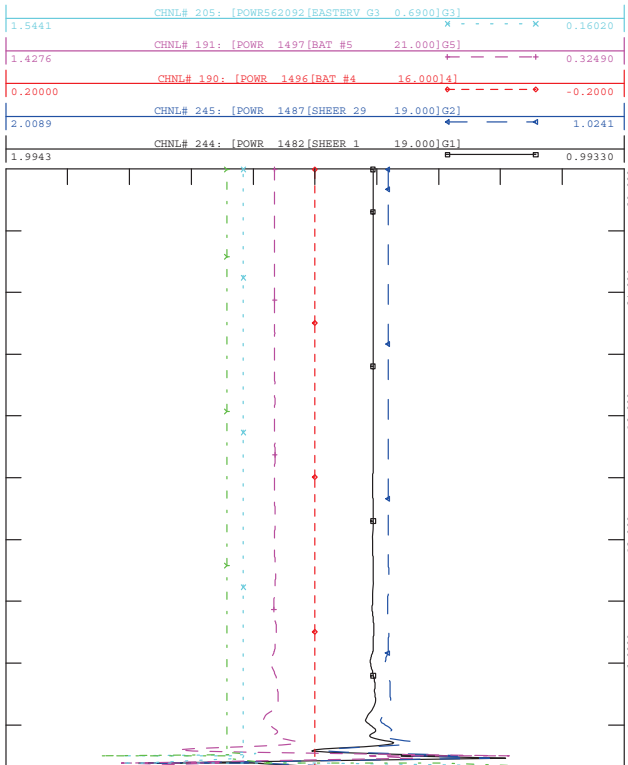


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_31_7L224_MONITOR

FILE: Scn4_2028SP_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

ACTIVE POWER



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_31_7L224_MONITOR

FILE: Scn4_2028SP_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

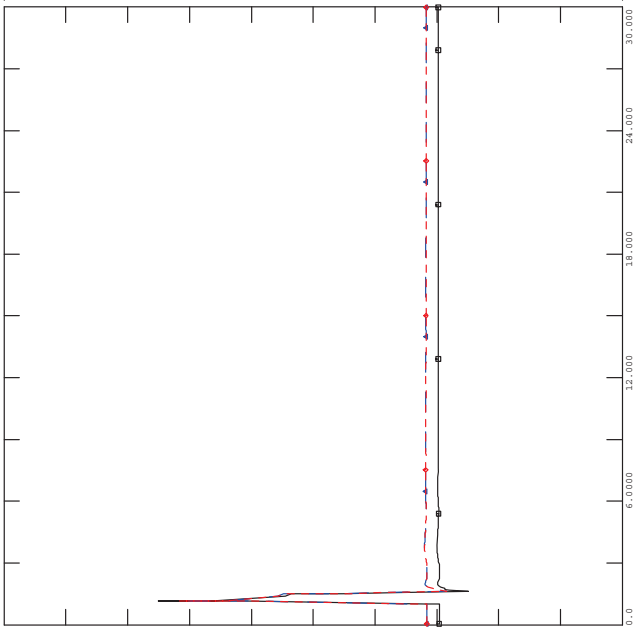
REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.0949 -0.6628

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.0948 -0.6630

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.3712 -0.7289

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_31_7L224_MONITOR

FILE: Scn4_2028SP_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

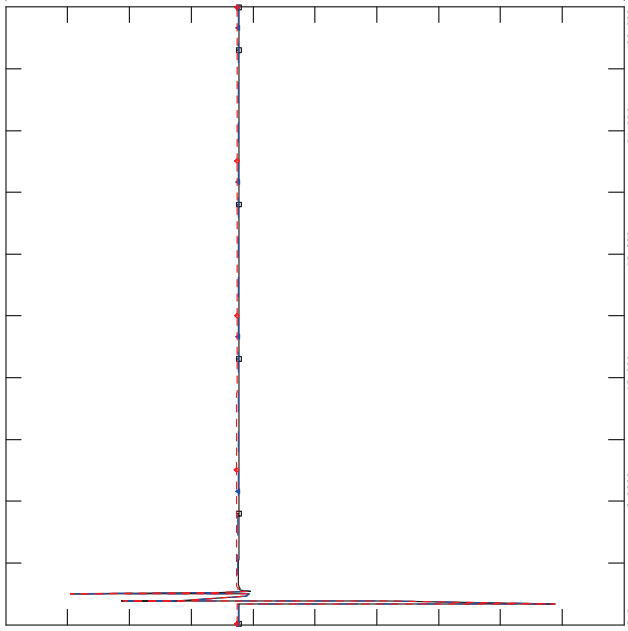
TERMINAL VOLTAGE

CHNL# 468: [ETRMS64092[EASTERV G1 0.6900]G1]
1.3820 0.42720

CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.3826 0.42610

CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.3813 0.42740

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_31_7L224_MONITOR

FILE: Scn4_2028SP_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.0948 -0.6630

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.3712 -0.7289

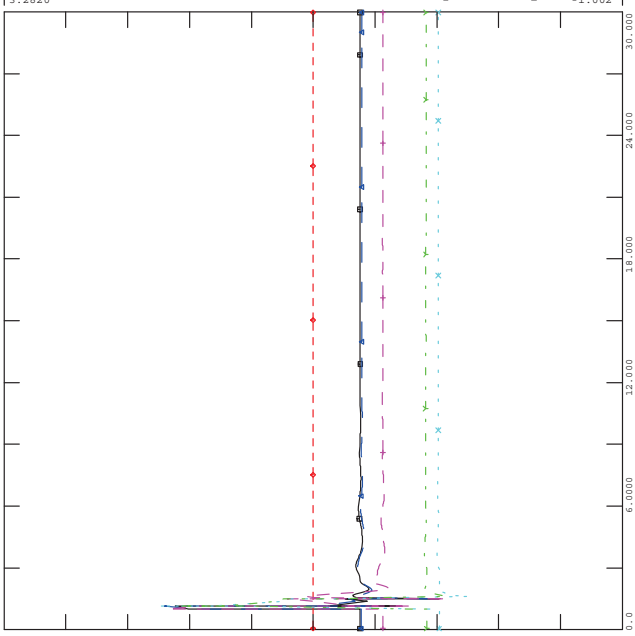
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
3.6645 -1.226

CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000 -0.5000

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
3.2017 -0.8641

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
3.2820 -1.002

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_31_7L224_MONITOR

FILE: Scn4_2028SP_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.3826 0.42610

CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.3813 0.42740

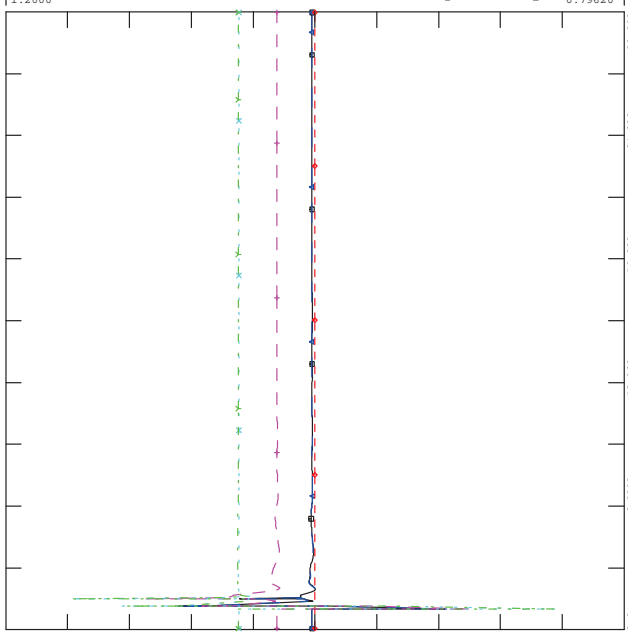
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2285 0.79860

CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2067 0.78920

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.2000 0.79620

TIME (SECONDS)



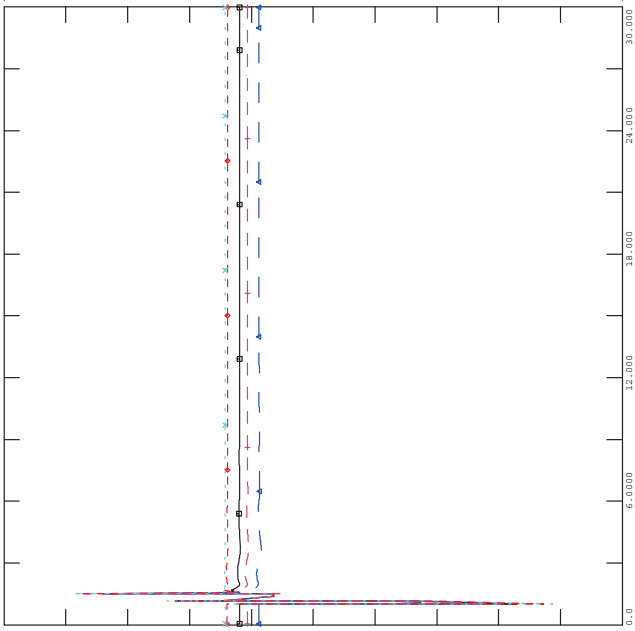
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_31_7L224_MONITOR

FILE: Scn4_2028SP_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.4094 0.45970
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2839 0.71910
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3780 0.53380
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2311 0.78410
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3124 0.66420



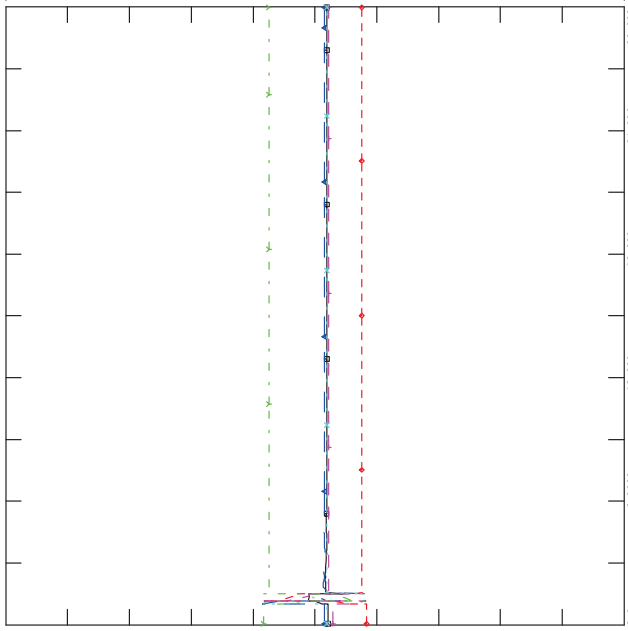
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_31_7L224_MONITOR

FILE: Scn4_2028SP_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L Q]
993.60 -1359.
CHNL# 554: [9L27 Q]
1235.9 -1135.
CHNL# 552: [9L966 Q]
1669.6 -1579.
CHNL# 550: [954L Q]
1302.3 -969.2
CHNL# 548: [9L20 Q]
789.23 -700.5
CHNL# 546: [398L Q]
52.959 -42.30



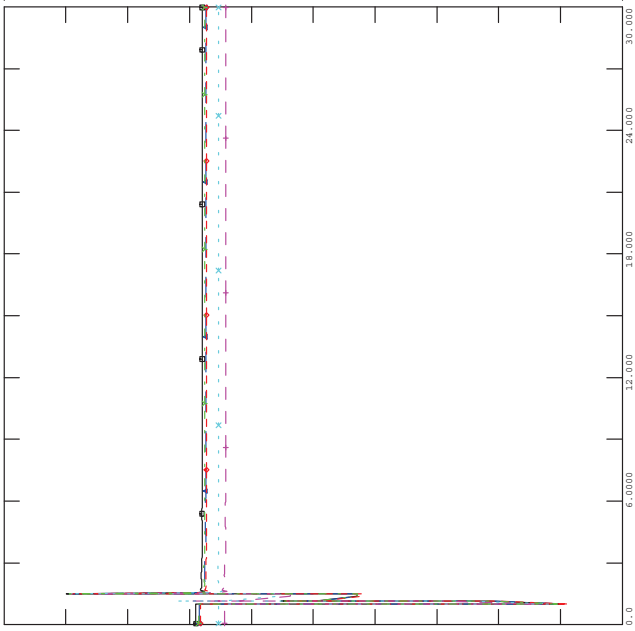
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_31_7L224_MONITOR

FILE: Scn4_2028SP_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.3483 0.34150
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4276 0.39730
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3186 0.50580
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.3504 0.33540
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.3474 0.33670
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.3529 0.31540



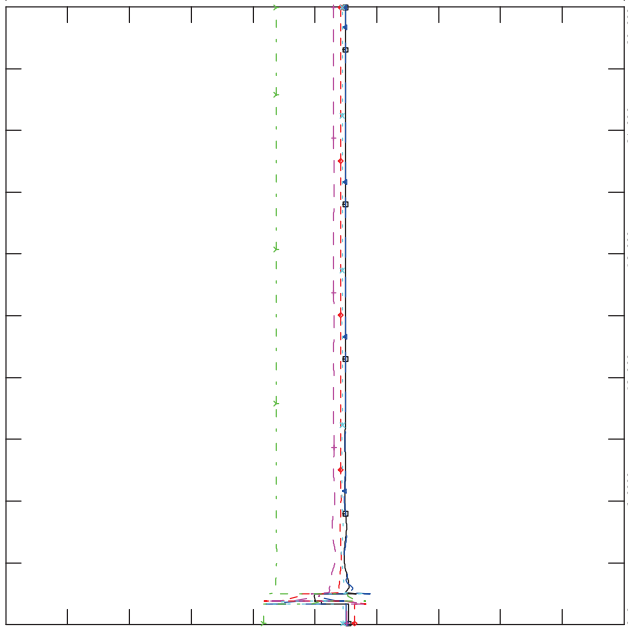
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CONTINGENCY -SCN4_2028SP_31_7L224_MONITOR

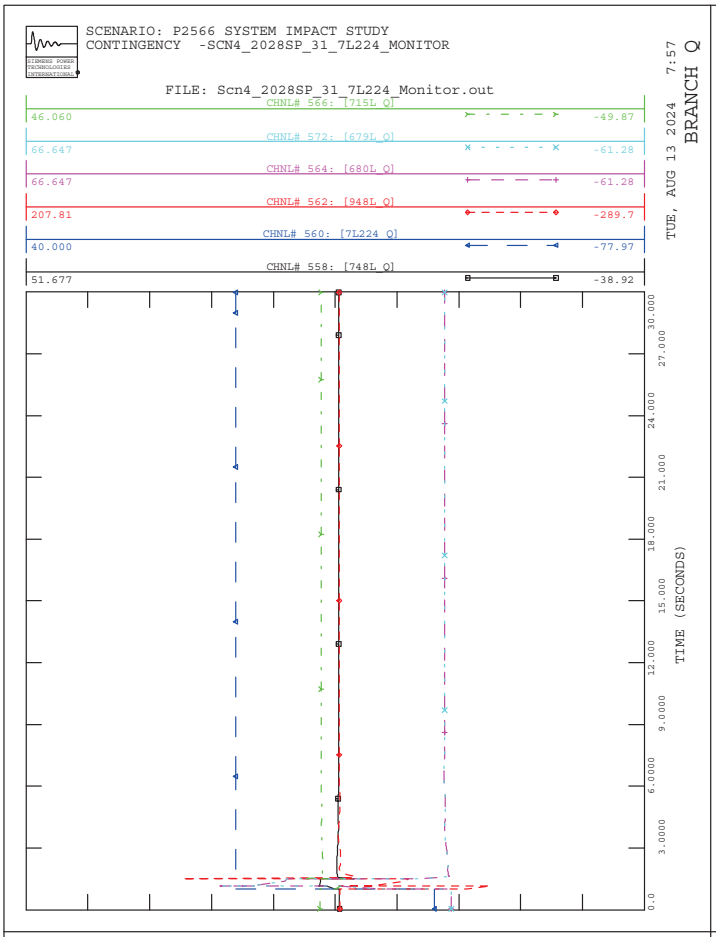
FILE: Scn4_2028SP_31_7L224_Monitor.out

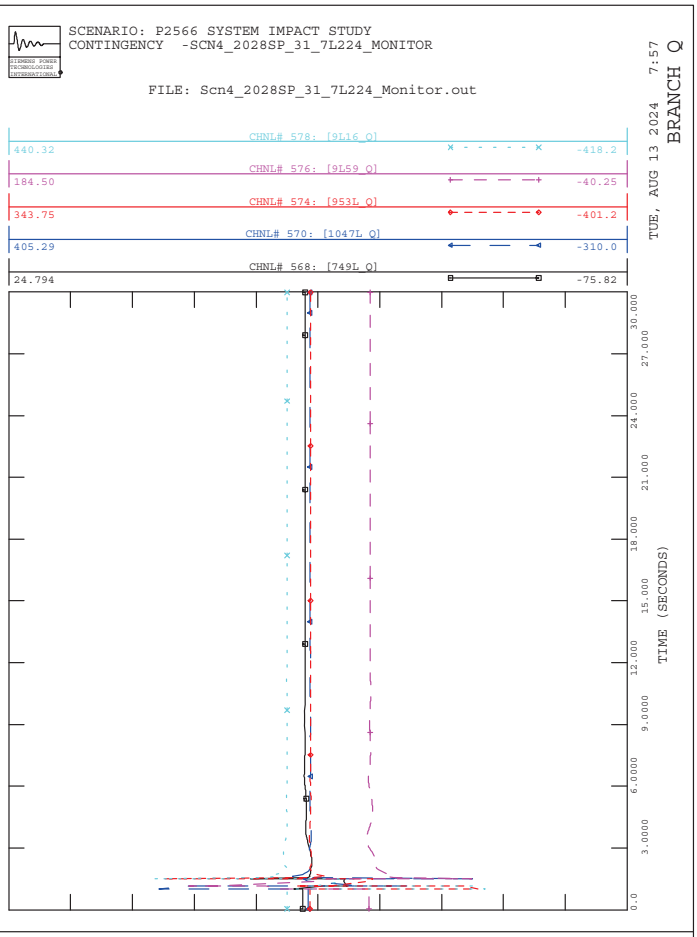
TUE, AUG 13 2024 7:57

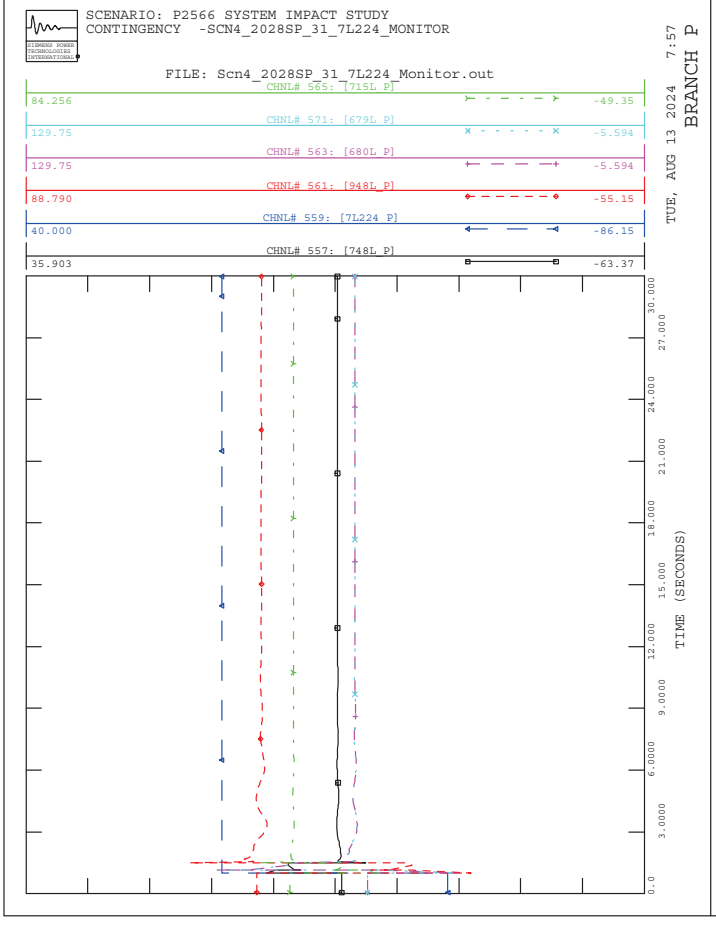
BRANCH P

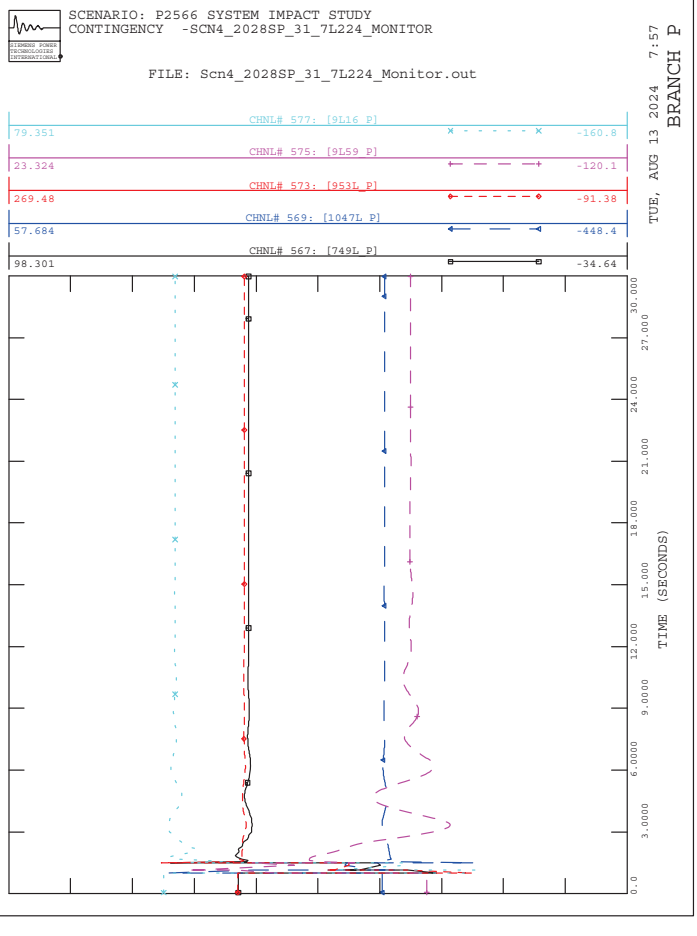
CHNL# 555: [885L P]
614.85 -695.9
CHNL# 553: [9L27 P]
368.56 -602.8
CHNL# 551: [9L966 P]
1007.8 -658.8
CHNL# 549: [954L P]
491.99 -286.6
CHNL# 547: [9L20 P]
253.71 -701.8
CHNL# 545: [398L P]
48.758 -41.82




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_31_7L224_MONITOR
FILE: Scn4_2028SP_31_7L224_Monitor.out
CHNL# 566: [715L Q]
46.060
-49.87
CHNL# 572: [679L Q]
66.647
-61.28
CHNL# 564: [680L Q]
66.647
-61.28
CHNL# 562: [948L Q]
207.81
-289.7
CHNL# 560: [7L224 Q]
40.000
-77.97
CHNL# 558: [748L Q]
51.677
-38.92
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_31_7L224_MONITOR
FILE: Scn4_2028SP_31_7L224_Monitor.out
CHNL# 578: [9L16 Q]
440.32
-418.2
CHNL# 576: [9L59 Q]
184.50
-40.25
CHNL# 574: [953L Q]
343.75
-401.2
CHNL# 570: [1047L Q]
405.29
-310.0
CHNL# 568: [749L Q]
24.794
-75.82
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
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6.0000
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18.000
21.000
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30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_31_7L224_MONITOR
FILE: Scn4_2028SP_31_7L224_Monitor.out
CHNL# 565: [715L P]
84.256
-49.35
CHNL# 571: [679L P]
129.75
-5.594
CHNL# 563: [680L P]
129.75
-5.594
CHNL# 561: [948L P]
88.790
-55.15
CHNL# 559: [7L224 P]
40.000
-86.15
CHNL# 557: [748L P]
35.903
-63.37
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
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12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_31_7L224_MONITOR
FILE: Scn4_2028SP_31_7L224_Monitor.out
CHNL# 577: [9L16 P]
79.351
-160.8
CHNL# 575: [9L59 P]
23.324
-120.1
CHNL# 573: [953L P]
269.48
-91.38
CHNL# 569: [1047L P]
57.684
-448.4
CHNL# 567: [749L P]
98.301
-34.64
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
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6.0000
9.0000
12.000
15.000
18.000
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SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_32_679L_NILREM

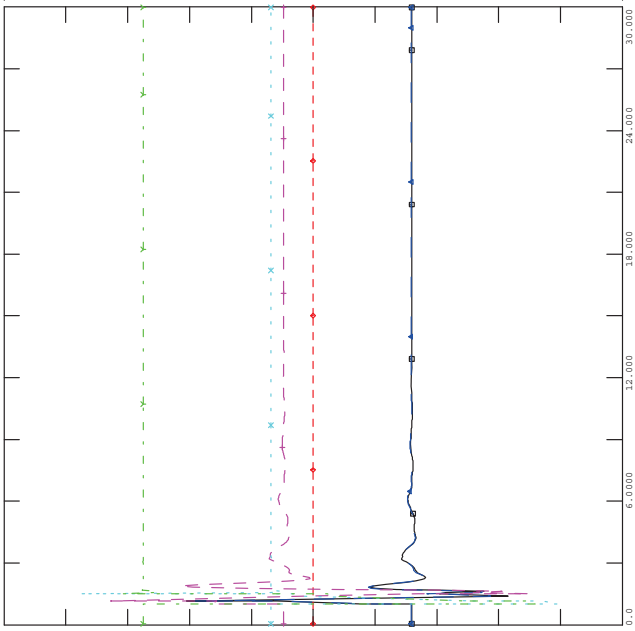
FILE: Scn4_2028SP_32_679L_Nilrem.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWRS63092[EASTERV G2 0.6900]G2]
1.3383 -0.1085
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.8639 -0.1077
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.5245 0.24930
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000 -0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
2.0580 1.0586
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
2.0623 1.0576

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_32_679L_NILREM

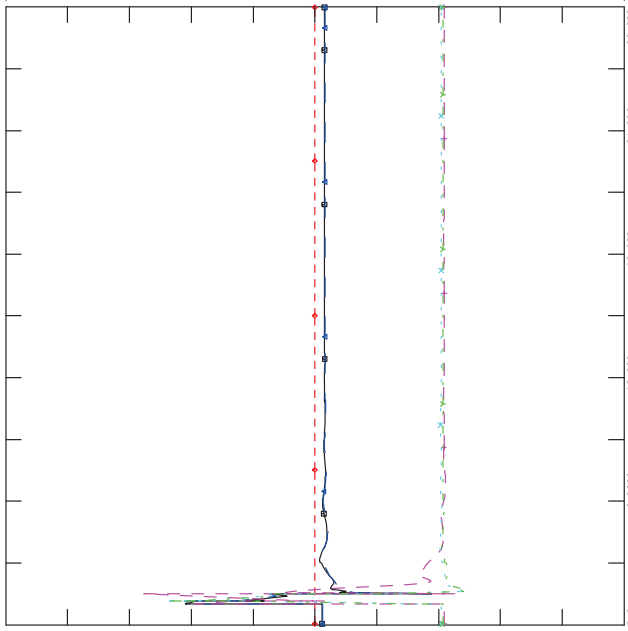
FILE: Scn4_2028SP_32_679L_Nilrem.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.2809 -0.6803
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.7395 -0.8824
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
5.0404 -1.128
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000 -0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
3.4688 -1.641
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
3.6540 -1.890

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_32_679L_NILREM

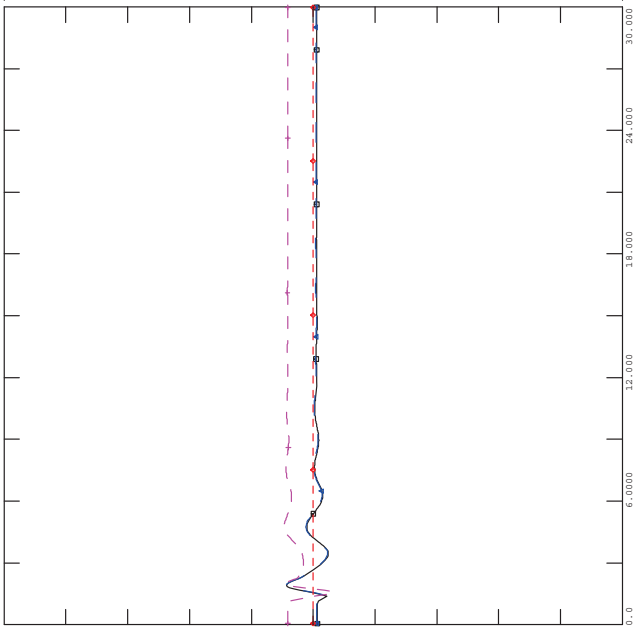
FILE: Scn4_2028SP_32_679L_Nilrem.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
20.028 -89.91
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000 -50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
30.698 -77.02
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
27.412 -79.58

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_32_679L_NILREM

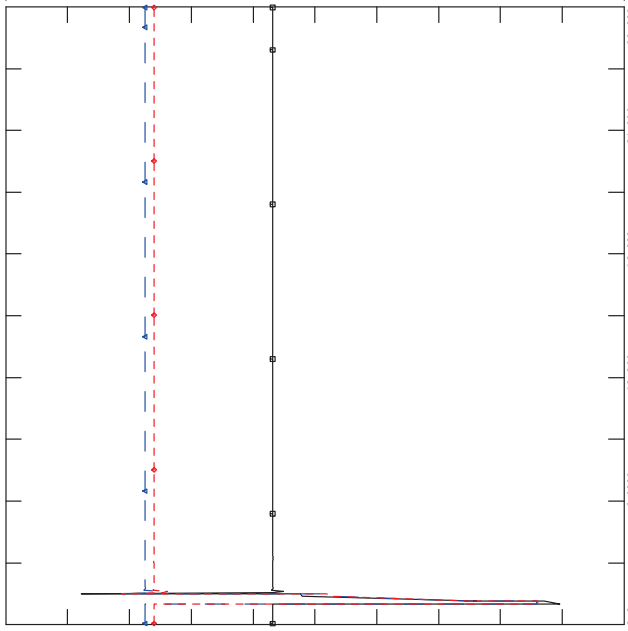
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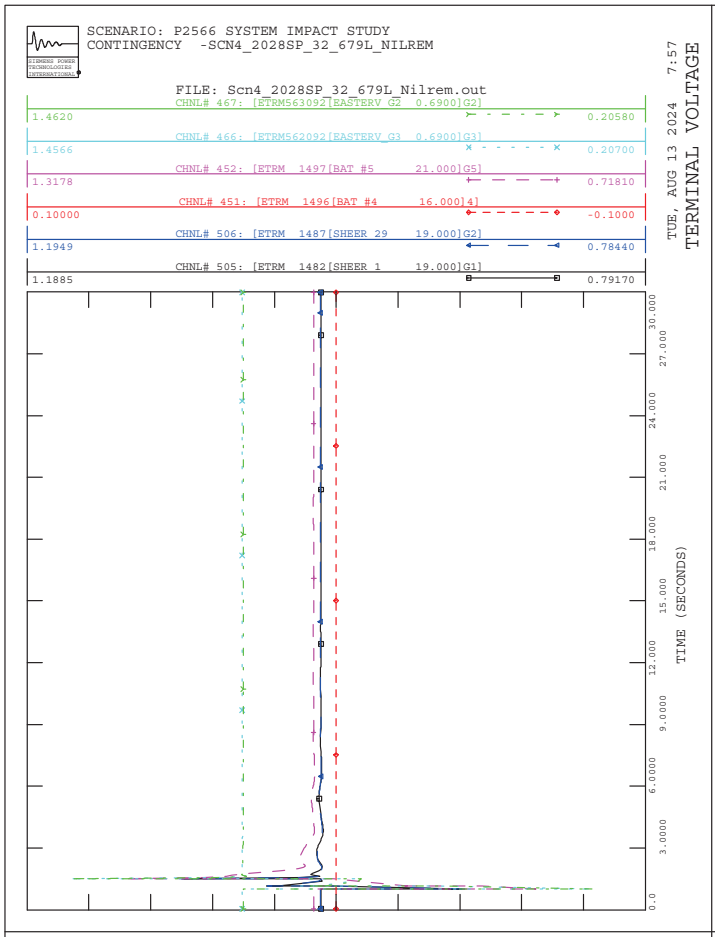
TUE, AUG 13 2024 7:57

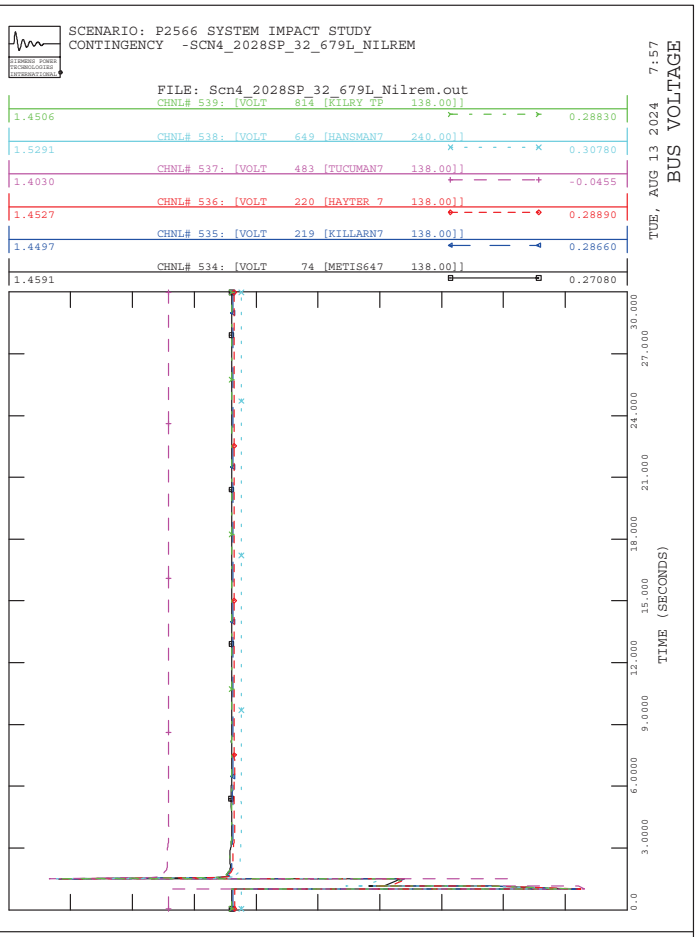
ACTIVE POWER

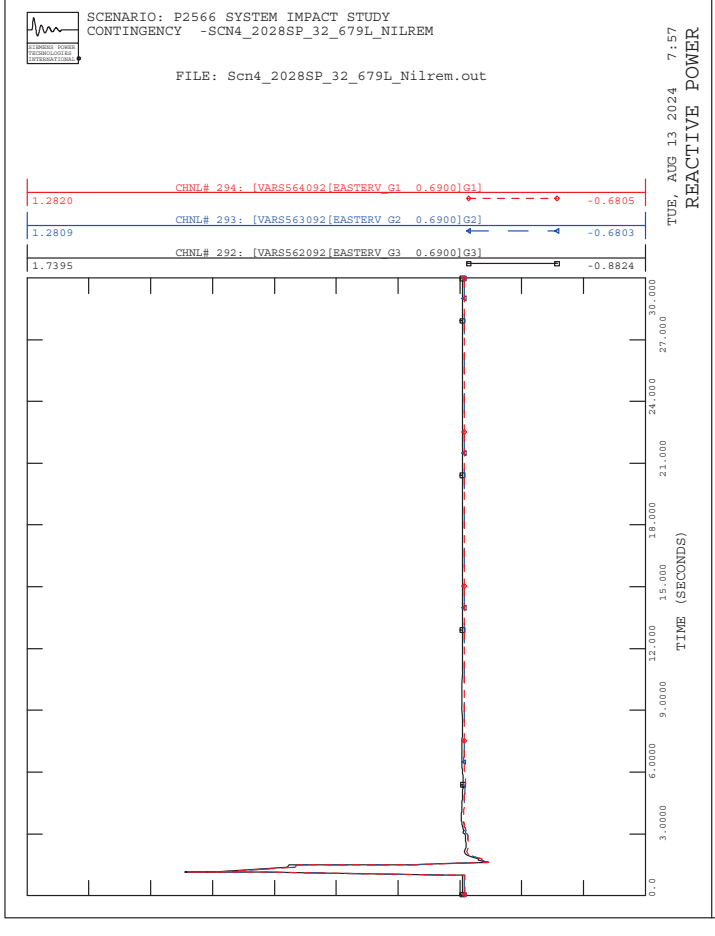
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.3653 -0.1078
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.3383 -0.1085
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.8639 -0.1077

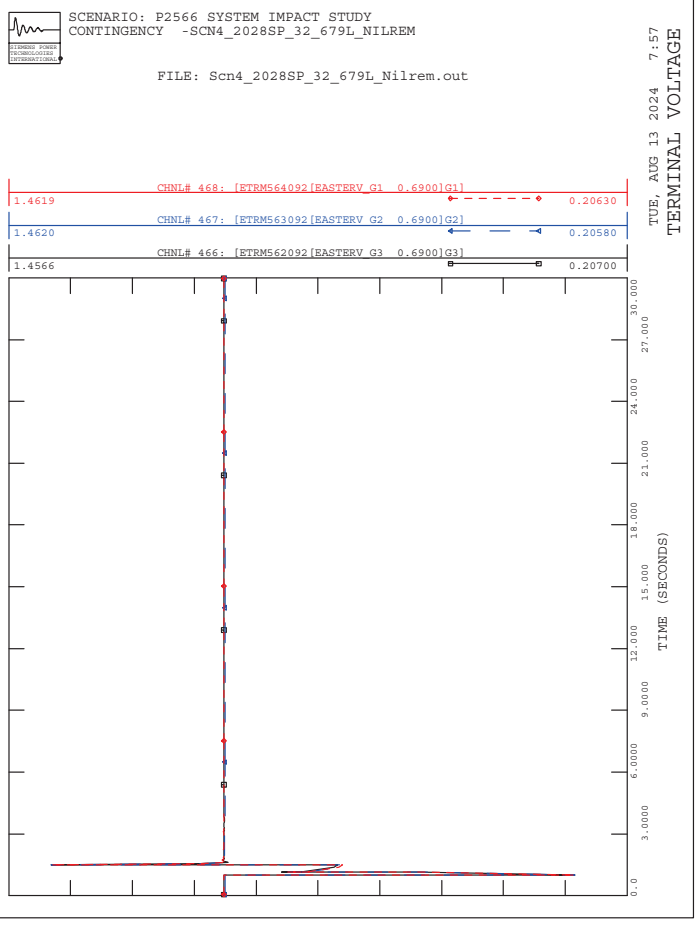
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TIME (SECONDS)

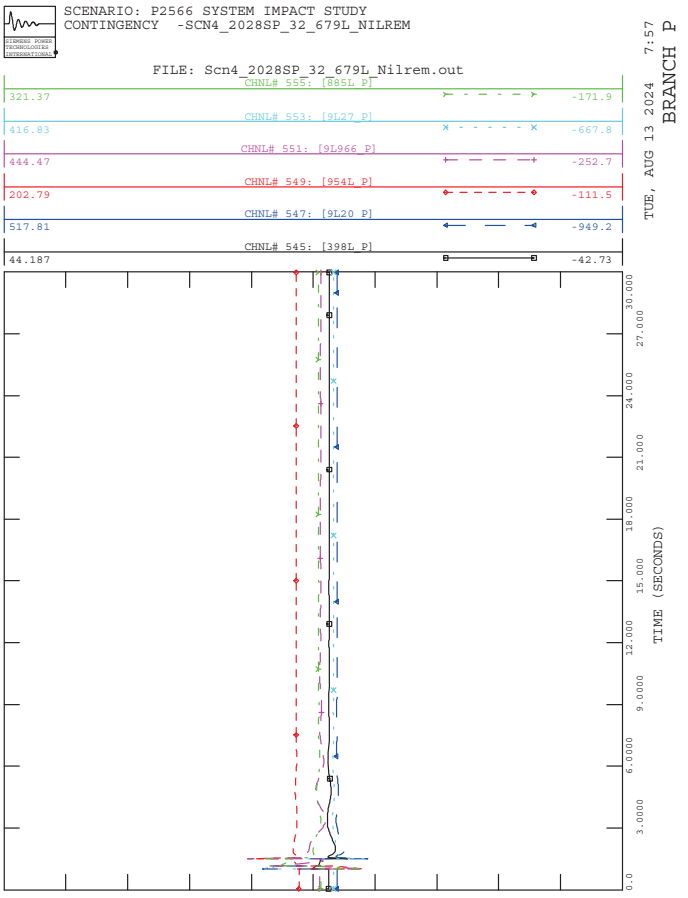


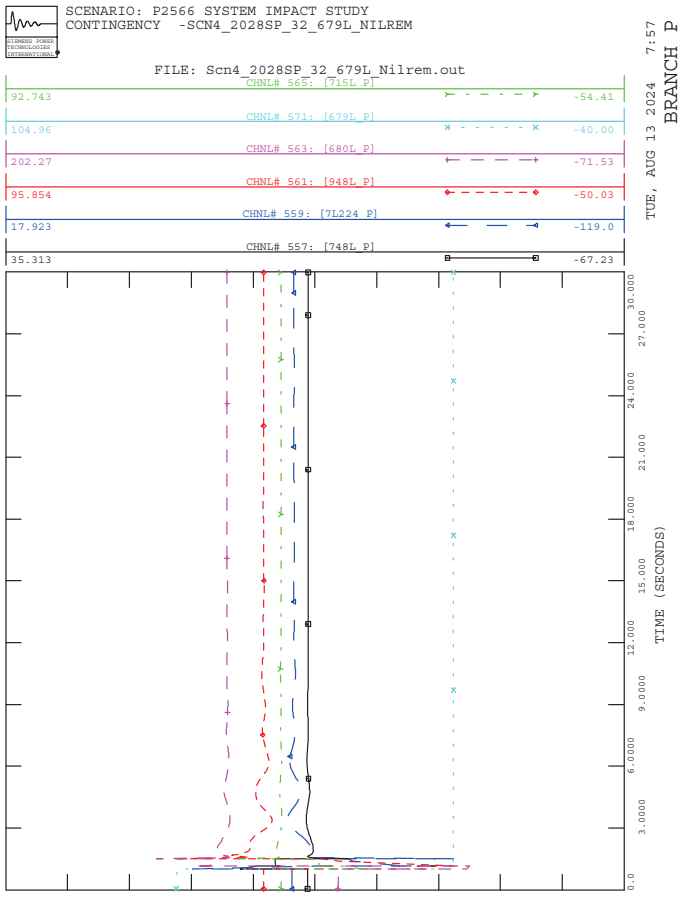

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_32_679L_NILREM
FILE: Scn4_2028SP_32_679L_Nilrem.out
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4620
0.20580
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4566
0.20700
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.3178
0.71810
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000
-0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1949
0.78440
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1885
0.79170
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE

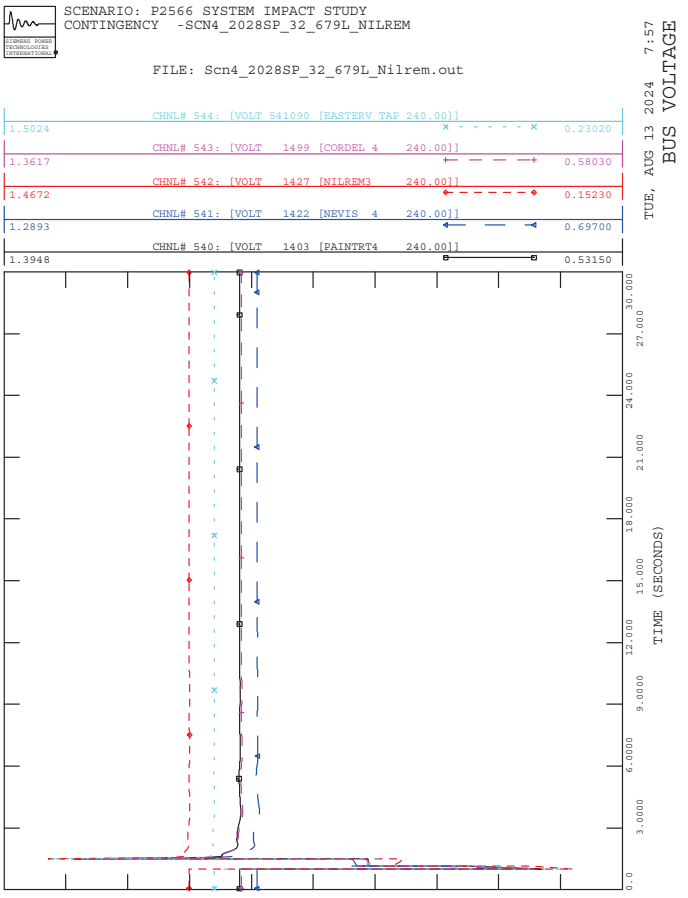

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_32_679L_NILREM
FILE: Scn4_2028SP_32_679L_Nilrem.out
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4506
0.28830
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5291
0.30780
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4030
-0.0455
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4527
0.28890
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4497
0.28660
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4591
0.27080
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
BUS VOLTAGE

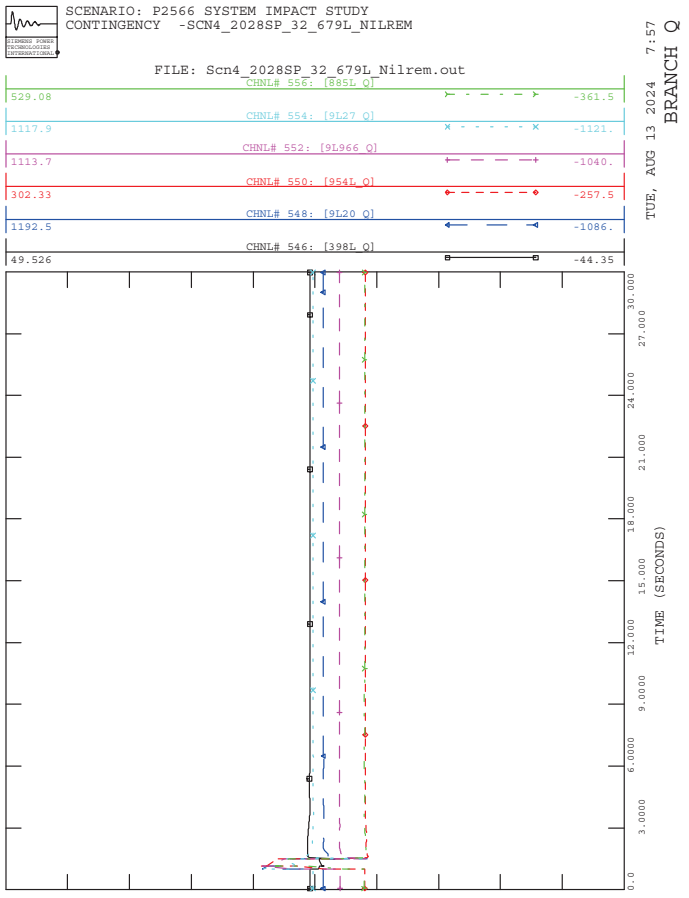

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_32_679L_NILREM
FILE: Scn4_2028SP_32_679L_Nilrem.out
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.2820
-0.6805
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.2809
-0.6803
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.7395
-0.8824
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
REACTIVE POWER


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_32_679L_NILREM
FILE: Scn4_2028SP_32_679L_Nilrem.out
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.4619
0.20630
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4620
0.20580
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4566
0.20700
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_32_679L_NILREM
FILE: Scn4_2028SP_32_679L_Nilrem.out
CHNL# 555: [885L P]
321.37
-171.9
CHNL# 553: [9L27 P]
416.83
-667.8
CHNL# 551: [9L966 P]
444.47
-252.7
CHNL# 549: [954L P]
202.79
-111.5
CHNL# 547: [9L20 P]
517.81
-949.2
CHNL# 545: [398L P]
44.187
-42.73
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_32_679L_NILREM
FILE: Scn4_2028SP_32_679L_Nilrem.out
CHNL# 565: [715L P]
92.743
-54.41
CHNL# 571: [679L P]
104.96
-40.00
CHNL# 563: [680L P]
202.27
-71.53
CHNL# 561: [948L P]
95.854
-50.03
CHNL# 559: [7L224 P]
17.923
-119.0
CHNL# 557: [748L P]
35.313
-67.23
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_32_679L_NILREM
FILE: Scn4_2028SP_32_679L_Nilrem.out
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.5024
0.23020
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3617
0.58030
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4672
0.15230
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2893
0.69700
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3948
0.53150
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_32_679L_NILREM
FILE: Scn4_2028SP_32_679L_Nilrem.out
CHNL# 556: [885L Q]
529.08
-361.5
CHNL# 554: [9L27 Q]
1117.9
-1121.
CHNL# 552: [9L966 Q]
1113.7
-1040.
CHNL# 550: [954L Q]
302.33
-257.5
CHNL# 548: [9L20 Q]
1192.5
-1086.
CHNL# 546: [398L Q]
49.526
-44.35
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
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3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

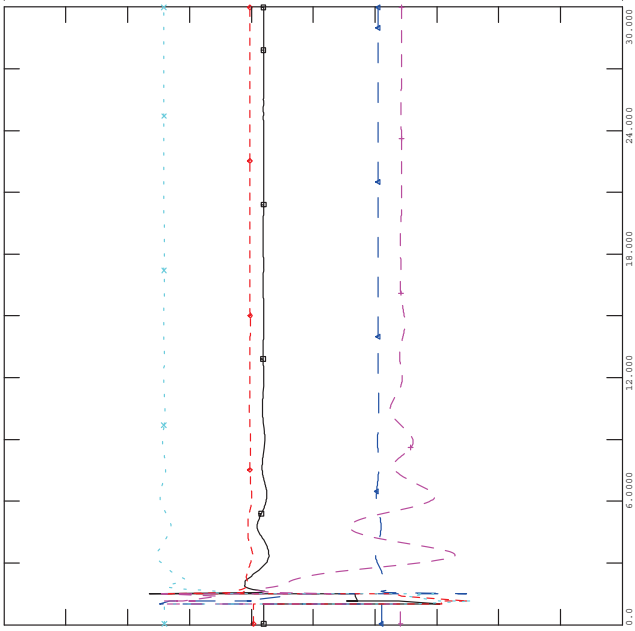
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_32_679L_NILREM

FILE: Scn4_2028SP_32_679L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16 P]
113.42 -249.9
CHNL# 575: [9L59 P]
27.879 -130.3
CHNL# 573: [953L P]
304.53 -113.5
CHNL# 569: [1047L P]
139.46 -495.2
CHNL# 567: [749L P]
107.15 -31.35



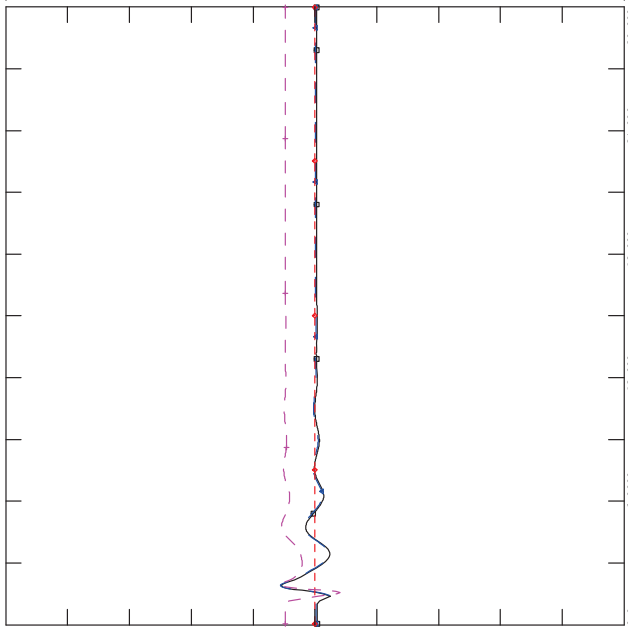
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_33_679L_TUCUMAN

FILE: Scn4_2028SP_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
20.100 -91.50
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000 -50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
30.664 -77.81
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
27.564 -80.33



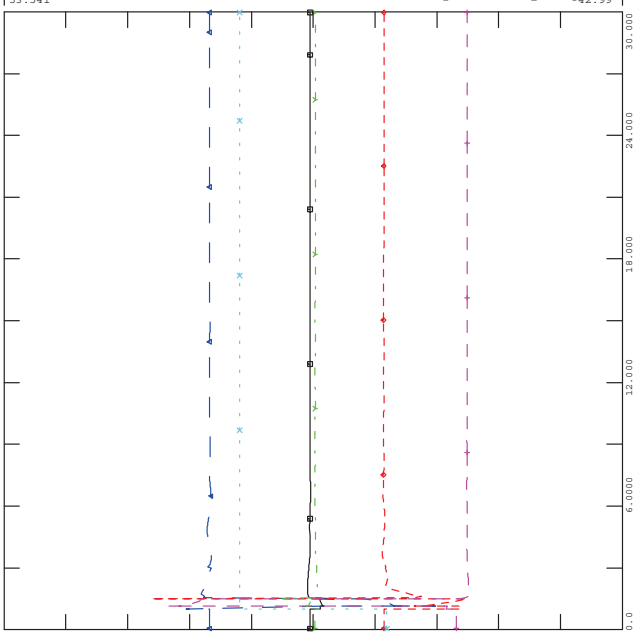
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_32_679L_NILREM

FILE: Scn4_2028SP_32_679L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 566: [715L Q]
48.193 -46.69
CHNL# 572: [679L Q]
40.000 -65.09
CHNL# 564: [680L Q]
748.85 -304.0
CHNL# 562: [948L Q]
217.05 -208.8
CHNL# 560: [7L224 Q]
10.917 -135.0
CHNL# 558: [748L Q]
53.541 -42.99



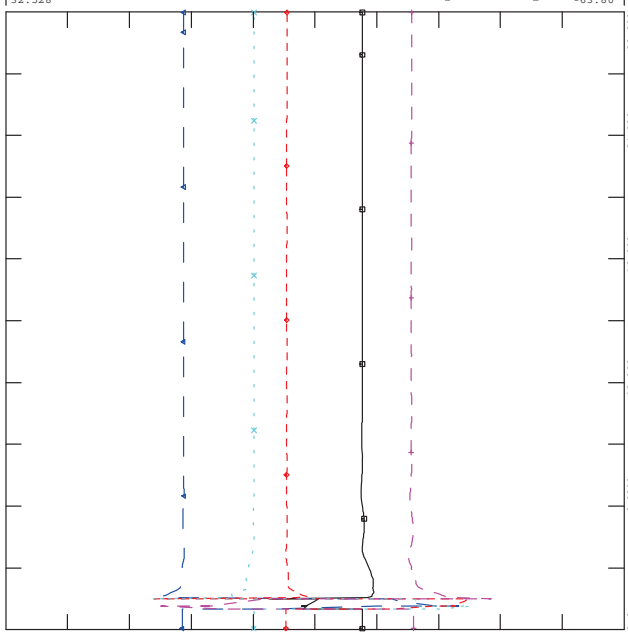
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_32_679L_NILREM

FILE: Scn4_2028SP_32_679L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16 Q]
632.14 -809.3
CHNL# 576: [9L59 Q]
372.13 -111.1
CHNL# 574: [953L Q]
453.94 -589.4
CHNL# 570: [1047L Q]
346.68 -662.4
CHNL# 568: [749L Q]
32.528 -63.80



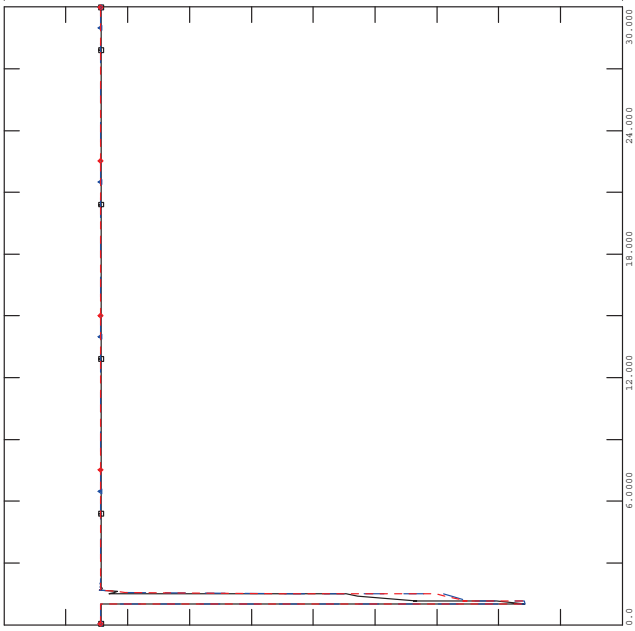
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_33_679L_TUCUMAN

FILE: Scn4_2028SP_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1] 1.2148 -0.0845
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2] 1.2147 -0.0853
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3] 1.2169 -0.0844



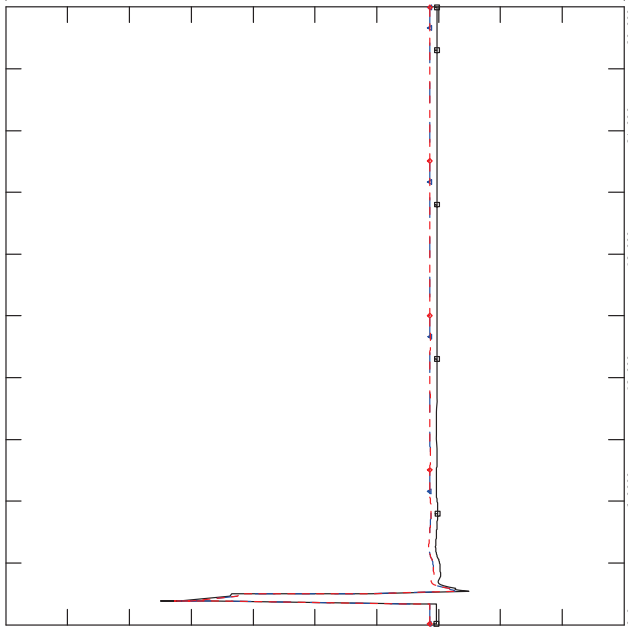
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_33_679L_TUCUMAN

FILE: Scn4_2028SP_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1] 1.1514 -0.6841
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2] 1.1505 -0.6838
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3] 1.4746 -0.7963



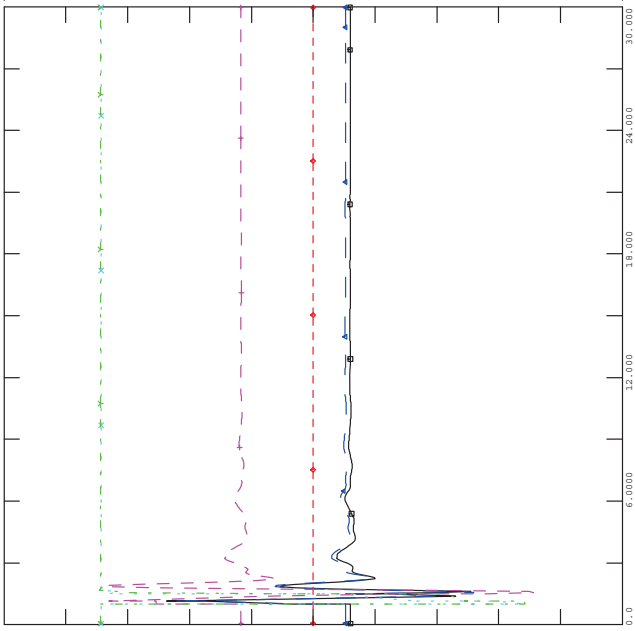
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_33_679L_TUCUMAN

FILE: Scn4_2028SP_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2] 1.2147 -0.0853
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3] 1.2169 -0.0844
CHNL# 191: [POWR 1497[BAT #5 21.000]G5] 1.4138 0.19860
CHNL# 190: [POWR 1496[BAT #4 16.000]4] 0.20000 -0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2] 1.8908 1.0014
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1] 1.9049 1.0027



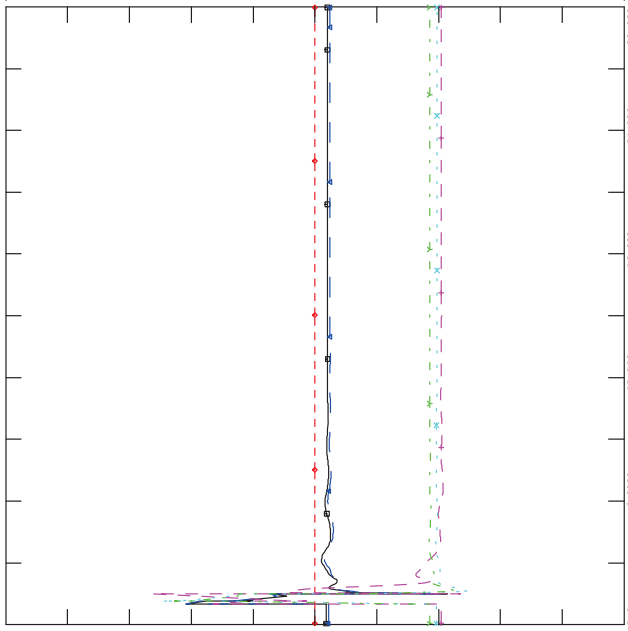
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_33_679L_TUCUMAN

FILE: Scn4_2028SP_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2] 1.1505 -0.6838
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3] 1.4746 -0.7963
CHNL# 278: [VARS 1497[BAT #5 21.000]G5] 5.2950 -1.274
CHNL# 277: [VARS 1496[BAT #4 16.000]4] 0.50000 -0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2] 3.3570 -1.443
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1] 3.5479 -1.722

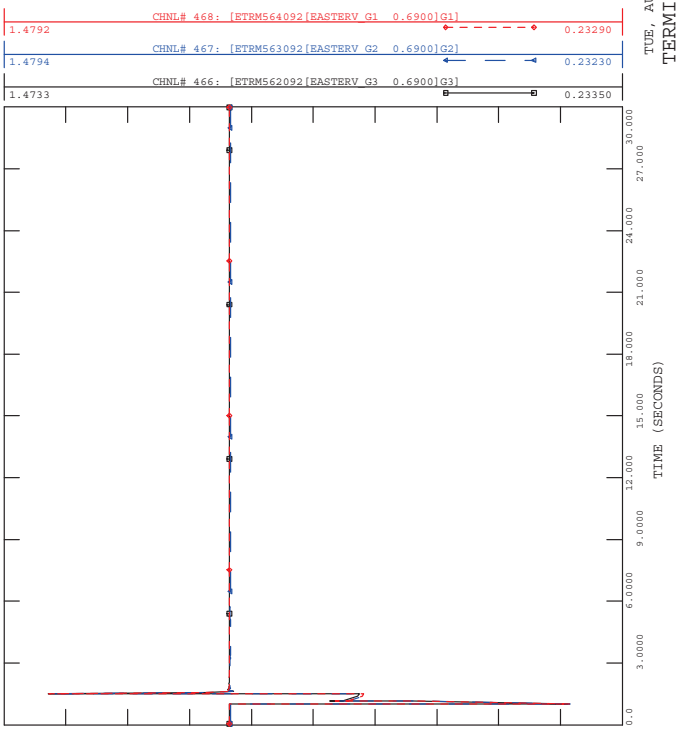


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_33_679L_TUCUMAN

FILE: Scn4_2028SP_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

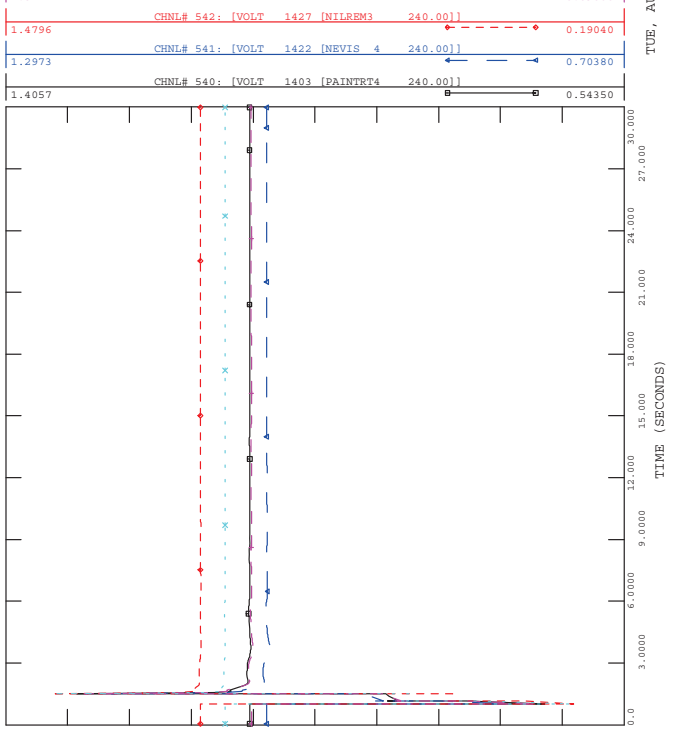


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_33_679L_TUCUMAN

FILE: Scn4_2028SP_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

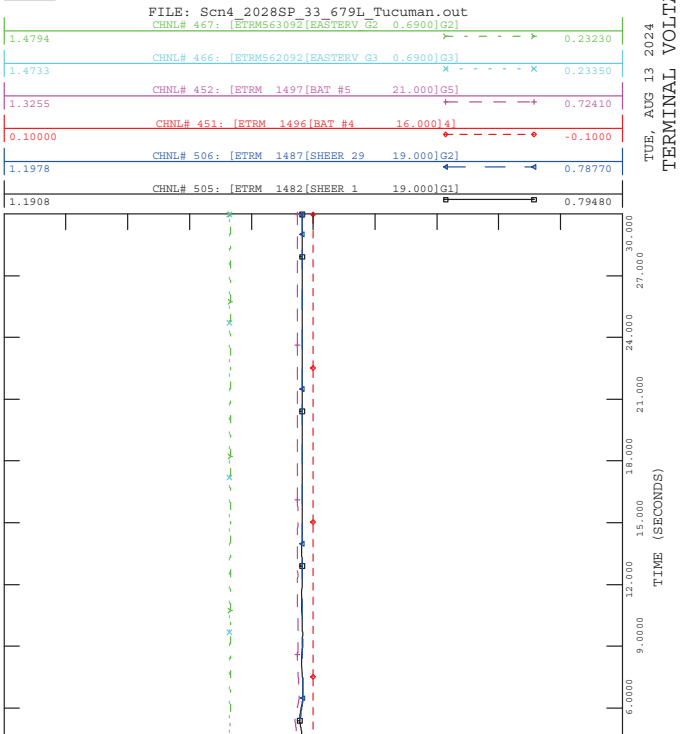


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_33_679L_TUCUMAN

FILE: Scn4_2028SP_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

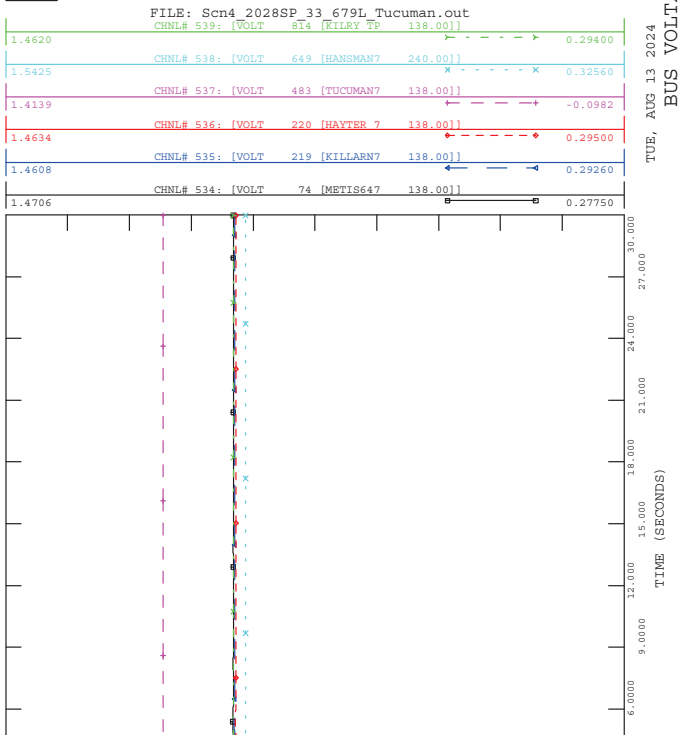


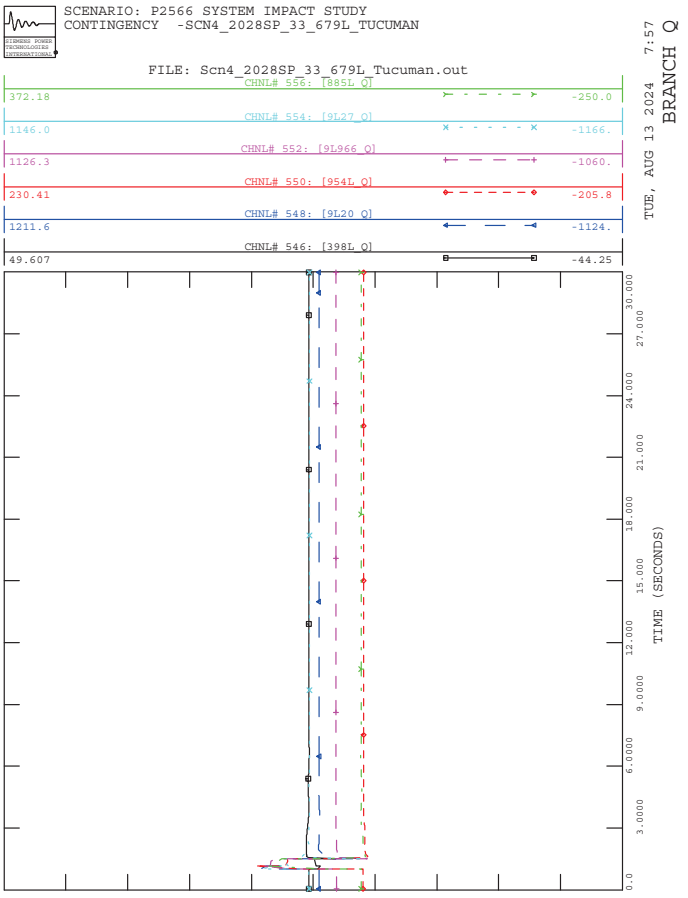
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_33_679L_TUCUMAN

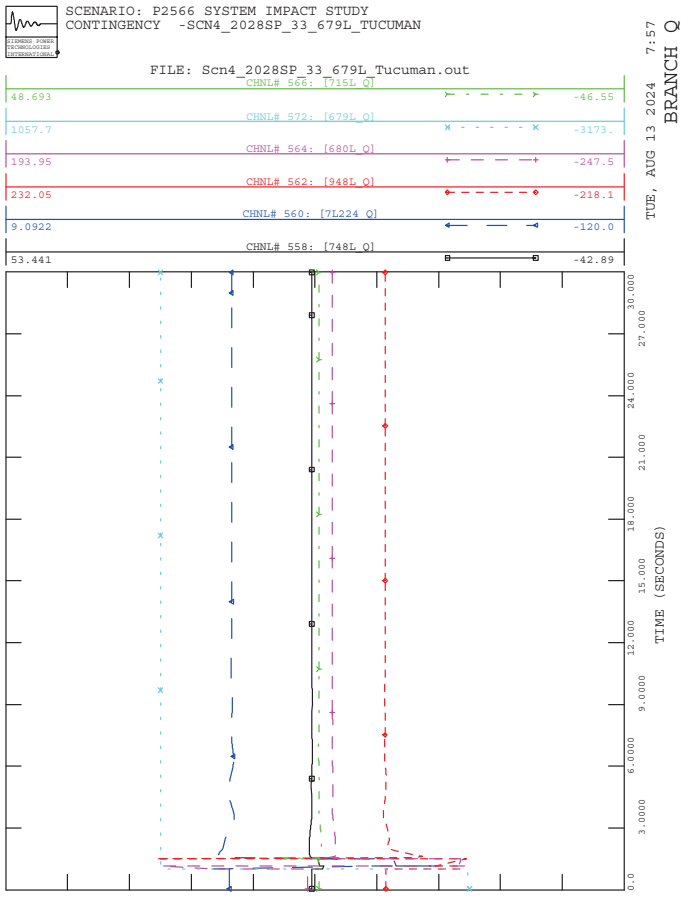
FILE: Scn4_2028SP_33_679L_Tucuman.out

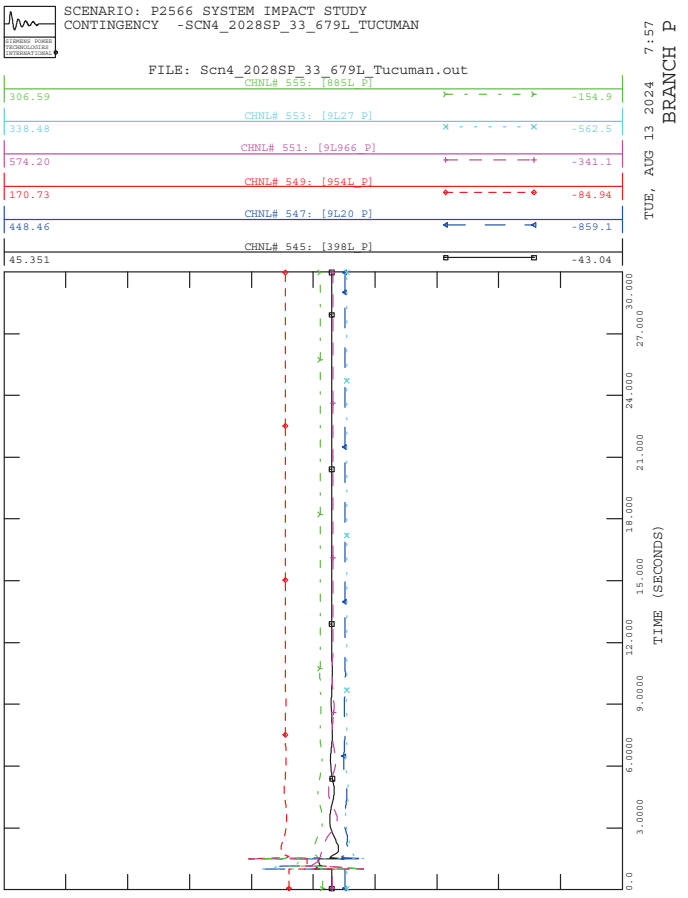
TUE, AUG 13 2024 7:57

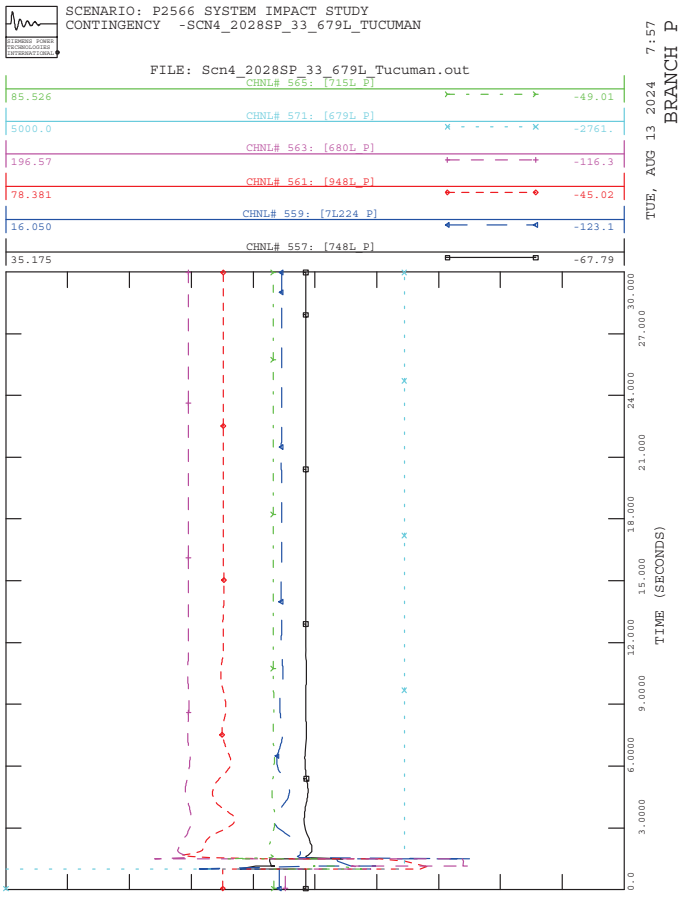
BUS VOLTAGE




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_33_679L_TUCUMAN
FILE: Scn4_2028SP_33_679L_Tucuman.out
CHNL# 556: [885L Q]
372.18
-250.0
CHNL# 554: [9L27 Q]
1146.0
-1166.
CHNL# 552: [9L966 Q]
1126.3
-1060.
CHNL# 550: [954L Q]
230.41
-205.8
CHNL# 548: [9L20 Q]
1211.6
-1124.
CHNL# 546: [398L Q]
49.607
-44.25
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_33_679L_TUCUMAN
FILE: Scn4_2028SP_33_679L_Tucuman.out
CHNL# 566: [715L Q]
48.693
-46.55
CHNL# 572: [679L Q]
1057.7
-3173.
CHNL# 564: [680L Q]
193.95
-247.5
CHNL# 562: [948L Q]
232.05
-218.1
CHNL# 560: [7L224 Q]
9.0922
-120.0
CHNL# 558: [748L Q]
53.441
-42.89
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_33_679L_TUCUMAN
FILE: Scn4_2028SP_33_679L_Tucuman.out
CHNL# 555: [885L P]
306.59
-154.9
CHNL# 553: [9L27 P]
338.48
-562.5
CHNL# 551: [9L966 P]
574.20
-341.1
CHNL# 549: [954L P]
170.73
-84.94
CHNL# 547: [9L20 P]
448.46
-859.1
CHNL# 545: [398L P]
45.351
-43.04
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_33_679L_TUCUMAN
FILE: Scn4_2028SP_33_679L_Tucuman.out
CHNL# 565: [715L P]
85.526
-49.01
CHNL# 571: [679L P]
5000.0
-2761.
CHNL# 563: [680L P]
196.57
-116.3
CHNL# 561: [948L P]
78.381
-45.02
CHNL# 559: [7L224 P]
16.050
-123.1
CHNL# 557: [748L P]
35.175
-67.79
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

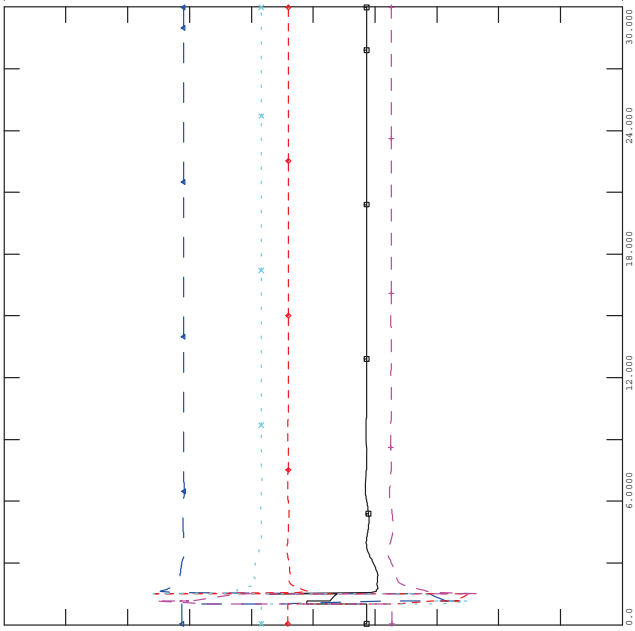
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_33_679L_TUCUMAN

FILE: Scn4_2028SP_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16_Q]
665.19 -802.8
CHNL# 576: [9L59_Q]
363.84 -130.5
CHNL# 574: [953L_Q]
492.01 -621.9
CHNL# 570: [1047L_Q]
340.20 -637.5
CHNL# 568: [749L_Q]
35.066 -63.93



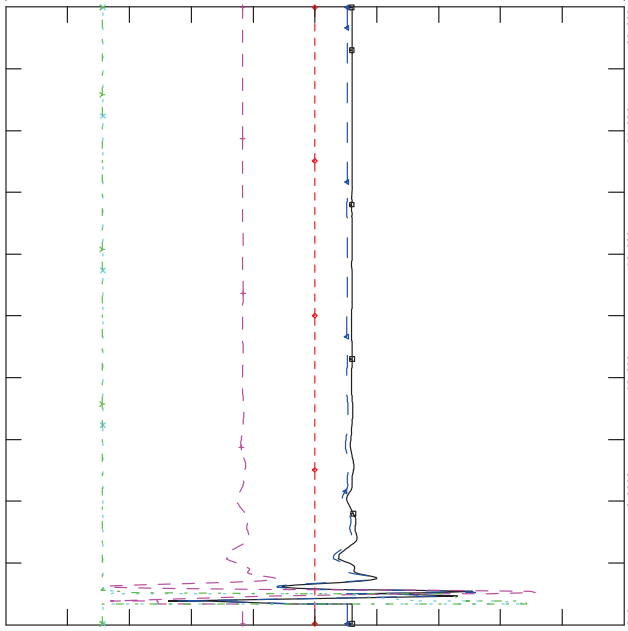
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_34_680L_TUCUMAN

FILE: Scn4_2028SP_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2]
1.2147 -0.0853
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3]
1.2169 -0.0844
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.4138 0.19860
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000 -0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
1.8908 1.0014
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
1.9049 1.0027



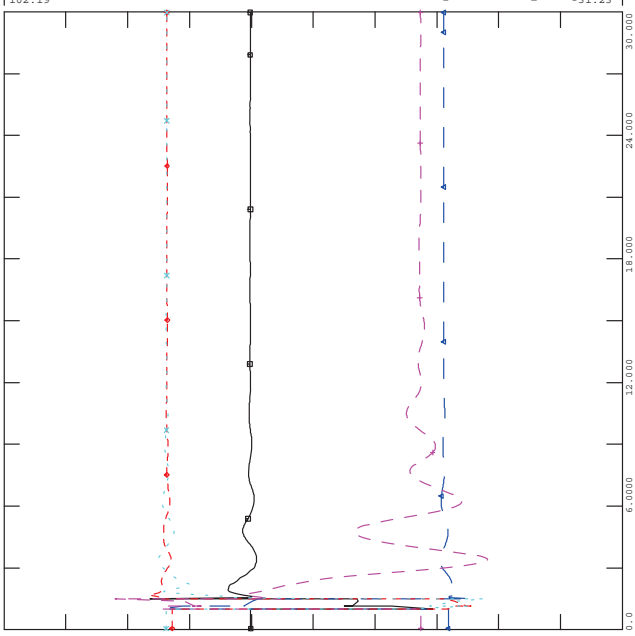
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_33_679L_TUCUMAN

FILE: Scn4_2028SP_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P]
119.43 -261.9
CHNL# 575: [9L59_P]
24.023 -120.8
CHNL# 573: [953L_P]
216.89 -81.75
CHNL# 569: [1047L_P]
89.227 -380.0
CHNL# 567: [749L_P]
102.19 -31.23



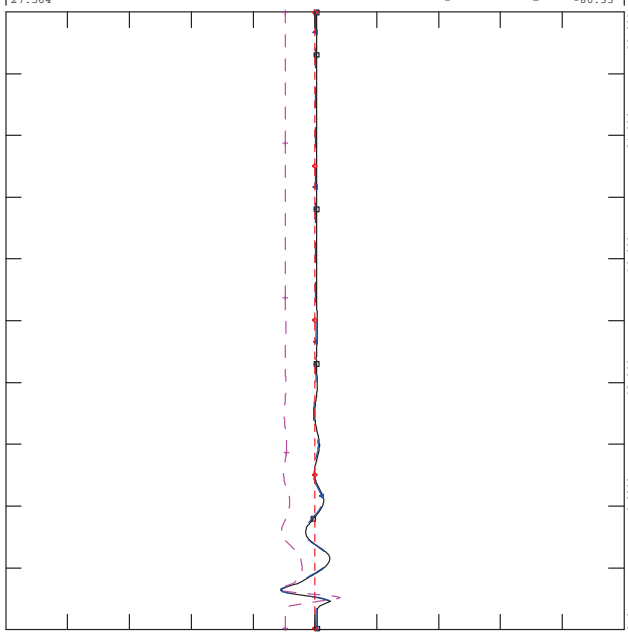
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_34_680L_TUCUMAN

FILE: Scn4_2028SP_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
20.100 -91.50
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000 -50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
30.664 -77.81
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
27.564 -80.33



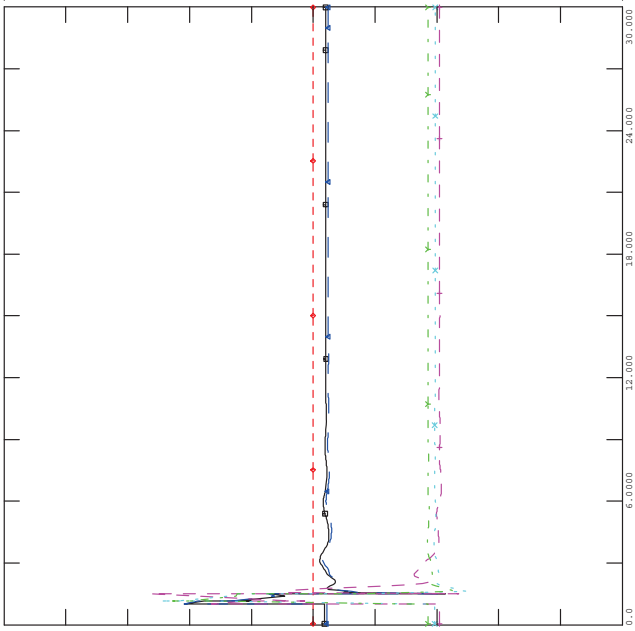
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_34_680L_TUCUMAN

FILE: Scn4_2028SP_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV_G2 0.6900]G2]
1.1505 -0.6838
CHNL# 292: [VARS562092[EASTERV_G3 0.6900]G3]
1.4746 -0.7963
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
5.2950 -1.274
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000 -0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
3.3570 -1.443
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
3.5479 -1.722



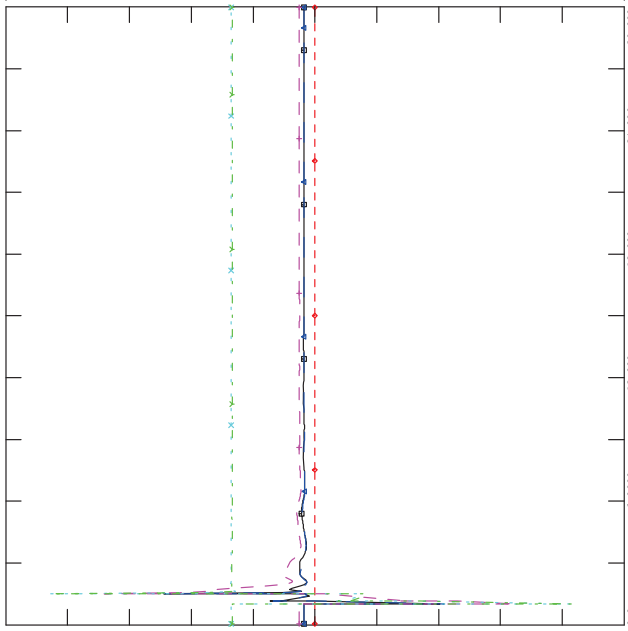
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_34_680L_TUCUMAN

FILE: Scn4_2028SP_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV_G2 0.6900]G2]
1.4794 0.23230
CHNL# 466: [ETRM562092[EASTERV_G3 0.6900]G3]
1.4733 0.23350
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.3255 0.72410
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1978 0.78770
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1908 0.79480



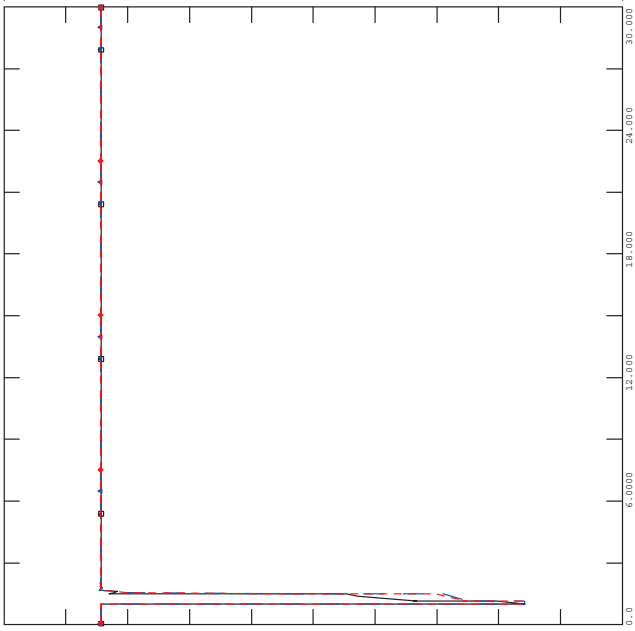
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_34_680L_TUCUMAN

FILE: Scn4_2028SP_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV_G1 0.6900]G1]
1.2148 -0.0845
CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2]
1.2147 -0.0853
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3]
1.2169 -0.0844



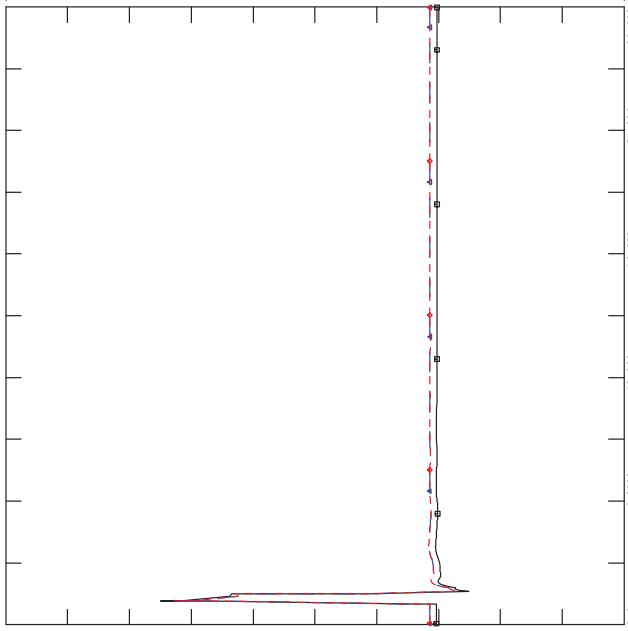
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_34_680L_TUCUMAN

FILE: Scn4_2028SP_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV_G1 0.6900]G1]
1.1514 -0.6841
CHNL# 293: [VARS563092[EASTERV_G2 0.6900]G2]
1.1505 -0.6838
CHNL# 292: [VARS562092[EASTERV_G3 0.6900]G3]
1.4746 -0.7963



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_34_680L_TUCUMAN

FILE: Scn4_2028SP_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4620 0.29400

CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5425 0.32560

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4139 -0.0982

CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4634 0.29500

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4608 0.29260

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4706 0.27750

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_34_680L_TUCUMAN

FILE: Scn4_2028SP_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
306.59 -154.9

CHNL# 553: [9L27 P]
338.48 -562.5

CHNL# 551: [9L966 P]
574.20 -341.1

CHNL# 549: [954L P]
170.73 -84.94

CHNL# 547: [9L20 P]
448.46 -859.1

CHNL# 545: [398L P]
45.351 -43.04

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_34_680L_TUCUMAN

FILE: Scn4_2028SP_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.4792 0.23290

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4794 0.23230

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4733 0.23350

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_34_680L_TUCUMAN

FILE: Scn4_2028SP_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.5162 0.25780

CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3717 0.59080

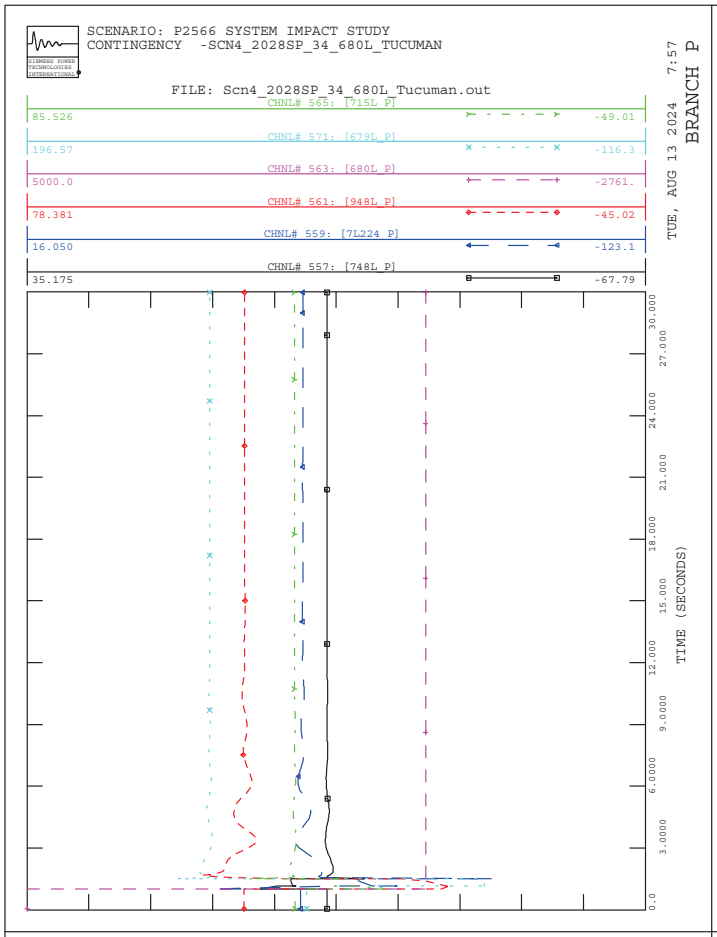
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4796 0.19040

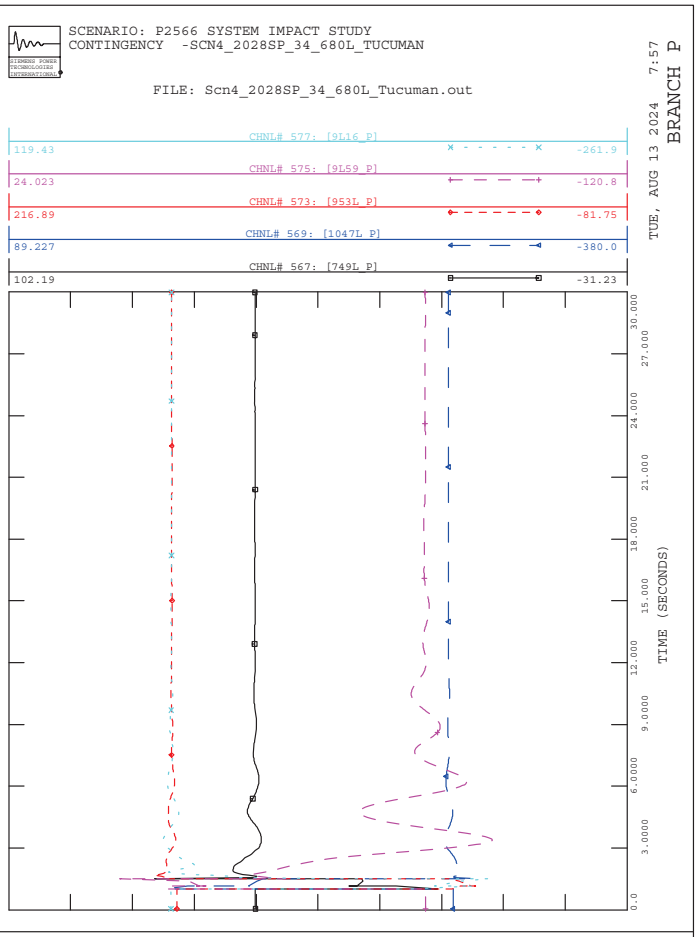
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2973 0.70380

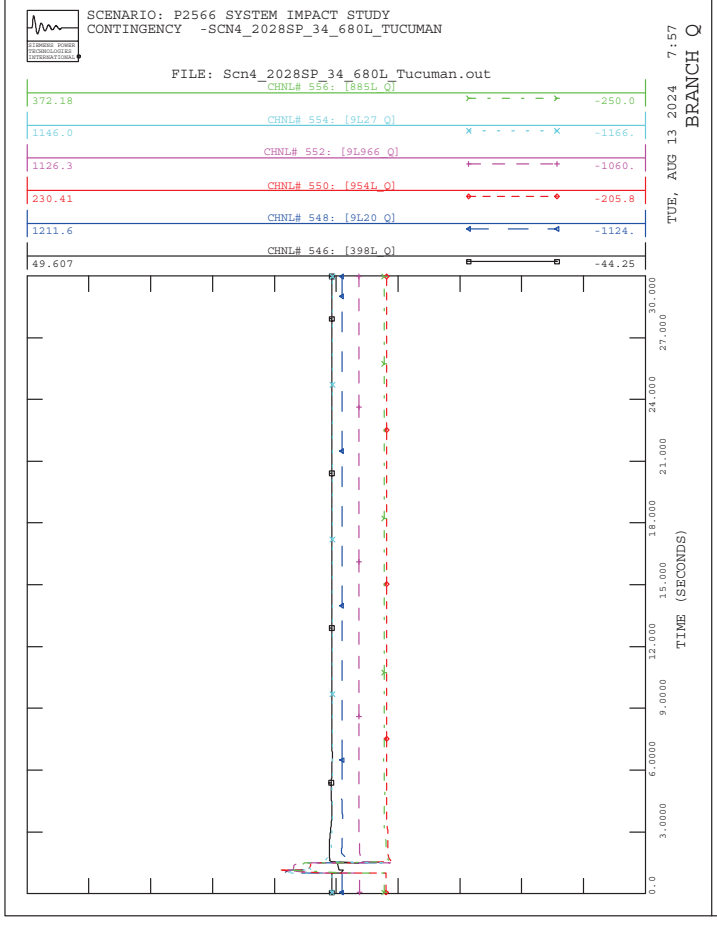
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.4057 0.54350

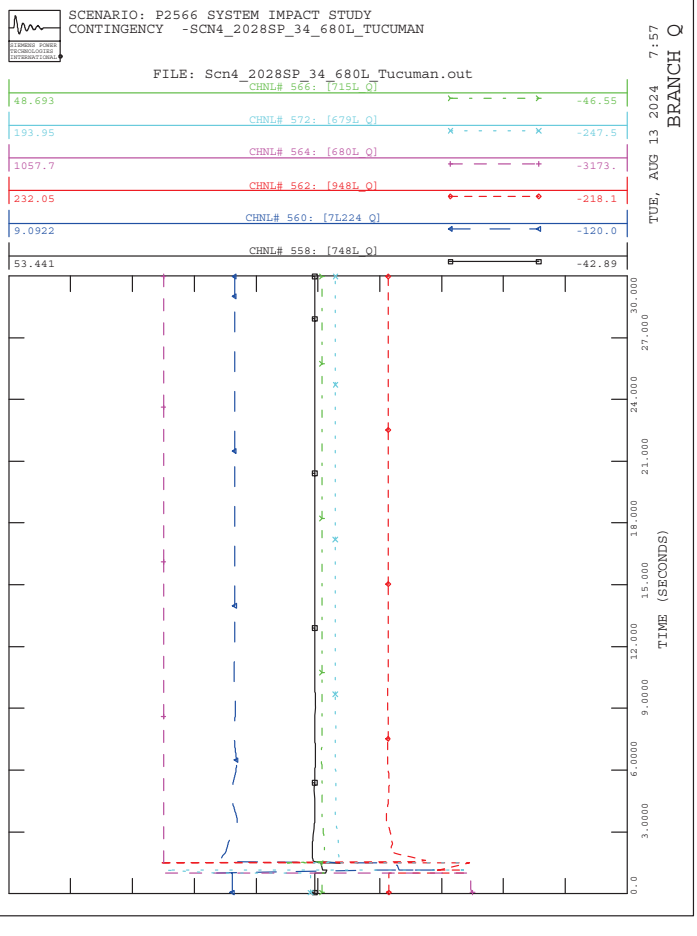
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TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_34_680L_TUCUMAN
FILE: Scn4_2028SP_34_680L_Tucuman.out
CHNL# 565: [715L P]
85.526
-49.01
CHNL# 571: [679L P]
196.57
-116.3
CHNL# 563: [680L P]
5000.0
-2761.
CHNL# 561: [948L P]
78.381
-45.02
CHNL# 559: [7L224 P]
16.050
-123.1
CHNL# 557: [748L P]
35.175
-67.79
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_34_680L_TUCUMAN
FILE: Scn4_2028SP_34_680L_Tucuman.out
CHNL# 577: [9L16 P]
119.43
-261.9
CHNL# 575: [9L59 P]
24.023
-120.8
CHNL# 573: [953L P]
216.89
-81.75
CHNL# 569: [1047L P]
89.227
-380.0
CHNL# 567: [749L P]
102.19
-31.23
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_34_680L_TUCUMAN
FILE: Scn4_2028SP_34_680L_Tucuman.out
CHNL# 556: [885L Q]
372.18
-250.0
CHNL# 554: [9L27 Q]
1146.0
-1166.
CHNL# 552: [9L966 Q]
1126.3
-1060.
CHNL# 550: [954L Q]
230.41
-205.8
CHNL# 548: [9L20 Q]
1211.6
-1124.
CHNL# 546: [398L Q]
49.607
-44.25
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_34_680L_TUCUMAN
FILE: Scn4_2028SP_34_680L_Tucuman.out
CHNL# 566: [715L Q]
48.693
-46.55
CHNL# 572: [679L Q]
193.95
-247.5
CHNL# 564: [680L Q]
1057.7
-3173.
CHNL# 562: [948L Q]
232.05
-218.1
CHNL# 560: [7L224 Q]
9.0922
-120.0
CHNL# 558: [748L Q]
53.441
-42.89
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_35_680L_NILREM

FILE: Scn4_2028SP_35_680L_Nilrem.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5] 20.028 -89.91
CHNL# 16: [ANGL 1496[BAT #4 16.000]4] 50.000 -50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2] 30.698 -77.02
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1] 27.412 -79.58

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_35_680L_NILREM

FILE: Scn4_2028SP_35_680L_Nilrem.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1] 1.3653 -0.1078
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2] 1.3383 -0.1085
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3] 1.8639 -0.1077

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_34_680L_TUCUMAN

FILE: Scn4_2028SP_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16 Q] 665.19 -802.8
CHNL# 576: [9L59 Q] 363.84 -130.5
CHNL# 574: [953L Q] 492.01 -621.9
CHNL# 570: [1047L Q] 340.20 -637.5
CHNL# 568: [749L Q] 35.066 -63.93

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_35_680L_NILREM

FILE: Scn4_2028SP_35_680L_Nilrem.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2] 1.3383 -0.1085
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3] 1.8639 -0.1077
CHNL# 191: [POWR 1497[BAT #5 21.000]G5] 1.5245 0.24930
CHNL# 190: [POWR 1496[BAT #4 16.000]4] 0.20000 -0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2] 2.0580 1.0586
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1] 2.0623 1.0576

TIME (SECONDS)

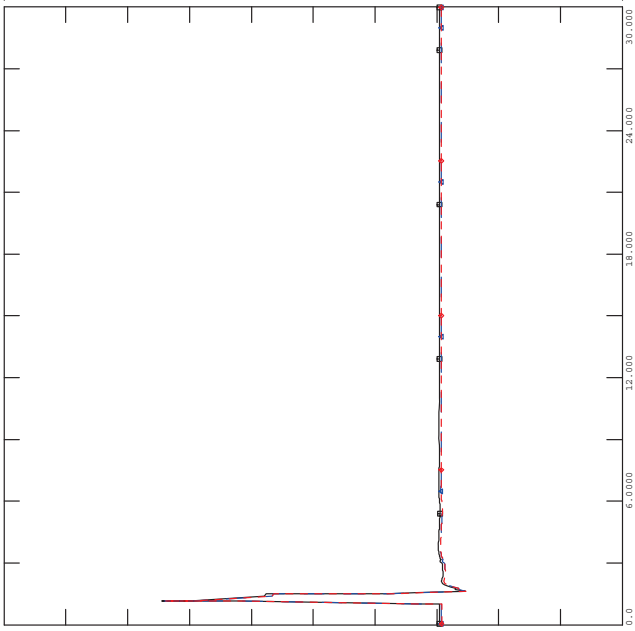
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_35_680L_NILREM

FILE: Scn4_2028SP_35_680L_Nilrem.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.2820 -0.6805
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.2809 -0.6803
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.7395 -0.8824



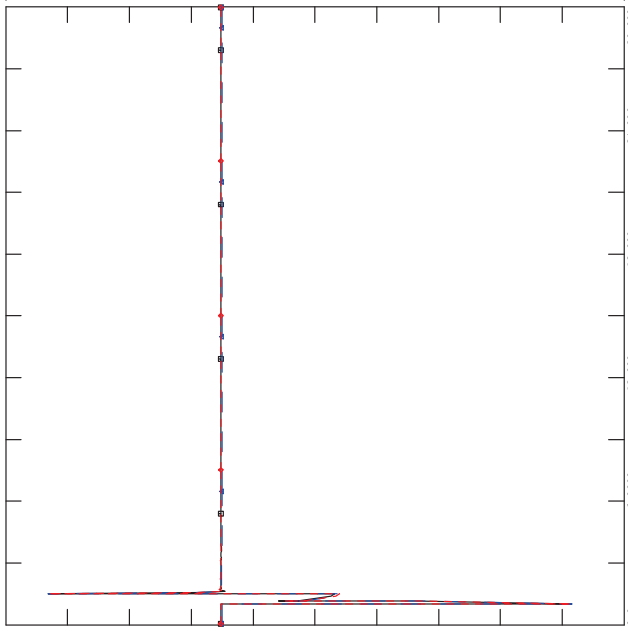
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_35_680L_NILREM

FILE: Scn4_2028SP_35_680L_Nilrem.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.4619 0.20630
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4620 0.20580
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4566 0.20700



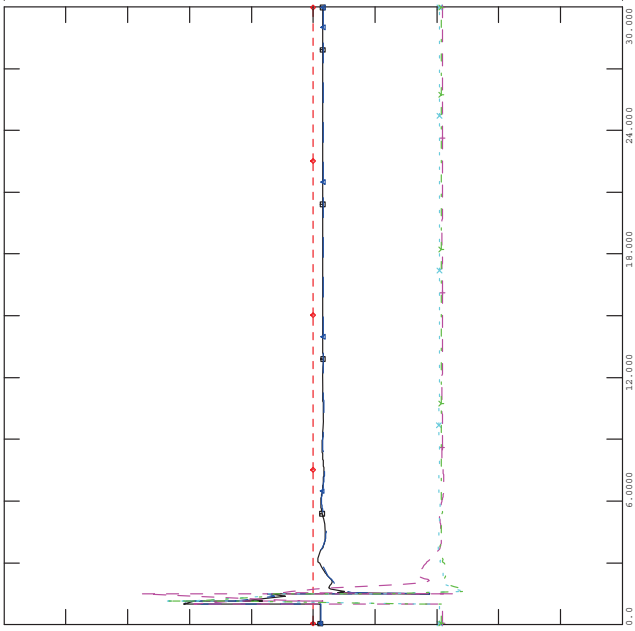
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CONTINGENCY -SCN4_2028SP_35_680L_NILREM

FILE: Scn4_2028SP_35_680L_Nilrem.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.2809 -0.6803
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.7395 -0.8824
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
5.0404 -1.128
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000 -0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
3.4688 -1.641
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
3.6540 -1.890



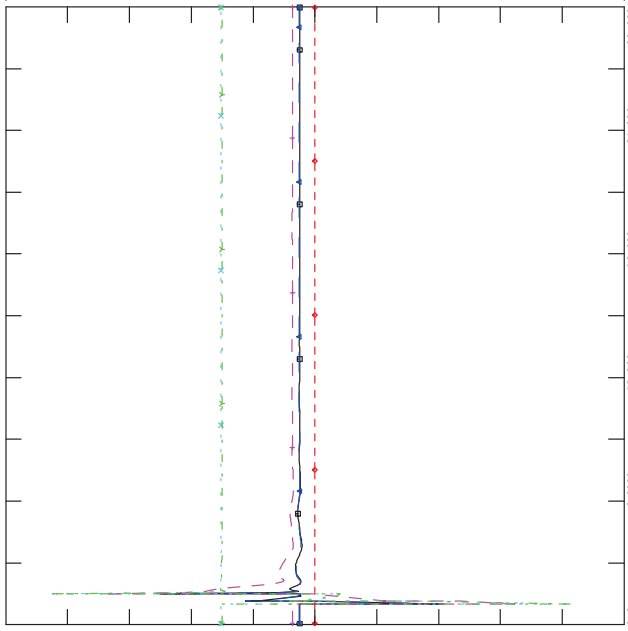
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CONTINGENCY -SCN4_2028SP_35_680L_NILREM

FILE: Scn4_2028SP_35_680L_Nilrem.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4620 0.20580
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4566 0.20700
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.3178 0.71810
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1949 0.78440
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1885 0.79170



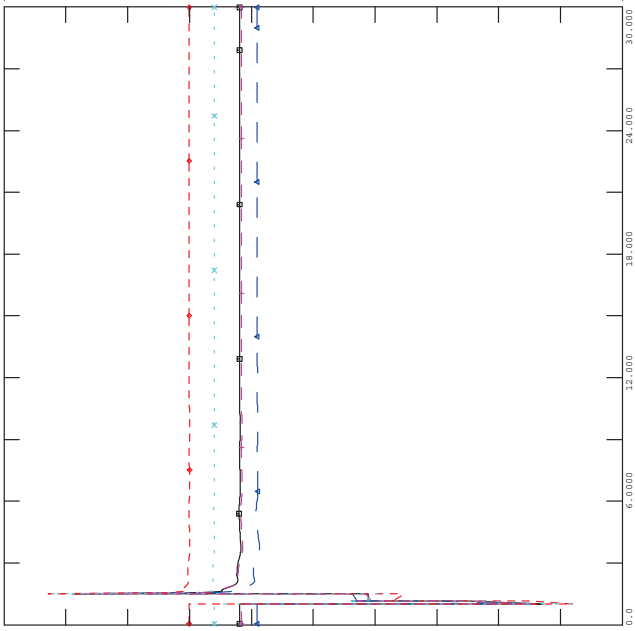
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CONTINGENCY -SCN4_2028SP_35_680L_NILREM

FILE: Scn4_2028SP_35_680L_Nilrem.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.5024 0.23020
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3617 0.58030
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4672 0.15230
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2893 0.69700
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3948 0.53150



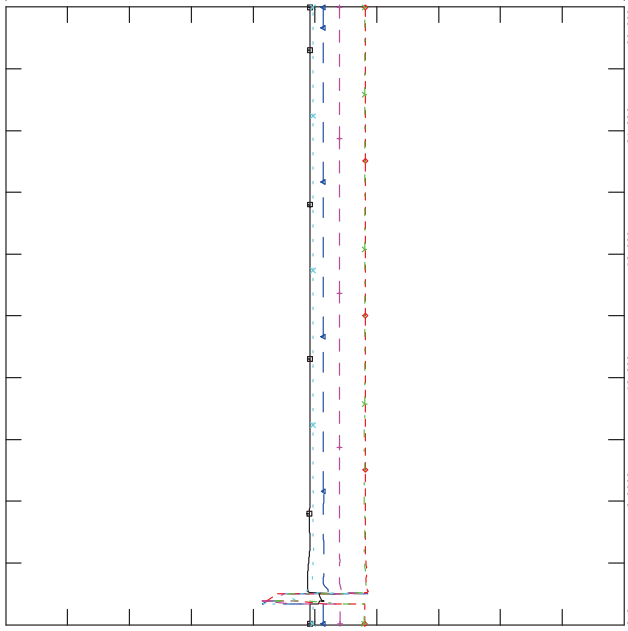
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_35_680L_NILREM

FILE: Scn4_2028SP_35_680L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [88SL Q]
529.08 -361.5
CHNL# 554: [9L27 Q]
1117.9 -1121.
CHNL# 552: [9L966 Q]
1113.7 -1040.
CHNL# 550: [954L Q]
302.33 -257.5
CHNL# 548: [9L20 Q]
1192.5 -1086.
CHNL# 546: [398L Q]
49.526 -44.35



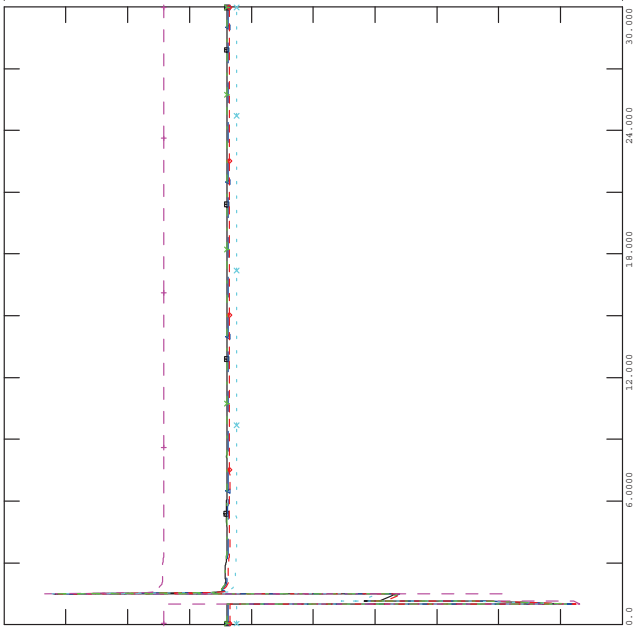
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CONTINGENCY -SCN4_2028SP_35_680L_NILREM

FILE: Scn4_2028SP_35_680L_Nilrem.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4506 0.28830
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5291 0.30780
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4030 -0.0455
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4527 0.28890
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4497 0.28660
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4591 0.27080



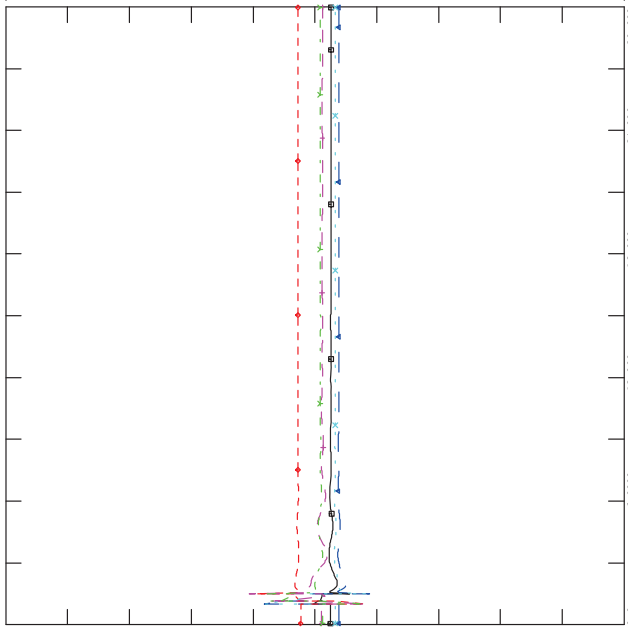
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_35_680L_NILREM

FILE: Scn4_2028SP_35_680L_Nilrem.out

TUE, AUG 13 2024 7:57

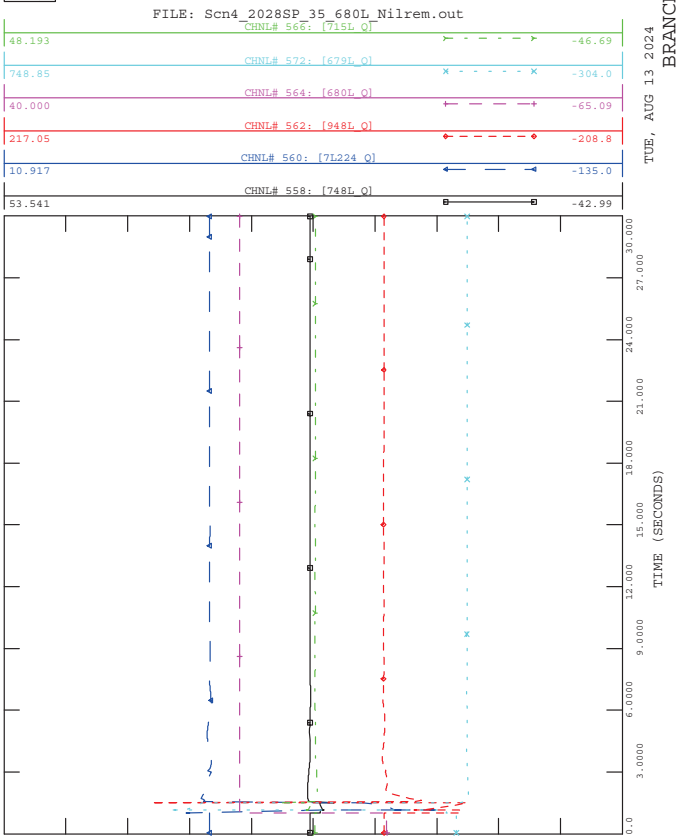
BRANCH P

CHNL# 555: [88SL P]
321.37 -171.9
CHNL# 553: [9L27 P]
416.83 -667.8
CHNL# 551: [9L966 P]
444.47 -252.7
CHNL# 549: [954L P]
202.79 -111.5
CHNL# 547: [9L20 P]
517.81 -949.2
CHNL# 545: [398L P]
44.187 -42.73



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_35_680L_NILREM

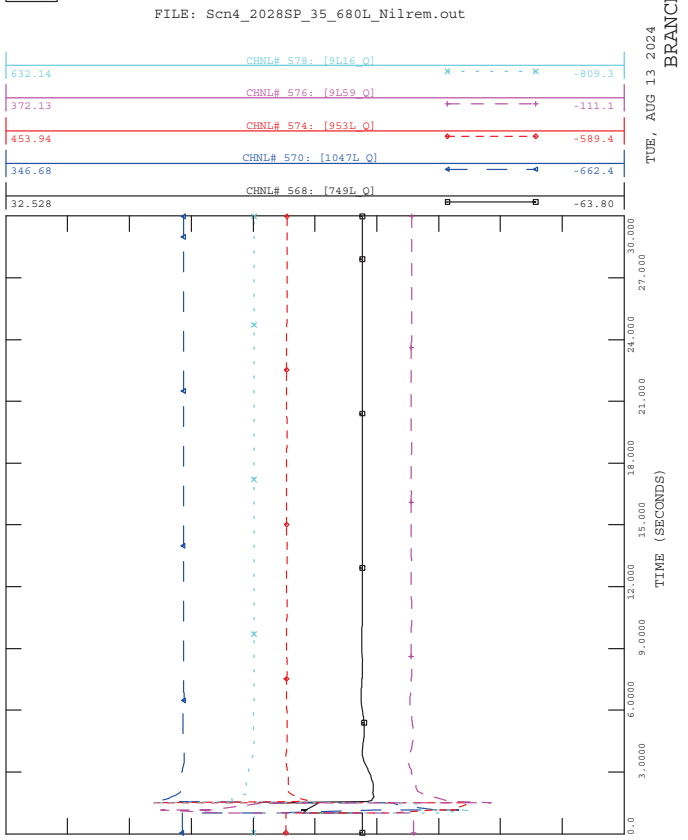
FILE: Scn4_2028SP_35_680L_Nilrem.out



TUE, AUG 13 2024 7:57 BRANCH Q

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_35_680L_NILREM

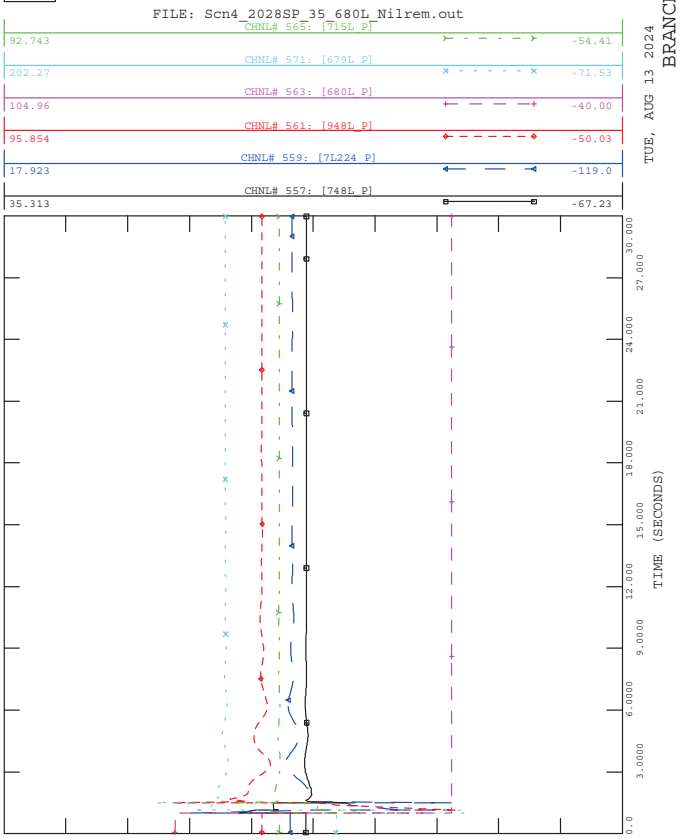
FILE: Scn4_2028SP_35_680L_Nilrem.out



TUE, AUG 13 2024 7:57 BRANCH Q

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_35_680L_NILREM

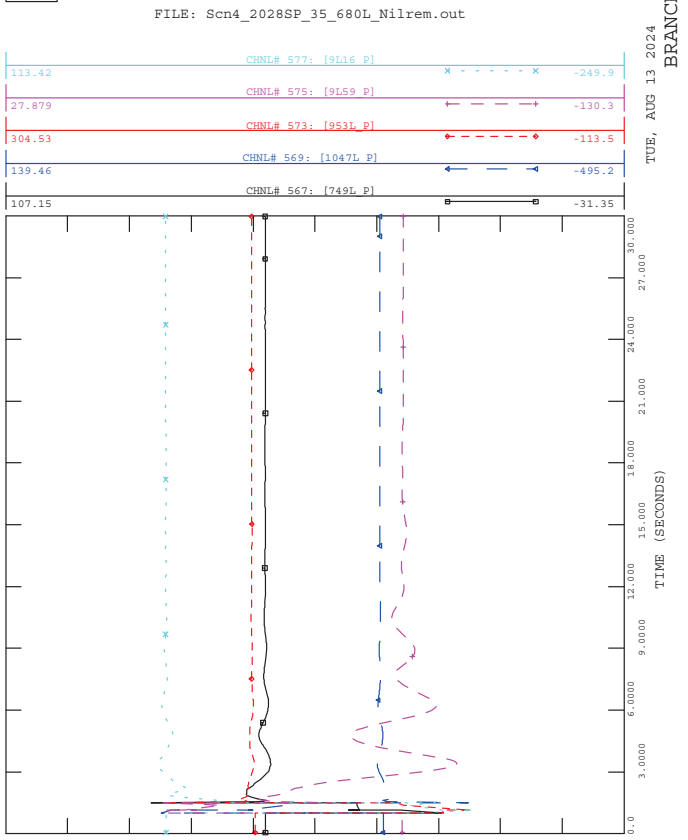
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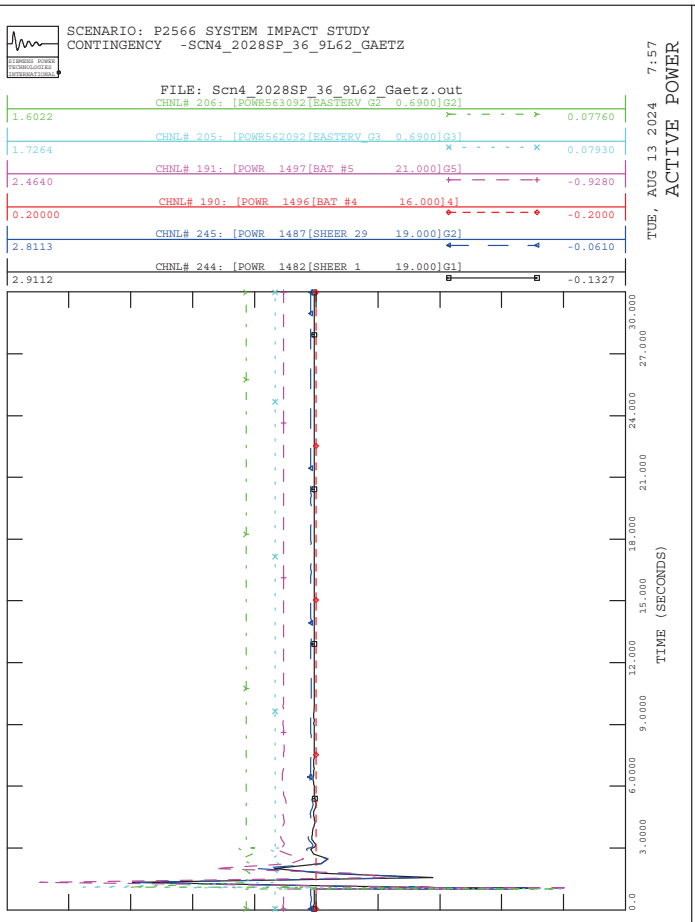
TUE, AUG 13 2024 7:57 BRANCH P

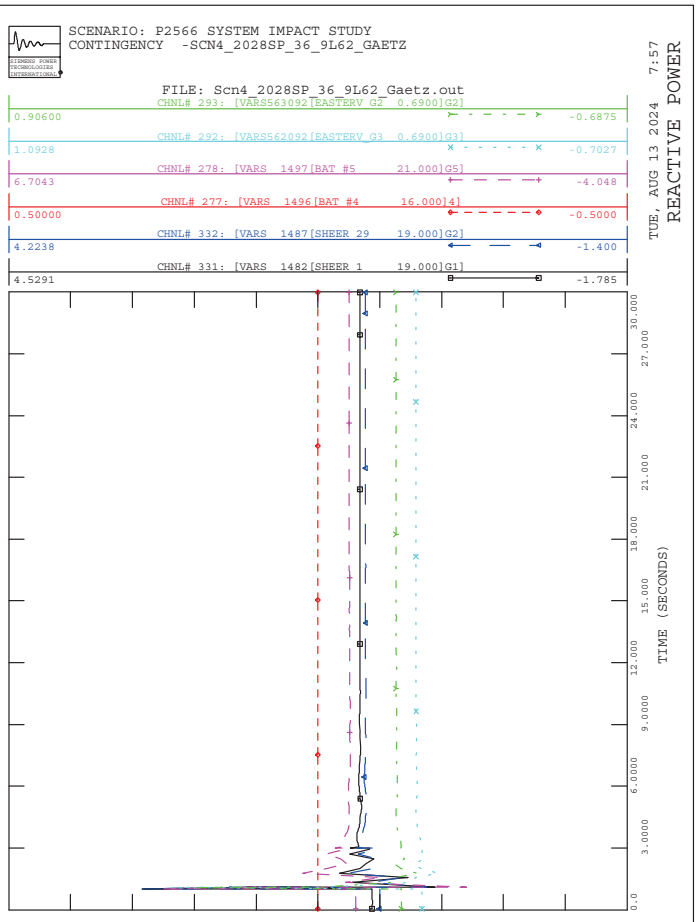
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_35_680L_NILREM

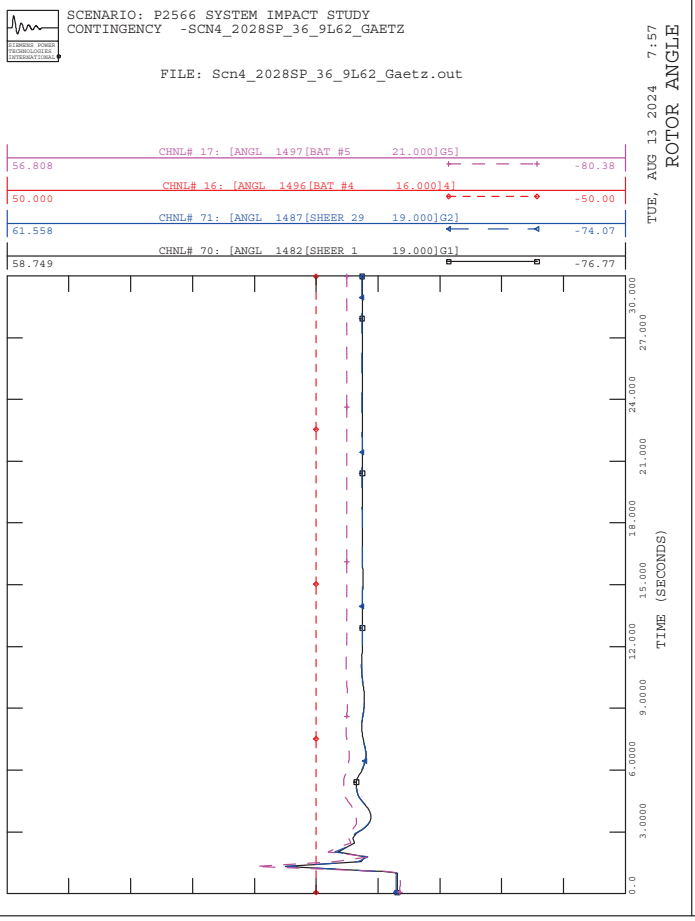
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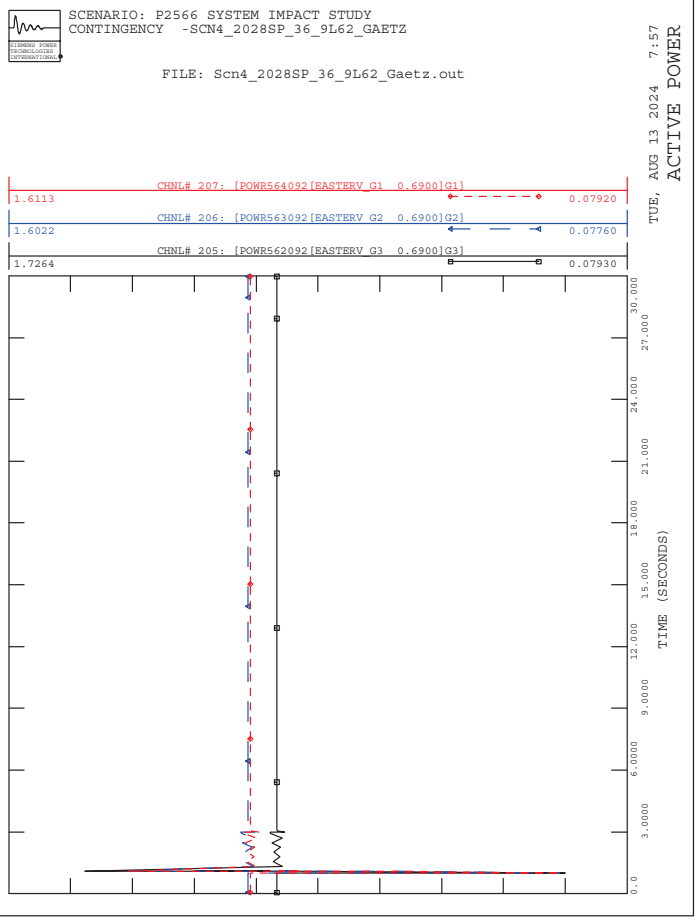


TUE, AUG 13 2024 7:57 BRANCH P


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_36_9L62_GAETZ
FILE: Scn4_2028SP_36_9L62_Gaetz.out
CHNL# 206: [POWRS63092[EASTERV G2 0.6900]G2]
1.6022
0.07760
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3]
1.7264
0.07930
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
2.4640
-0.9280
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000
-0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
2.8113
-0.0610
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
2.9112
-0.1327
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_36_9L62_GAETZ
FILE: Scn4_2028SP_36_9L62_Gaetz.out
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.90600
-0.6875
CHNL# 292: [VARS562092[EASTERV_G3 0.6900]G3]
1.0928
-0.7027
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
6.7043
-4.048
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000
-0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
4.2238
-1.400
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
4.5291
-1.785
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_36_9L62_GAETZ
FILE: Scn4_2028SP_36_9L62_Gaetz.out
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
56.808
-80.38
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000
-50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
61.558
-74.07
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
58.749
-76.77
TUE, AUG 13 2024 7:57
ROTOR ANGLE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_36_9L62_GAETZ
FILE: Scn4_2028SP_36_9L62_Gaetz.out
CHNL# 207: [POWR564092[EASTERV_G1 0.6900]G1]
1.6113
0.07920
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.6022
0.07760
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.7264
0.07930
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_36_9L62_GAETZ

FILE: Scn4_2028SP_36_9L62_Gaetz.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4112 0.37240
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4083 0.37370
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2254 0.59460
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2118 0.72460
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.2034 0.73600

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_36_9L62_GAETZ

FILE: Scn4_2028SP_36_9L62_Gaetz.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.3888 0.41170
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4643 0.41550
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3583 0.38240
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.3928 0.41510
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.3888 0.41130
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.3993 0.40530

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_36_9L62_GAETZ

FILE: Scn4_2028SP_36_9L62_Gaetz.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
0.90590 -0.6870
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.90600 -0.6875
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.0928 -0.7027

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_36_9L62_GAETZ

FILE: Scn4_2028SP_36_9L62_Gaetz.out

TUE, AUG 13 2024 7:57

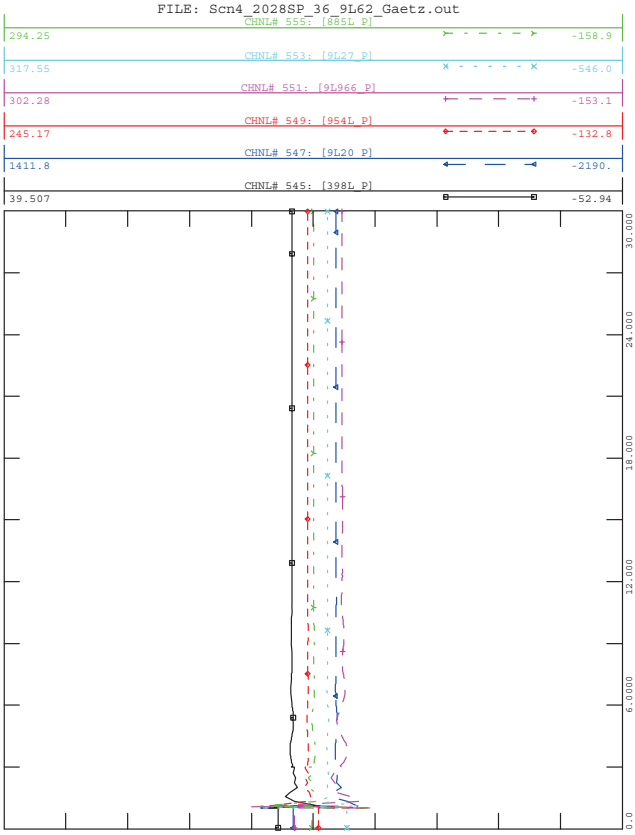
TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.4107 0.37340
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4112 0.37240
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4083 0.37370

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_36_9L62_GAETZ

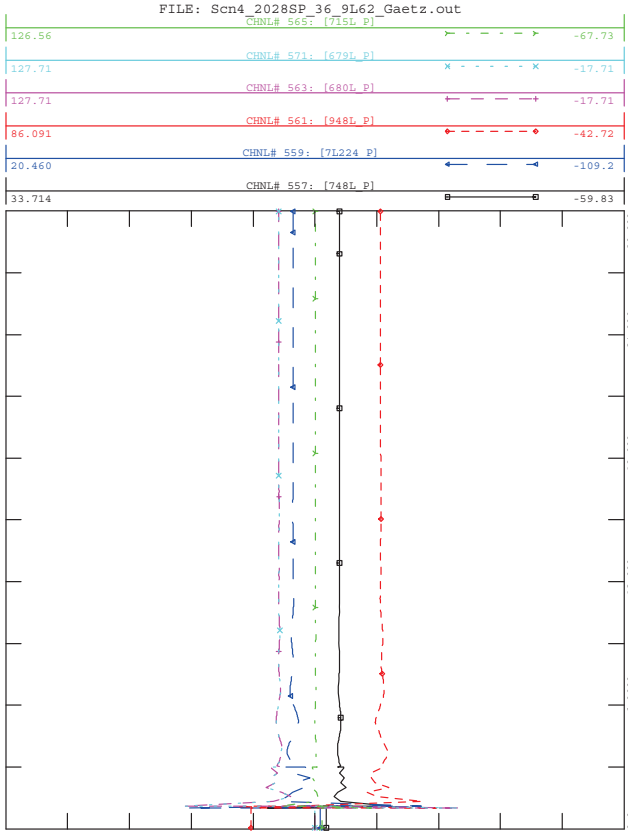
FILE: Scn4_2028SP_36_9L62_Gaetz.out



TUE, AUG 13 2024 7:57
BRANCH P

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_36_9L62_GAETZ

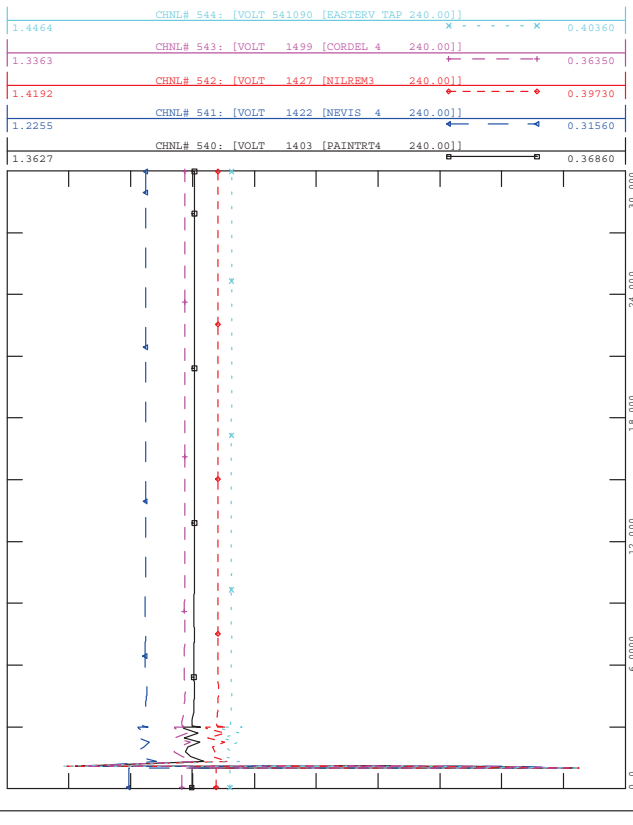
FILE: Scn4_2028SP_36_9L62_Gaetz.out



TUE, AUG 13 2024 7:57
BRANCH P

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_36_9L62_GAETZ

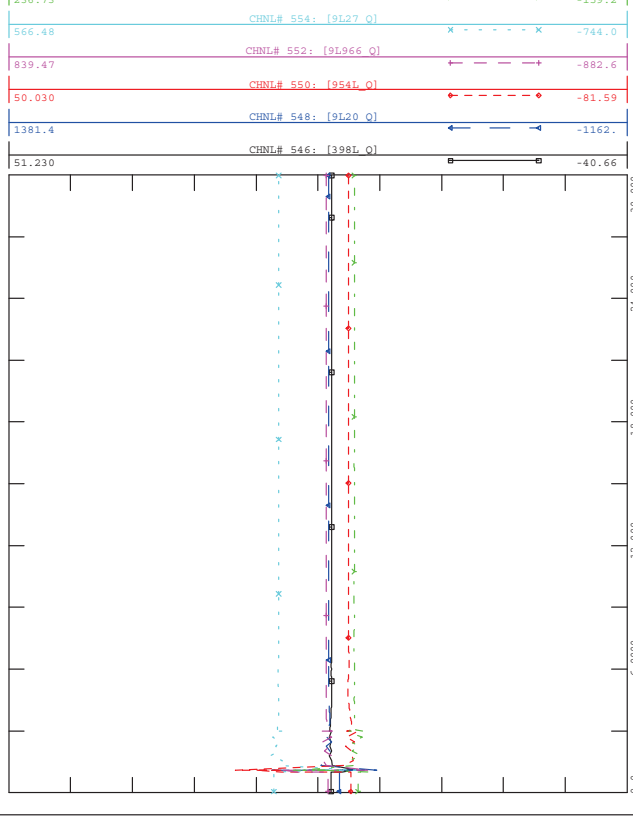
FILE: Scn4_2028SP_36_9L62_Gaetz.out



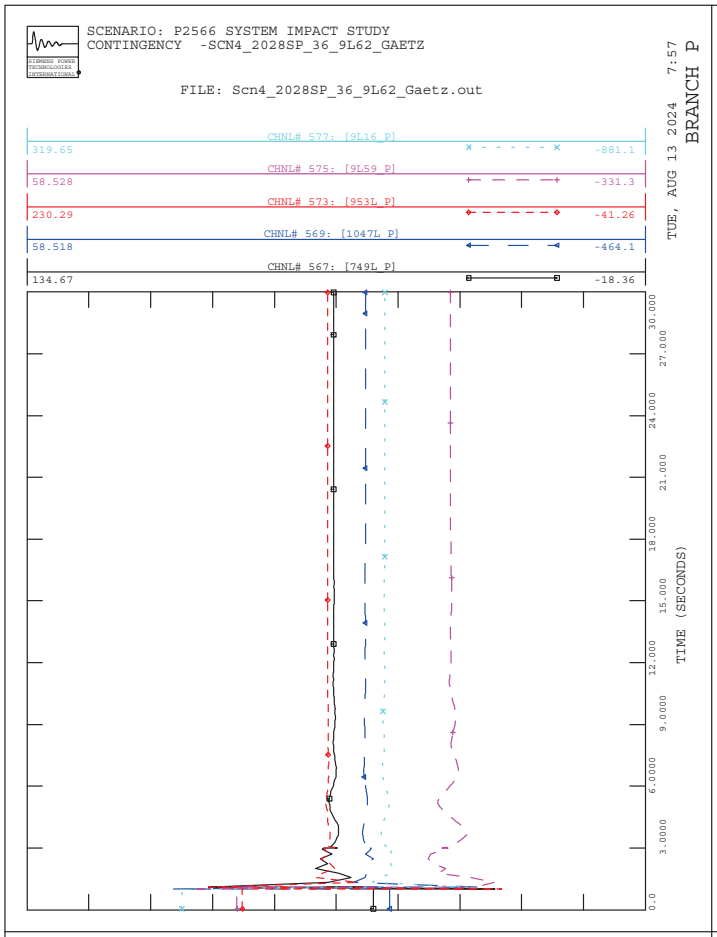
TUE, AUG 13 2024 7:57
BUS VOLTAGE

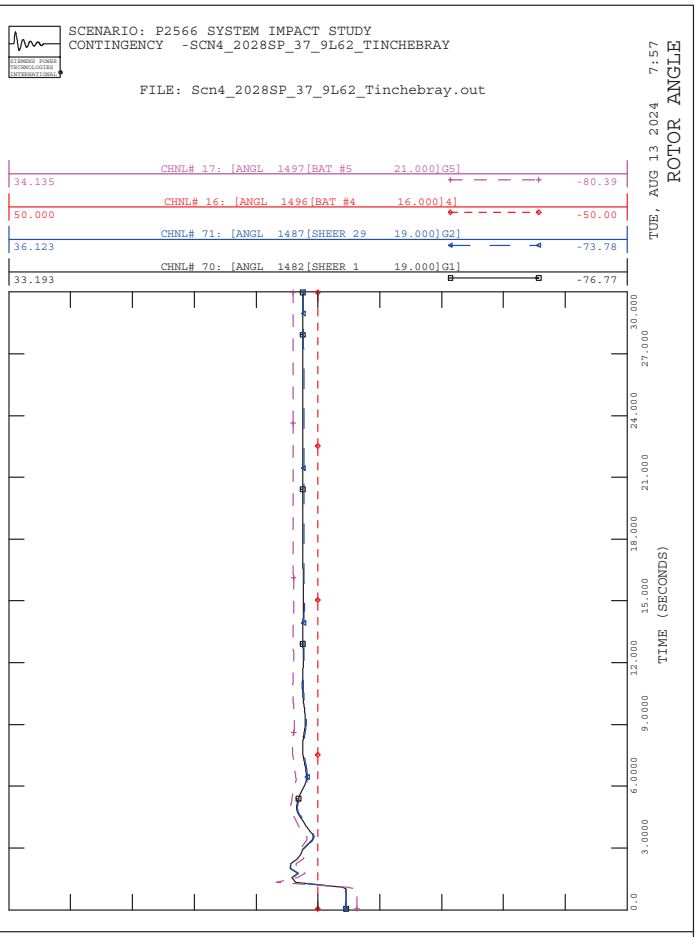
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_36_9L62_GAETZ

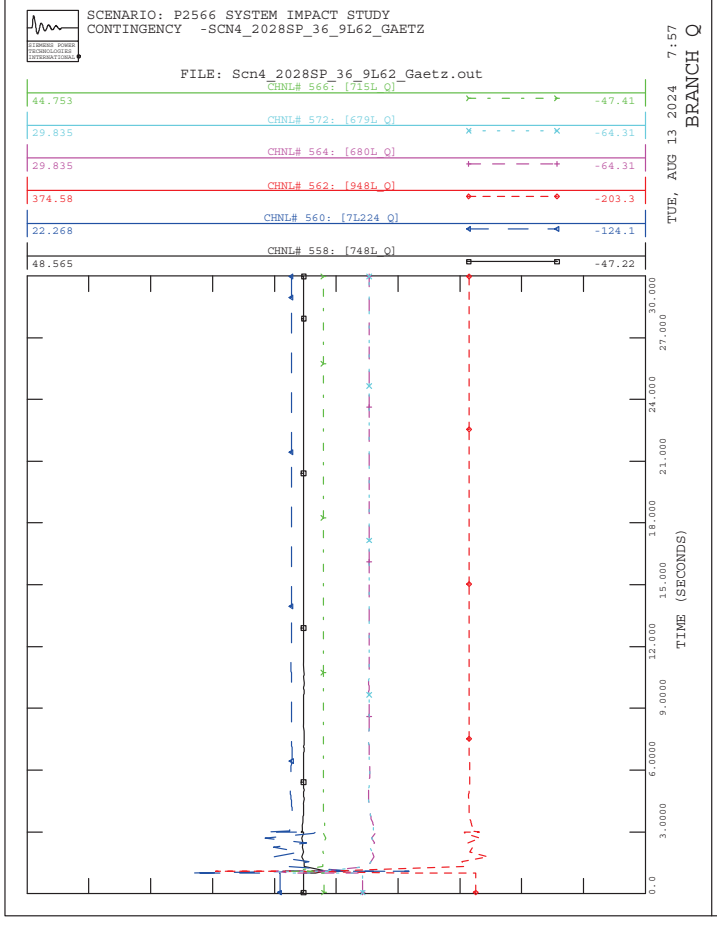
FILE: Scn4_2028SP_36_9L62_Gaetz.out

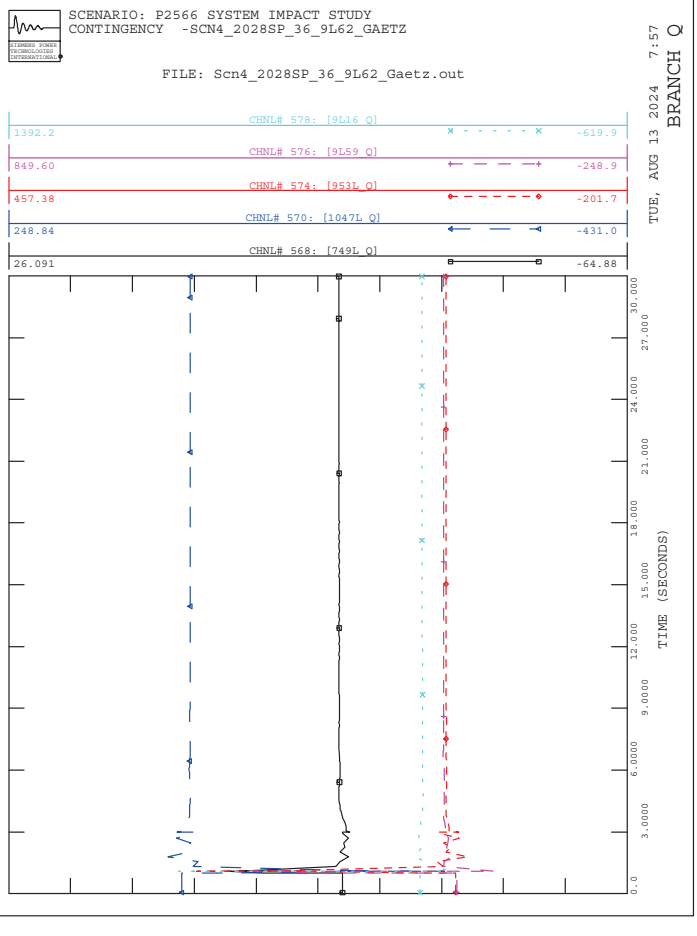


TUE, AUG 13 2024 7:57
BRANCH Q


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_36_9L62_GAETZ
FILE: Scn4_2028SP_36_9L62_Gaetz.out
CHNL# 577: [9L16 P]
319.65
-881.1
CHNL# 575: [9L59 P]
58.528
-331.3
CHNL# 573: [953L P]
230.29
-41.26
CHNL# 569: [1047L P]
58.518
-464.1
CHNL# 567: [749L P]
134.67
-18.36
BRANCH P
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_37_9L62_TINCHEBRAY
FILE: Scn4_2028SP_37_9L62_Tinchebray.out
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
34.135
-80.39
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000
-50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
36.123
-73.78
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
33.193
-76.77
ROTOR ANGLE
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_36_9L62_GAETZ
FILE: Scn4_2028SP_36_9L62_Gaetz.out
CHNL# 566: [715L Q]
44.753
-47.41
CHNL# 572: [679L Q]
29.835
-64.31
CHNL# 564: [680L Q]
29.835
-64.31
CHNL# 562: [948L Q]
374.58
-203.3
CHNL# 560: [7L224 Q]
22.268
-124.1
CHNL# 558: [748L Q]
48.565
-47.22
BRANCH Q
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_36_9L62_GAETZ
FILE: Scn4_2028SP_36_9L62_Gaetz.out
CHNL# 578: [9L16 Q]
1392.2
-619.9
CHNL# 576: [9L59 Q]
849.60
-248.9
CHNL# 574: [953L Q]
457.38
-201.7
CHNL# 570: [1047L Q]
248.84
-431.0
CHNL# 568: [749L Q]
26.091
-64.88
BRANCH Q
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_37_9L62_TINCHEBRAY

FILE: Scn4_2028SP_37_9L62_Tinchebray.out

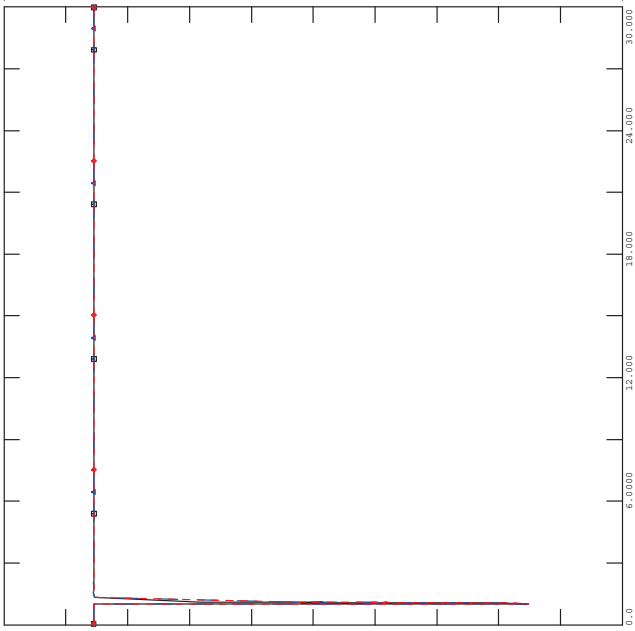
TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2128 -0.1705

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2128 -0.1709

CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2128 -0.1705



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_37_9L62_TINCHEBRAY

FILE: Scn4_2028SP_37_9L62_Tinchebray.out

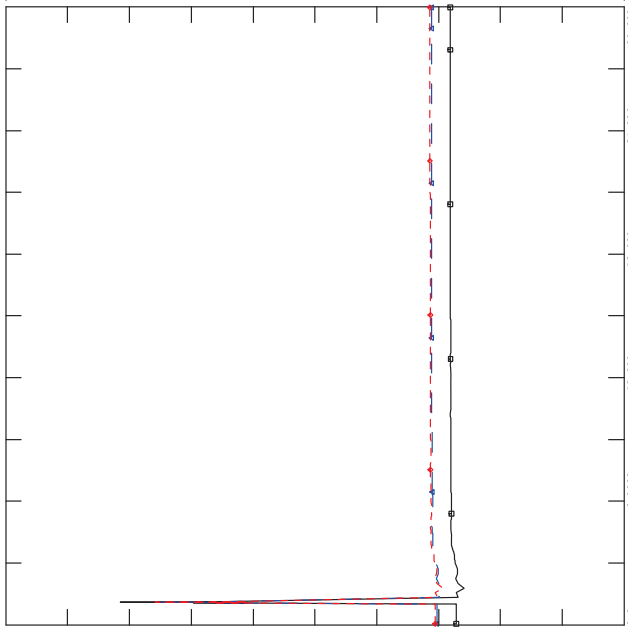
TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.0735 -0.6250

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.0870 -0.6251

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.2927 -0.6288



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_37_9L62_TINCHEBRAY

FILE: Scn4_2028SP_37_9L62_Tinchebray.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2128 -0.1709

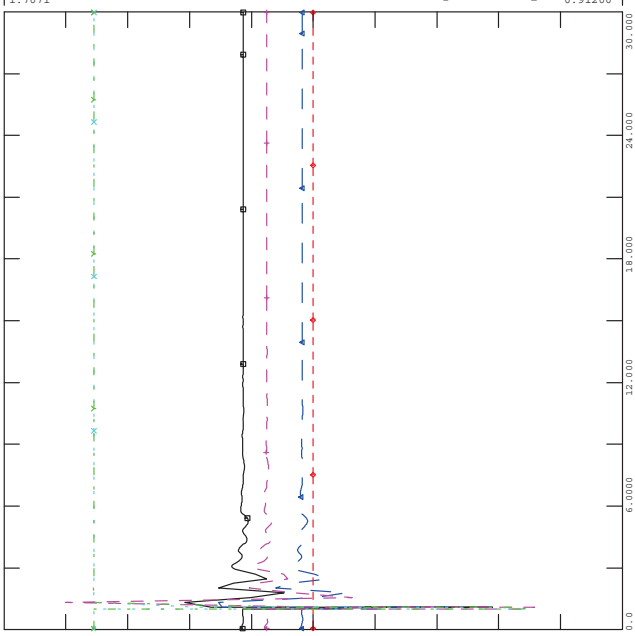
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2128 -0.1705

CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.5289 0.16170

CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000 -0.2000

CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
1.7732 0.99880

CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
1.7071 0.91200



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_37_9L62_TINCHEBRAY

FILE: Scn4_2028SP_37_9L62_Tinchebray.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.0870 -0.6251

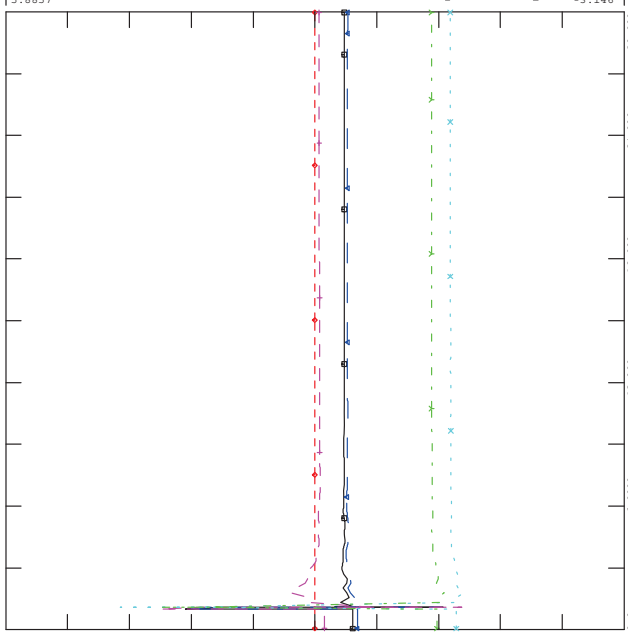
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.2927 -0.6288

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
7.7267 -5.970

CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000 -0.5000

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
5.3945 -2.594

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
5.8857 -3.146

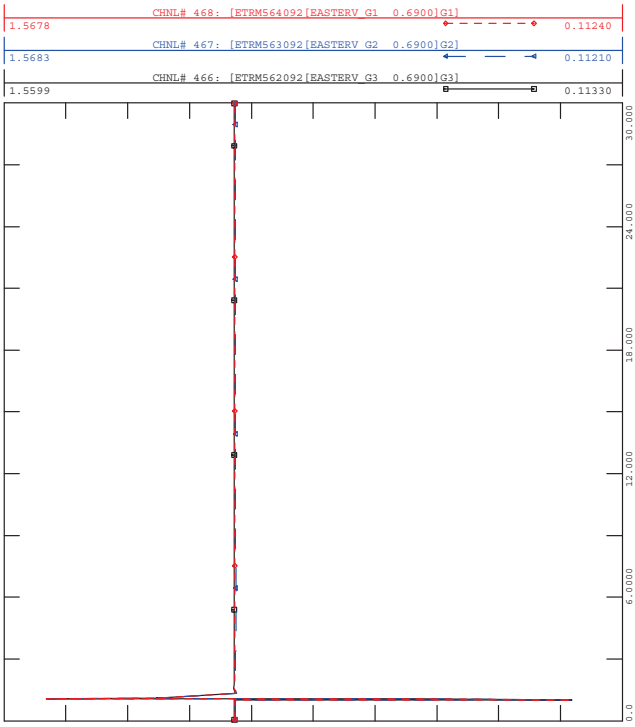


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_37_9L62_TINCHEBRAY

FILE: Scn4_2028SP_37_9L62_Tinchebray.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

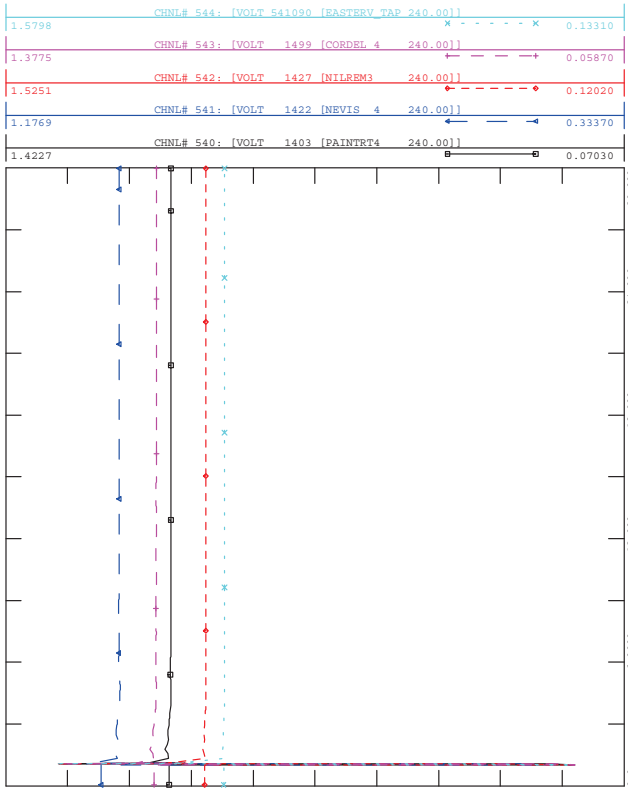


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_37_9L62_TINCHEBRAY

FILE: Scn4_2028SP_37_9L62_Tinchebray.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

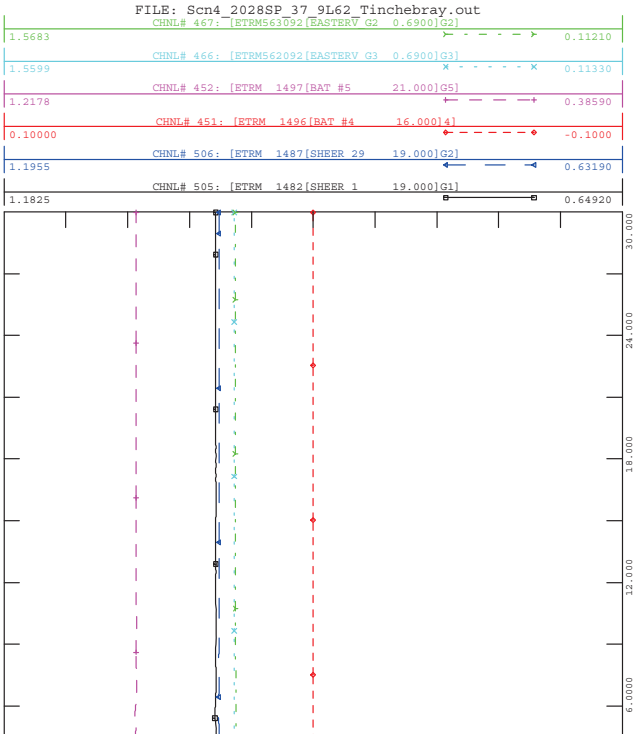


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_37_9L62_TINCHEBRAY

FILE: Scn4_2028SP_37_9L62_Tinchebray.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

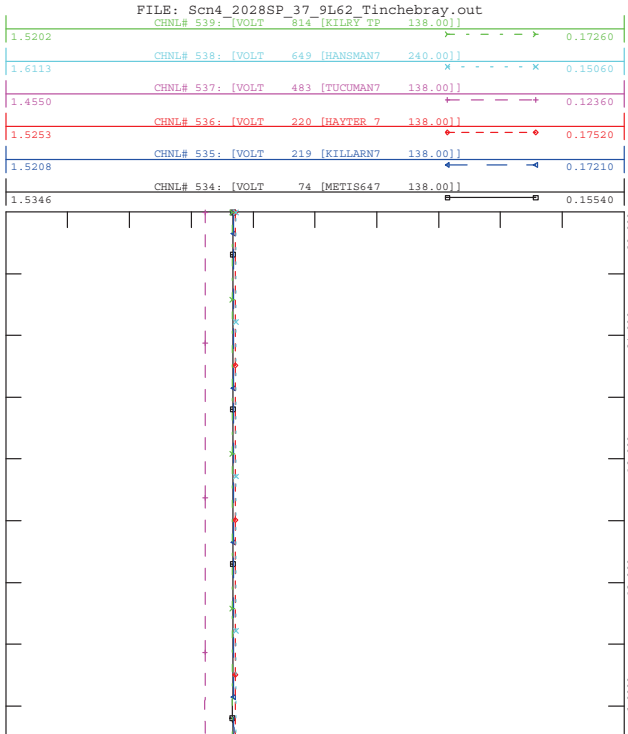


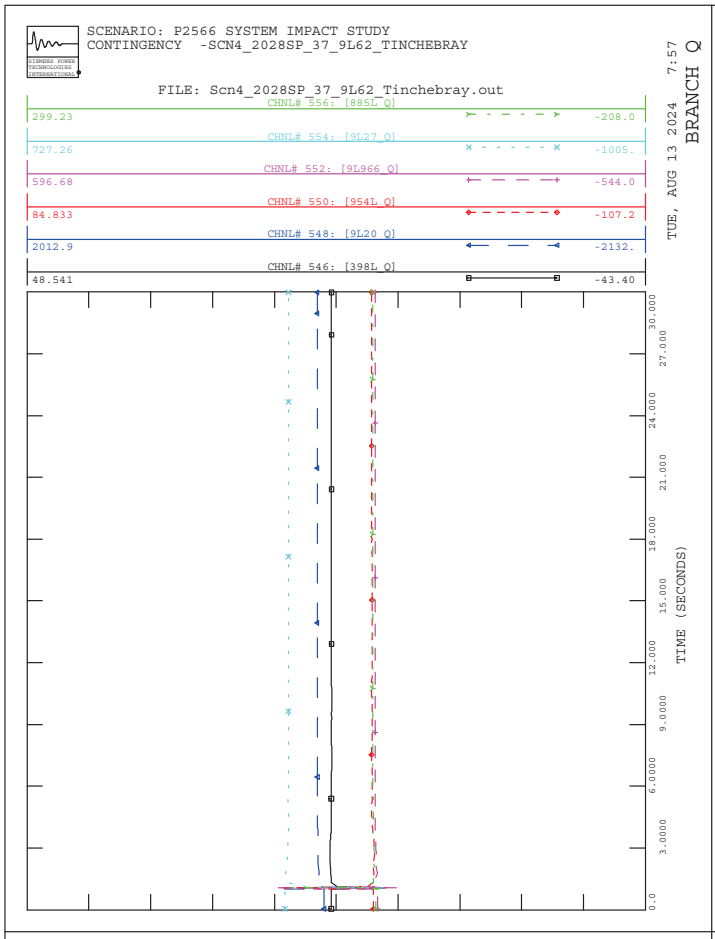
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_37_9L62_TINCHEBRAY

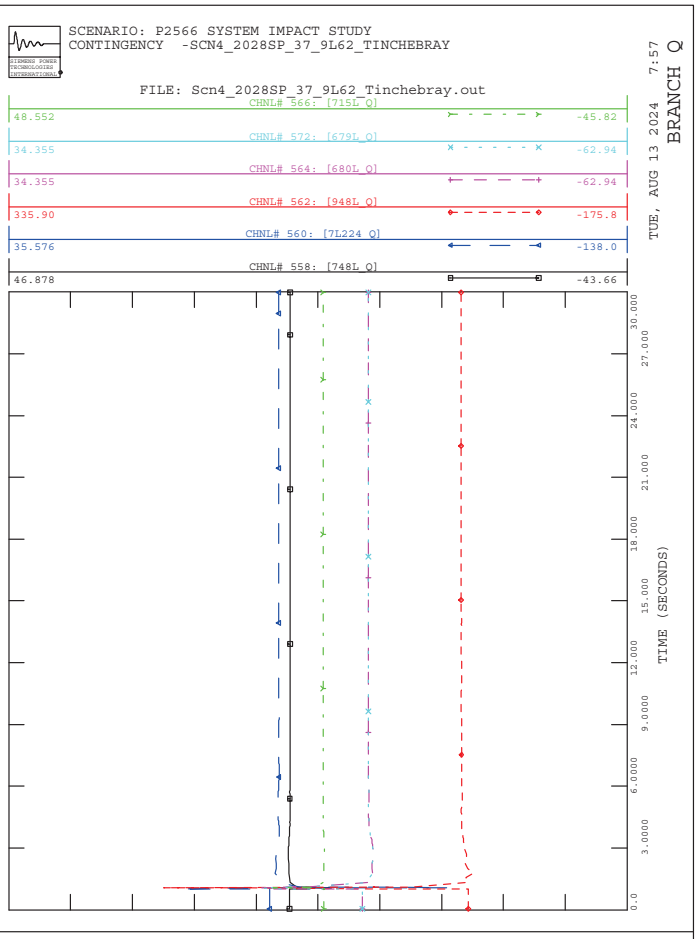
FILE: Scn4_2028SP_37_9L62_Tinchebray.out

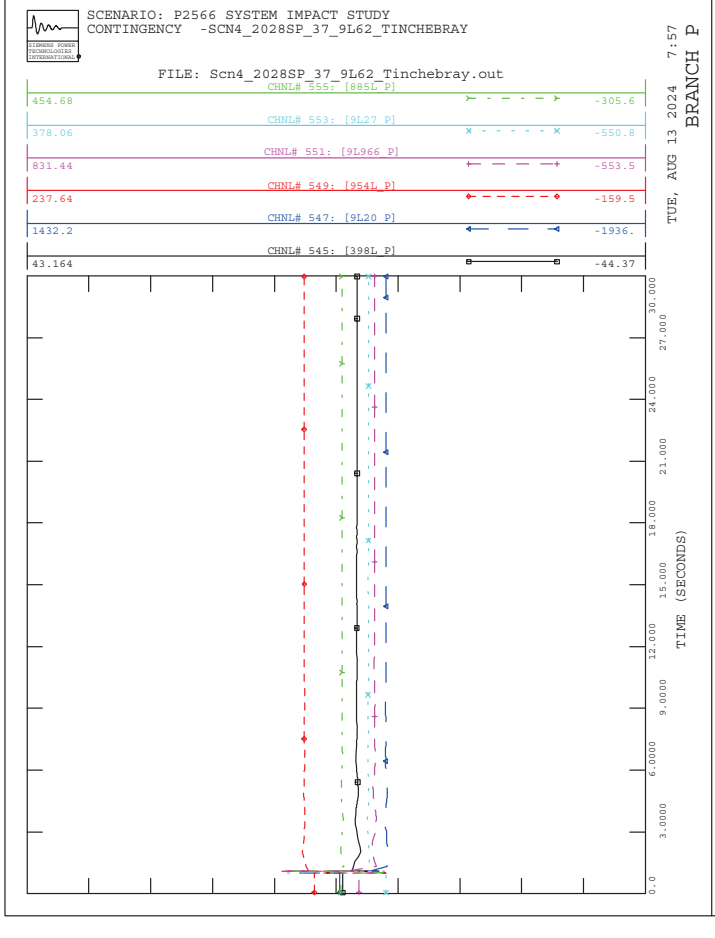
TUE, AUG 13 2024 7:57

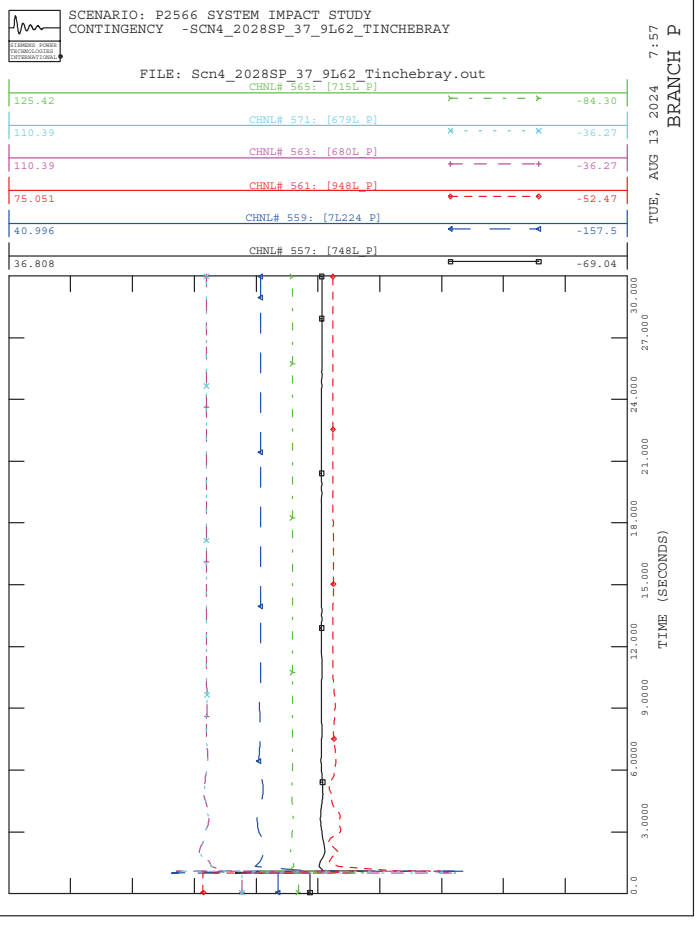
BUS VOLTAGE




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_37_9L62_TINCHEBRAY
FILE: Scn4_2028SP_37_9L62_Tinchebray.out
CHNL# 556: [885L Q]
299.23
-208.0
CHNL# 554: [9L27 Q]
727.26
-1005.
CHNL# 552: [9L966 Q]
596.68
-544.0
CHNL# 550: [954L Q]
84.833
-107.2
CHNL# 548: [9L20 Q]
2012.9
-2132.
CHNL# 546: [398L Q]
48.541
-43.40
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_37_9L62_TINCHEBRAY
FILE: Scn4_2028SP_37_9L62_Tinchebray.out
CHNL# 566: [715L Q]
48.552
-45.82
CHNL# 572: [679L Q]
34.355
-62.94
CHNL# 564: [680L Q]
34.355
-62.94
CHNL# 562: [948L Q]
335.90
-175.8
CHNL# 560: [7L224 Q]
35.576
-138.0
CHNL# 558: [748L Q]
46.878
-43.66
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_37_9L62_TINCHEBRAY
FILE: Scn4_2028SP_37_9L62_Tinchebray.out
CHNL# 555: [885L P]
454.68
-305.6
CHNL# 553: [9L27 P]
378.06
-550.8
CHNL# 551: [9L966 P]
831.44
-553.5
CHNL# 549: [954L P]
237.64
-159.5
CHNL# 547: [9L20 P]
1432.2
-1936.
CHNL# 545: [398L P]
43.164
-44.37
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_37_9L62_TINCHEBRAY
FILE: Scn4_2028SP_37_9L62_Tinchebray.out
CHNL# 565: [715L P]
125.42
-84.30
CHNL# 571: [679L P]
110.39
-36.27
CHNL# 563: [680L P]
110.39
-36.27
CHNL# 561: [948L P]
75.051
-52.47
CHNL# 559: [7L224 P]
40.996
-157.5
CHNL# 557: [748L P]
36.808
-69.04
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
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3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

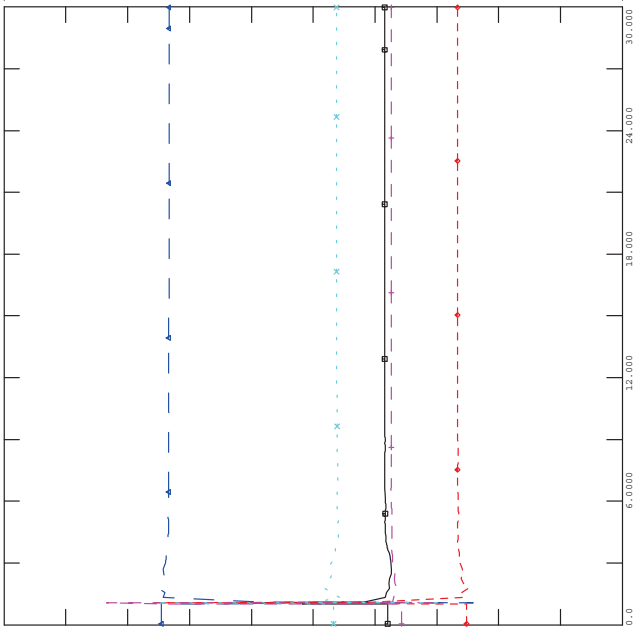
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_37_9L62_TINCHEBRAY

FILE: Scn4_2028SP_37_9L62_Tinchebray.out

BRANCH Q

TUE, AUG 13 2024 7:57

CHNL# 578: [9L16_Q] 696.31 -508.7
CHNL# 576: [9L59_Q] 942.47 -439.6
CHNL# 574: [953L_Q] 507.49 -196.3
CHNL# 570: [1047L_Q] 253.82 -512.8
CHNL# 568: [749L_Q] 43.334 -63.61



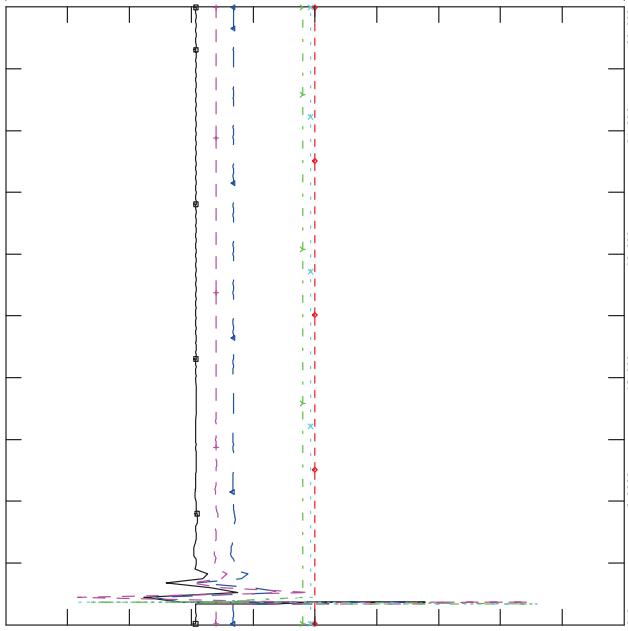
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_38_912L_NEVIS

FILE: Scn4_2028SP_38_912L_Nevis.out

ACTIVE POWER

TUE, AUG 13 2024 7:57

CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2] 1.7984 0.16180
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3] 1.8376 0.16390
CHNL# 191: [POWR 1497[BAT #5 21.000]G5] 1.5454 -0.2117
CHNL# 190: [POWR 1496[BAT #4 16.000]4] 0.20000 -0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2] 1.7696 0.76450
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1] 1.7370 0.64030



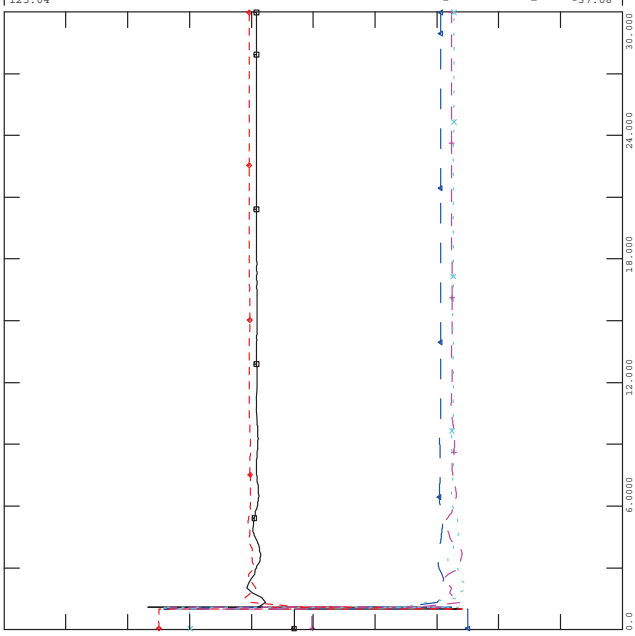
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_37_9L62_TINCHEBRAY

FILE: Scn4_2028SP_37_9L62_Tinchebray.out

BRANCH P

TUE, AUG 13 2024 7:57

CHNL# 577: [9L16_P] 296.26 -627.8
CHNL# 575: [9L59_P] 221.42 -371.5
CHNL# 573: [953L_P] 199.29 -54.70
CHNL# 569: [1047L_P] 99.132 -363.7
CHNL# 567: [749L_P] 125.04 -37.08



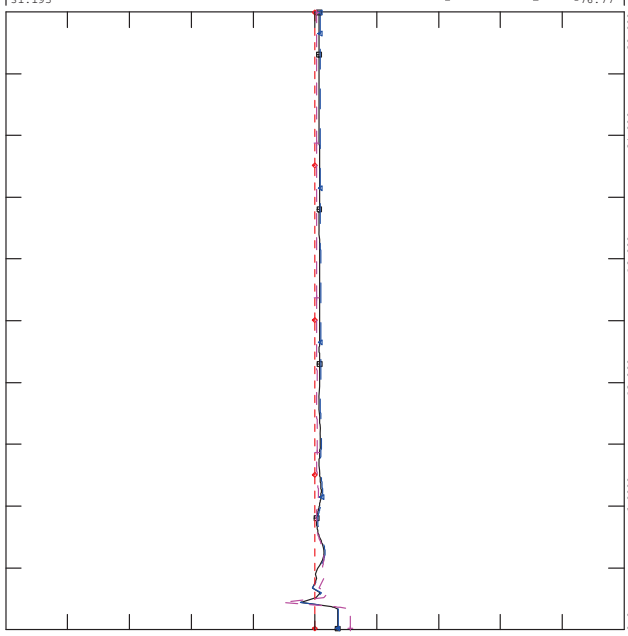
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_38_912L_NEVIS

FILE: Scn4_2028SP_38_912L_Nevis.out

ROTOR ANGLE

TUE, AUG 13 2024 7:57

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5] 32.637 -80.38
CHNL# 16: [ANGL 1496[BAT #4 16.000]4] 50.000 -50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2] 34.311 -73.78
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1] 31.195 -76.77



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_38_912L_NEVIS

FILE: Scn4_2028SP_38_912L_Nevis.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.91520 -0.6288

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.0348 -0.6335

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
6.0782 -2.865

CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000 -0.5000

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
3.6108 -0.4273

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
3.9073 -0.8547

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_38_912L_NEVIS

FILE: Scn4_2028SP_38_912L_Nevis.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4553 0.42840

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4528 0.42970

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1801 0.62850

CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1668 0.74350

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1580 0.75350

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_38_912L_NEVIS

FILE: Scn4_2028SP_38_912L_Nevis.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.8061 0.16370

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.7984 0.16180

CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.8376 0.16390

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_38_912L_NEVIS

FILE: Scn4_2028SP_38_912L_Nevis.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
0.88370 -0.6287

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.91520 -0.6288

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.0348 -0.6335

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

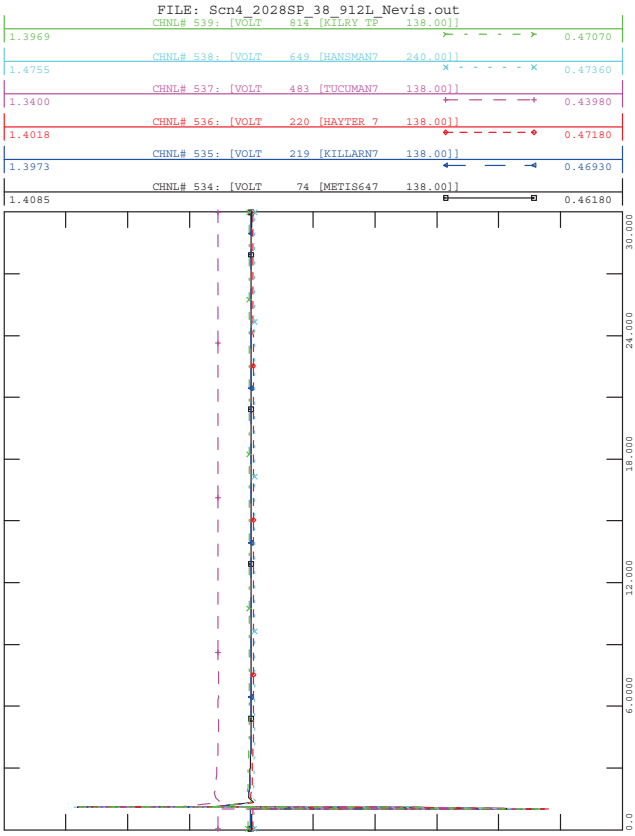
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_38_912L_NEVIS

FILE: Scn4_2028SP_38_912L_Nevis.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

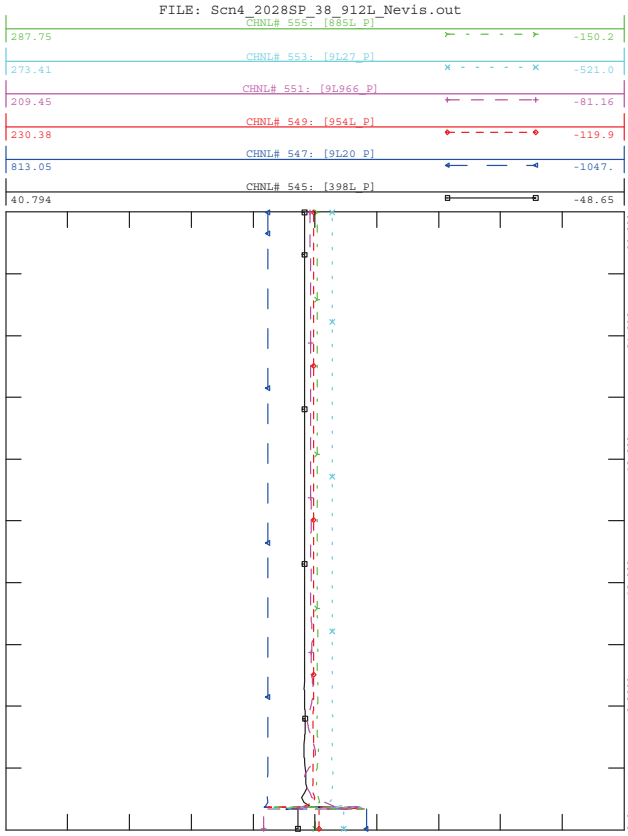


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_38_912L_NEVIS

FILE: Scn4_2028SP_38_912L_Nevis.out

TUE, AUG 13 2024 7:57

BRANCH P

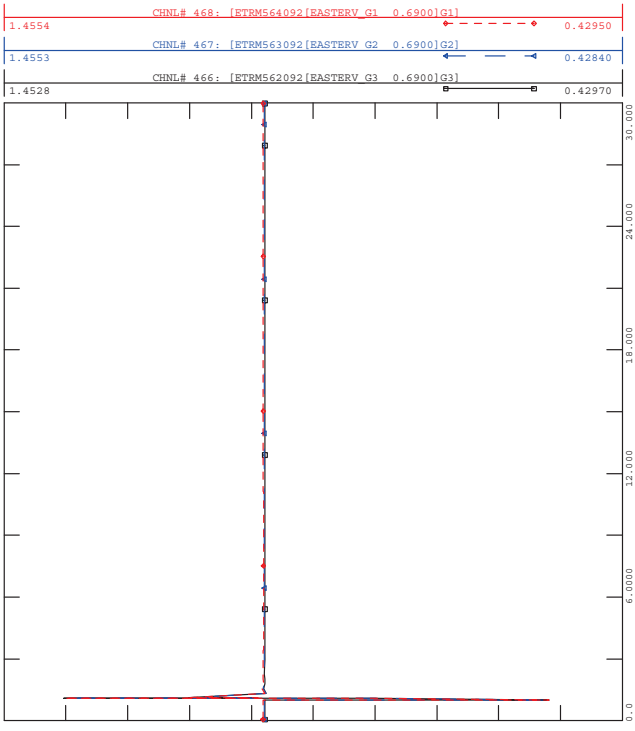


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_38_912L_NEVIS

FILE: Scn4_2028SP_38_912L_Nevis.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

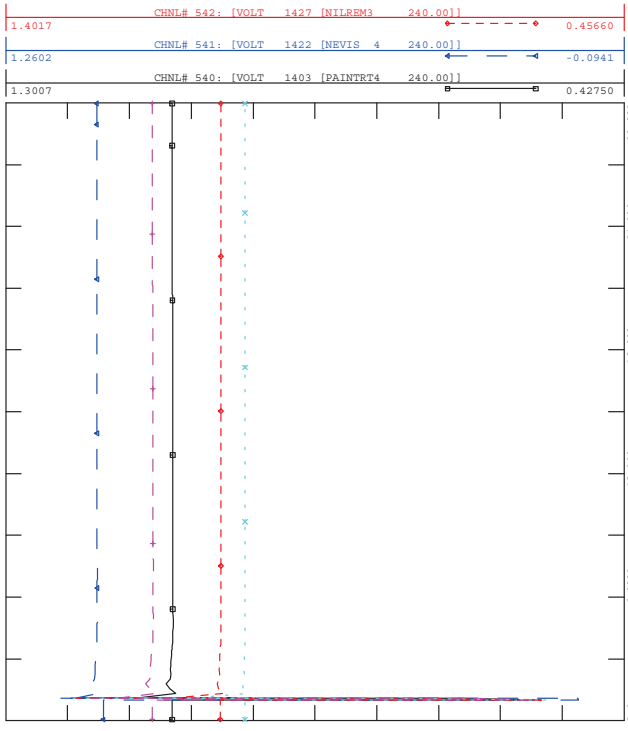


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_38_912L_NEVIS

FILE: Scn4_2028SP_38_912L_Nevis.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE



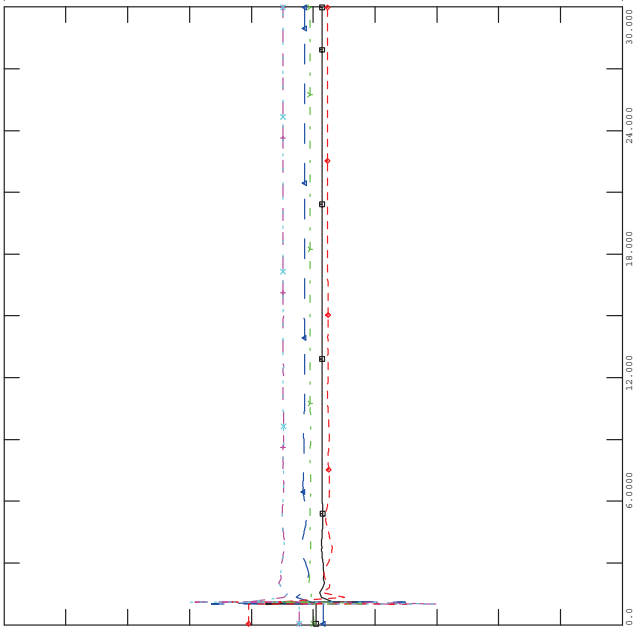
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_38_912L_NEVIS

FILE: Scn4_2028SP_38_912L_Nevis.out

BRANCH P

TUE, AUG 13 2024 7:57

CHNL# 565: [715L P] 111.82 -57.02
CHNL# 571: [679L P] 120.33 -16.46
CHNL# 563: [680L P] 120.33 -16.46
CHNL# 561: [948L P] 81.986 -36.82
CHNL# 559: [7L224 P] 19.276 -106.2
CHNL# 557: [748L P] 32.794 -61.43



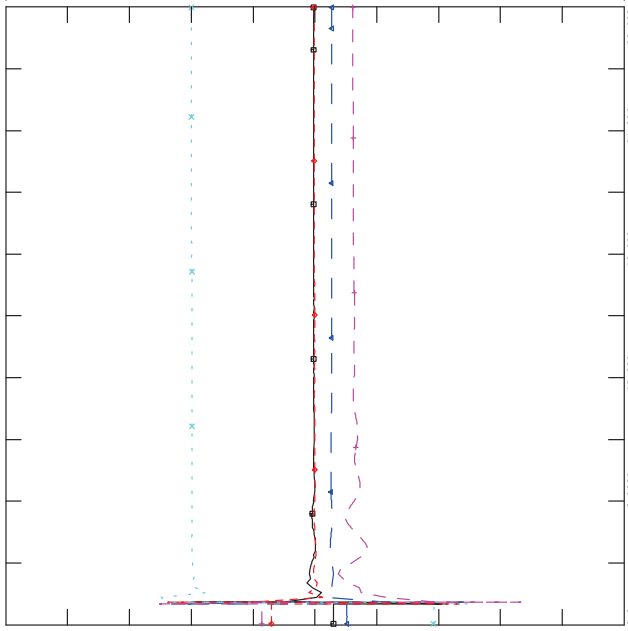
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_38_912L_NEVIS

FILE: Scn4_2028SP_38_912L_Nevis.out

BRANCH P

TUE, AUG 13 2024 7:57

CHNL# 577: [9L16 P] 454.57 -173.9
CHNL# 575: [9L59 P] 29.371 -219.5
CHNL# 573: [953L P] 259.17 -28.16
CHNL# 569: [1047L P] 37.562 -479.9
CHNL# 567: [749L P] 125.89 -19.28



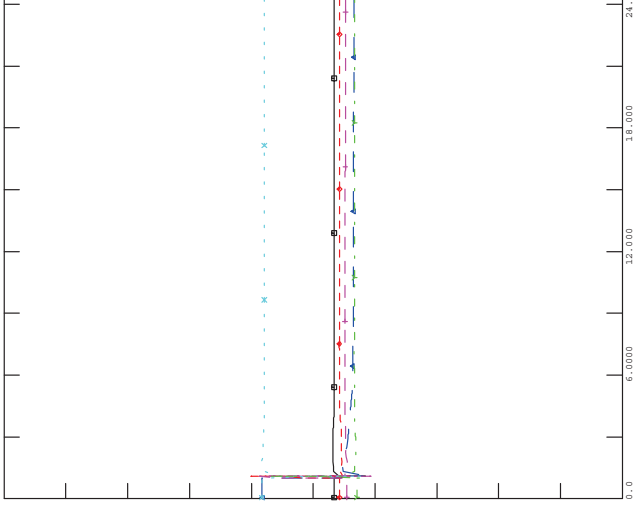
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_38_912L_NEVIS

FILE: Scn4_2028SP_38_912L_Nevis.out

BRANCH Q

TUE, AUG 13 2024 7:57

CHNL# 556: [885L Q] 221.81 -144.3
CHNL# 554: [9L27 Q] 573.51 -789.6
CHNL# 552: [9L966 Q] 502.81 -494.5
CHNL# 550: [954L Q] 66.975 -98.26
CHNL# 548: [9L20 Q] 125.52 -122.4
CHNL# 546: [398L Q] 50.532 -37.84



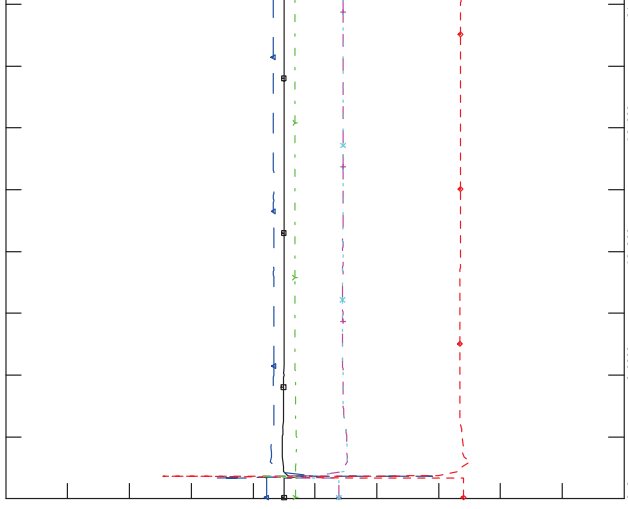
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_38_912L_NEVIS

FILE: Scn4_2028SP_38_912L_Nevis.out

BRANCH Q

TUE, AUG 13 2024 7:57

CHNL# 566: [715L Q] 42.224 -46.94
CHNL# 572: [679L Q] 26.797 -62.41
CHNL# 564: [680L Q] 26.797 -62.41
CHNL# 562: [948L Q] 282.88 -159.5
CHNL# 560: [7L224 Q] 20.152 -116.8
CHNL# 558: [748L Q] 47.053 -44.79

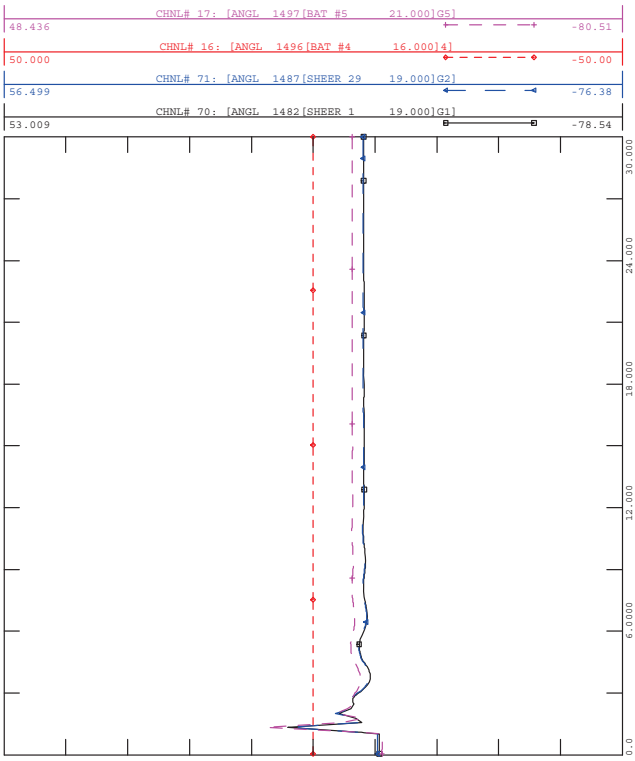


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_39_912L_REDDEER

FILE: Scn4_2028SP_39_912L_RedDeer.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

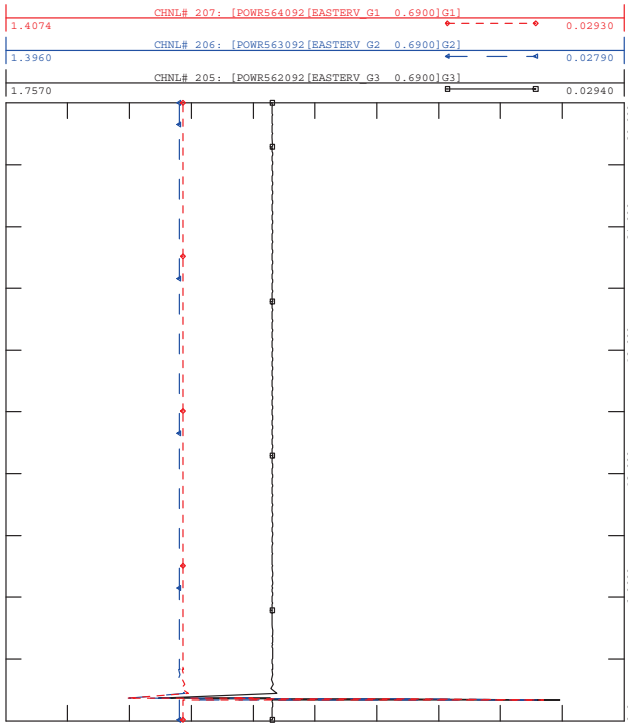


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_39_912L_REDDEER

FILE: Scn4_2028SP_39_912L_RedDeer.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

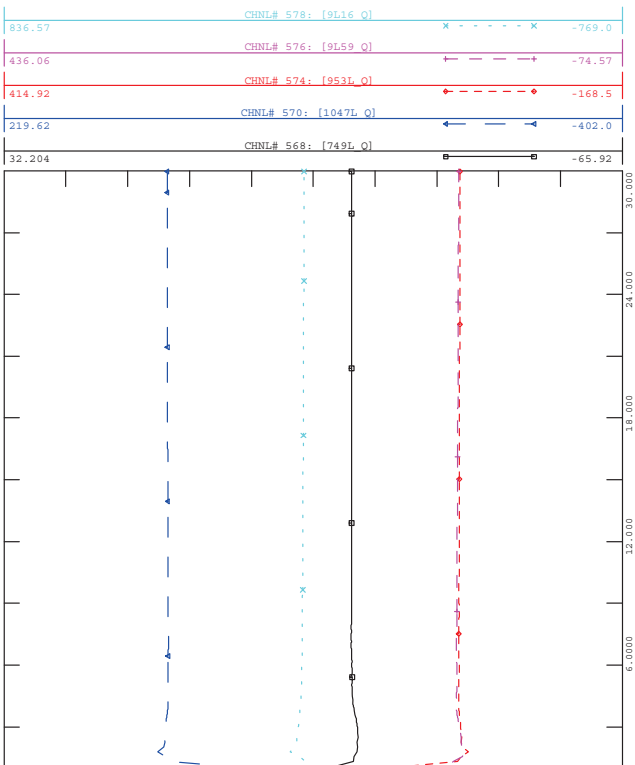


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_38_912L_NEVIS

FILE: Scn4_2028SP_38_912L_Nevis.out

TUE, AUG 13 2024 7:57

BRANCH Q

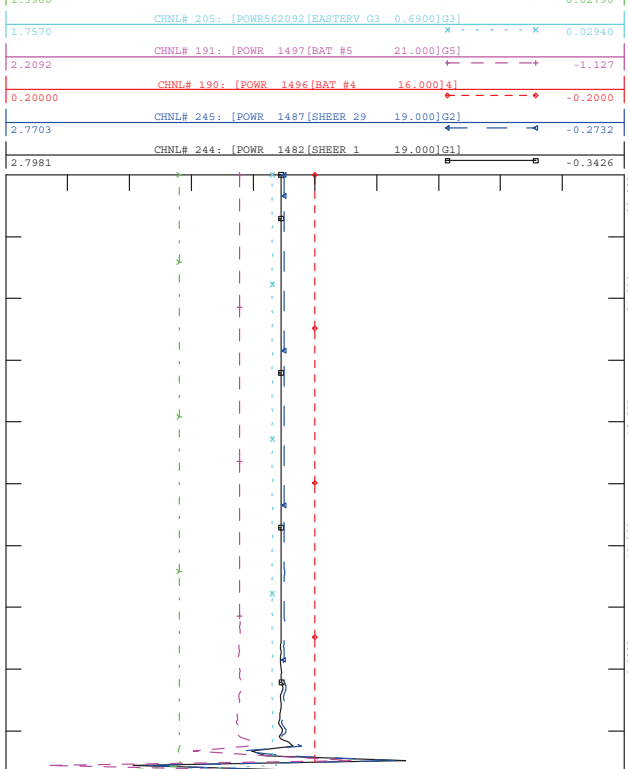


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CONTINGENCY -SCN4_2028SP_39_912L_REDDEER

FILE: Scn4_2028SP_39_912L_RedDeer.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

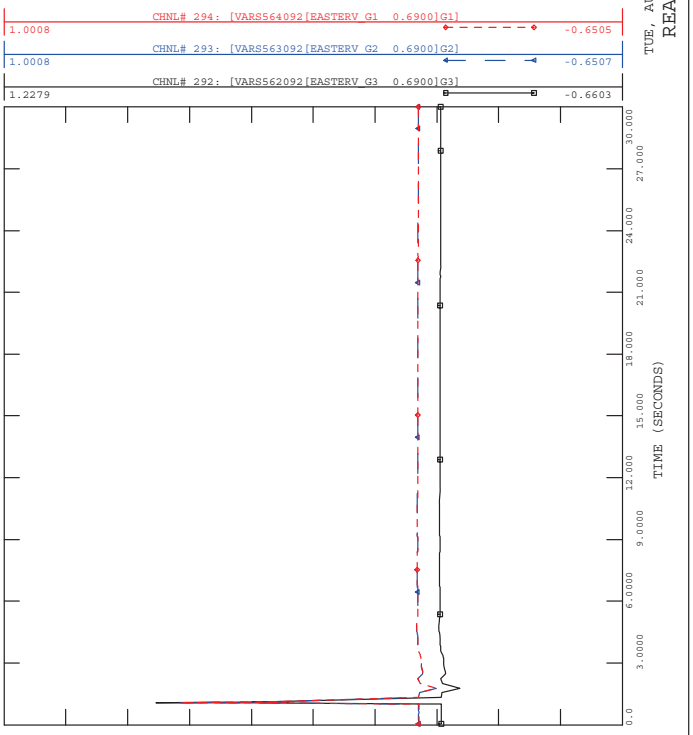


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_39_912L_REDDEER

FILE: Scn4_2028SP_39_912L_RedDeer.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

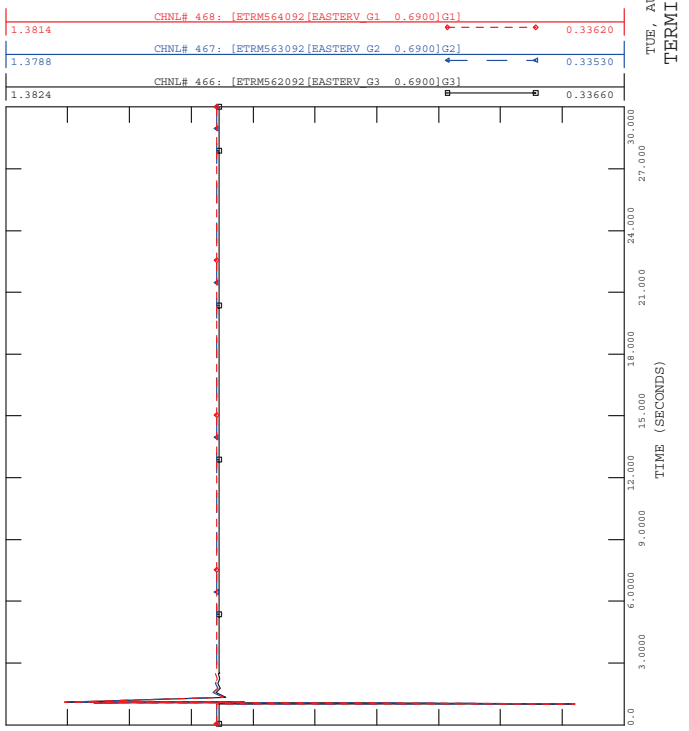


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_39_912L_REDDEER

FILE: Scn4_2028SP_39_912L_RedDeer.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

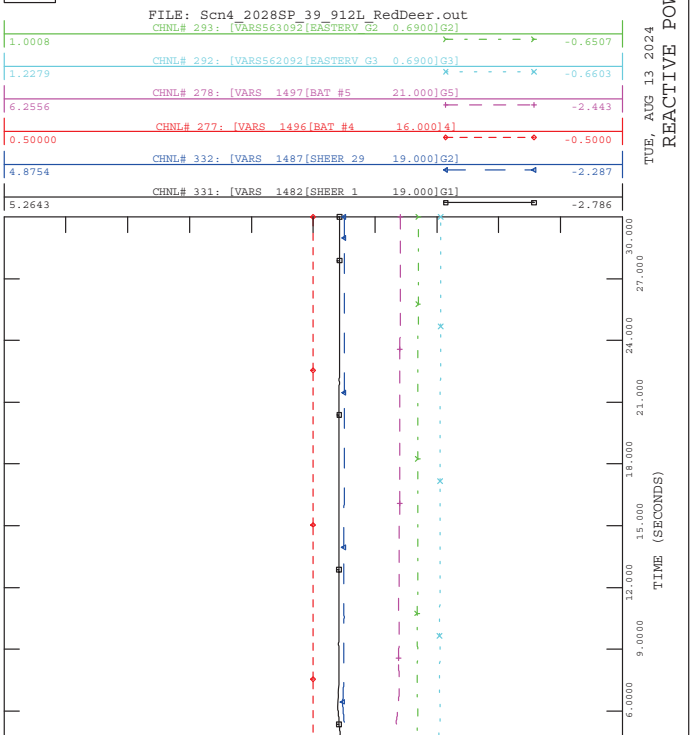


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_39_912L_REDDEER

FILE: Scn4_2028SP_39_912L_RedDeer.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

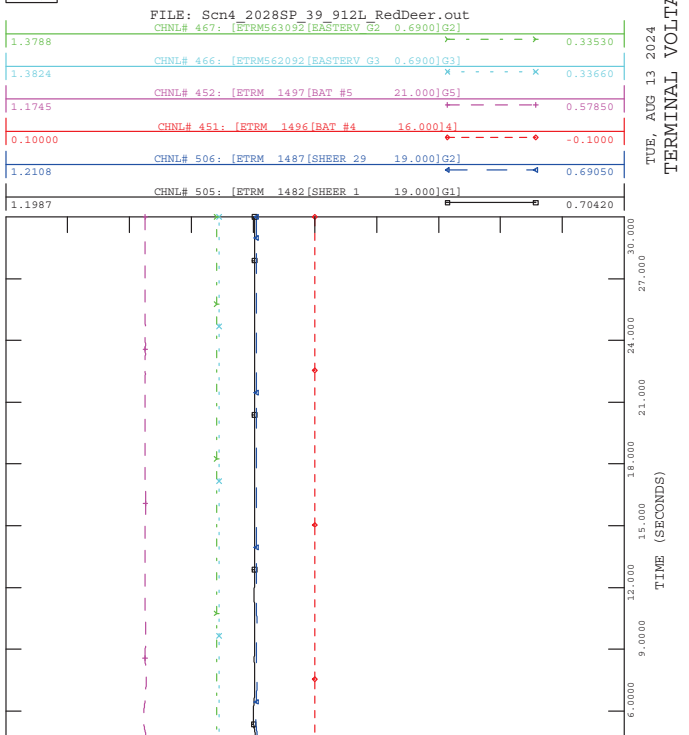


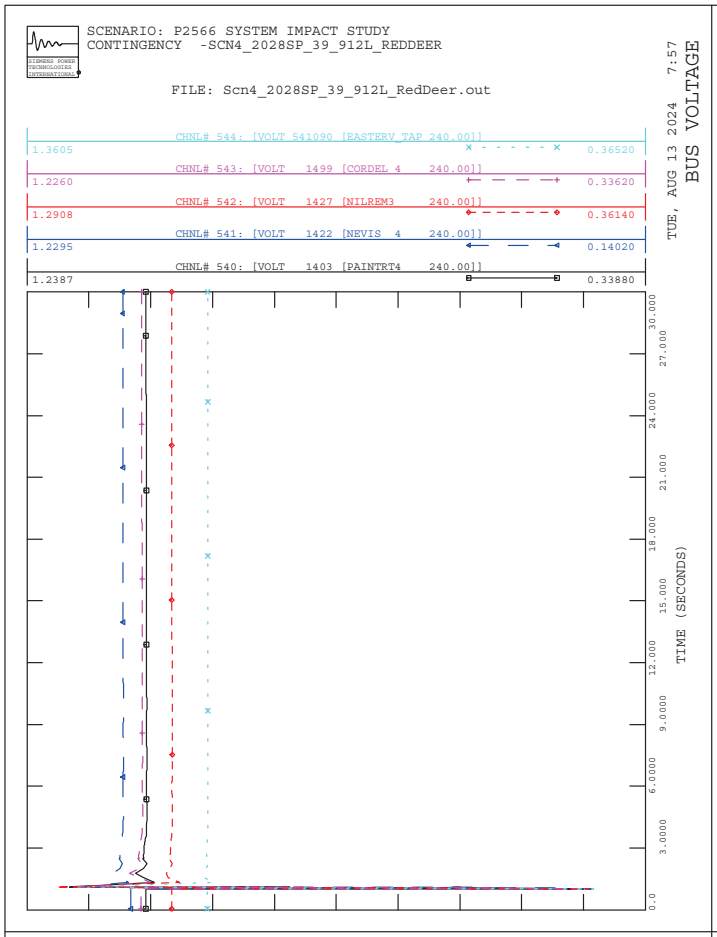
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_39_912L_REDDEER

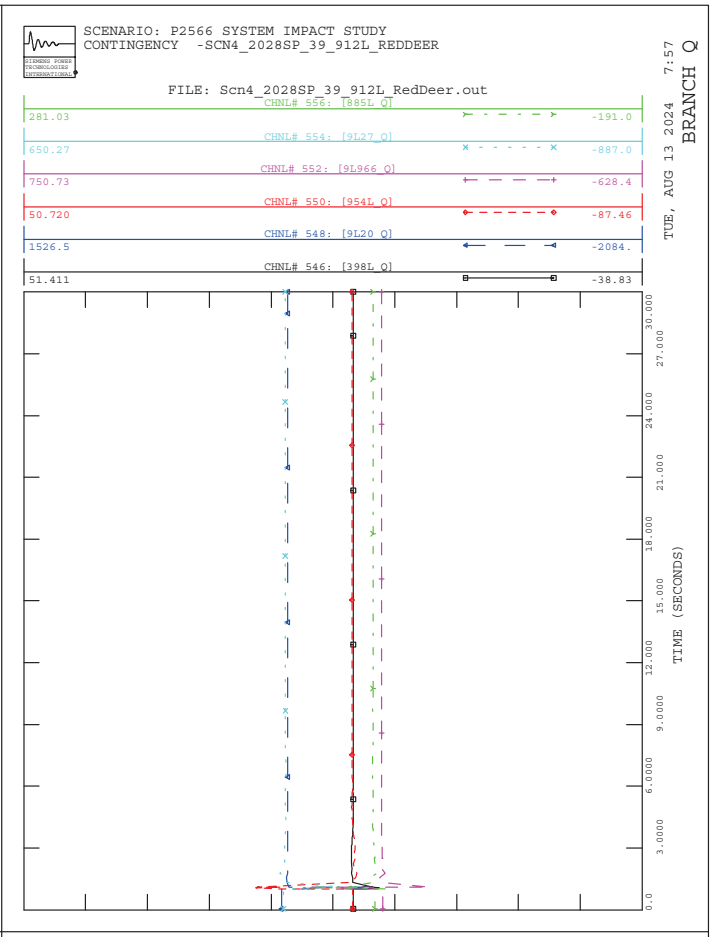
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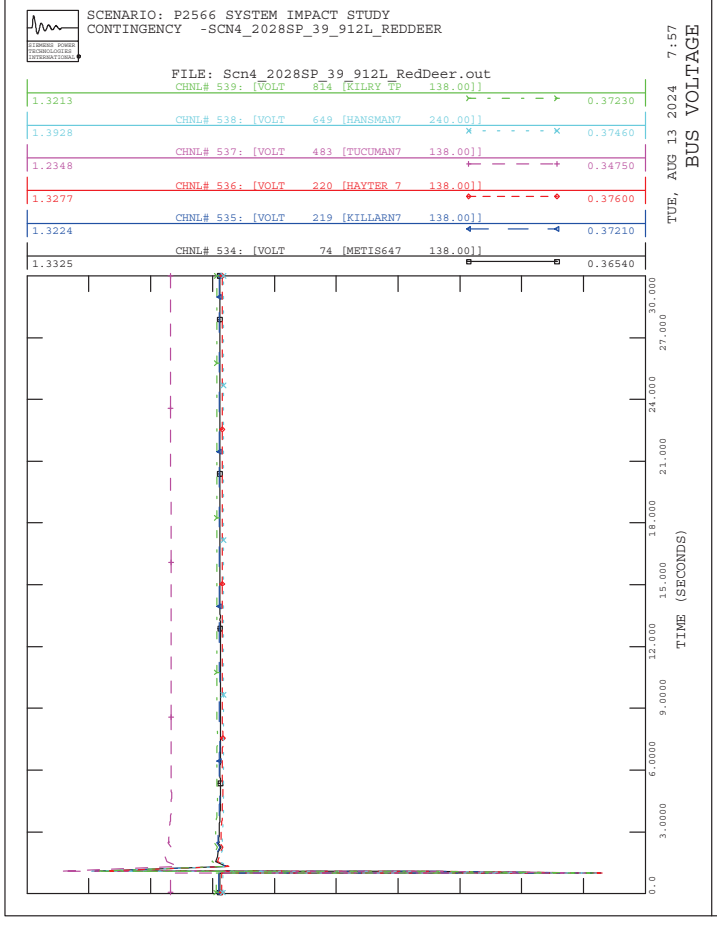
TUE, AUG 13 2024 7:57

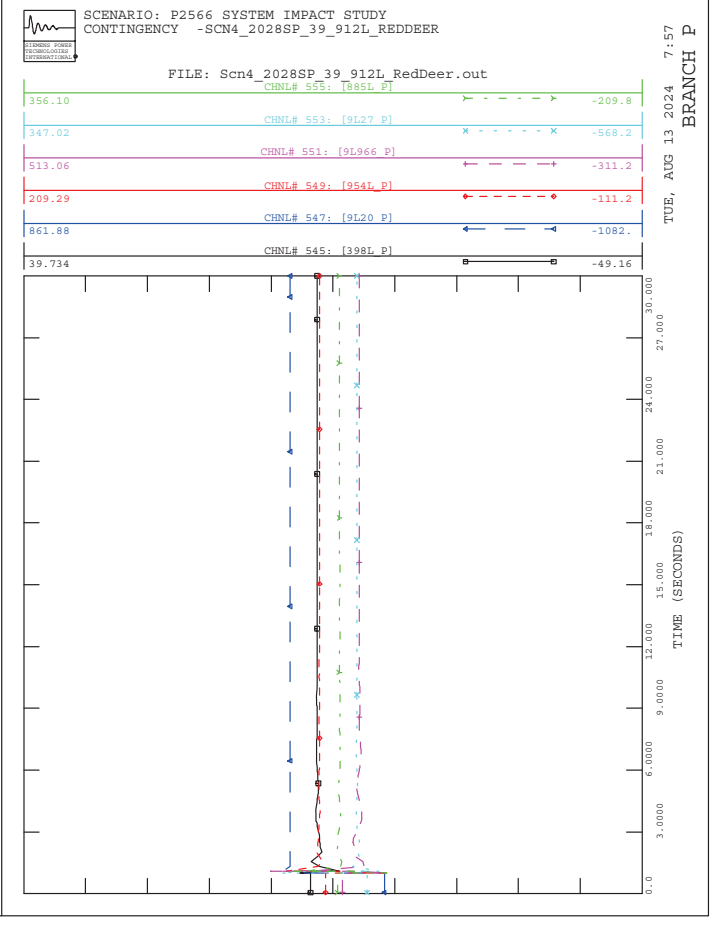
TERMINAL VOLTAGE

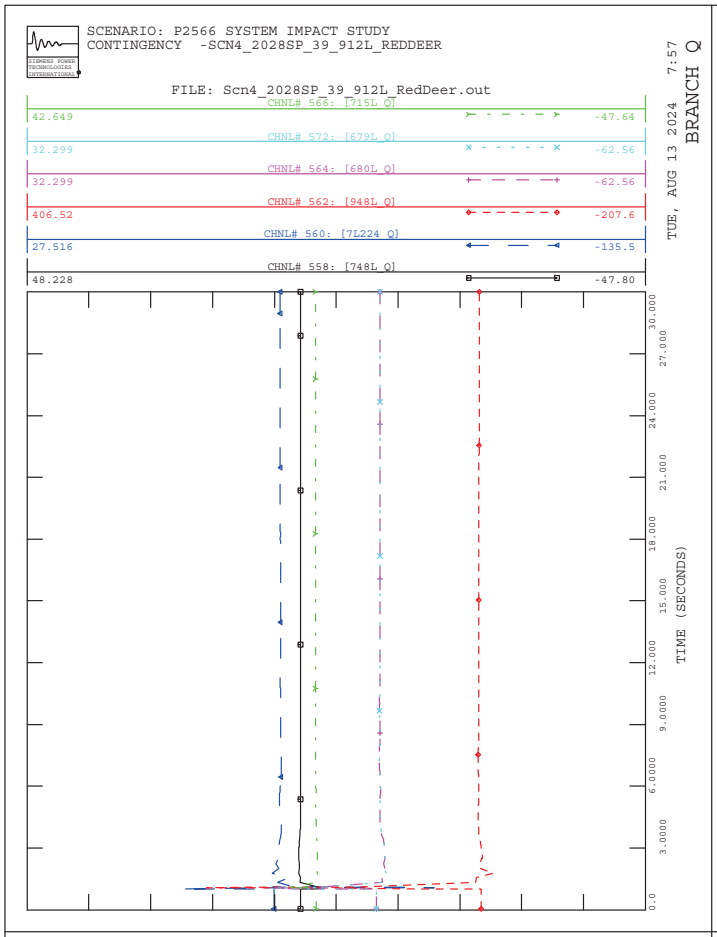


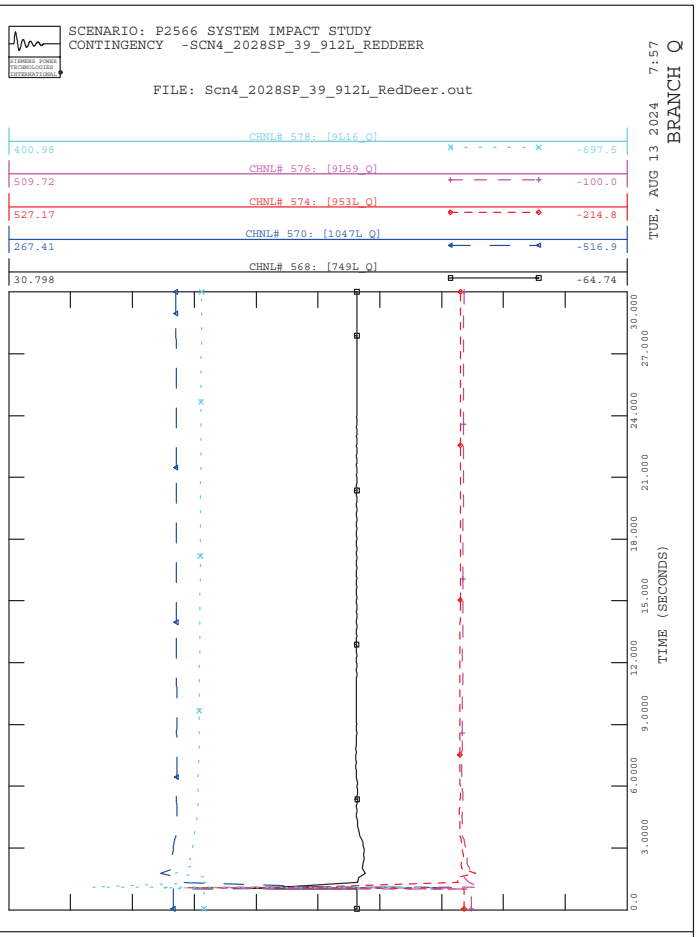

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_39_912L_REDDEER
FILE: Scn4_2028SP_39_912L_RedDeer.out
TUE, AUG 13 2024 7:57
BUS VOLTAGE
CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.3605
0.36520
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2260
0.33620
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.2908
0.36140
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2295
0.14020
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2387
0.33880
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

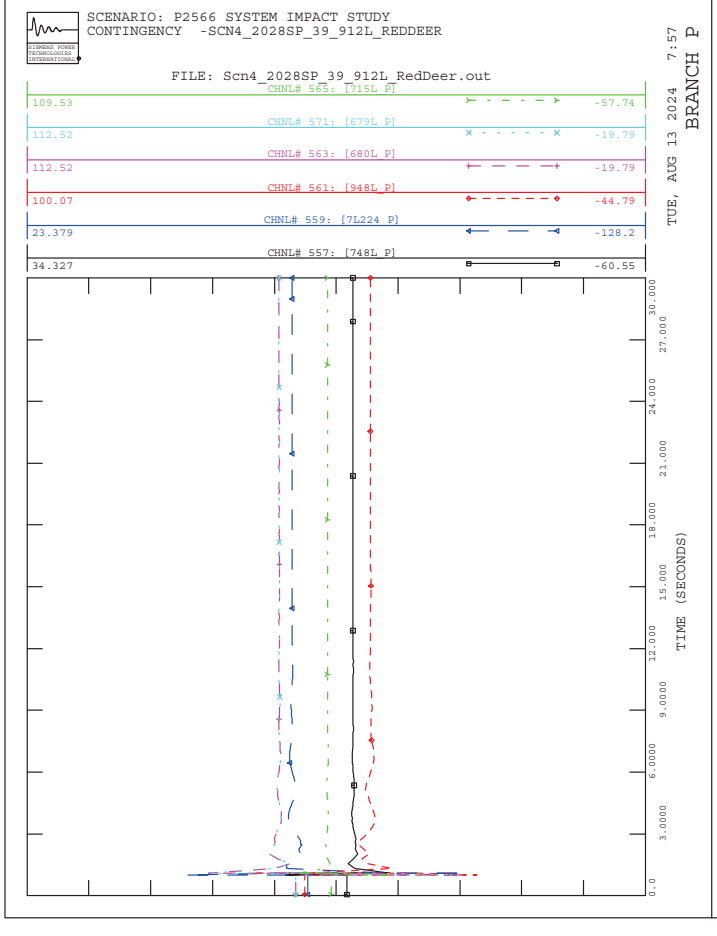

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_39_912L_REDDEER
FILE: Scn4_2028SP_39_912L_RedDeer.out
TUE, AUG 13 2024 7:57
BRANCH Q
CHNL# 556: [885L Q]
281.03
-191.0
CHNL# 554: [9L27 Q]
650.27
-887.0
CHNL# 552: [9L966 Q]
750.73
-628.4
CHNL# 550: [954L Q]
50.720
-87.46
CHNL# 548: [9L20 Q]
1526.5
-2084.
CHNL# 546: [398L Q]
51.411
-38.83
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

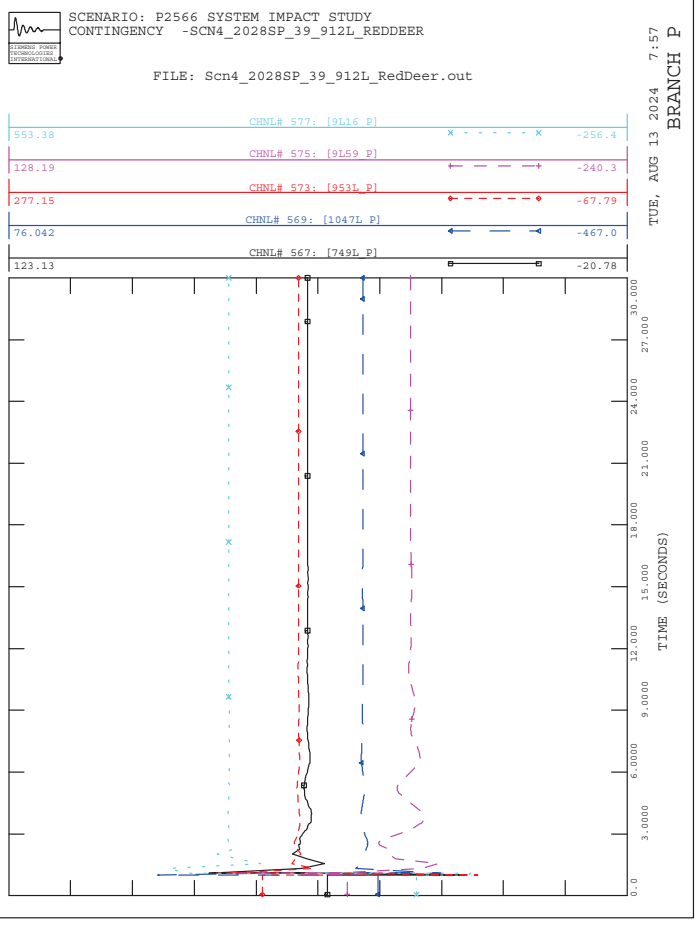

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_39_912L_REDDEER
FILE: Scn4_2028SP_39_912L_RedDeer.out
TUE, AUG 13 2024 7:57
BUS VOLTAGE
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.3213
0.37230
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.3928
0.37460
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.2348
0.34750
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.3277
0.37600
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.3224
0.37210
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.3325
0.36540
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_39_912L_REDDEER
FILE: Scn4_2028SP_39_912L_RedDeer.out
TUE, AUG 13 2024 7:57
BRANCH P
CHNL# 555: [885L P]
356.10
-209.8
CHNL# 553: [9L27 P]
347.02
-568.2
CHNL# 551: [9L966 P]
513.06
-311.2
CHNL# 549: [954L P]
209.29
-111.2
CHNL# 547: [9L20 P]
861.88
-1082.
CHNL# 545: [398L P]
39.734
-49.16
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_39_912L_REDDEER
FILE: Scn4_2028SP_39_912L_RedDeer.out
CHNL# 566: [715L Q]
42.649
-47.64
CHNL# 572: [679L Q]
32.299
-62.56
CHNL# 564: [680L Q]
32.299
-62.56
CHNL# 562: [948L Q]
406.52
-207.6
CHNL# 560: [7L224 Q]
27.516
-135.5
CHNL# 558: [748L Q]
48.228
-47.80
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_39_912L_REDDEER
FILE: Scn4_2028SP_39_912L_RedDeer.out
CHNL# 578: [9L16 Q]
400.98
-697.5
CHNL# 576: [9L59 Q]
509.72
-100.0
CHNL# 574: [953L Q]
527.17
-214.8
CHNL# 570: [1047L Q]
267.41
-516.9
CHNL# 568: [749L Q]
30.798
-64.74
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_39_912L_REDDEER
FILE: Scn4_2028SP_39_912L_RedDeer.out
CHNL# 565: [715L P]
109.53
-57.74
CHNL# 571: [679L P]
112.52
-19.79
CHNL# 563: [680L P]
112.52
-19.79
CHNL# 561: [948L P]
100.07
-44.79
CHNL# 559: [7L224 P]
23.379
-128.2
CHNL# 557: [748L P]
34.327
-60.55
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN4_2028SP_39_912L_REDDEER
FILE: Scn4_2028SP_39_912L_RedDeer.out
CHNL# 577: [9L16 P]
553.38
-256.4
CHNL# 575: [9L59 P]
128.19
-240.3
CHNL# 573: [953L P]
277.15
-67.79
CHNL# 569: [1047L P]
76.042
-467.0
CHNL# 567: [749L P]
123.13
-20.78
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_00_NOFAULT

FILE: Scn5_2028SL_00_nofault.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2121 0.81210

CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2121 0.81210

CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.1480 0.74800

CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.51000 0.11000

CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
1.6000 1.2000

CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
1.6000 1.2000

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_00_NOFAULT

FILE: Scn5_2028SL_00_nofault.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.05820 -0.9418

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
0.05820 -0.9418

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
0.79980 -0.2002

CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.51100 -0.4890

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
0.81290 -0.1872

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
0.80270 -0.1973

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_00_NOFAULT

FILE: Scn5_2028SL_00_nofault.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
39.368 -60.63

CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
33.058 -66.94

CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
46.653 -53.35

CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
42.266 -57.73

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_00_NOFAULT

FILE: Scn5_2028SL_00_nofault.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2121 0.81210

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2121 0.81210

CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2121 0.81210

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

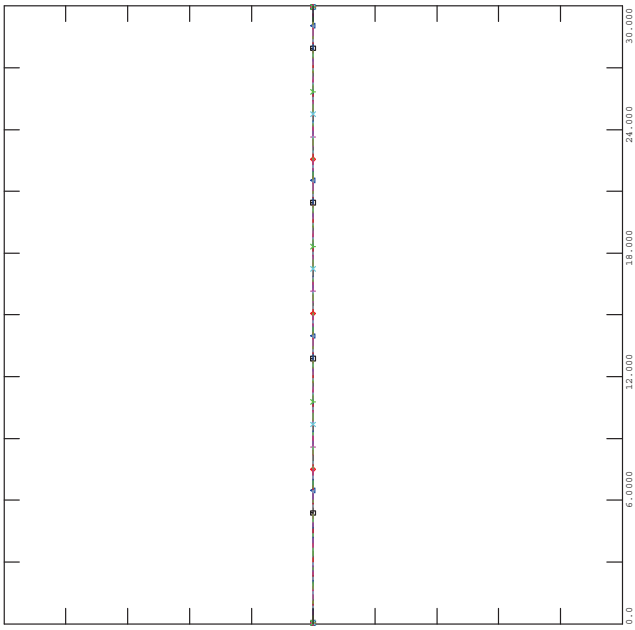
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_00_NOFAULT

FILE: Scn5_2028SL_00_nofault.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.0675 0.86750
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.0685 0.86850
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1150 0.91500
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
1.1050 0.90500
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1000 0.90000
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1000 0.90000



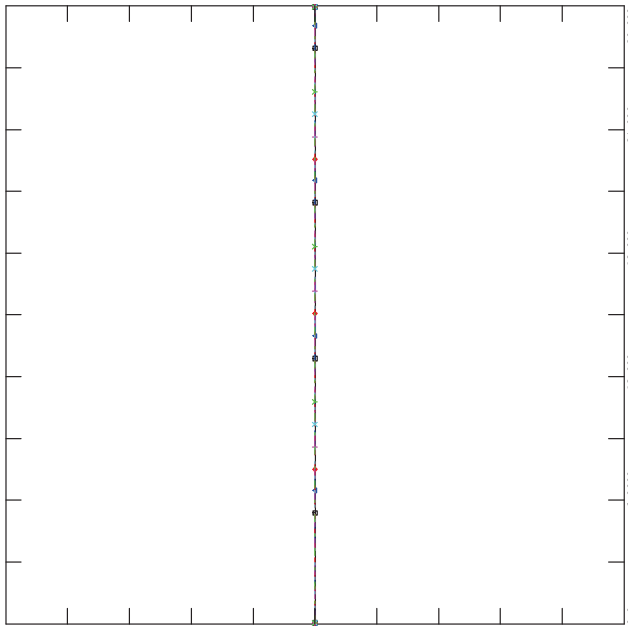
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_00_NOFAULT

FILE: Scn5_2028SL_00_nofault.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILBY TP 138.00]]
1.1213 0.92130
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.1700 0.97000
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.1319 0.93190
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.1214 0.92140
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.1179 0.91790
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.1308 0.93080



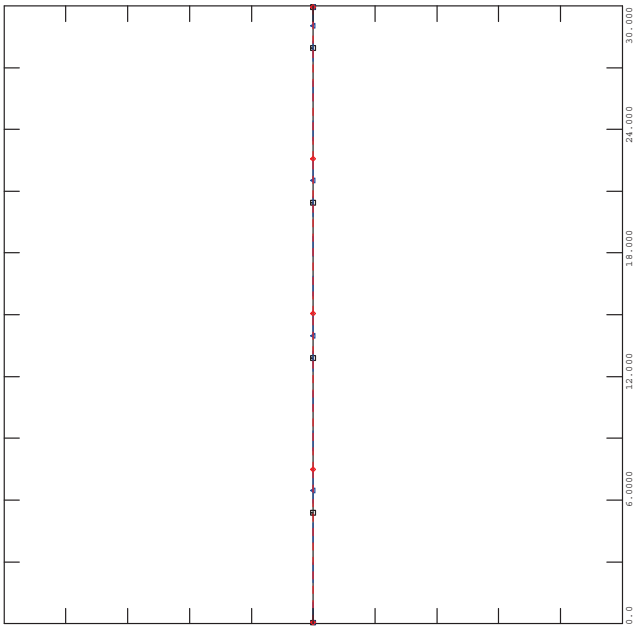
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_00_NOFAULT

FILE: Scn5_2028SL_00_nofault.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
0.05820 -0.9418
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.05820 -0.9418
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
0.05820 -0.9418



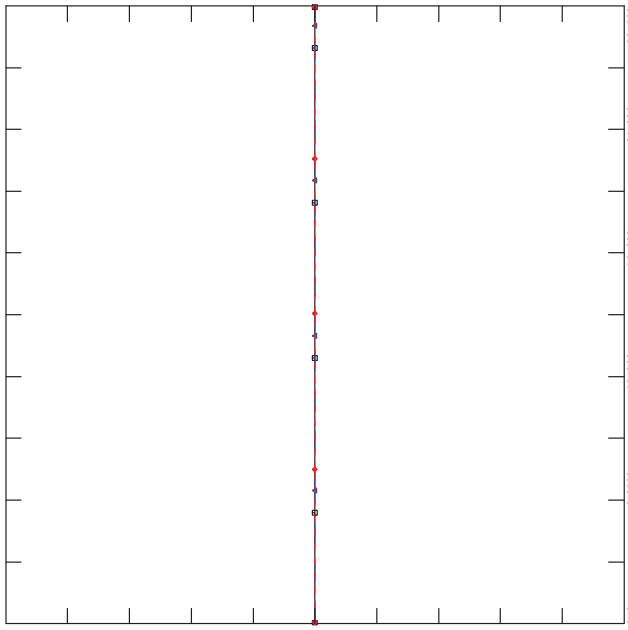
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_00_NOFAULT

FILE: Scn5_2028SL_00_nofault.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.0693 0.86930
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.0675 0.86750
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.0685 0.86850



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_00_NOFAULT

FILE: Scn5_2028SL_00_nofault.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
130.06 — 50.060

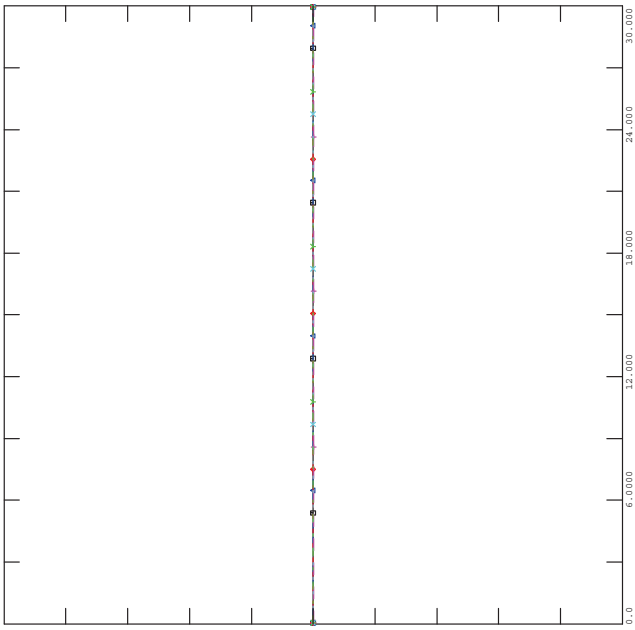
CHNL# 553: [9L27 P]
-181.1 — -261.1

CHNL# 551: [9L966 P]
84.654 — 4.6533

CHNL# 549: [954L P]
33.161 — -46.84

CHNL# 547: [9L20 P]
-280.7 — -360.7

CHNL# 545: [398L P]
17.123 — -62.88



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_00_NOFAULT

FILE: Scn5_2028SL_00_nofault.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 565: [715L P]
-48.08 — -128.1

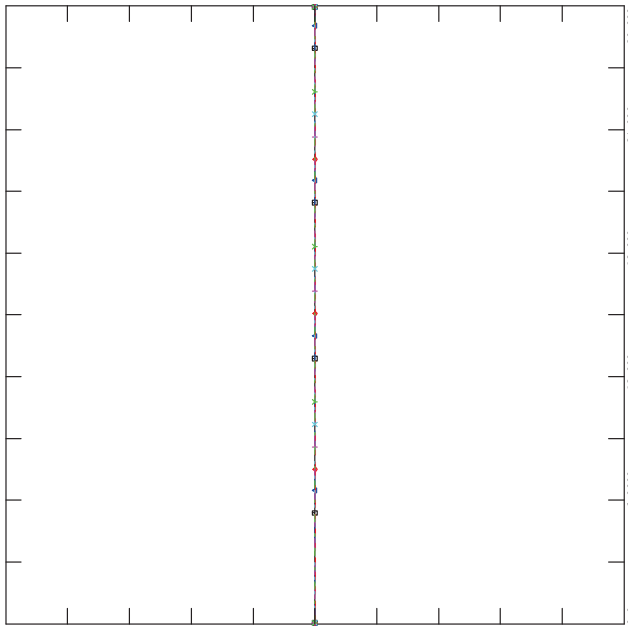
CHNL# 571: [679L P]
87.398 — 7.3982

CHNL# 563: [680L P]
87.398 — 7.3982

CHNL# 561: [948L P]
54.389 — -25.61

CHNL# 559: [7L224 P]
29.861 — -50.14

CHNL# 557: [748L P]
28.336 — -51.67



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_00_NOFAULT

FILE: Scn5_2028SL_00_nofault.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

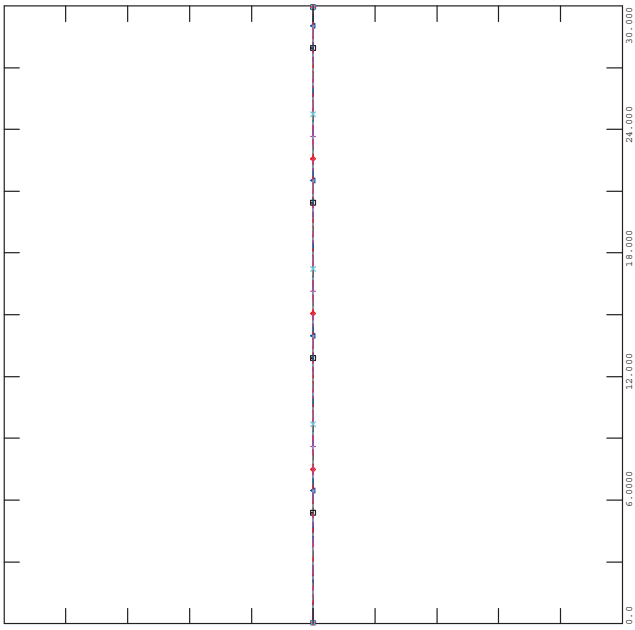
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.1510 — 0.95100

CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.1514 — 0.95140

CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.1590 — 0.95900

CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.1438 — 0.94380

CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.1543 — 0.95430



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_00_NOFAULT

FILE: Scn5_2028SL_00_nofault.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L Q]
61.332 — -18.67

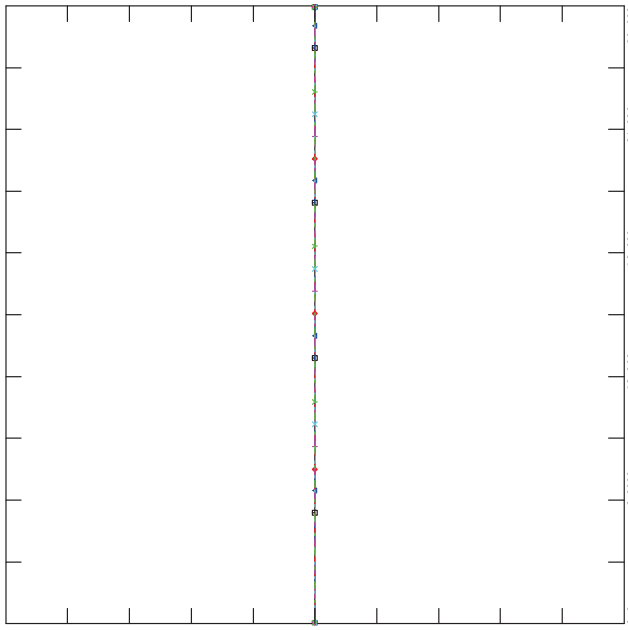
CHNL# 554: [9L27 Q]
65.572 — -14.43

CHNL# 552: [9L966 Q]
-4.716 — -84.72

CHNL# 550: [954L Q]
17.968 — -62.03

CHNL# 548: [9L20 Q]
96.896 — 16.895

CHNL# 546: [398L Q]
28.948 — -51.05

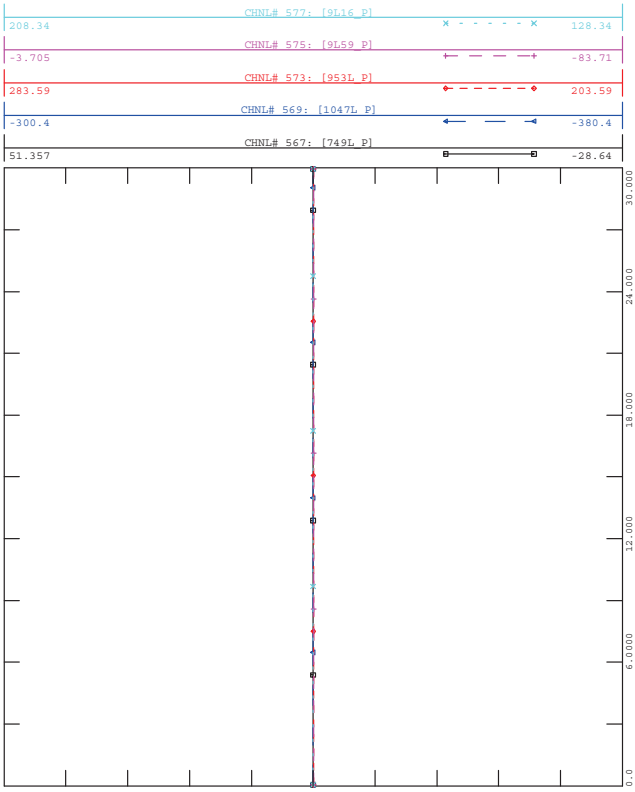


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_00_NOFAULT

FILE: Scn5_2028SL_00_nofault.out

TUE, AUG 13 2024 7:57

BRANCH P

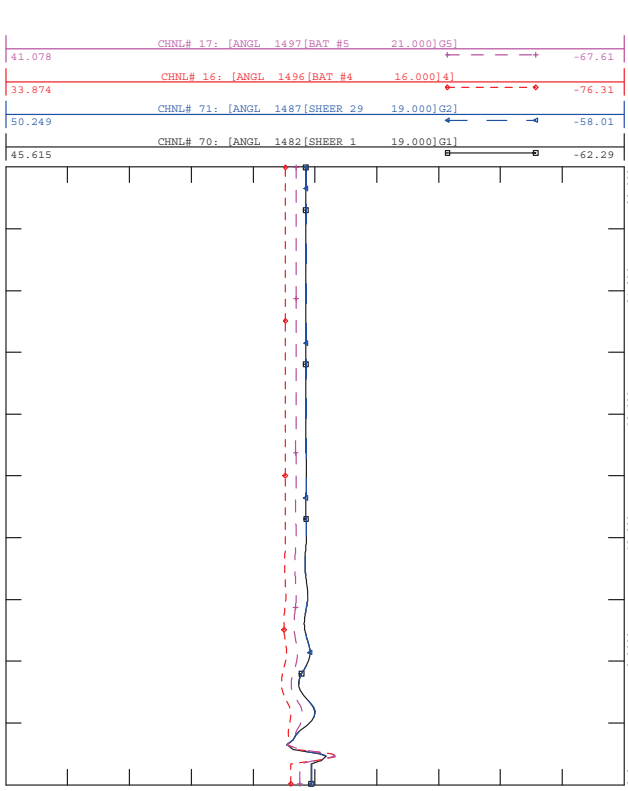


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_01_749L_KILLARNEY

FILE: Scn5_2028SL_01_749L_Killarney.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

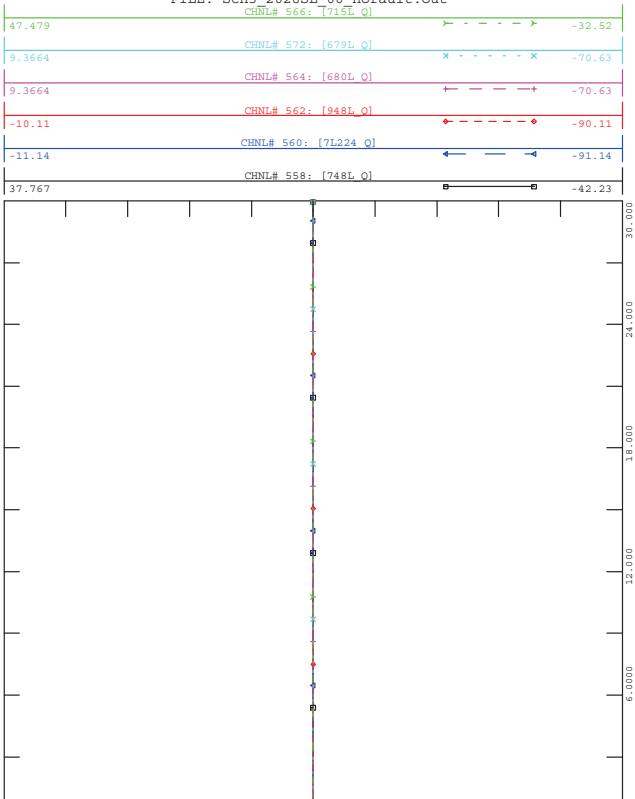


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_00_NOFAULT

FILE: Scn5_2028SL_00_nofault.out

TUE, AUG 13 2024 7:57

BRANCH Q

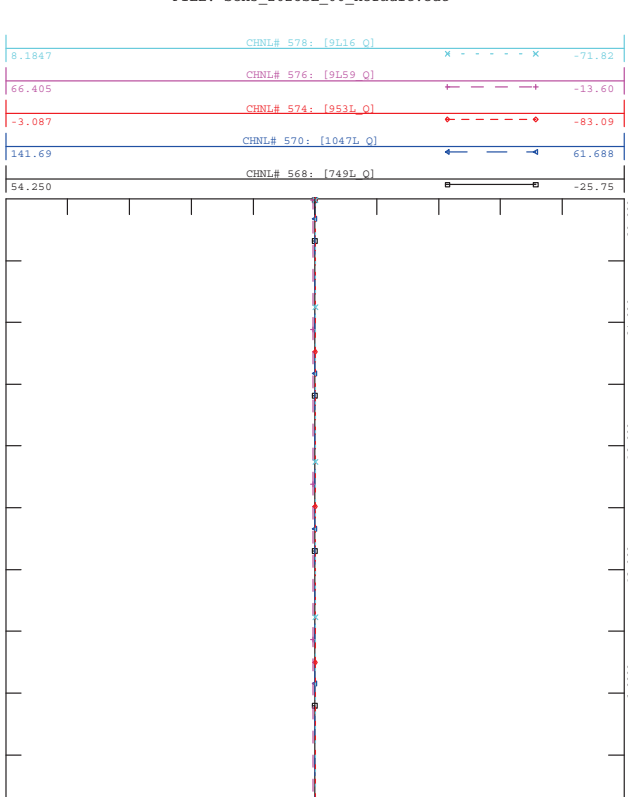


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_00_NOFAULT

FILE: Scn5_2028SL_00_nofault.out

TUE, AUG 13 2024 7:57

BRANCH Q

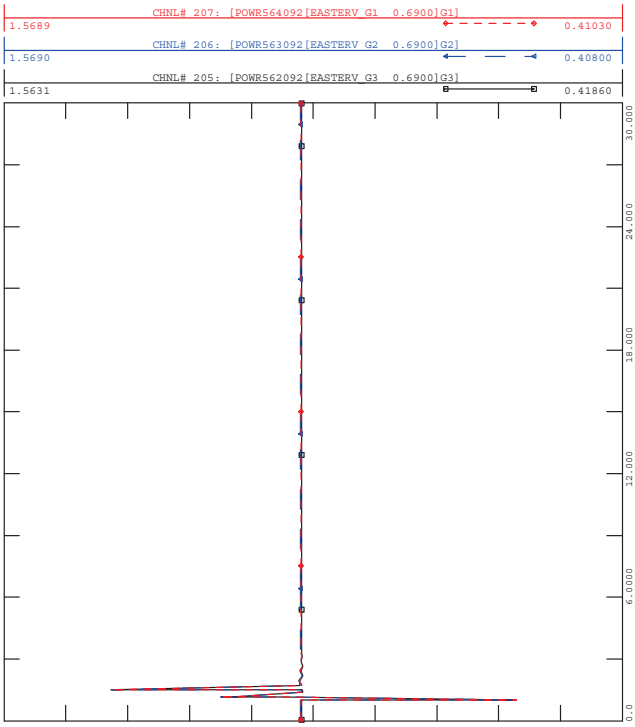


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_01_749L_KILLARNEY

FILE: Scn5_2028SL_01_749L_Killarney.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

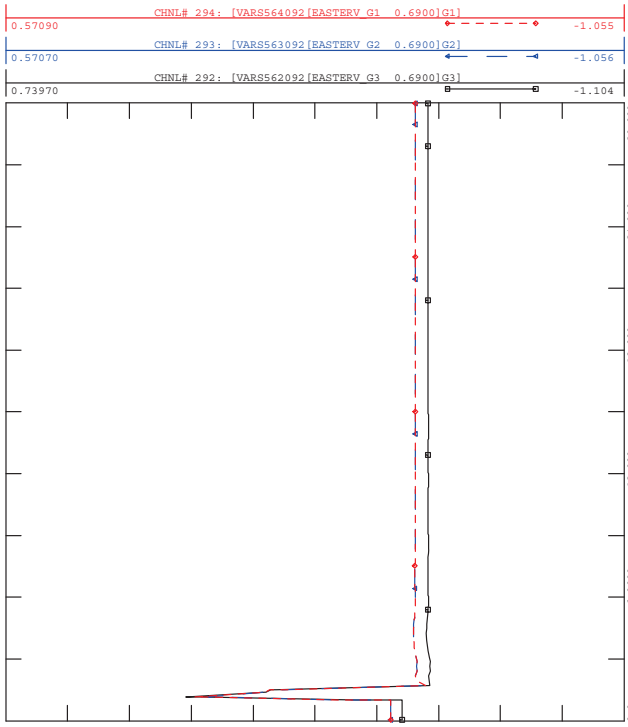


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_01_749L_KILLARNEY

FILE: Scn5_2028SL_01_749L_Killarney.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

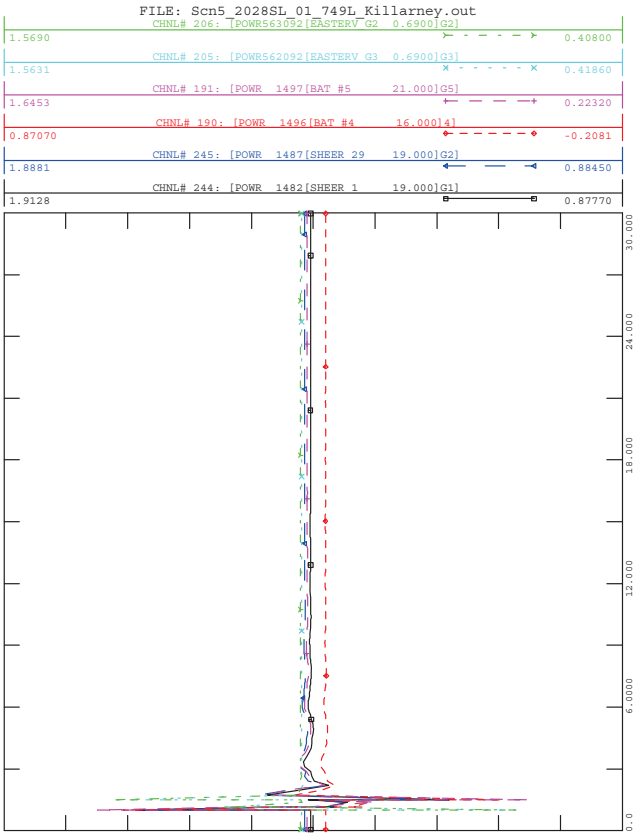


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_01_749L_KILLARNEY

FILE: Scn5_2028SL_01_749L_Killarney.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

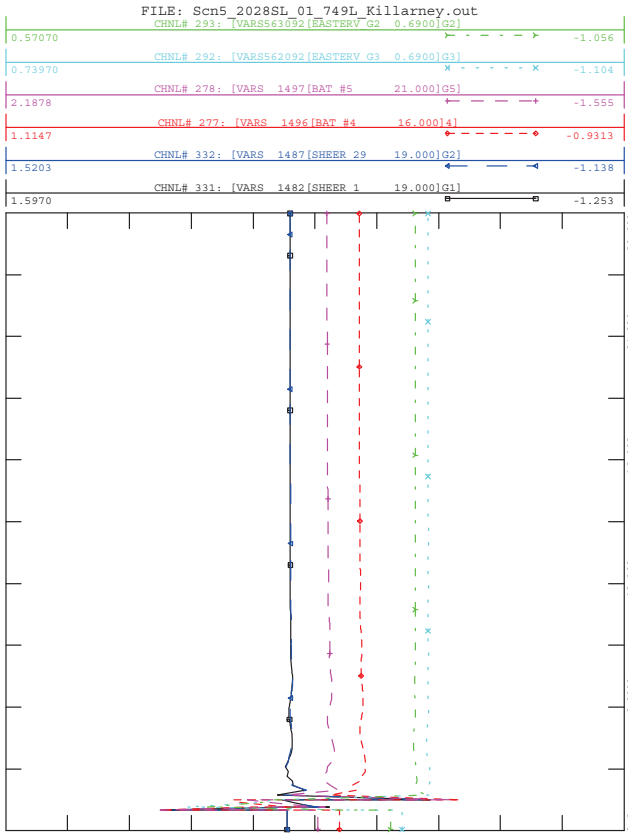


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_01_749L_KILLARNEY

FILE: Scn5_2028SL_01_749L_Killarney.out

TUE, AUG 13 2024 7:57

REACTIVE POWER



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_01_749L_KILLARNEY

FILE: Scn5_2028SL_01_749L_Killarney.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.3937 0.56120
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3914 0.56000
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3888 0.56500

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_01_749L_KILLARNEY

FILE: Scn5_2028SL_01_749L_Killarney.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.4333 0.64010
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2760 0.82840
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3949 0.69250
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2271 0.86920
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3097 0.79430

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_01_749L_KILLARNEY

FILE: Scn5_2028SL_01_749L_Killarney.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3914 0.56000
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3888 0.56500
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1965 0.84170
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
1.1853 0.84160
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1495 0.85610
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1457 0.85870

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TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_01_749L_KILLARNEY

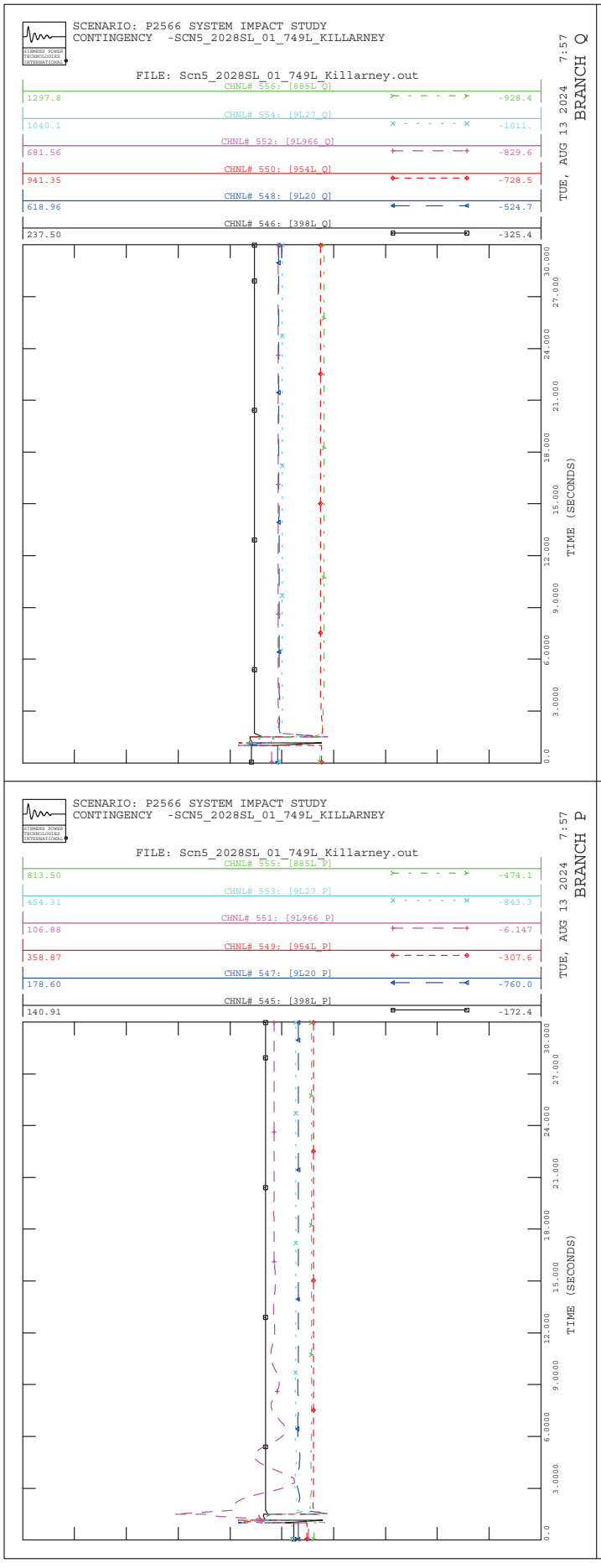
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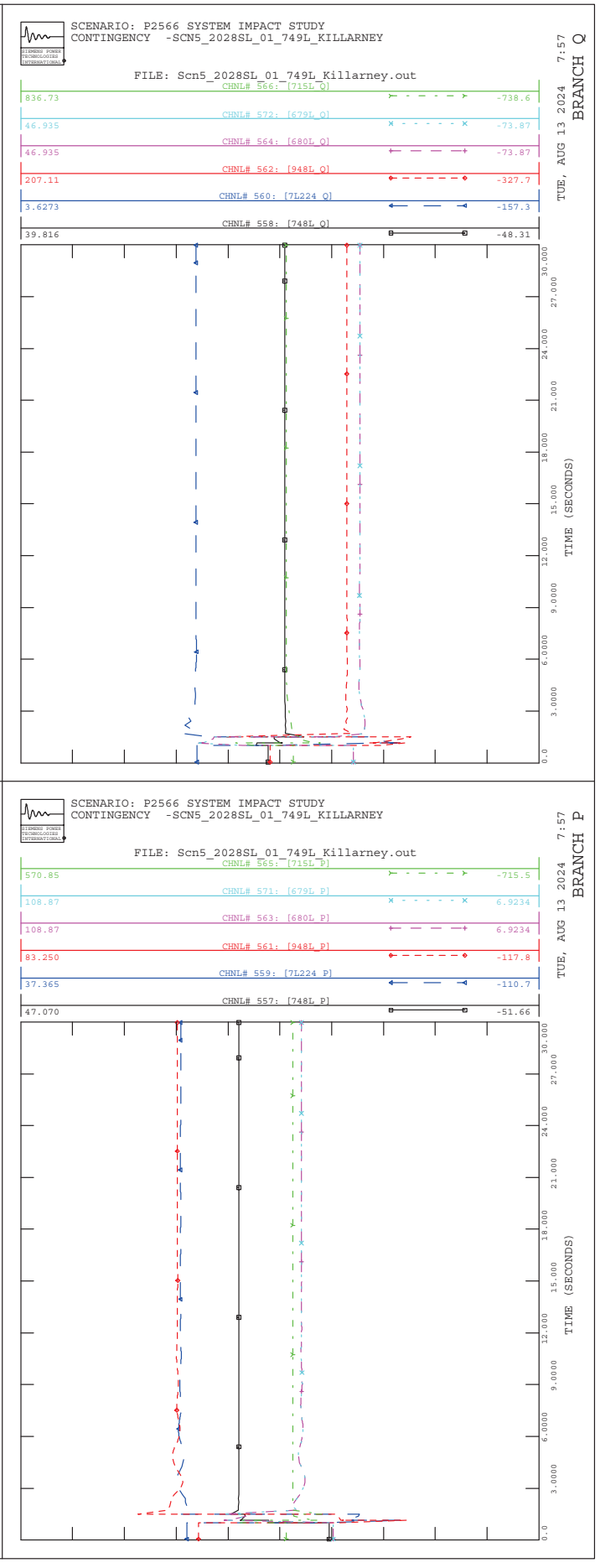
TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.1213 -0.1000
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4715 0.62030
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3537 0.66270
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4235 0.06590
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4219 -0.0993
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4116 0.44880

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TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_01_749L_KILLARNEY
FILE: Scn5_2028SL_01_749L_Killarney.out
CHNL# 556: [885L Q]
1297.8
-928.4
CHNL# 554: [9L27 Q]
1040.1
-1011.
CHNL# 552: [9L966 Q]
681.56
-829.6
CHNL# 550: [954L Q]
941.35
-728.5
CHNL# 548: [9L20 Q]
618.96
-524.7
CHNL# 546: [398L Q]
237.50
-325.4
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_01_749L_KILLARNEY
FILE: Scn5_2028SL_01_749L_Killarney.out
CHNL# 566: [715L Q]
836.73
-738.6
CHNL# 572: [679L Q]
46.935
-73.87
CHNL# 564: [680L Q]
46.935
-73.87
CHNL# 562: [948L Q]
207.11
-327.7
CHNL# 560: [7L224 Q]
3.6273
-157.3
CHNL# 558: [748L Q]
39.816
-48.31
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
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3.0000
6.0000
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12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_01_749L_KILLARNEY
FILE: Scn5_2028SL_01_749L_Killarney.out
CHNL# 555: [885L P]
813.50
-474.1
CHNL# 553: [9L27 P]
454.31
-843.3
CHNL# 551: [9L966 P]
106.88
-6.147
CHNL# 549: [954L P]
358.87
-307.6
CHNL# 547: [9L20 P]
178.60
-760.0
CHNL# 545: [398L P]
140.91
-172.4
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
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3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_01_749L_KILLARNEY
FILE: Scn5_2028SL_01_749L_Killarney.out
CHNL# 565: [715L P]
570.85
-715.5
CHNL# 571: [679L P]
108.87
6.9234
CHNL# 563: [680L P]
108.87
6.9234
CHNL# 561: [948L P]
83.250
-117.8
CHNL# 559: [7L224 P]
37.365
-110.7
CHNL# 557: [748L P]
47.070
-51.66
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_01_749L_KILLARNEY

FILE: Scn5_2028SL_01_749L_Killarney.out

TUE, AUG 13 2024 7:57 BRANCH Q

CHNL# 578: [9L16_Q] 338.37 -385.3
CHNL# 576: [9L59_Q] 100.75 -35.90
CHNL# 574: [953L_Q] 389.69 -414.4
CHNL# 570: [1047L_Q] 400.58 -320.5
CHNL# 568: [749L_Q] 933.14 -311.0

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_02_749L_METISKOW

FILE: Scn5_2028SL_02_749L_Metiskow.out

TUE, AUG 13 2024 7:57 ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2] 1.3348 -0.1025
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3] 1.3311 -0.0574
CHNL# 191: [POWR 1497[BAT #5 21.000]G5] 1.6540 0.37720
CHNL# 190: [POWR 1496[BAT #4 16.000]4] 0.94420 -0.1338
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2] 2.0585 0.94870
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1] 2.0456 0.85790

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_01_749L_KILLARNEY

FILE: Scn5_2028SL_01_749L_Killarney.out

TUE, AUG 13 2024 7:57 BRANCH P

CHNL# 577: [9L16_P] 302.63 -80.55
CHNL# 575: [9L59_P] 28.221 -91.83
CHNL# 573: [953L_P] 485.91 -69.42
CHNL# 569: [1047L_P] -4.096 -646.8
CHNL# 567: [749L_P] 466.21 -155.4

TIME (SECONDS)

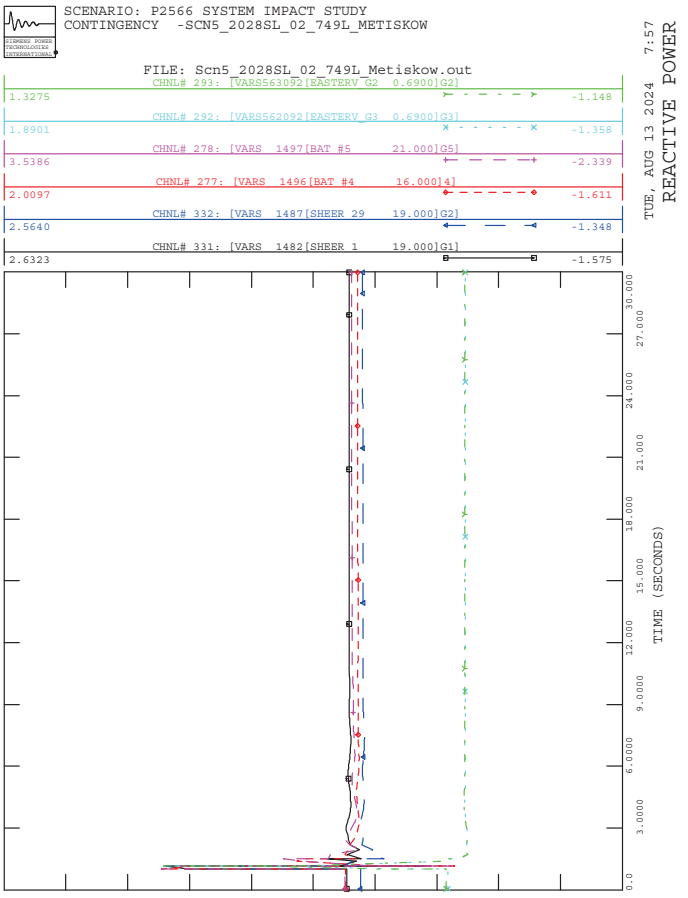
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CONTINGENCY -SCN5_2028SL_02_749L_METISKOW

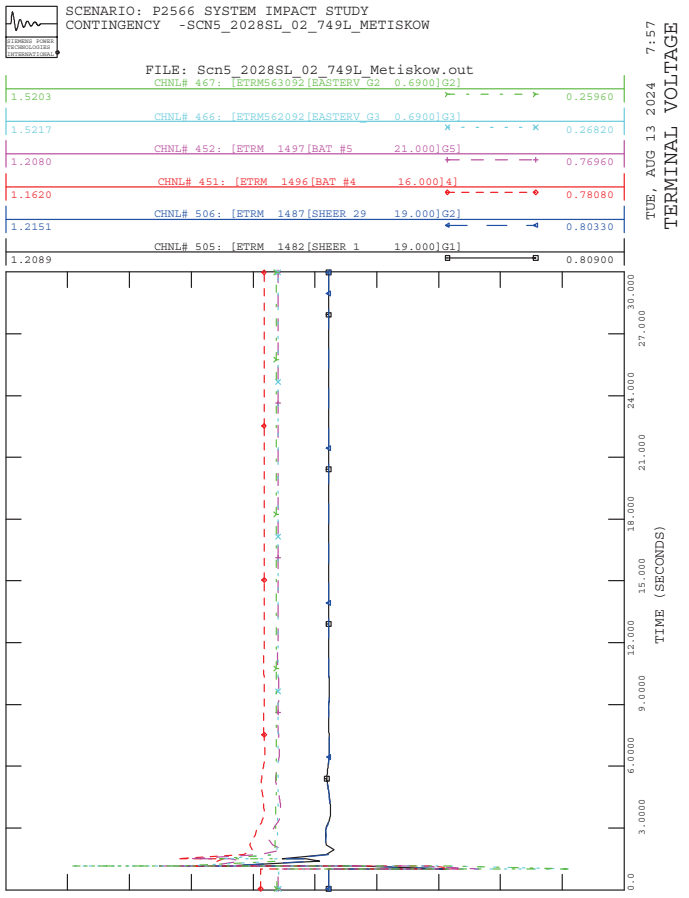
FILE: Scn5_2028SL_02_749L_Metiskow.out

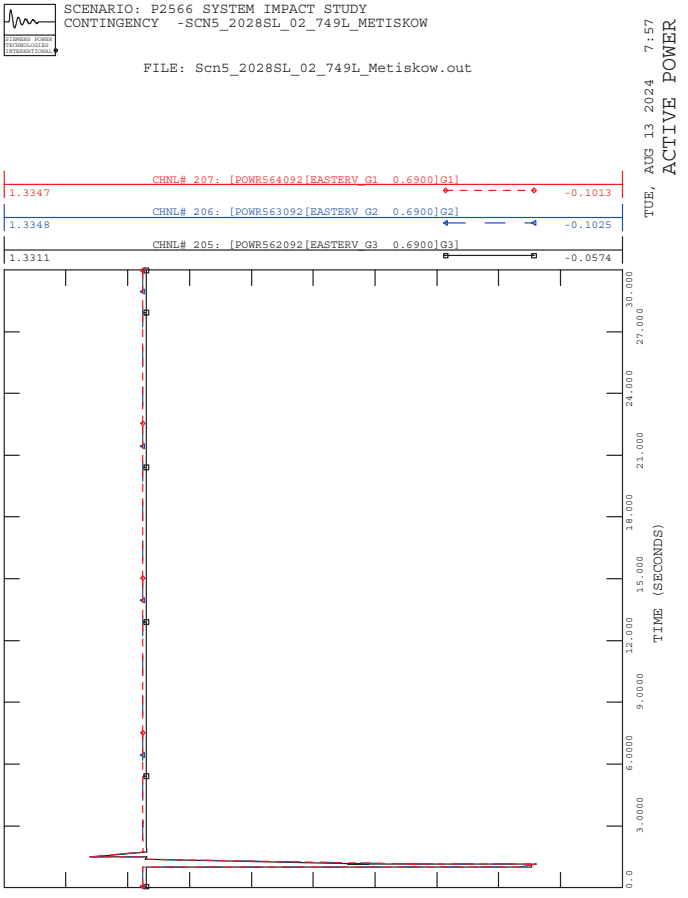
TUE, AUG 13 2024 7:57 ROTOR ANGLE

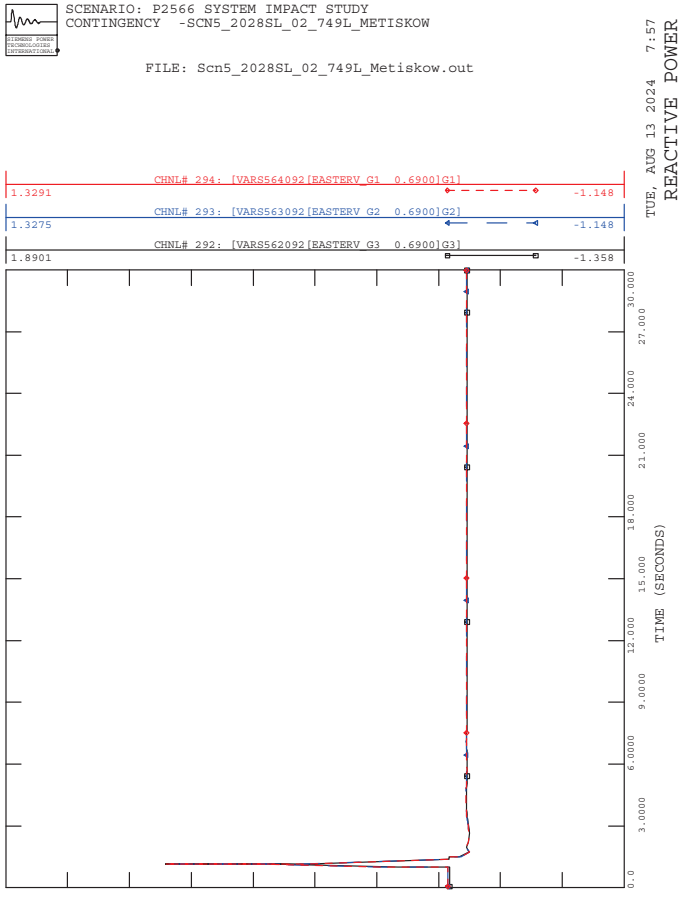
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5] 40.745 -70.04
CHNL# 16: [ANGL 1496[BAT #4 16.000]4] 34.565 -76.26
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2] 50.144 -60.27
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1] 45.541 -64.45

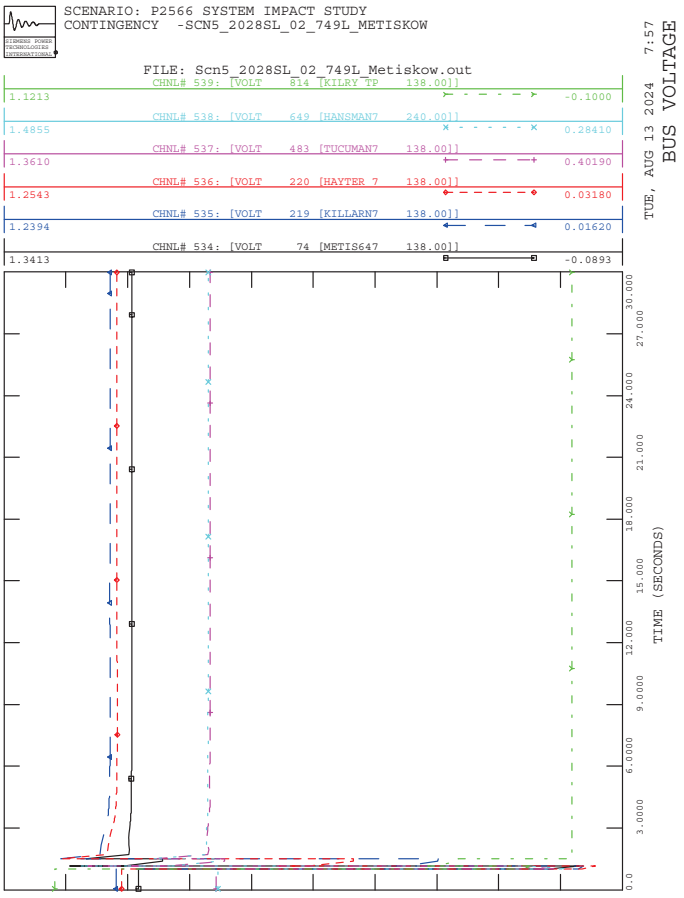
TIME (SECONDS)

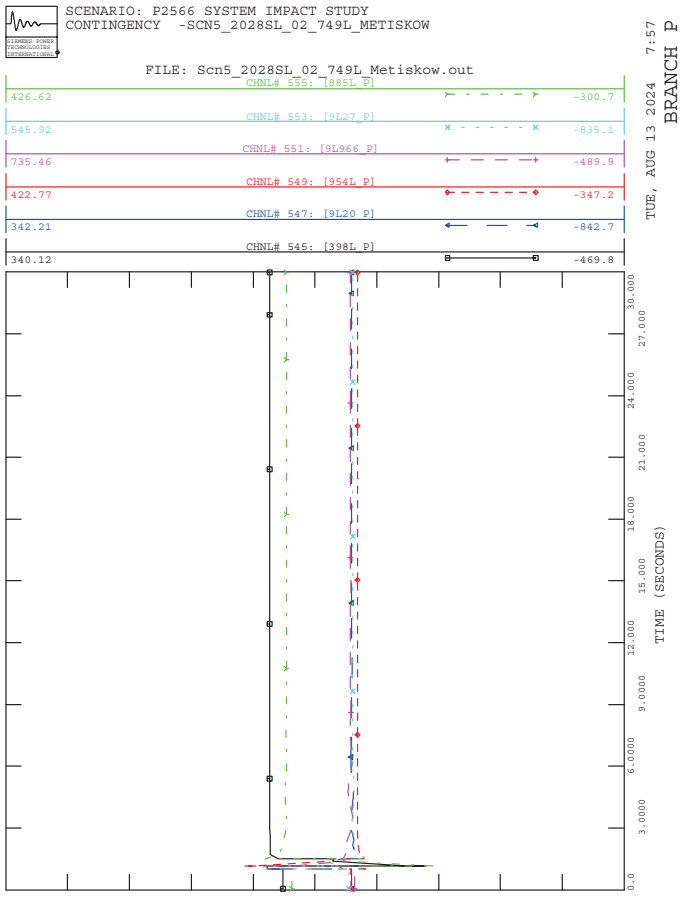

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_02_749L_METISKOW
FILE: Scn5_2028SL_02_749L_Metiskow.out
CHNL# 293: [VARS563092[EASTERV_G2 0.6900]G2]
1.3275 -1.148
CHNL# 292: [VARS562092[EASTERV_G3 0.6900]G3]
1.8901 -1.358
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
3.5386 -2.339
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
2.0097 -1.611
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
2.5640 -1.348
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
2.6323 -1.575
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
REACTIVE POWER

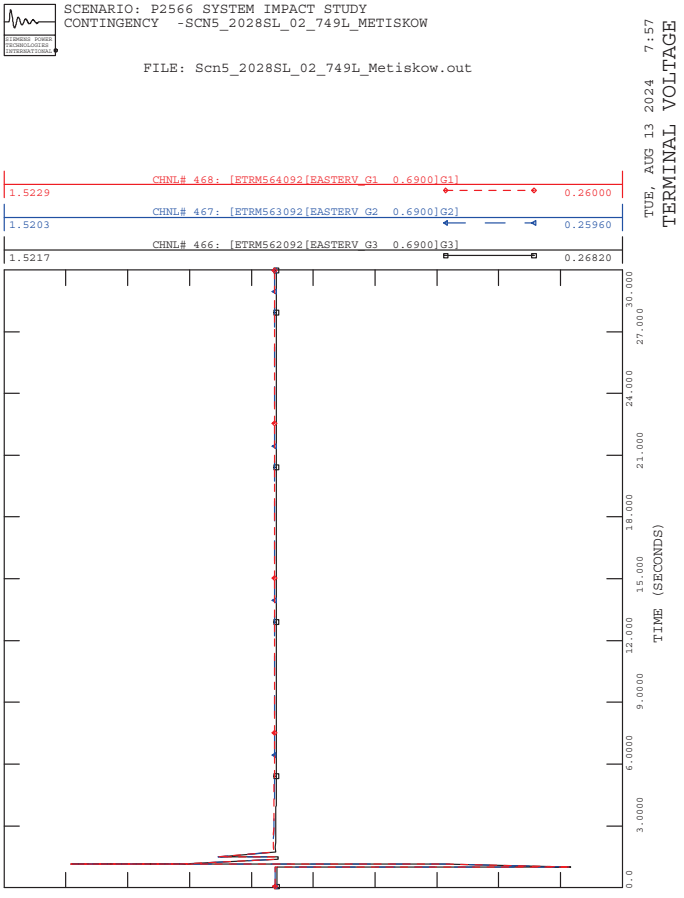

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_02_749L_METISKOW
FILE: Scn5_2028SL_02_749L_Metiskow.out
CHNL# 467: [ETRMS63092[EASTERV_G2 0.6900]G2]
1.5203 0.25960
CHNL# 466: [ETRMS62092[EASTERV_G3 0.6900]G3]
1.5217 0.26820
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2080 0.76960
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
1.1620 0.78080
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2151 0.80330
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.2089 0.80900
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TIME (SECONDS)
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE

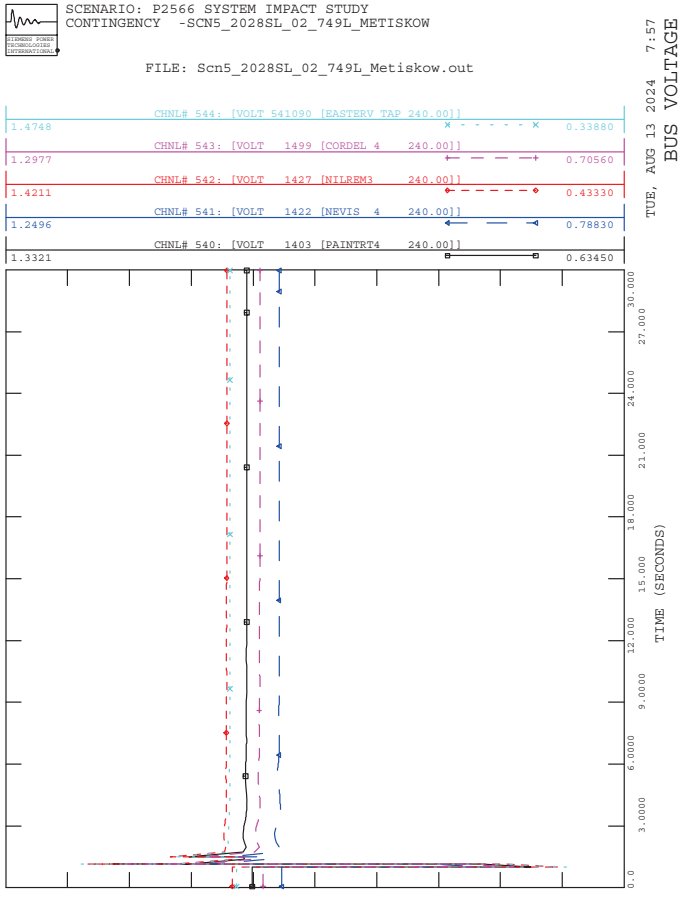

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_02_749L_METISKOW
FILE: Scn5_2028SL_02_749L_Metiskow.out
CHNL# 207: [POWR564092[EASTERV_G1 0.6900]G1]
1.3347 -0.1013
CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2]
1.3348 -0.1025
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3]
1.3311 -0.0574
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
ACTIVE POWER


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_02_749L_METISKOW
FILE: Scn5_2028SL_02_749L_Metiskow.out
CHNL# 294: [VARS564092[EASTERV_G1 0.6900]G1]
1.3291 -1.148
CHNL# 293: [VARS563092[EASTERV_G2 0.6900]G2]
1.3275 -1.148
CHNL# 292: [VARS562092[EASTERV_G3 0.6900]G3]
1.8901 -1.358
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
REACTIVE POWER


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_02_749L_METISKOW
FILE: Scn5_2028SL_02_749L_Metiskow.out
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.1213 -0.1000
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4855 0.28410
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3610 0.40190
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.2543 0.03180
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.2394 0.01620
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.3413 -0.0893
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
BUS VOLTAGE


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_02_749L_METISKOW
FILE: Scn5_2028SL_02_749L_Metiskow.out
CHNL# 555: [885L P]
426.62 -300.7
CHNL# 553: [9L27 P]
545.92 -835.1
CHNL# 551: [9L966 P]
735.46 -489.9
CHNL# 549: [954L P]
422.77 -347.2
CHNL# 547: [9L20 P]
342.21 -842.7
CHNL# 545: [398L P]
340.12 -469.8
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
BRANCH P


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_02_749L_METISKOW
FILE: Scn5_2028SL_02_749L_Metiskow.out
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.5229 0.26000
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5203 0.25960
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5217 0.26820
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE

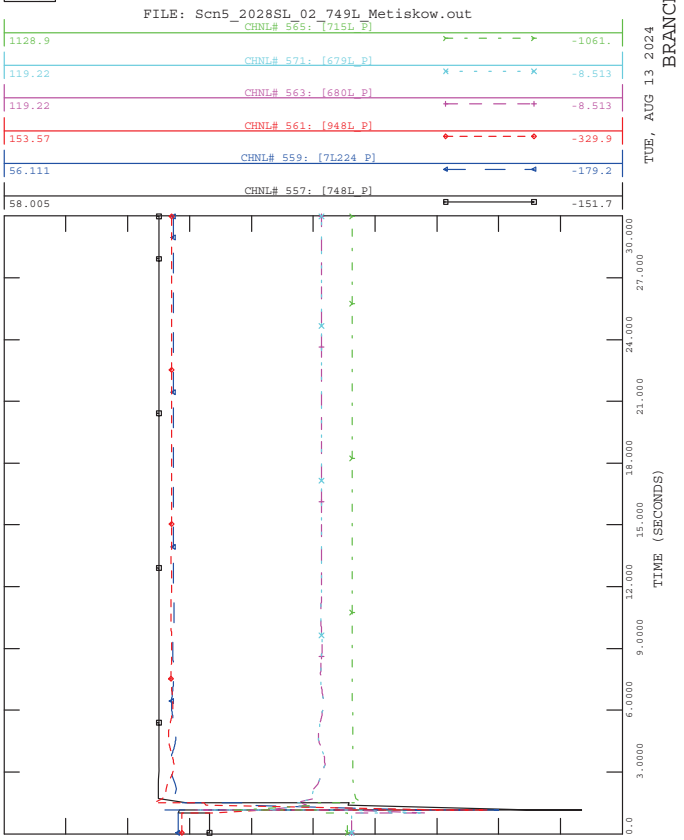

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_02_749L_METISKOW
FILE: Scn5_2028SL_02_749L_Metiskow.out
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.4748 0.33880
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2977 0.70560
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4211 0.43330
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2496 0.78830
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3321 0.63450
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
BUS VOLTAGE

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_02_749L_METISKOW

FILE: Scn5_2028SL_02_749L_Metiskow.out

TUE, AUG 13 2024 7:57

BRANCH P

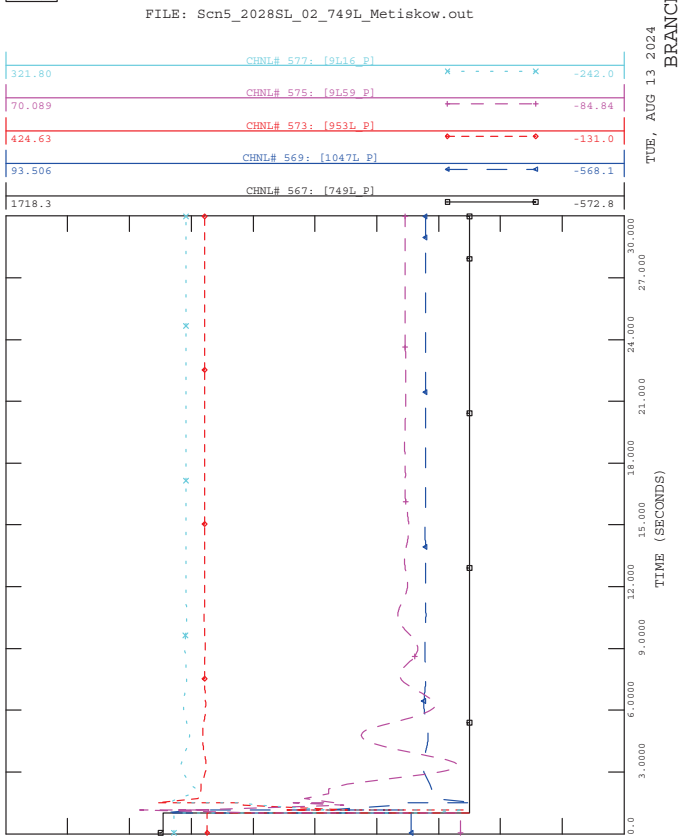


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_02_749L_METISKOW

FILE: Scn5_2028SL_02_749L_Metiskow.out

TUE, AUG 13 2024 7:57

BRANCH P

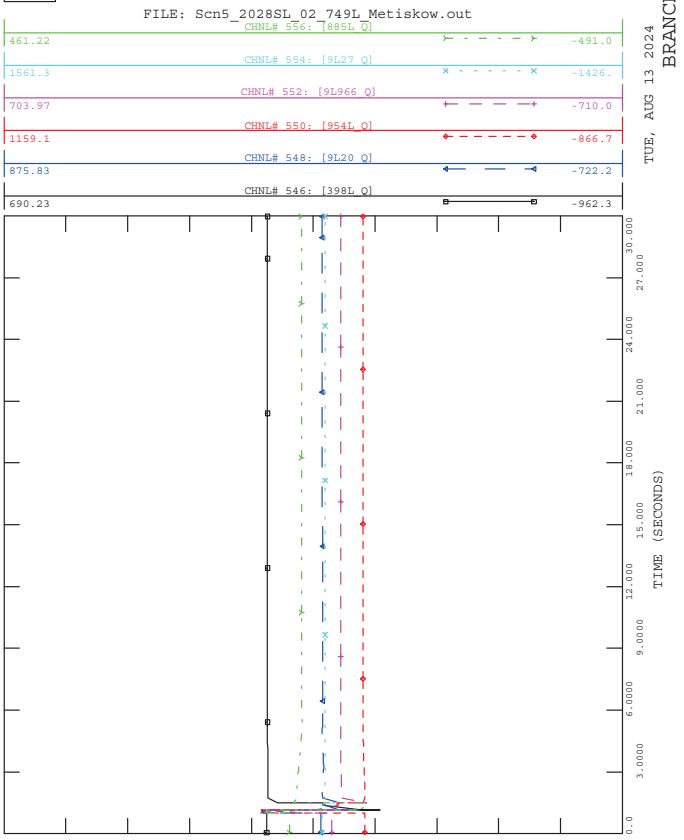


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_02_749L_METISKOW

FILE: Scn5_2028SL_02_749L_Metiskow.out

TUE, AUG 13 2024 7:57

BRANCH Q

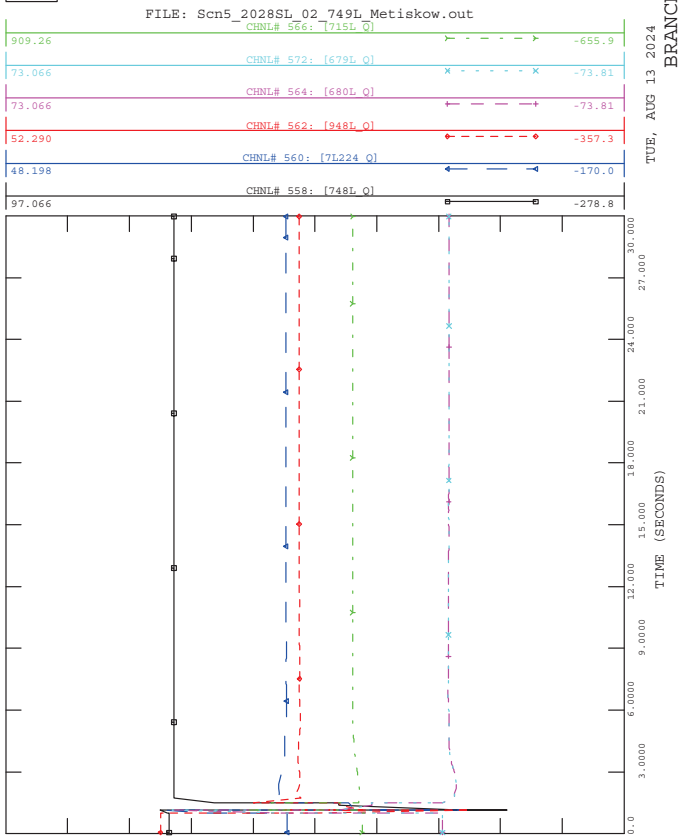


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_02_749L_METISKOW

FILE: Scn5_2028SL_02_749L_Metiskow.out

TUE, AUG 13 2024 7:57

BRANCH Q

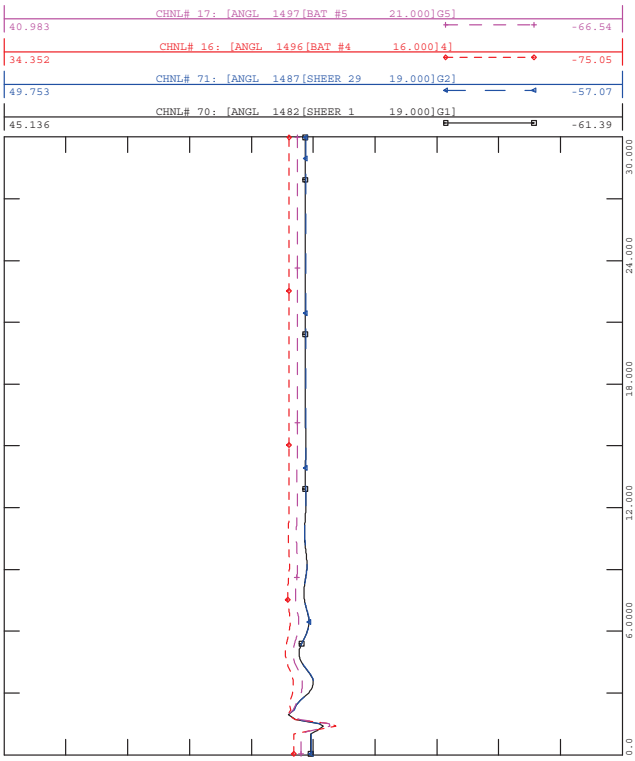


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_03_749L_EDGERTON

FILE: Scn5_2028SL_03_749L_Edgerton.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

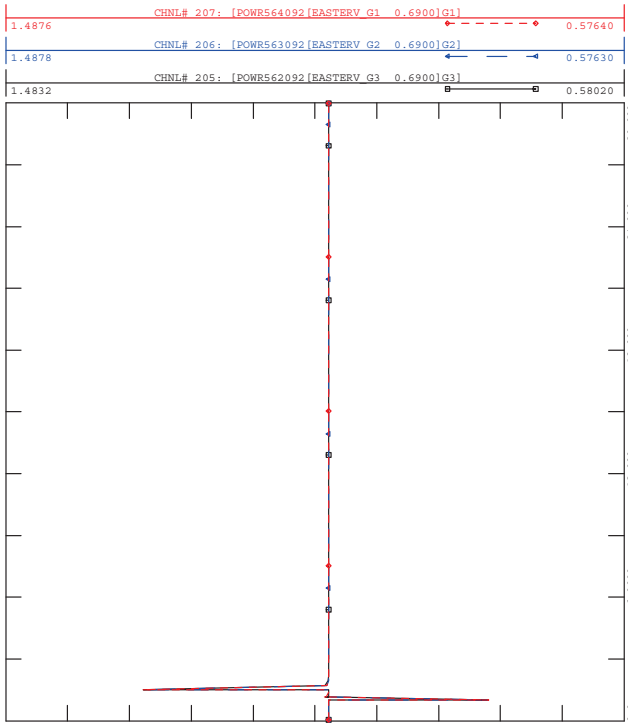


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_03_749L_EDGERTON

FILE: Scn5_2028SL_03_749L_Edgerton.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

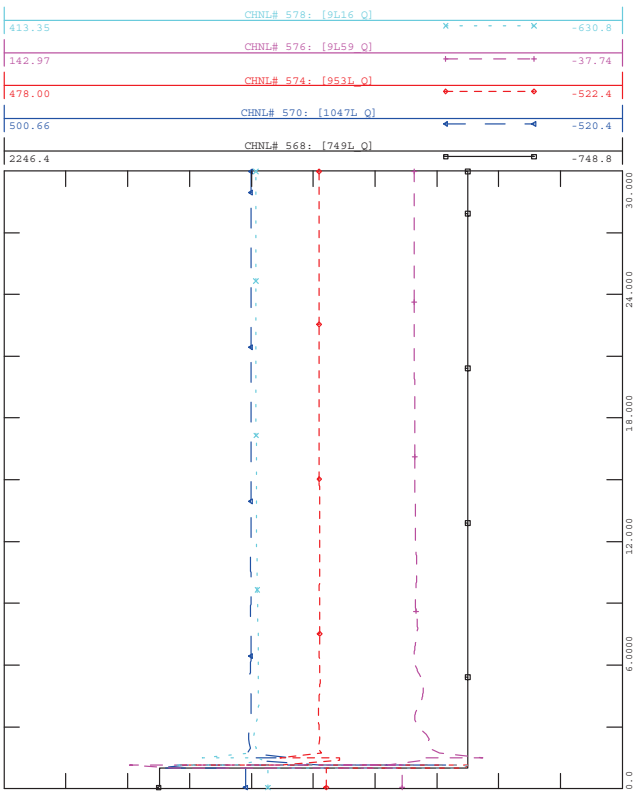


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_02_749L_METISKOW

FILE: Scn5_2028SL_02_749L_Metiskow.out

TUE, AUG 13 2024 7:57

BRANCH Q

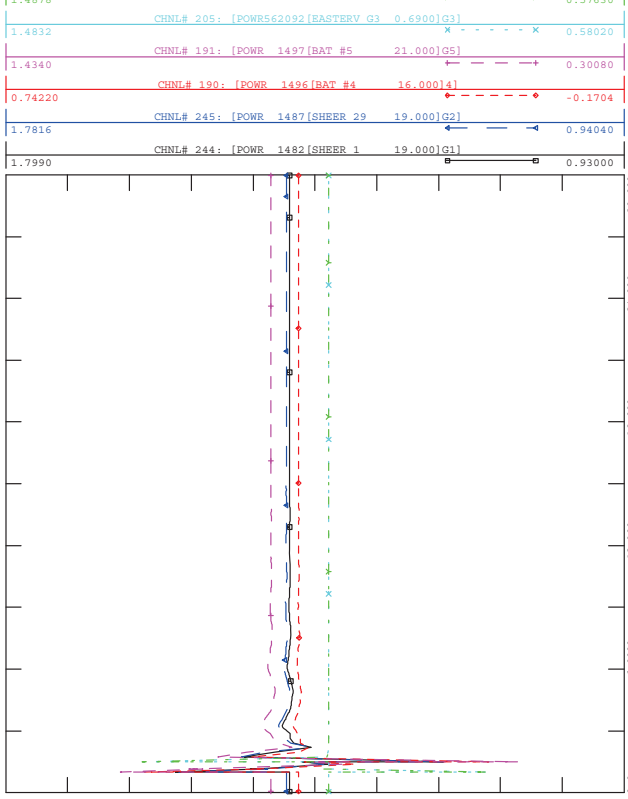


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_03_749L_EDGERTON

FILE: Scn5_2028SL_03_749L_Edgerton.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

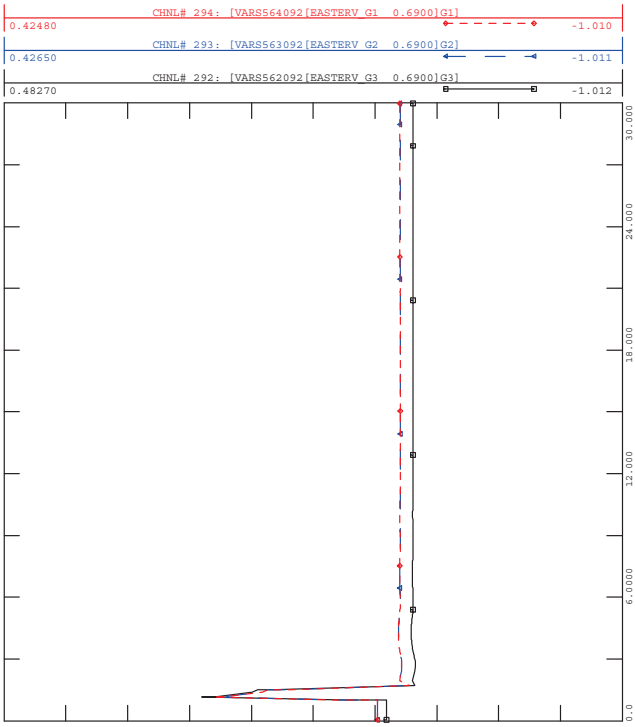


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_03_749L_EDGERTON

FILE: Scn5_2028SL_03_749L_Edgerton.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

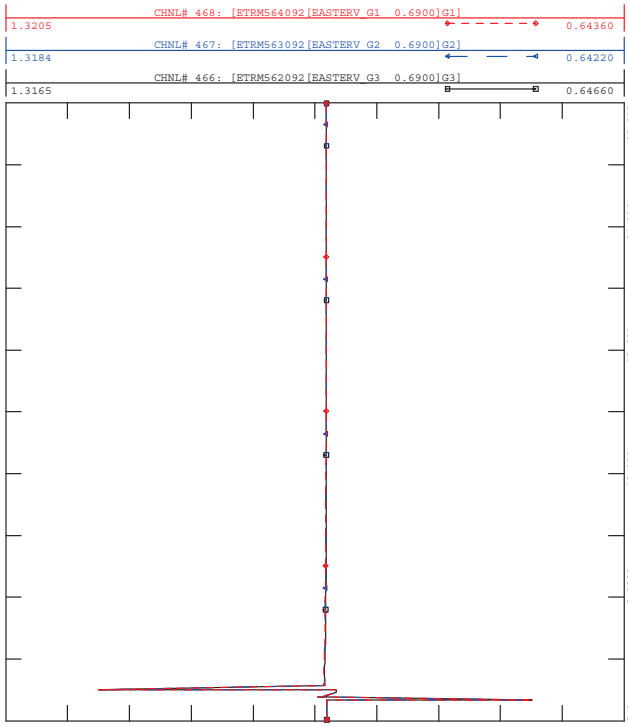


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_03_749L_EDGERTON

FILE: Scn5_2028SL_03_749L_Edgerton.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

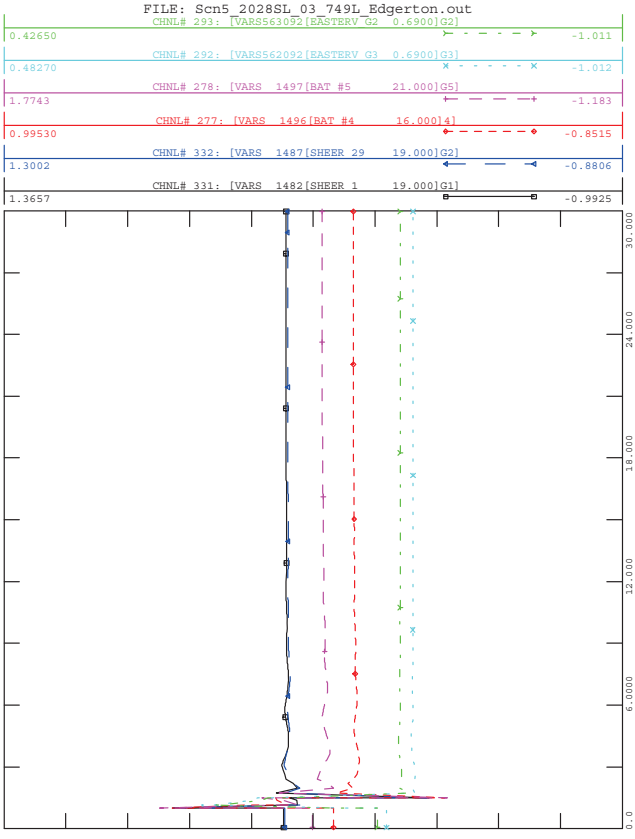


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_03_749L_EDGERTON

FILE: Scn5_2028SL_03_749L_Edgerton.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

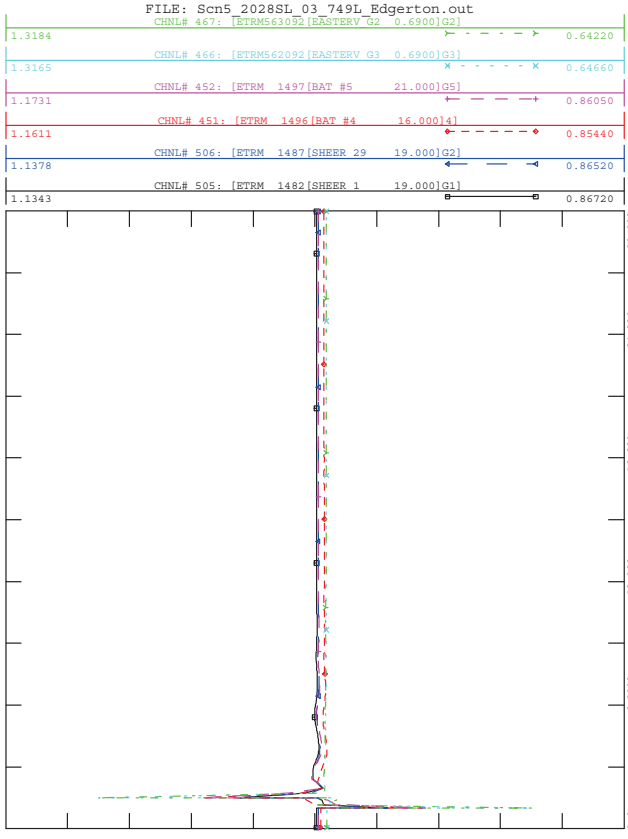


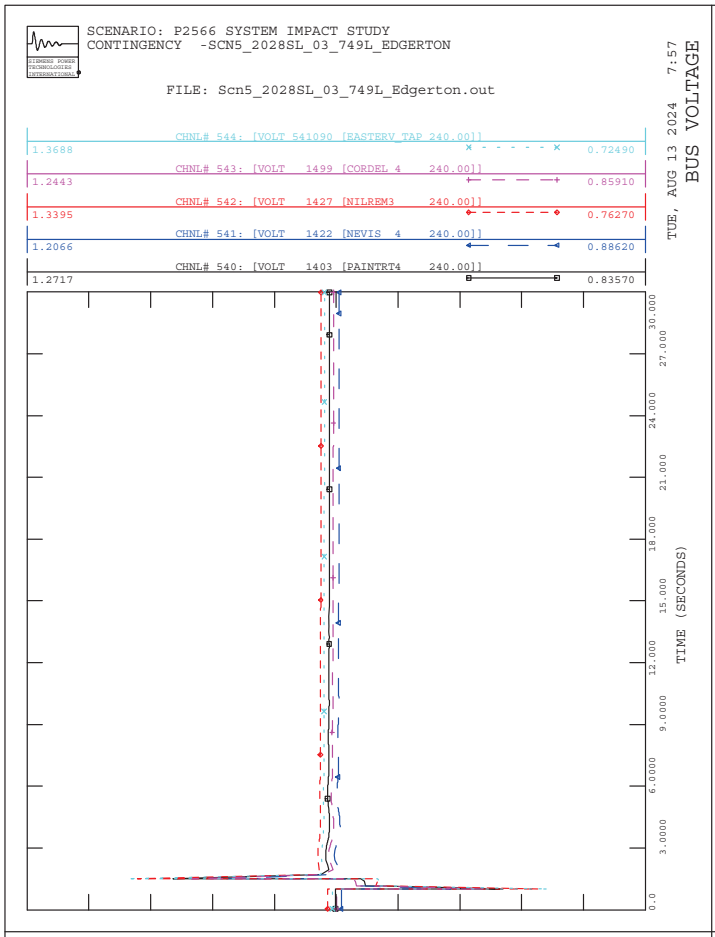
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_03_749L_EDGERTON

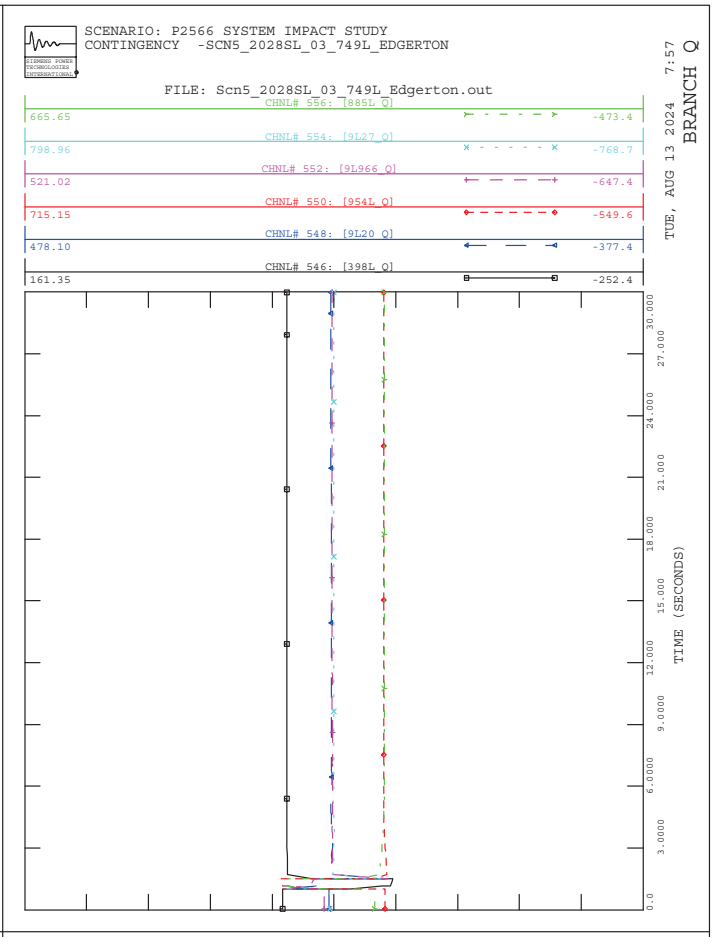
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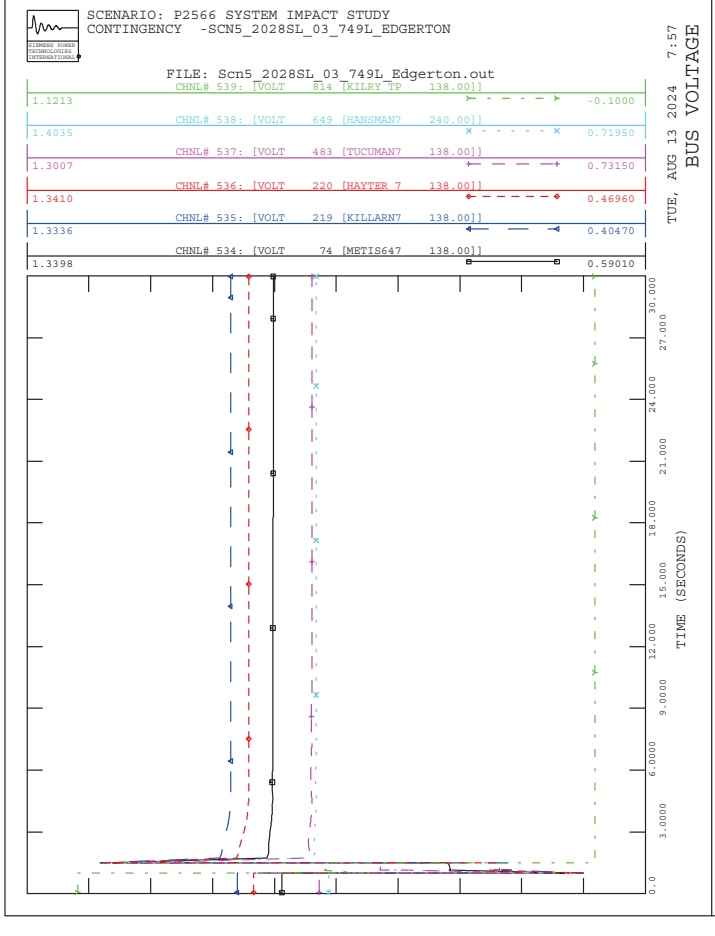
TUE, AUG 13 2024 7:57

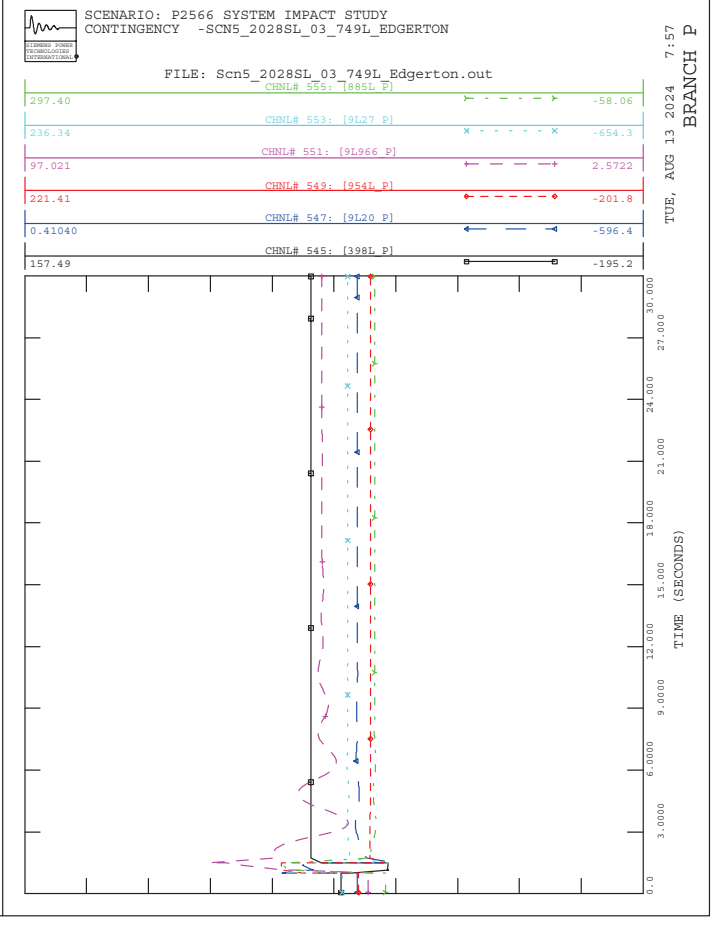
TERMINAL VOLTAGE

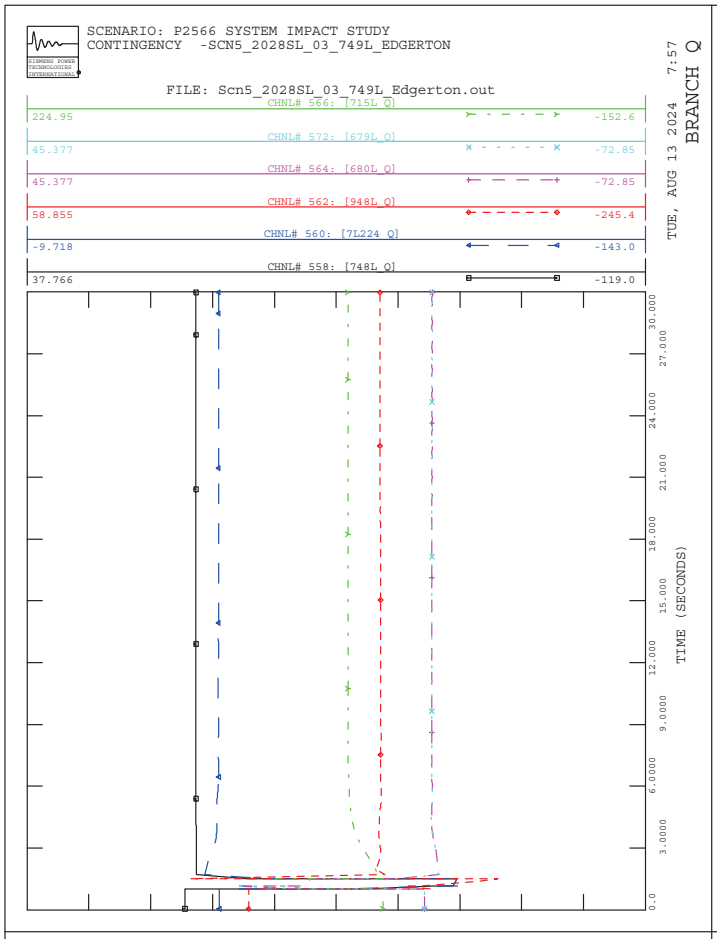


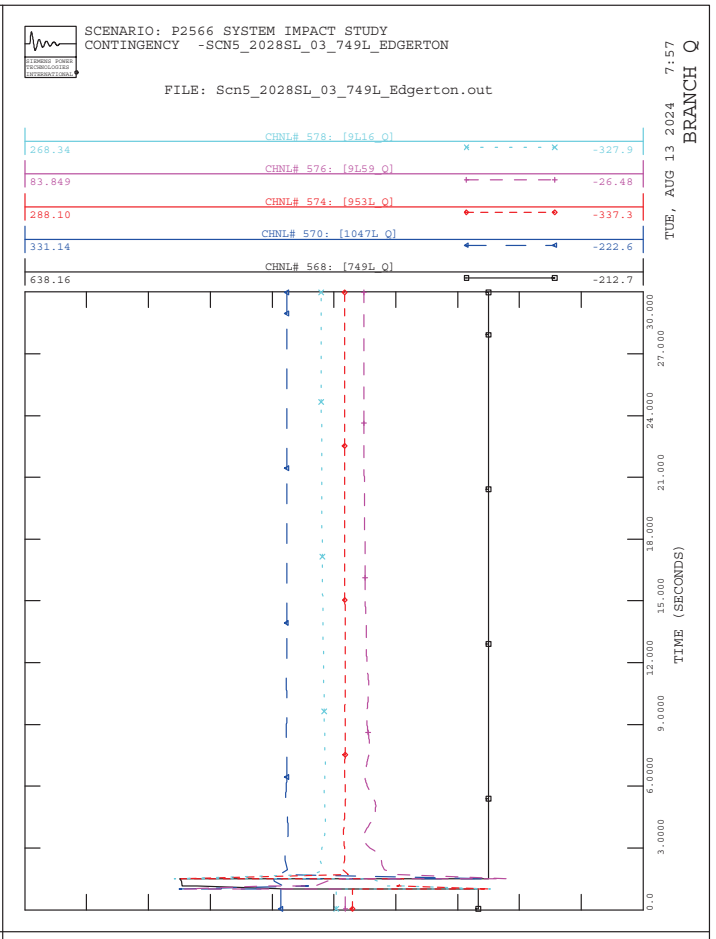

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_03_749L_EDGERTON
FILE: Scn5_2028SL_03_749L_Edgerton.out
CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.3688
0.72490
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2443
0.85910
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3395
0.76270
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2066
0.88620
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2717
0.83570
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

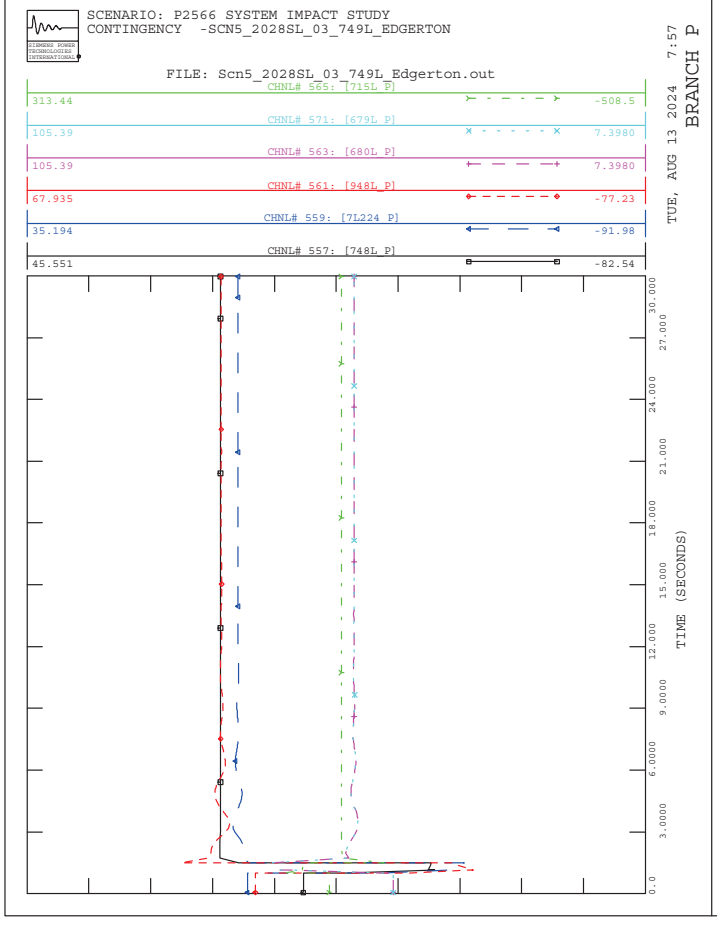

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_03_749L_EDGERTON
FILE: Scn5_2028SL_03_749L_Edgerton.out
CHNL# 556: [885L Q]
665.65
-473.4
CHNL# 554: [9L27 Q]
798.96
-768.7
CHNL# 552: [9L966 Q]
521.02
-647.4
CHNL# 550: [954L Q]
715.15
-549.6
CHNL# 548: [9L20 Q]
478.10
-377.4
CHNL# 546: [398L Q]
161.35
-252.4
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

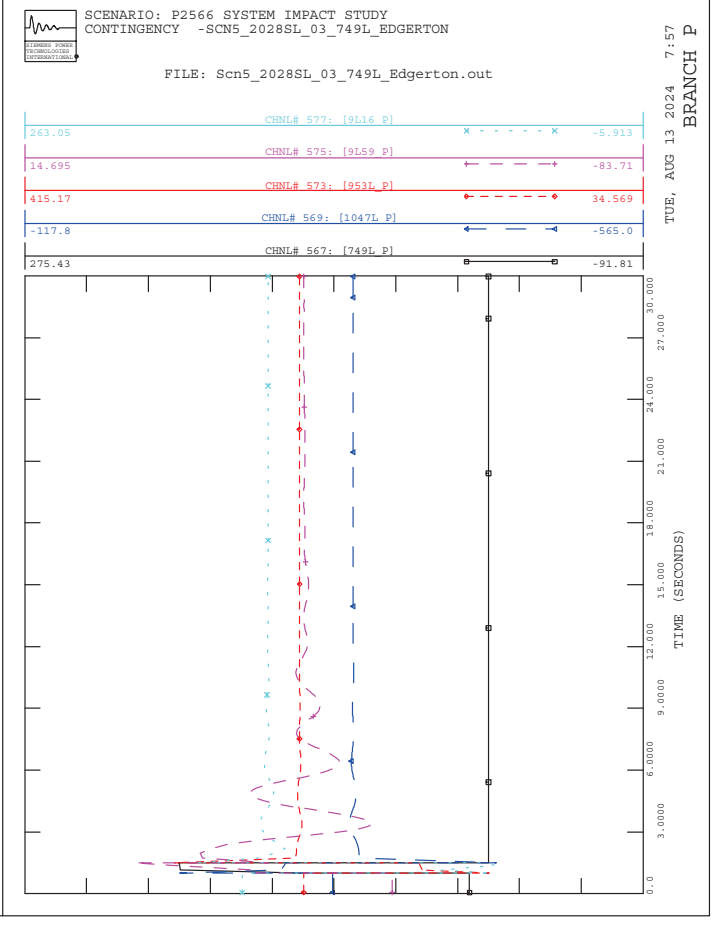

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_03_749L_EDGERTON
FILE: Scn5_2028SL_03_749L_Edgerton.out
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.1213
-0.1000
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4035
0.71950
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3007
0.73150
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.3410
0.46960
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.3336
0.40470
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.3398
0.59010
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

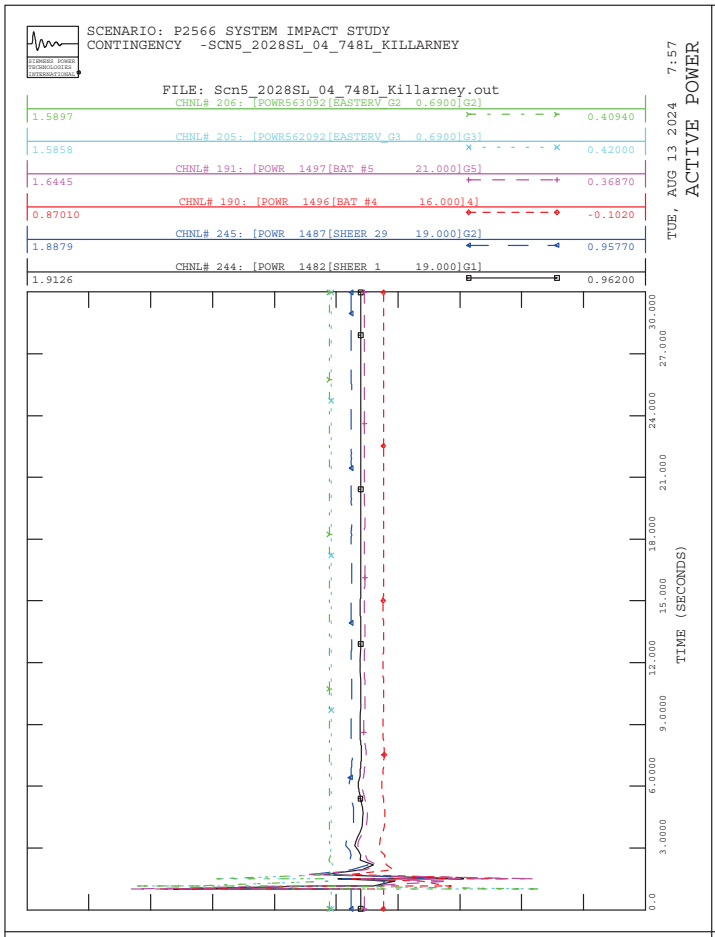

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_03_749L_EDGERTON
FILE: Scn5_2028SL_03_749L_Edgerton.out
CHNL# 555: [885L P]
297.40
-58.06
CHNL# 553: [9L27 P]
236.34
-654.3
CHNL# 551: [9L966 P]
97.021
2.5722
CHNL# 549: [954L P]
221.41
-201.8
CHNL# 547: [9L20 P]
0.41040
-596.4
CHNL# 545: [398L P]
157.49
-195.2
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

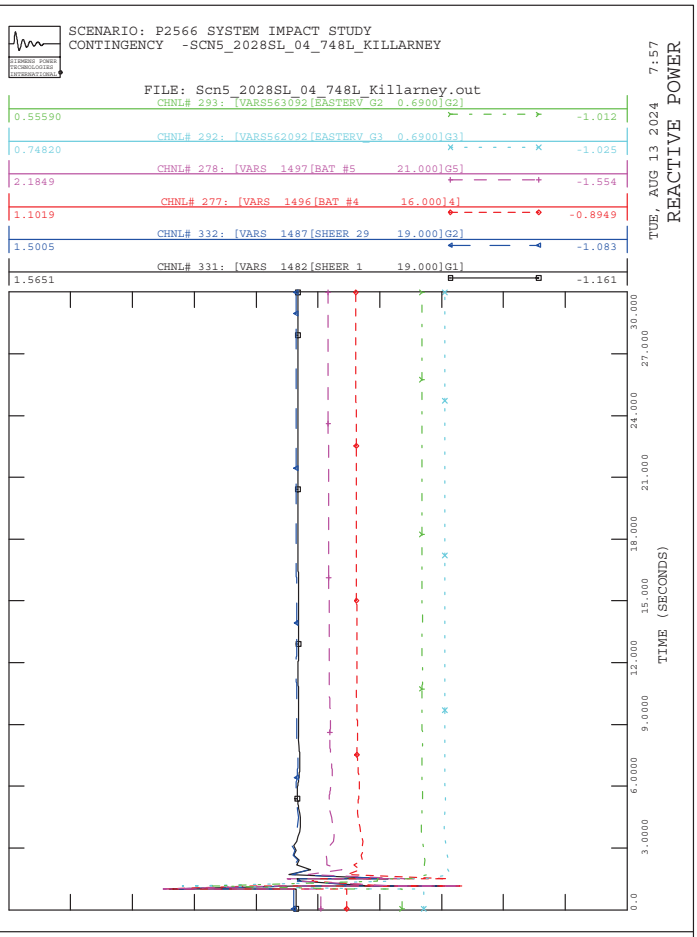

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_03_749L_EDGERTON
FILE: Scn5_2028SL_03_749L_Edgerton.out
CHNL# 566: [715L Q]
224.95
-152.6
CHNL# 572: [679L Q]
45.377
-72.85
CHNL# 564: [680L Q]
45.377
-72.85
CHNL# 562: [948L Q]
58.855
-245.4
CHNL# 560: [7L224 Q]
-9.718
-143.0
CHNL# 558: [748L Q]
37.766
-119.0
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

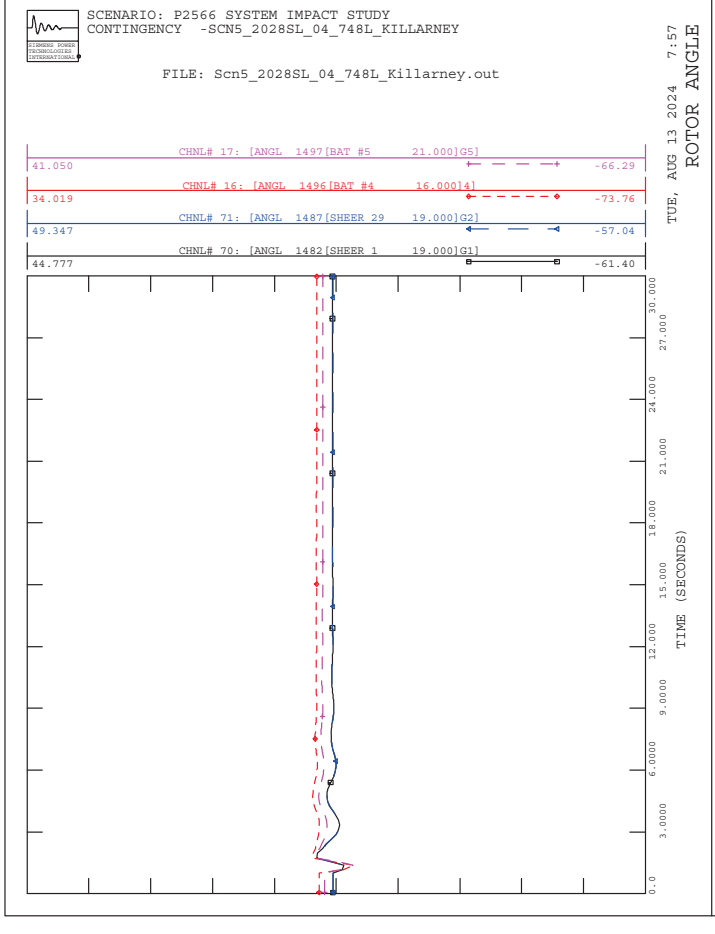

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_03_749L_EDGERTON
FILE: Scn5_2028SL_03_749L_Edgerton.out
CHNL# 578: [9L16 Q]
268.34
-327.9
CHNL# 576: [9L59 Q]
83.849
-26.48
CHNL# 574: [953L Q]
288.10
-337.3
CHNL# 570: [1047L Q]
331.14
-222.6
CHNL# 568: [749L Q]
638.16
-212.7
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

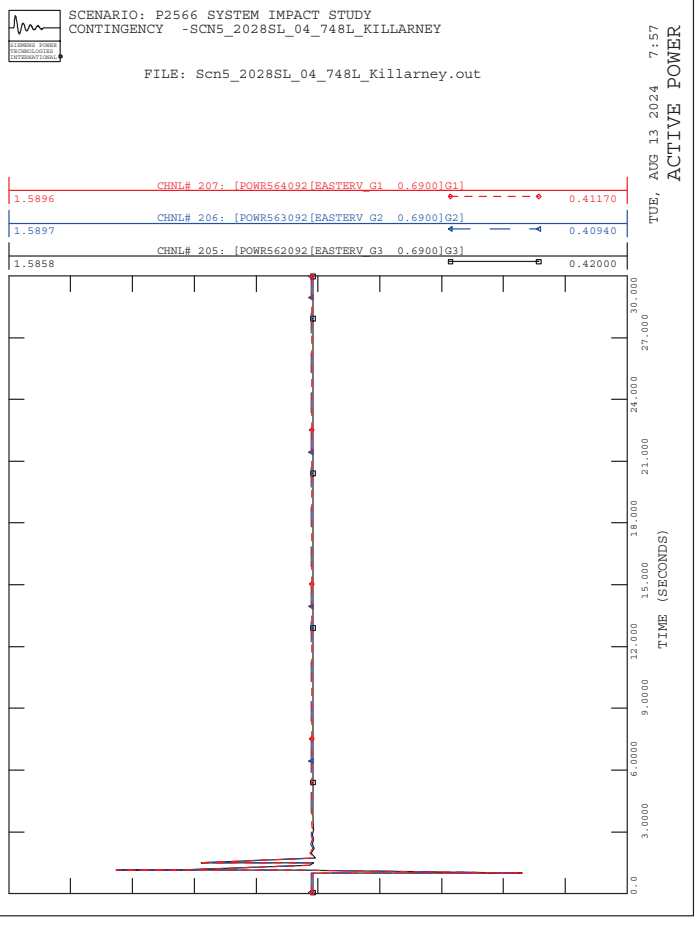

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_03_749L_EDGERTON
FILE: Scn5_2028SL_03_749L_Edgerton.out
CHNL# 565: [715L P]
313.44
-508.5
CHNL# 571: [679L P]
105.39
7.3980
CHNL# 563: [680L P]
105.39
7.3980
CHNL# 561: [948L P]
67.935
-77.23
CHNL# 559: [7L224 P]
35.194
-91.98
CHNL# 557: [748L P]
45.551
-82.54
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

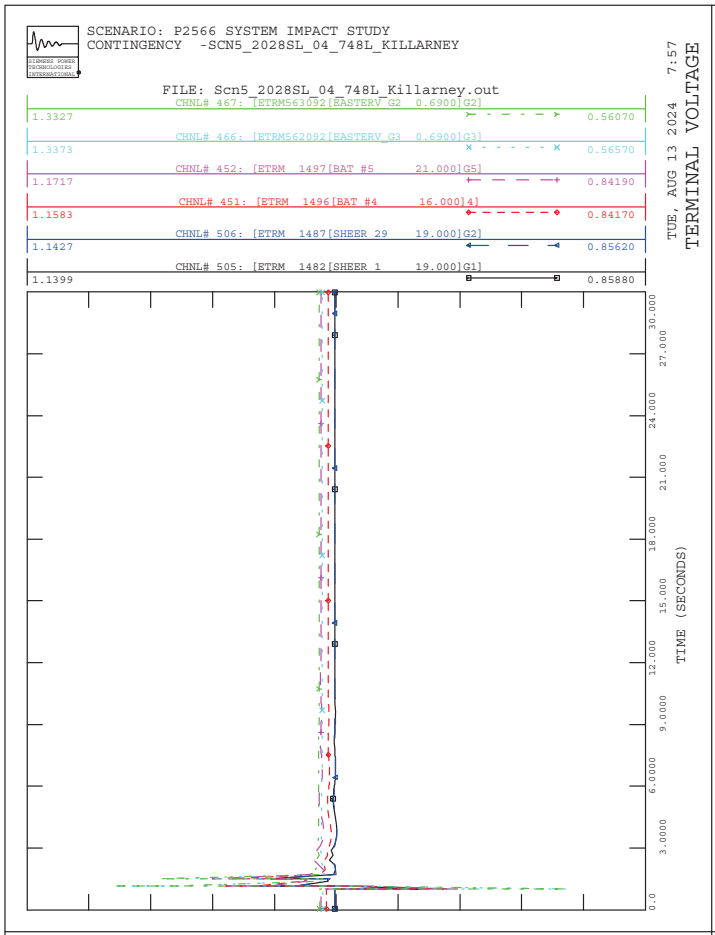

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_03_749L_EDGERTON
FILE: Scn5_2028SL_03_749L_Edgerton.out
CHNL# 577: [9L16 P]
263.05
-5.913
CHNL# 575: [9L59 P]
14.695
-83.71
CHNL# 573: [953L P]
415.17
34.569
CHNL# 569: [1047L P]
-117.8
-565.0
CHNL# 567: [749L P]
275.43
-91.81
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

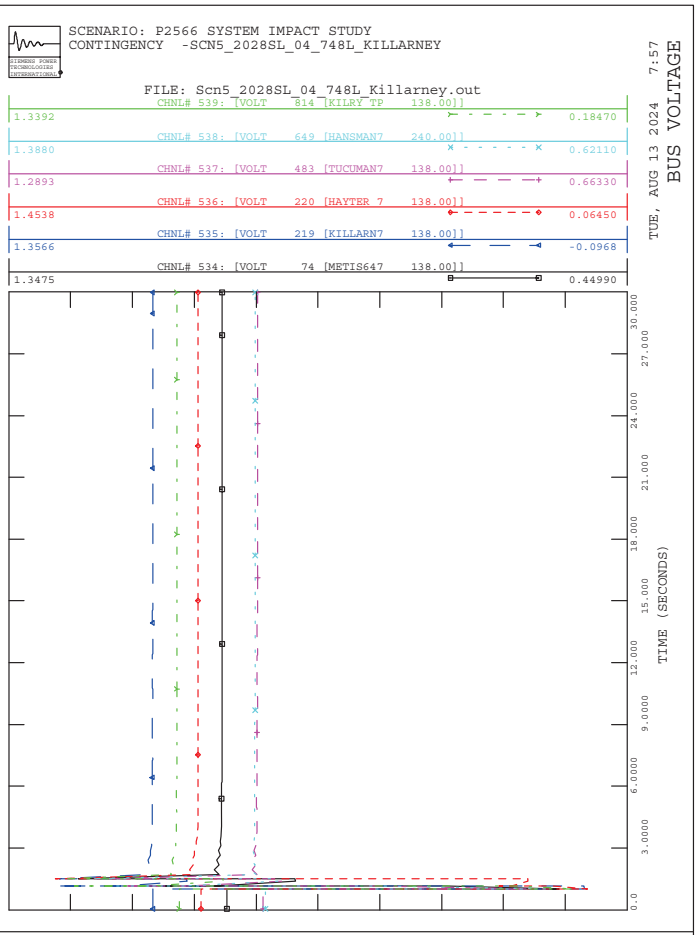

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_04_748L_KILLARNEY
FILE: Scn5_2028SL_04_748L_Killarney.out
CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2]
1.5897
0.40940
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3]
1.5858
0.42000
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.6445
0.36870
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.87010
-0.1020
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
1.8879
0.95770
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
1.9126
0.96200
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
ACTIVE POWER

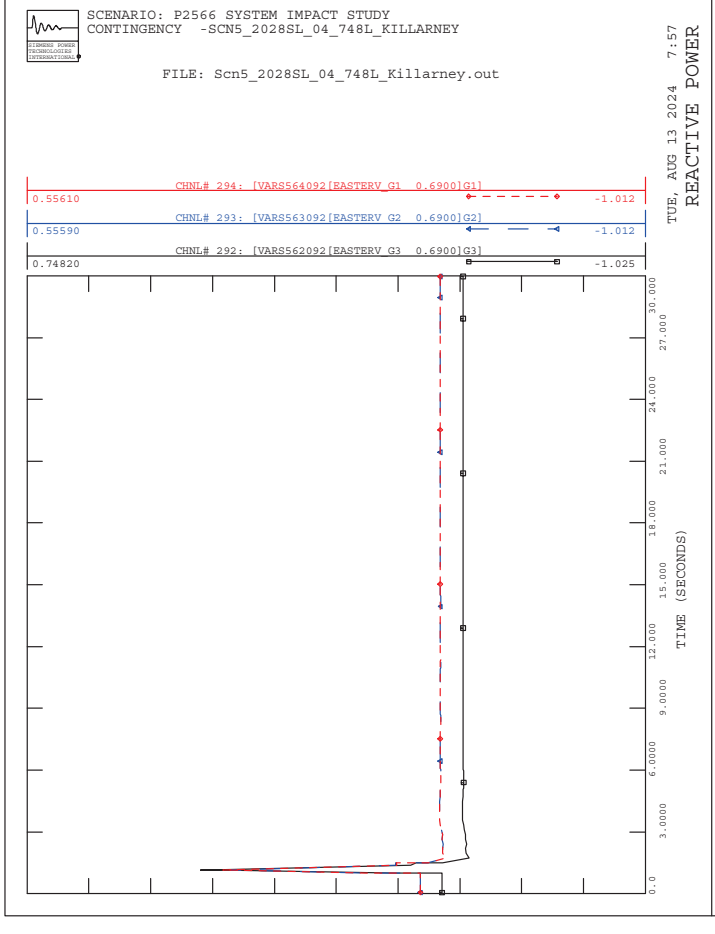

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_04_748L_KILLARNEY
FILE: Scn5_2028SL_04_748L_Killarney.out
CHNL# 293: [VARS563092[EASTERV_G2 0.6900]G2]
0.55590
-1.012
CHNL# 292: [VARS562092[EASTERV_G3 0.6900]G3]
0.74820
-1.025
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
2.1849
-1.554
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
1.1019
-0.8949
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
1.5005
-1.083
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
1.5651
-1.161
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
REACTIVE POWER

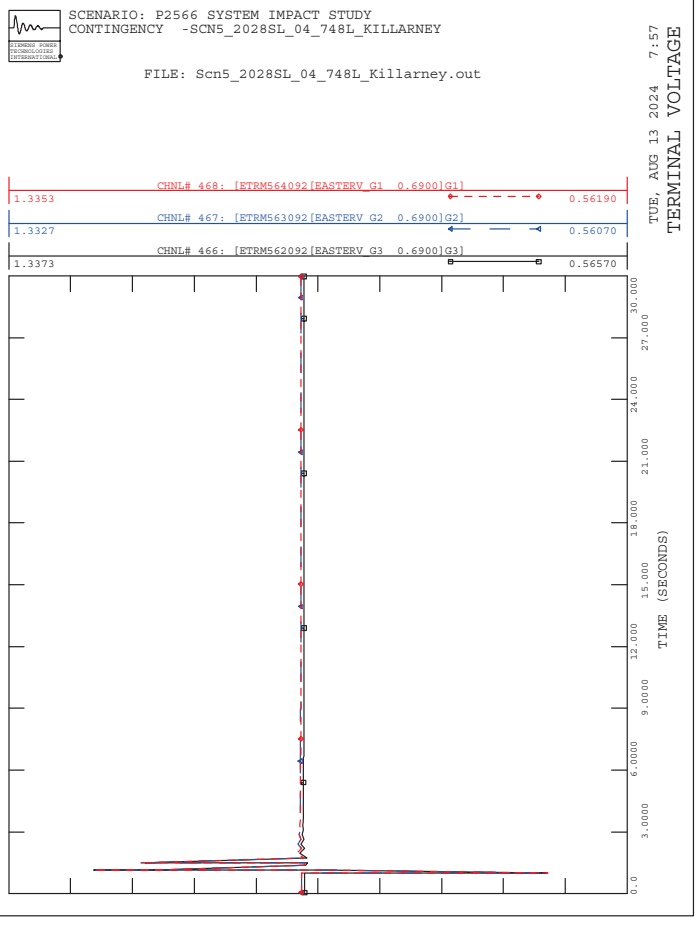

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_04_748L_KILLARNEY
FILE: Scn5_2028SL_04_748L_Killarney.out
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
41.050
-66.29
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
34.019
-73.76
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
49.347
-57.04
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
44.777
-61.40
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
ROTOR ANGLE

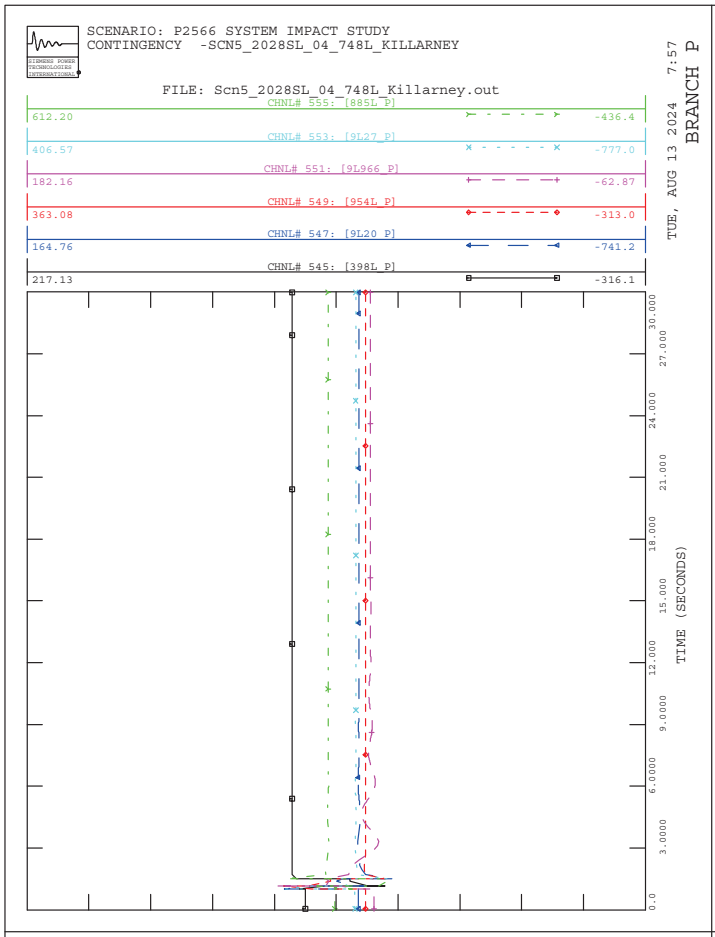

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_04_748L_KILLARNEY
FILE: Scn5_2028SL_04_748L_Killarney.out
CHNL# 207: [POWR564092[EASTERV_G1 0.6900]G1]
1.5896
0.41170
CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2]
1.5897
0.40940
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3]
1.5858
0.42000
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
ACTIVE POWER

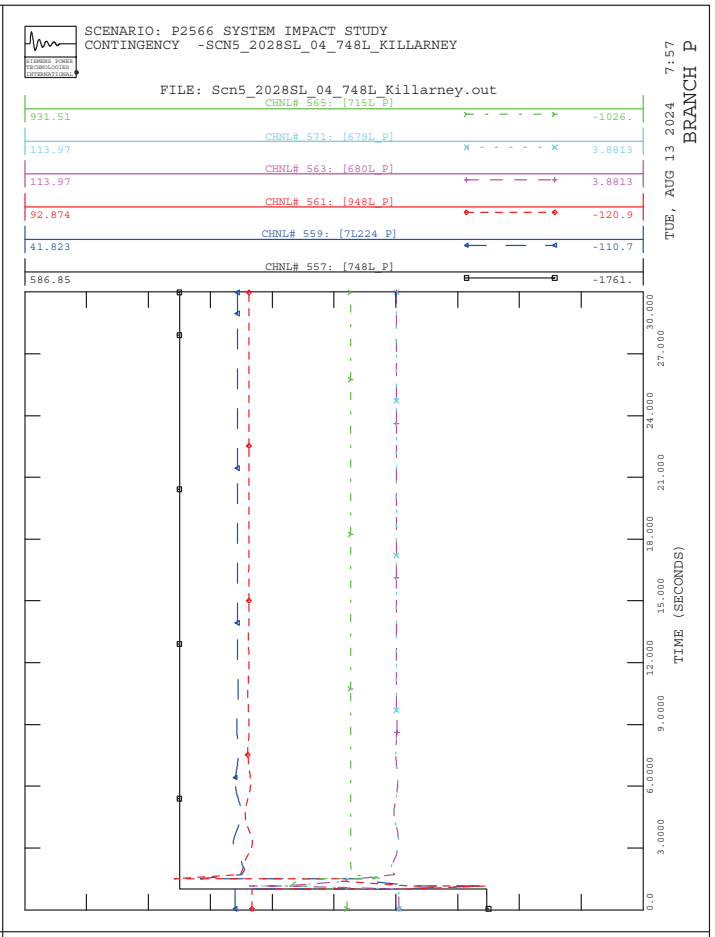

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_04_748L_KILLARNEY
FILE: Scn5_2028SL_04_748L_Killarney.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3327 0.56070
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3373 0.56570
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1717 0.84190
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
1.1583 0.84170
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1427 0.85620
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1399 0.85880
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

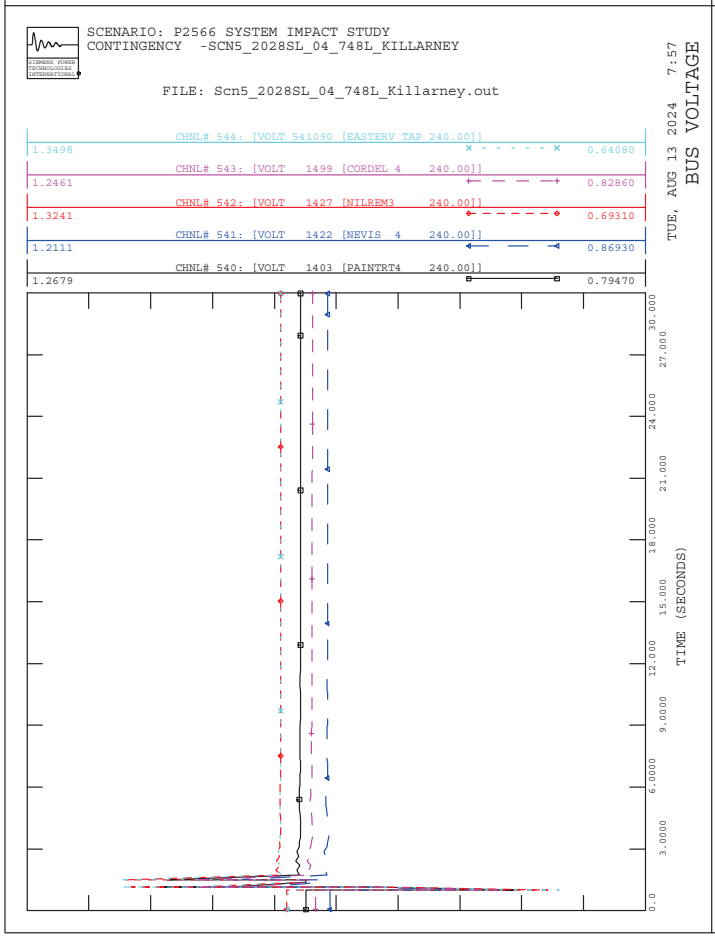

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_04_748L_KILLARNEY
FILE: Scn5_2028SL_04_748L_Killarney.out
TUE, AUG 13 2024 7:57
BUS VOLTAGE
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.3392 0.18470
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.3880 0.62110
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.2893 0.66330
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4538 0.06450
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.3566 -0.0968
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.3475 0.44990
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

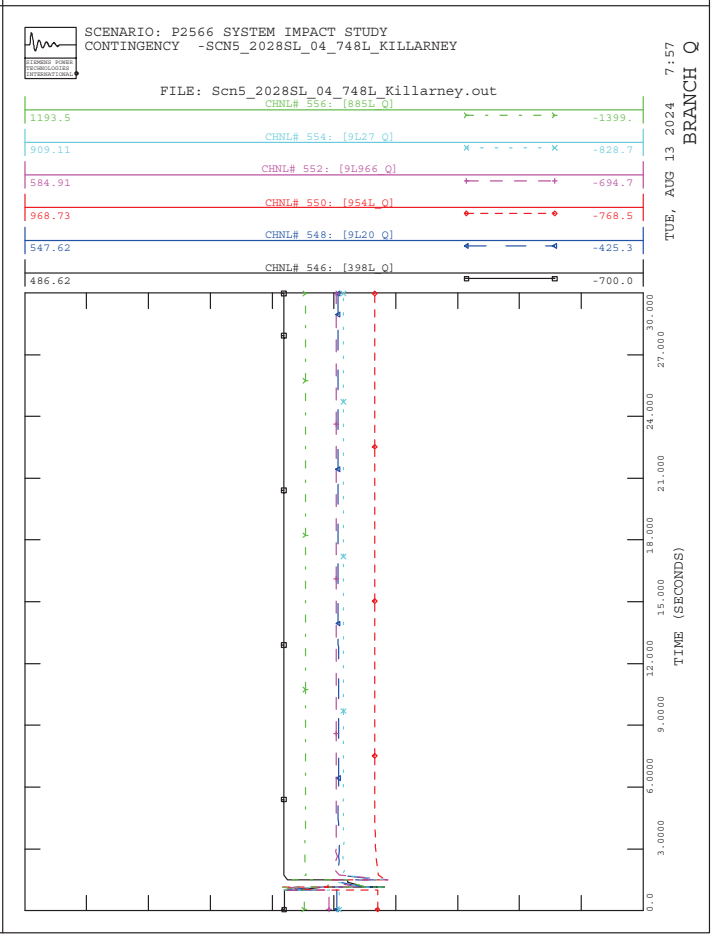

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_04_748L_KILLARNEY
FILE: Scn5_2028SL_04_748L_Killarney.out
TUE, AUG 13 2024 7:57
REACTIVE POWER
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
0.55610 -1.012
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.55590 -1.012
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
0.74820 -1.025
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_04_748L_KILLARNEY
FILE: Scn5_2028SL_04_748L_Killarney.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.3353 0.56190
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3327 0.56070
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3373 0.56570
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_04_748L_KILLARNEY
FILE: Scn5_2028SL_04_748L_Killarney.out
CHNL# 555: [885L P]
612.20
-436.4
CHNL# 553: [9L27 P]
406.57
-777.0
CHNL# 551: [9L966 P]
182.16
-62.87
CHNL# 549: [954L P]
363.08
-313.0
CHNL# 547: [9L20 P]
164.76
-741.2
CHNL# 545: [398L P]
217.13
-316.1
BRANCH P
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_04_748L_KILLARNEY
FILE: Scn5_2028SL_04_748L_Killarney.out
CHNL# 565: [715L P]
931.51
-1026.
CHNL# 571: [679L P]
113.97
3.8813
CHNL# 563: [680L P]
113.97
3.8813
CHNL# 561: [948L P]
92.874
-120.9
CHNL# 559: [7L224 P]
41.823
-110.7
CHNL# 557: [748L P]
586.85
-1761.
BRANCH P
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_04_748L_KILLARNEY
FILE: Scn5_2028SL_04_748L_Killarney.out
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.3498
0.64080
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2461
0.82860
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3241
0.69310
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2111
0.86930
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2679
0.79470
BUS VOLTAGE
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_04_748L_KILLARNEY
FILE: Scn5_2028SL_04_748L_Killarney.out
CHNL# 556: [885L Q]
1193.5
-1399.
CHNL# 554: [9L27 Q]
909.11
-828.7
CHNL# 552: [9L966 Q]
584.91
-694.7
CHNL# 550: [954L Q]
968.73
-768.5
CHNL# 548: [9L20 Q]
547.62
-425.3
CHNL# 546: [398L Q]
486.62
-700.0
BRANCH Q
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_04_748L_KILLARNEY

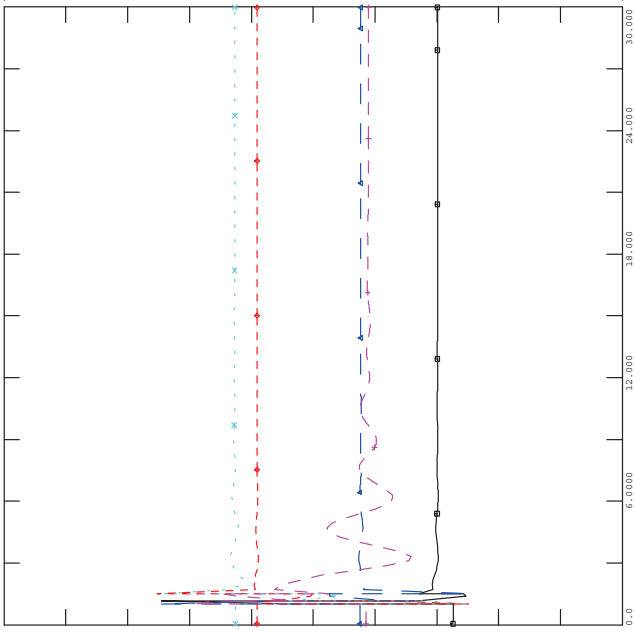
FILE: Scn5_2028SL_04_748L_Killarney.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P] 320.58 -86.12
CHNL# 575: [9L59_P] 28.112 -94.60
CHNL# 573: [953L_P] 452.53 -57.86
CHNL# 569: [1047L_P] -30.38 -569.4
CHNL# 567: [749L_P] 321.34 -105.6

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_05_748L_HAYTER

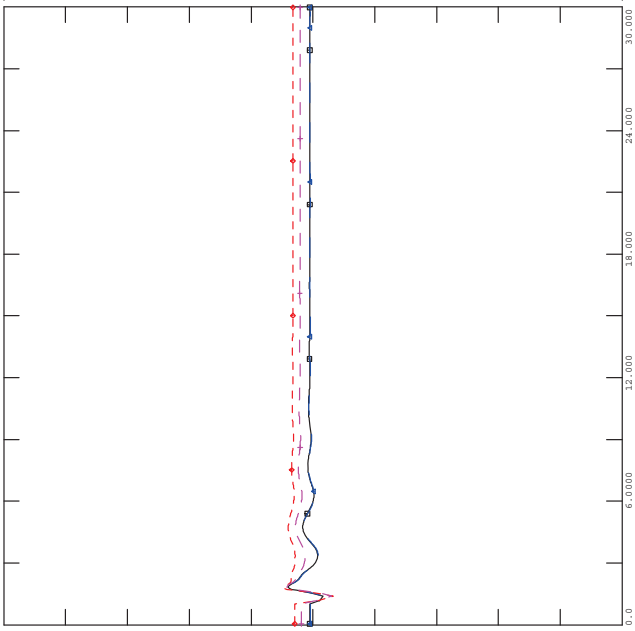
FILE: Scn5_2028SL_05_748L_Hayter.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5] 41.446 -66.82
CHNL# 16: [ANGL 1496[BAT #4 16.000]4] 34.307 -74.69
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2] 49.971 -57.54
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1] 45.367 -61.92

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_04_748L_KILLARNEY

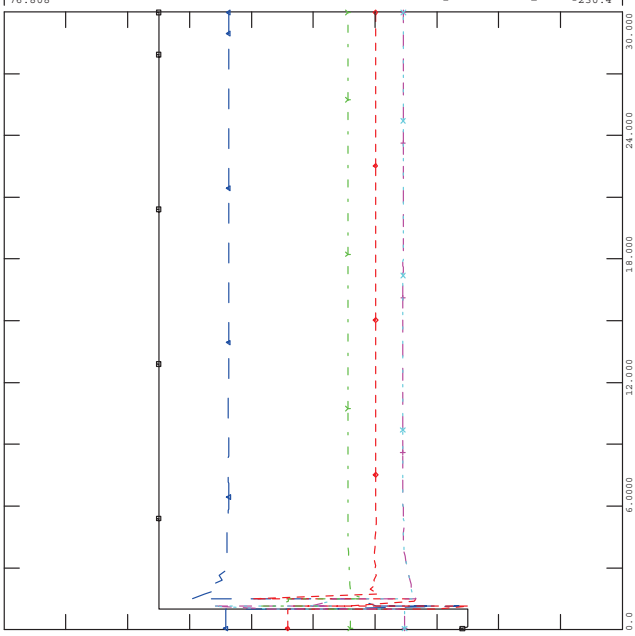
FILE: Scn5_2028SL_04_748L_Killarney.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 566: [715L_Q] 1975.2 -1540.
CHNL# 572: [679L_Q] 46.809 -72.71
CHNL# 564: [680L_Q] 46.809 -72.71
CHNL# 562: [948L_Q] 165.86 -305.3
CHNL# 560: [7L224_Q] 3.6321 -149.1
CHNL# 558: [748L_Q] 76.808 -230.4

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_04_748L_KILLARNEY

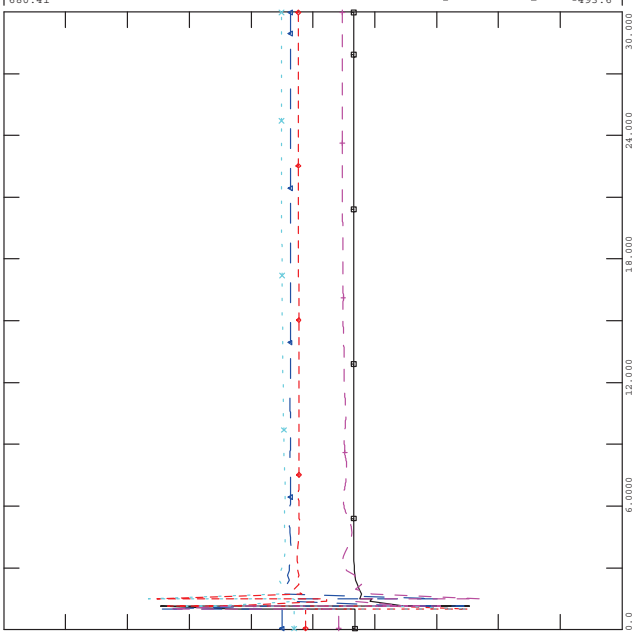
FILE: Scn5_2028SL_04_748L_Killarney.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16_Q] 255.82 -357.3
CHNL# 576: [9L59_Q] 100.64 -36.02
CHNL# 574: [953L_Q] 273.79 -375.4
CHNL# 570: [1047L_Q] 368.31 -224.1
CHNL# 568: [749L_Q] 680.41 -493.6

TIME (SECONDS)

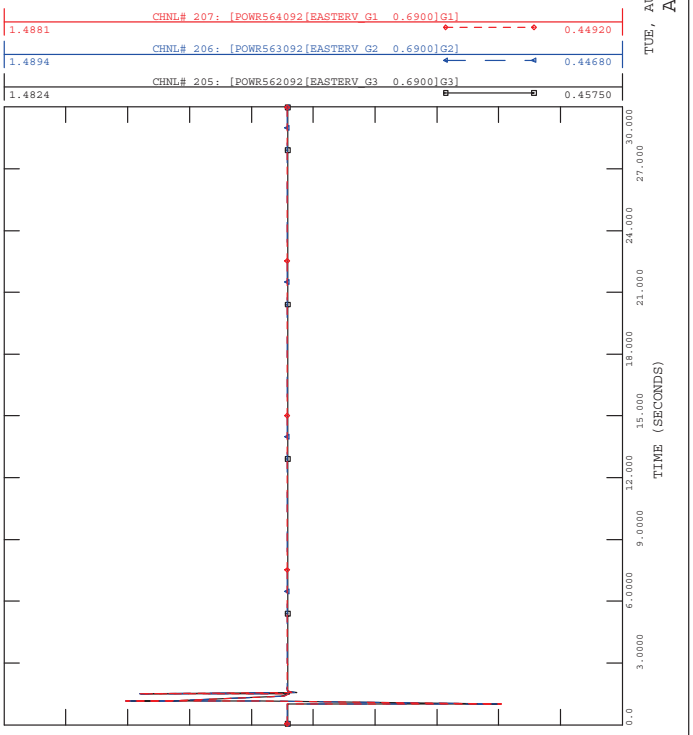


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_05_748L_HAYTER

FILE: Scn5_2028SL_05_748L_Hayter.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

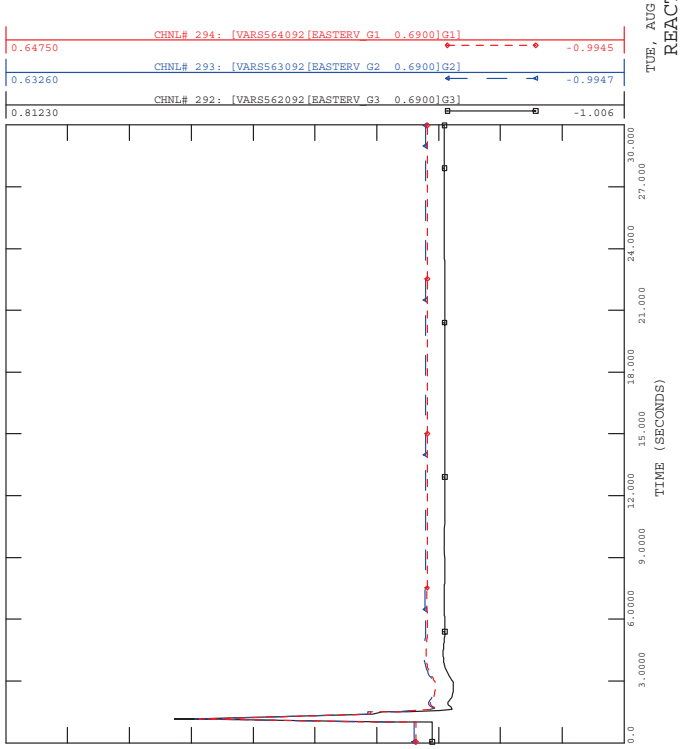


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_05_748L_HAYTER

FILE: Scn5_2028SL_05_748L_Hayter.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

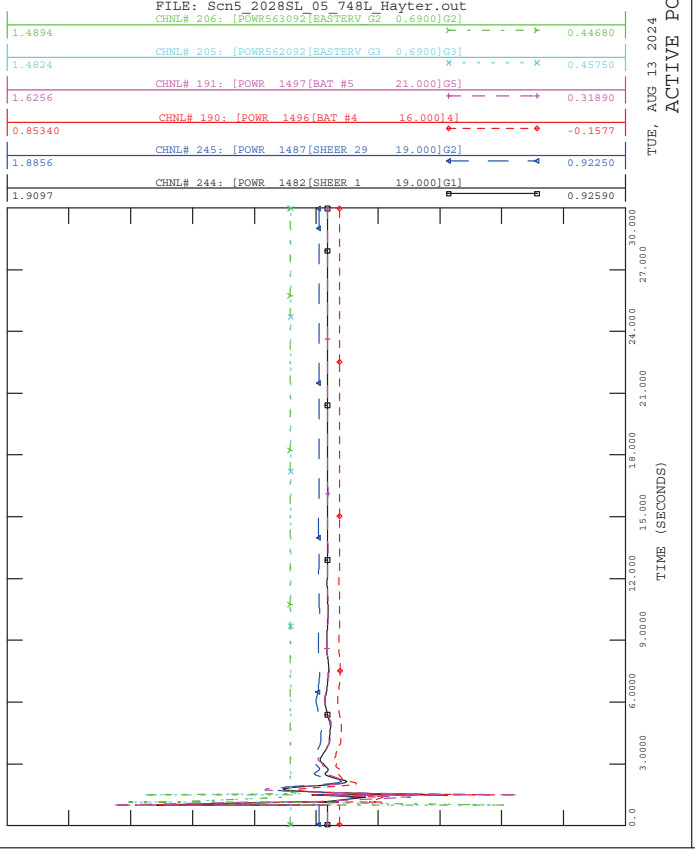


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_05_748L_HAYTER

FILE: Scn5_2028SL_05_748L_Hayter.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

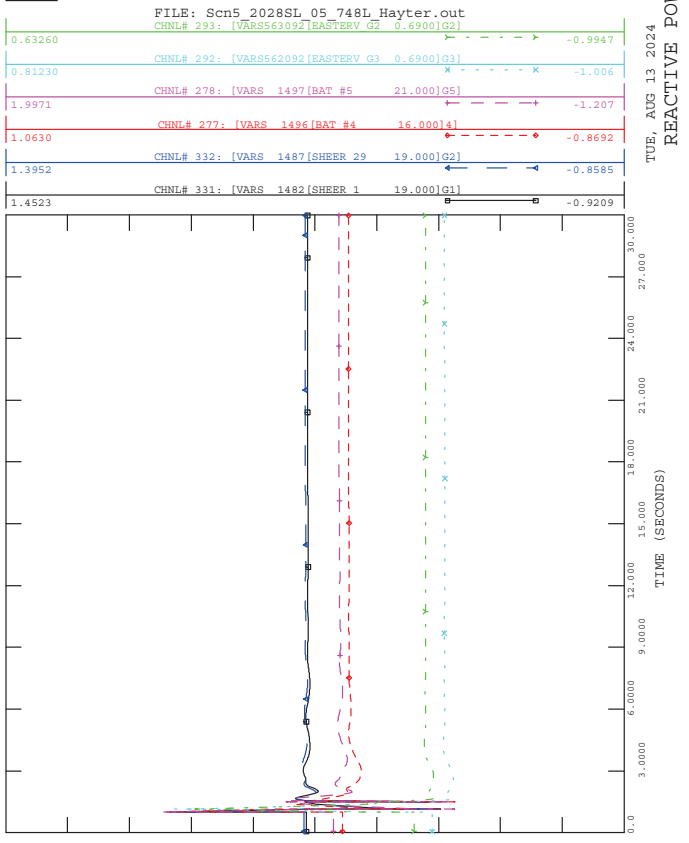


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_05_748L_HAYTER

FILE: Scn5_2028SL_05_748L_Hayter.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

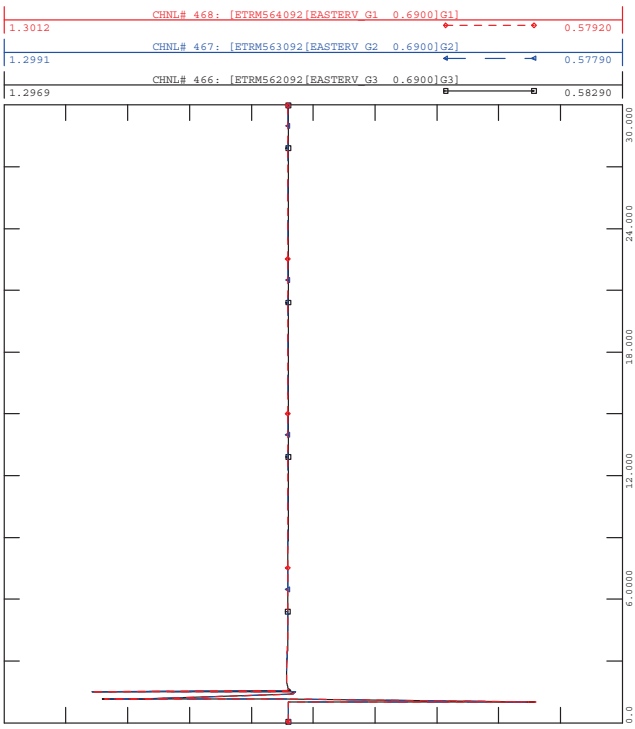


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_05_748L_HAYTER

FILE: Scn5_2028SL_05_748L_Hayter.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

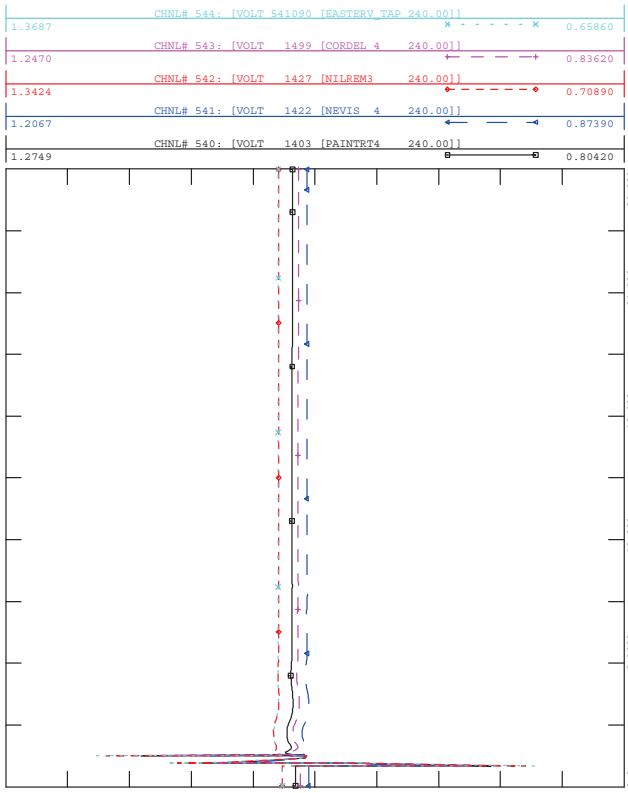


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_05_748L_HAYTER

FILE: Scn5_2028SL_05_748L_Hayter.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

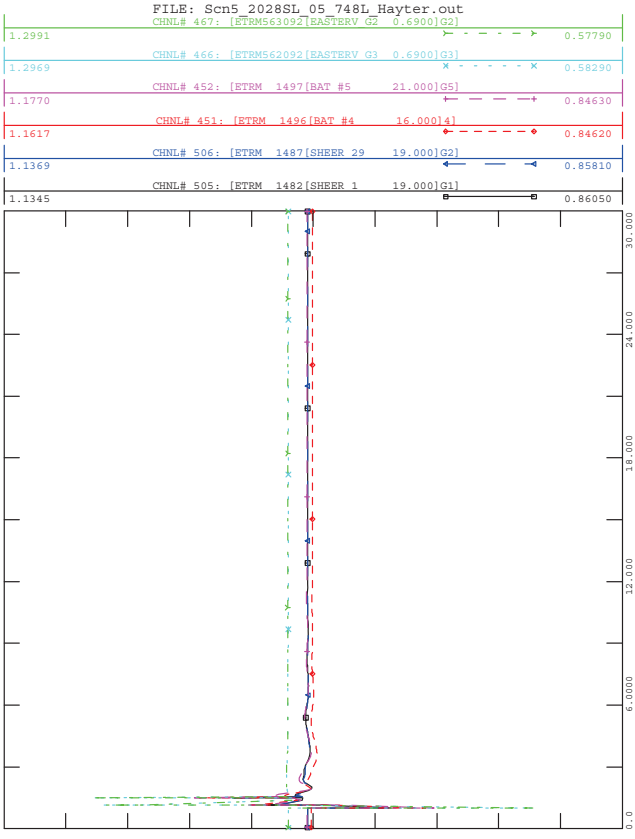


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_05_748L_HAYTER

FILE: Scn5_2028SL_05_748L_Hayter.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

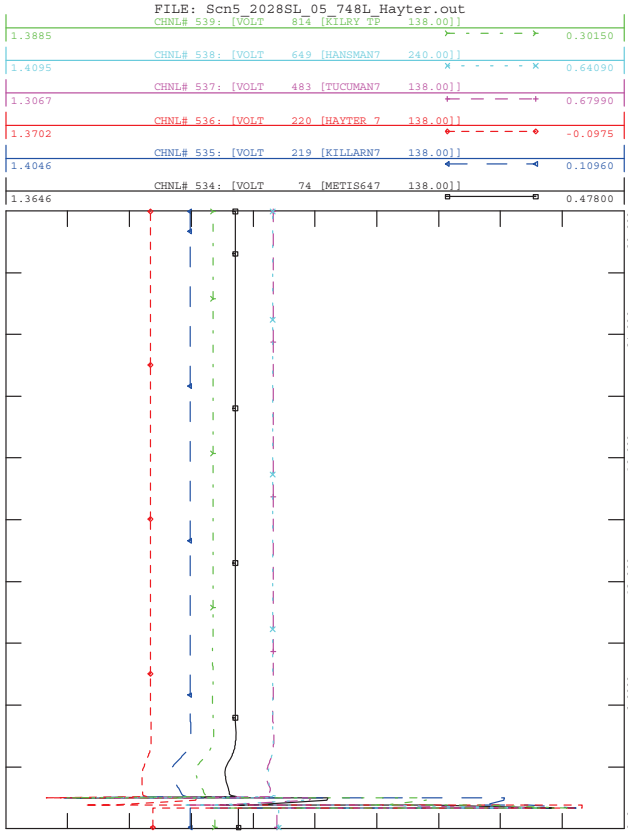


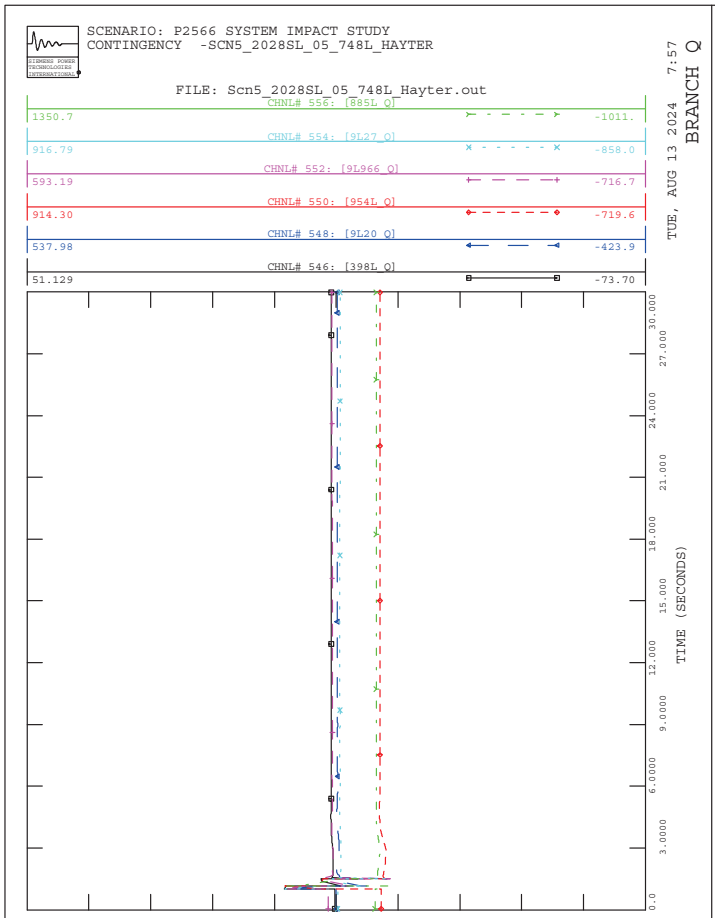
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_05_748L_HAYTER

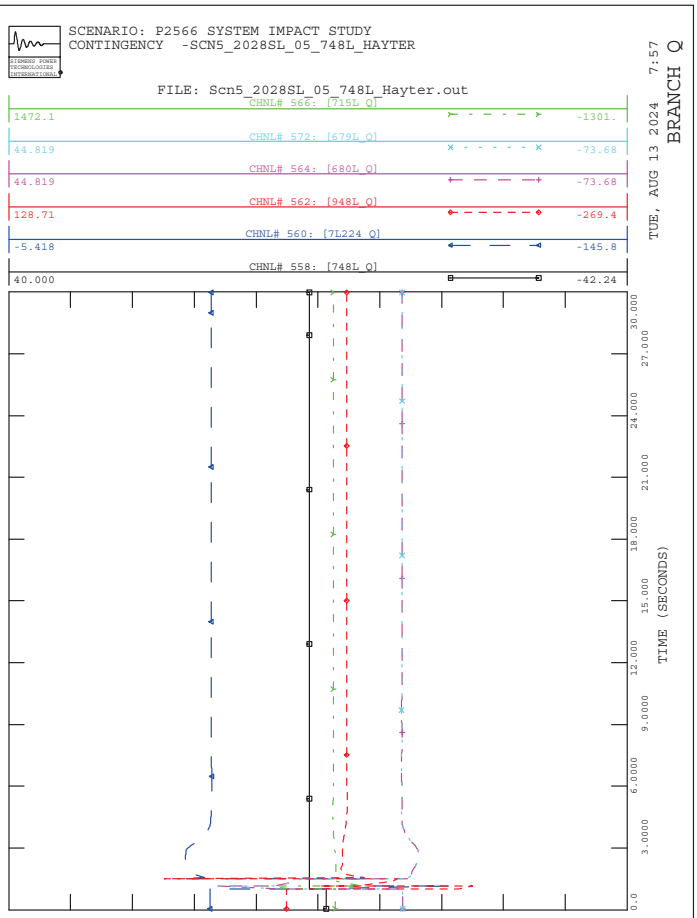
FILE: Scn5_2028SL_05_748L_Hayter.out

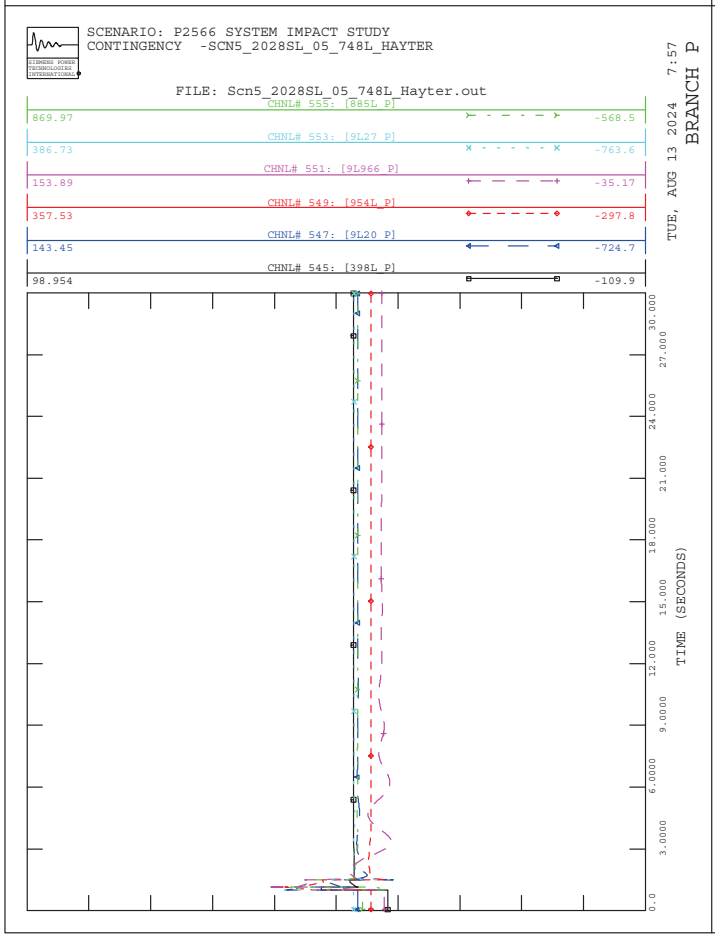
TUE, AUG 13 2024 7:57

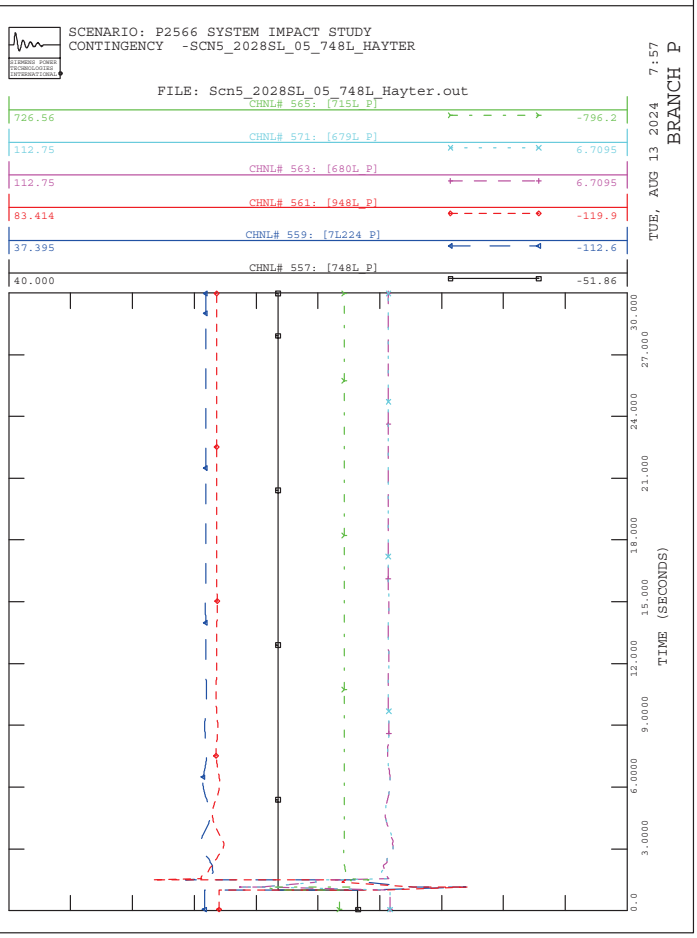
BUS VOLTAGE




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_05_748L_HAYTER
FILE: Scn5_2028SL_05_748L_Hayter.out
CHNL# 556: [885L Q]
1350.7
-1011.
CHNL# 554: [9L27 Q]
916.79
-858.0
CHNL# 552: [9L966 Q]
593.19
-716.7
CHNL# 550: [954L Q]
914.30
-719.6
CHNL# 548: [9L20 Q]
537.98
-423.9
CHNL# 546: [398L Q]
51.129
-73.70
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_05_748L_HAYTER
FILE: Scn5_2028SL_05_748L_Hayter.out
CHNL# 566: [715L Q]
1472.1
-1301.
CHNL# 572: [679L Q]
44.819
-73.68
CHNL# 564: [680L Q]
44.819
-73.68
CHNL# 562: [948L Q]
128.71
-269.4
CHNL# 560: [7L224 Q]
-5.418
-145.8
CHNL# 558: [748L Q]
40.000
-42.24
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_05_748L_HAYTER
FILE: Scn5_2028SL_05_748L_Hayter.out
CHNL# 555: [885L P]
869.97
-568.5
CHNL# 553: [9L27 P]
386.73
-763.6
CHNL# 551: [9L966 P]
153.89
-35.17
CHNL# 549: [954L P]
357.53
-297.8
CHNL# 547: [9L20 P]
143.45
-724.7
CHNL# 545: [398L P]
98.954
-109.9
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_05_748L_HAYTER
FILE: Scn5_2028SL_05_748L_Hayter.out
CHNL# 565: [715L P]
726.56
-796.2
CHNL# 571: [679L P]
112.75
6.7095
CHNL# 563: [680L P]
112.75
6.7095
CHNL# 561: [948L P]
83.414
-119.9
CHNL# 559: [7L224 P]
37.395
-112.6
CHNL# 557: [748L P]
40.000
-51.86
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

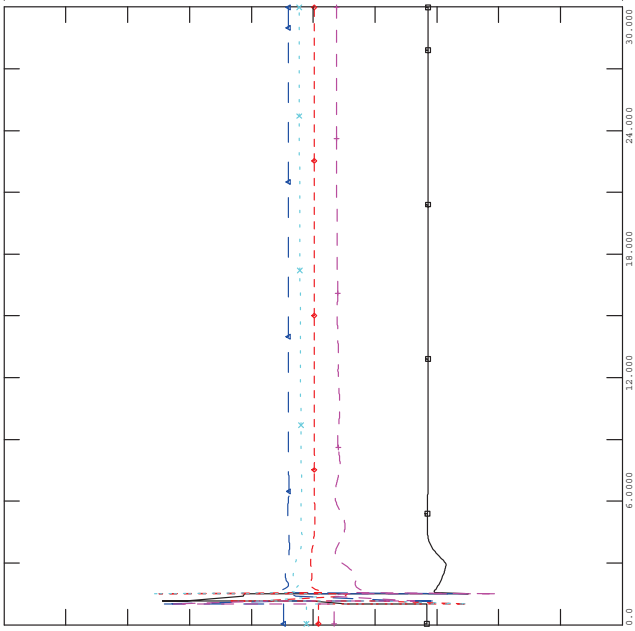
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_05_748L_HAYTER

FILE: Scn5_2028SL_05_748L_Hayter.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16_Q]
272.23 -349.2
CHNL# 576: [9L59_Q]
97.302 -35.07
CHNL# 574: [953L_Q]
300.78 -376.0
CHNL# 570: [1047L_Q]
362.45 -214.4
CHNL# 568: [749L_Q]
836.88 -366.3



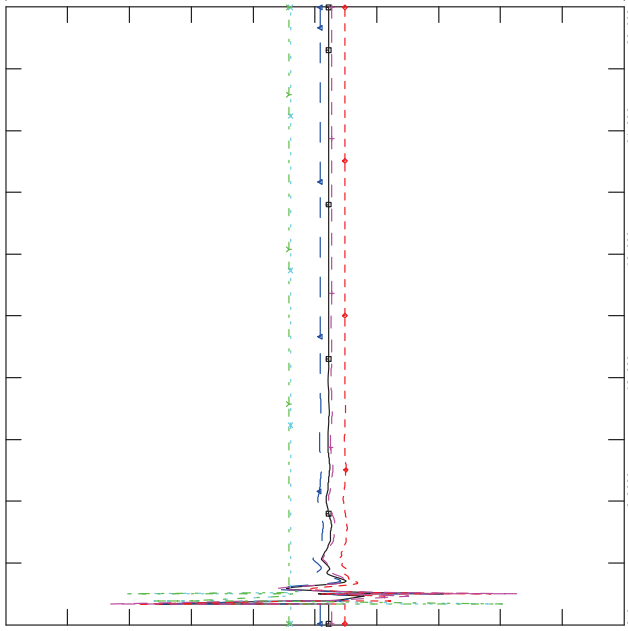
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_06_398L_HAYTER

FILE: Scn5_2028SL_06_398L_Hayter.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.4901 0.44660
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.4852 0.45730
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.6258 0.33880
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.85350 -0.1373
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
1.8856 0.93080
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
1.9098 0.93300



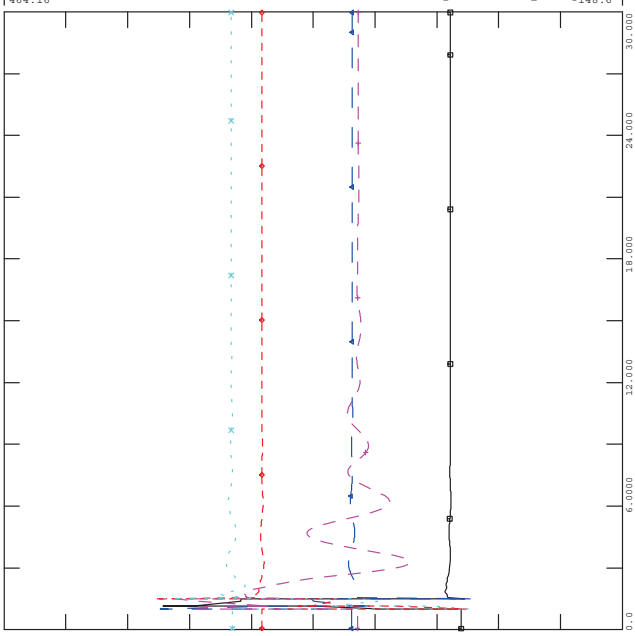
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_05_748L_HAYTER

FILE: Scn5_2028SL_05_748L_Hayter.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P]
308.19 -70.99
CHNL# 575: [9L59_P]
25.017 -95.39
CHNL# 573: [953L_P]
451.32 -46.48
CHNL# 569: [1047L_P]
-41.26 -573.9
CHNL# 567: [749L_P]
464.16 -148.6



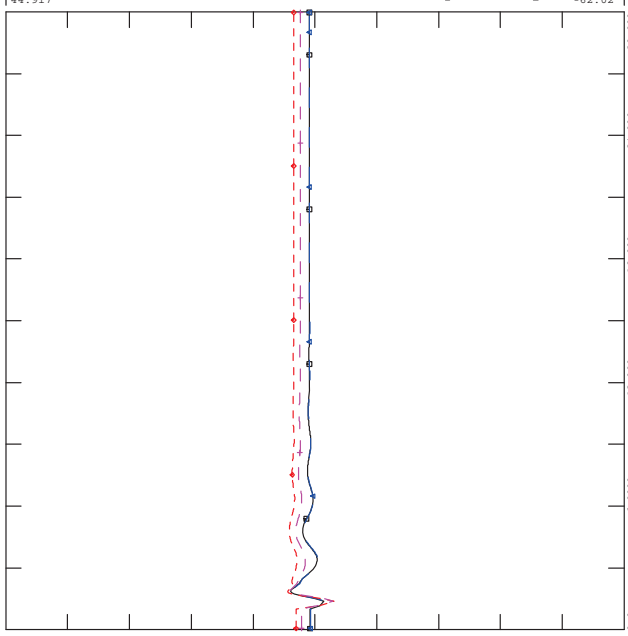
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_06_398L_HAYTER

FILE: Scn5_2028SL_06_398L_Hayter.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
40.959 -66.89
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
34.007 -74.59
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
49.535 -57.66
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
44.917 -62.02



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_06_398L_HAYTER

FILE: Scn5_2028SL_06_398L_Hayter.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.62850 -1.020

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
0.80310 -1.062

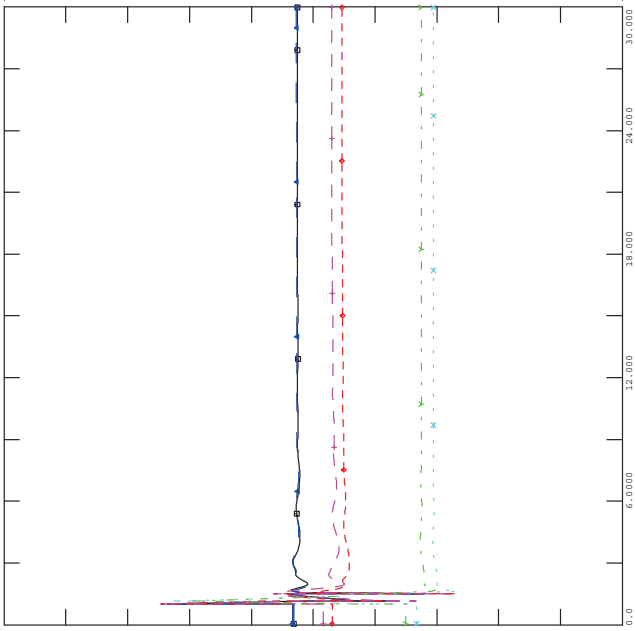
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
2.0381 -1.329

CHNL# 277: [VARS 1496[BAT #4 16.000]4]
1.0631 -0.9208

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
1.4338 -0.9741

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
1.4985 -1.059

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_06_398L_HAYTER

FILE: Scn5_2028SL_06_398L_Hayter.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3226 0.57790

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3203 0.58280

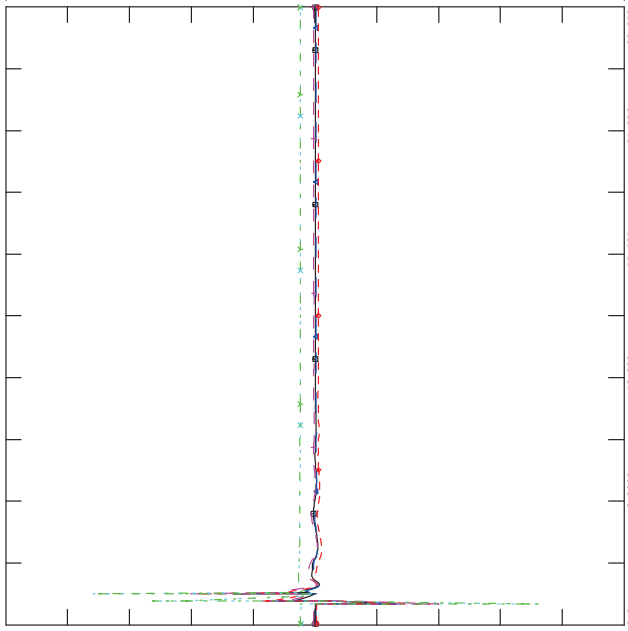
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1824 0.84630

CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
1.1652 0.84620

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1429 0.85810

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1400 0.86050

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_06_398L_HAYTER

FILE: Scn5_2028SL_06_398L_Hayter.out

TUE, AUG 13 2024 7:57

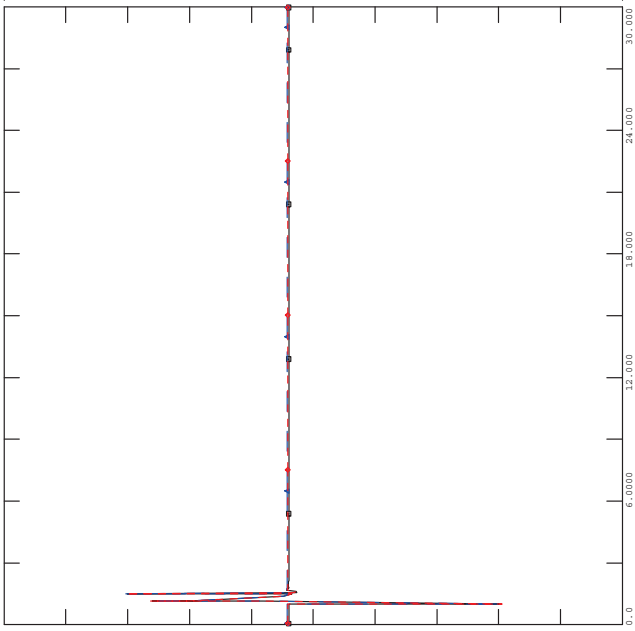
ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.4901 0.44910

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.4901 0.44660

CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.4852 0.45730

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TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_06_398L_HAYTER

FILE: Scn5_2028SL_06_398L_Hayter.out

TUE, AUG 13 2024 7:57

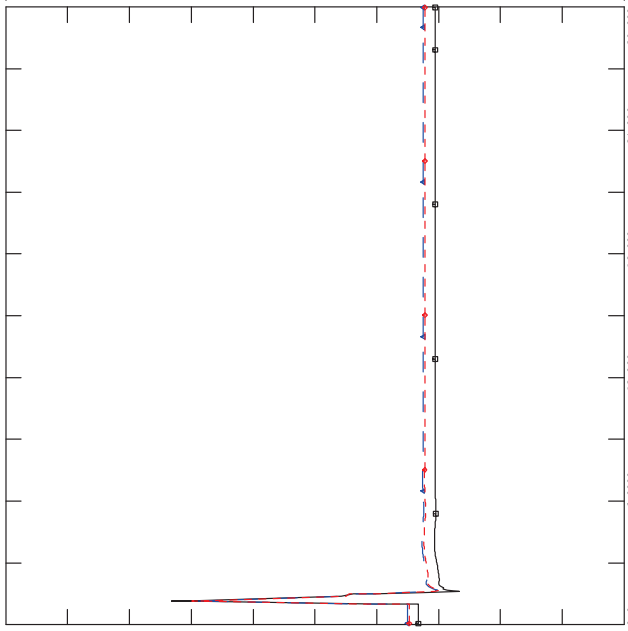
REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
0.64300 -1.019

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.62850 -1.020

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
0.80310 -1.062

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_06_398L_HAYTER

FILE: Scn5_2028SL_06_398L_Hayter.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.3620 0.30210

CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4269 0.64080

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3200 0.67980

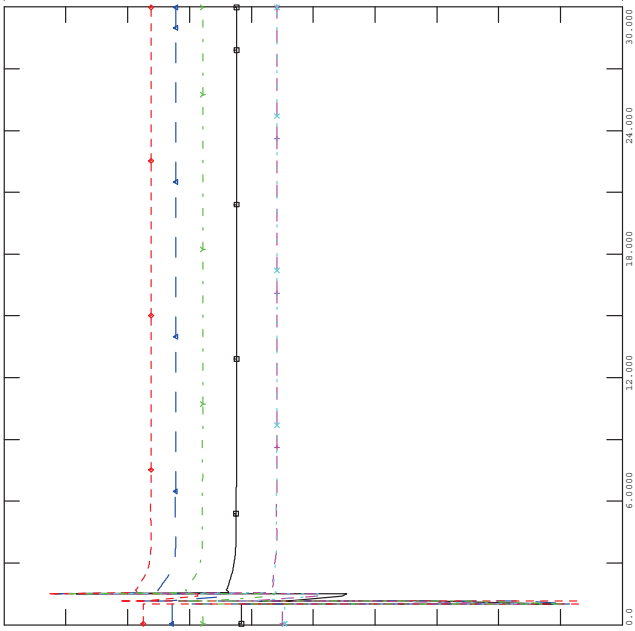
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.3468 -0.1000

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.3559 0.11090

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.3749 0.47790

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_06_398L_HAYTER

FILE: Scn5_2028SL_06_398L_Hayter.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [88SL P]
654.60 -549.3

CHNL# 553: [9L27 P]
377.12 -750.0

CHNL# 551: [9L966 P]
129.01 -15.60

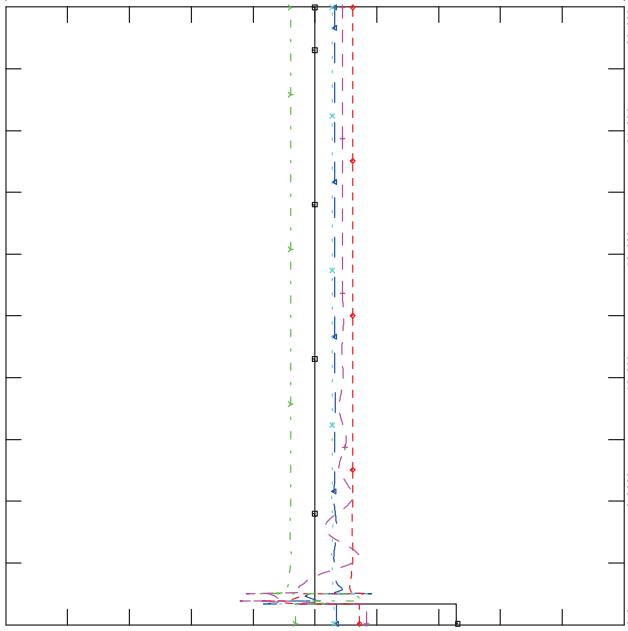
CHNL# 549: [954L P]
328.97 -257.9

CHNL# 547: [9L20 P]
142.63 -723.5

CHNL# 545: [398L P]
5000.0 -5000.

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_06_398L_HAYTER

FILE: Scn5_2028SL_06_398L_Hayter.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

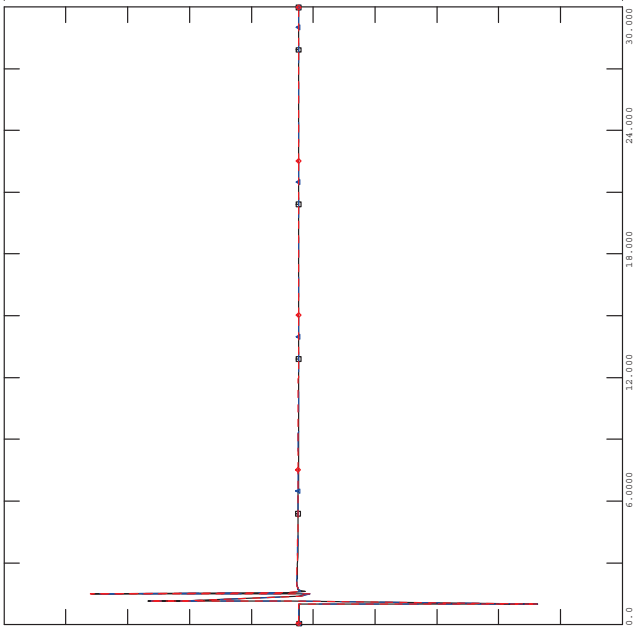
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.3247 0.57910

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3226 0.57790

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3203 0.58280

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_06_398L_HAYTER

FILE: Scn5_2028SL_06_398L_Hayter.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.3864 0.65850

CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2560 0.83610

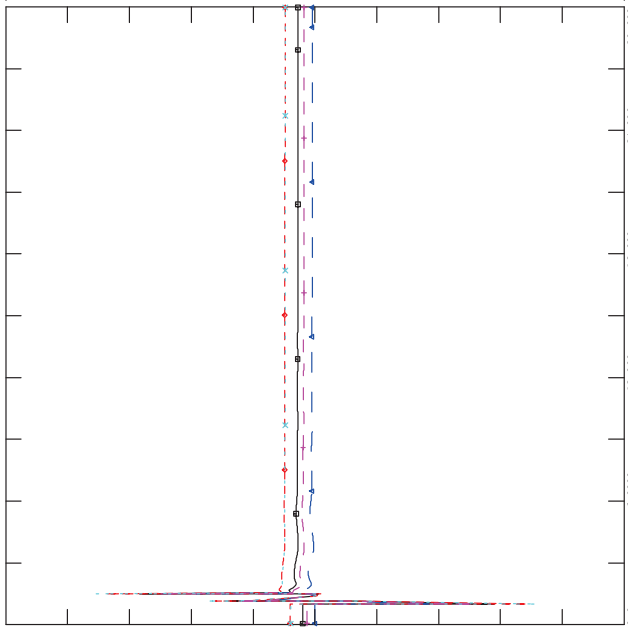
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3572 0.70880

CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2134 0.87390

CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2856 0.80420

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TIME (SECONDS)

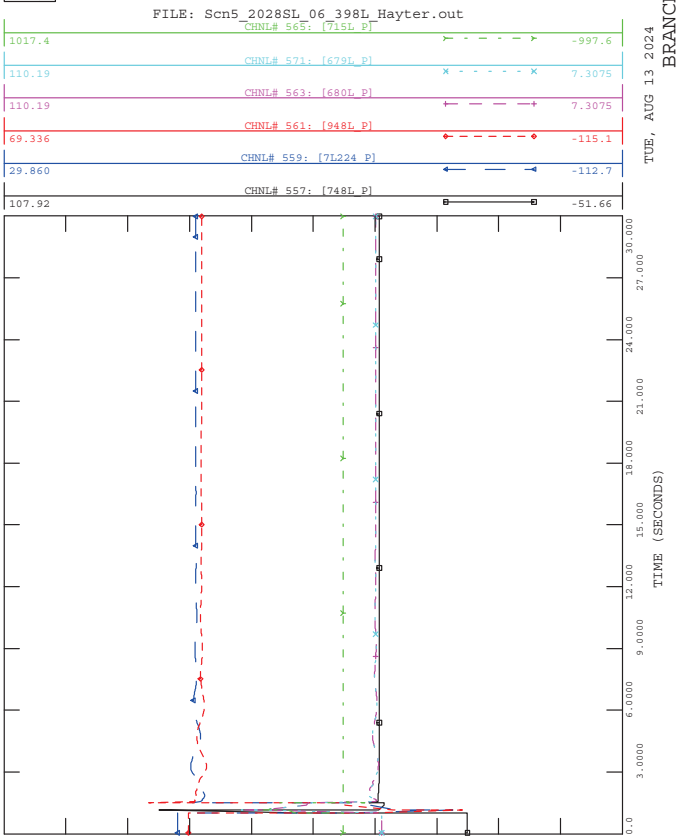


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_06_398L_HAYTER

FILE: Scn5_2028SL_06_398L_Hayter.out

TUE, AUG 13 2024 7:57

BRANCH P

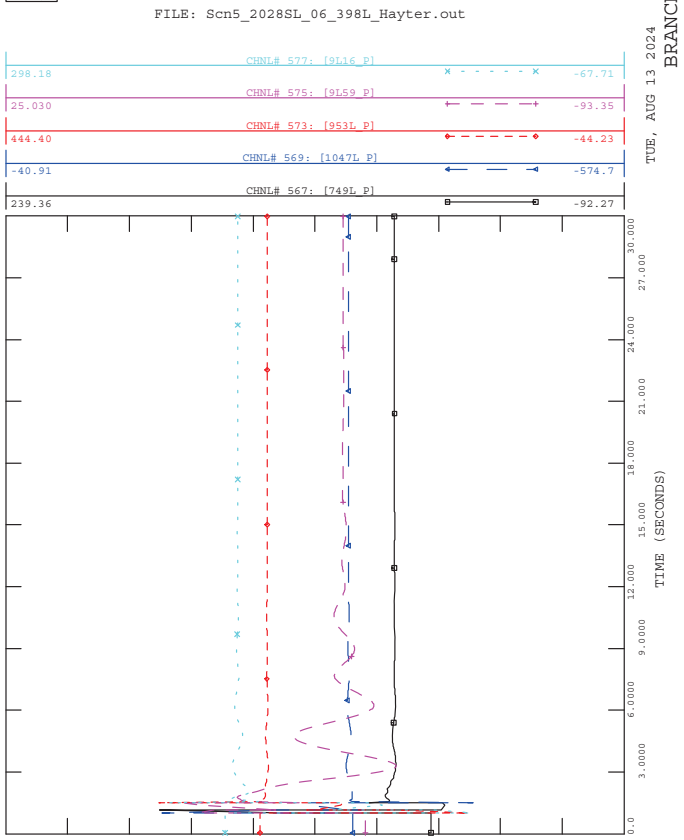


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_06_398L_HAYTER

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TUE, AUG 13 2024 7:57

BRANCH P

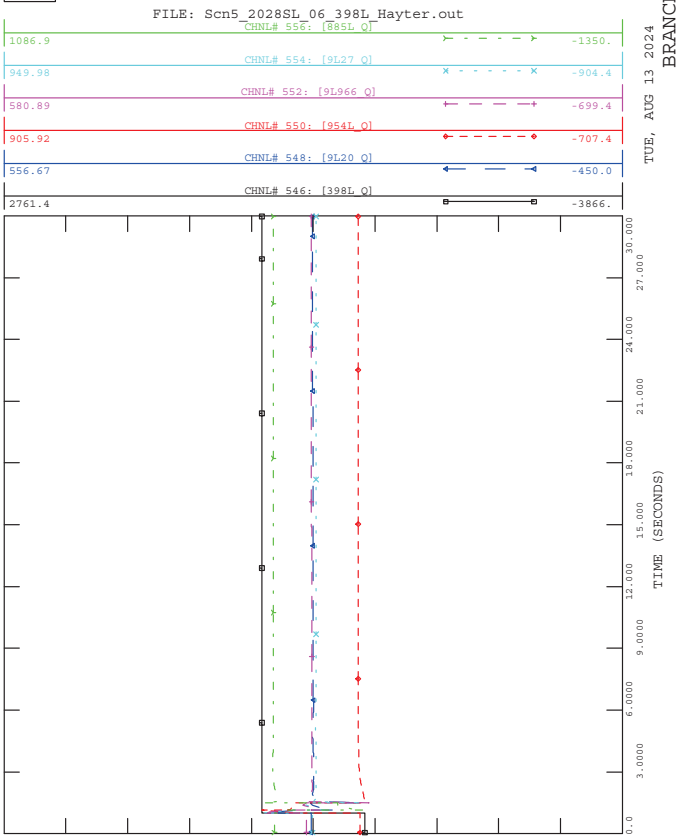


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_06_398L_HAYTER

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TUE, AUG 13 2024 7:57

BRANCH Q

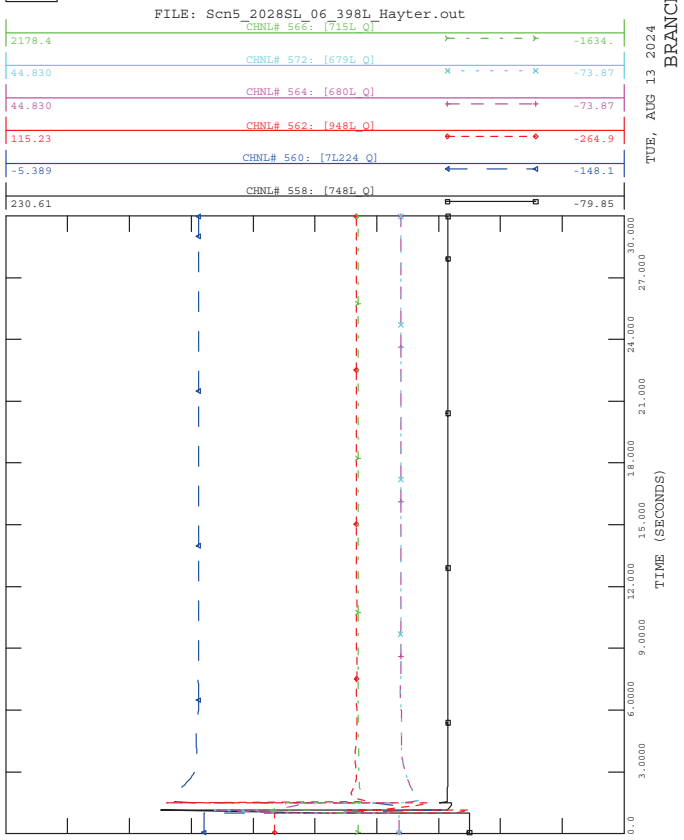


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_06_398L_HAYTER

FILE: Scn5_2028SL_06_398L_Hayter.out

TUE, AUG 13 2024 7:57

BRANCH Q



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_07_398L_PROVOST

FILE: Scn5_2028SL_07_398L_Provost.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
40.822 -67.24
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
34.254 -74.81
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
49.334 -57.66
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
44.741 -61.95

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_07_398L_PROVOST

FILE: Scn5_2028SL_07_398L_Provost.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.6925 0.30440
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.6921 0.30240
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.6872 0.31260

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_06_398L_HAYTER

FILE: Scn5_2028SL_06_398L_Hayter.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16 Q]
289.26 -354.9
CHNL# 576: [9L59 Q]
97.310 -30.03
CHNL# 574: [953L Q]
323.82 -383.7
CHNL# 570: [1047L Q]
371.98 -242.9
CHNL# 568: [749L Q]
425.89 -324.3

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_07_398L_PROVOST

FILE: Scn5_2028SL_07_398L_Provost.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.6921 0.30240
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.6872 0.31260
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.7206 0.42860
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.92260 -0.1438
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
1.9141 1.0317
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
1.9416 1.0384

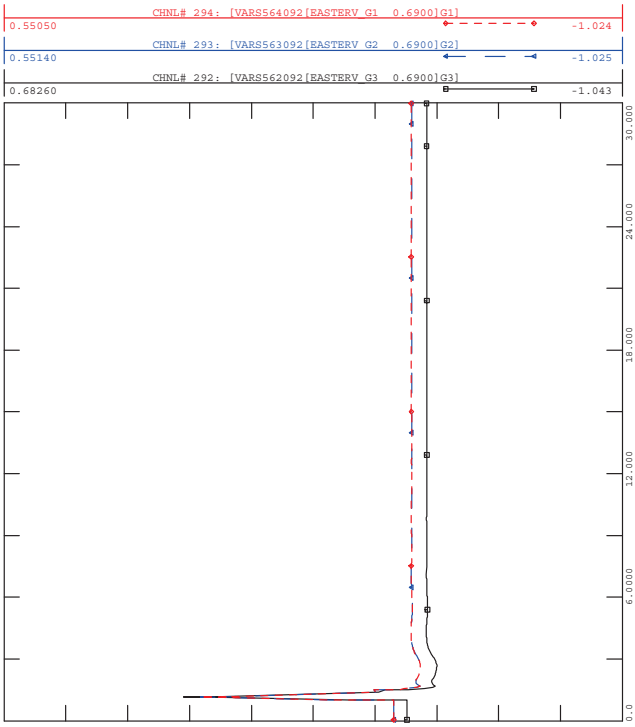
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TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_07_398L_PROVOST

FILE: Scn5_2028SL_07_398L_Provost.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

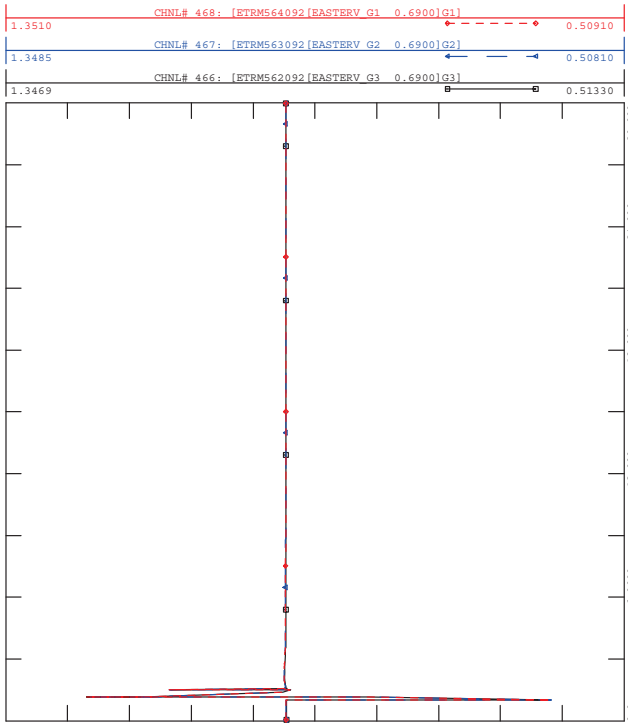


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_07_398L_PROVOST

FILE: Scn5_2028SL_07_398L_Provost.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

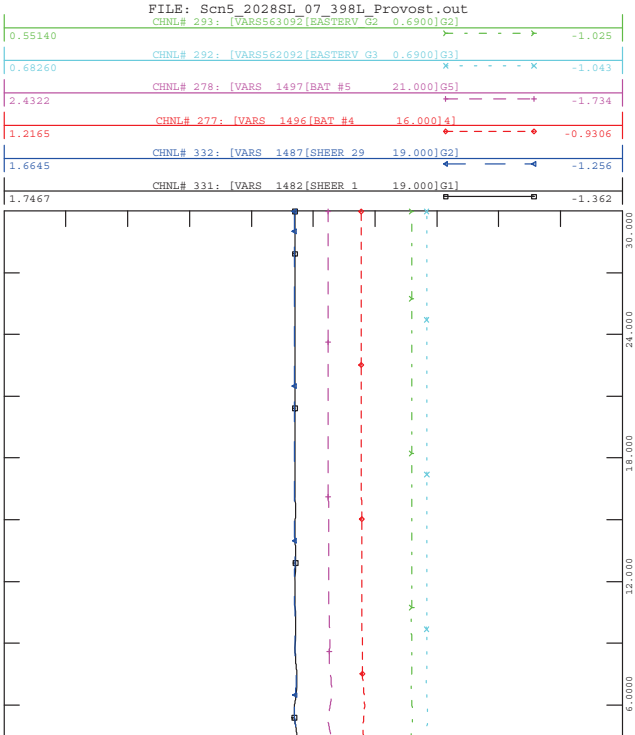


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_07_398L_PROVOST

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TUE, AUG 13 2024 7:57

REACTIVE POWER

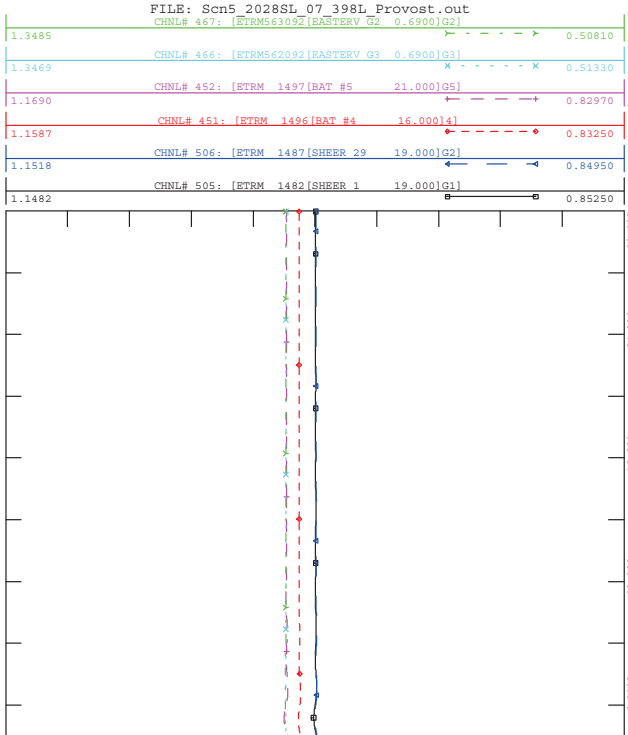


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_07_398L_PROVOST

FILE: Scn5_2028SL_07_398L_Provost.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_07_398L_PROVOST

FILE: Scn5_2028SL_07_398L_Provost.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.3663 0.58660
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2511 0.80850
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3368 0.64770
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2139 0.85730
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2751 0.76760

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_07_398L_PROVOST

FILE: Scn5_2028SL_07_398L_Provost.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L Q]
1608.1 -1517.
CHNL# 554: [9L27 Q]
1000.2 -894.3
CHNL# 552: [9L966 Q]
593.15 -654.7
CHNL# 550: [954L Q]
980.97 -767.3
CHNL# 548: [9L20 Q]
598.05 -465.1
CHNL# 546: [398L Q]
808.34 -596.3

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_07_398L_PROVOST

FILE: Scn5_2028SL_07_398L_Provost.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.3120 0.28350
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.3855 0.55820
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.2934 0.61830
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.3163 0.07470
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.3196 0.18150
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.2995 0.36310

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_07_398L_PROVOST

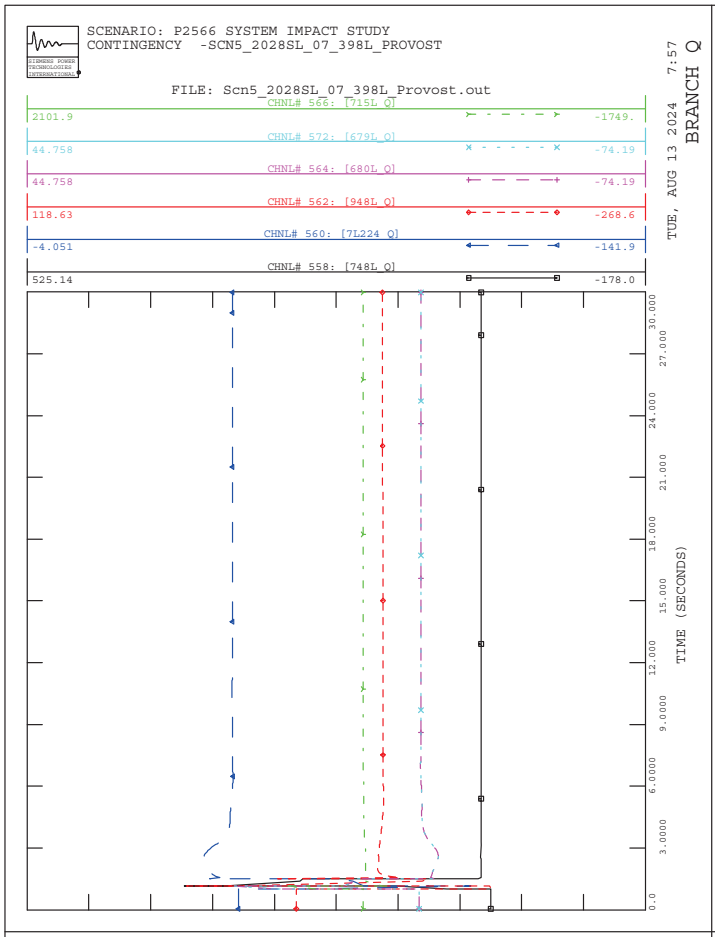
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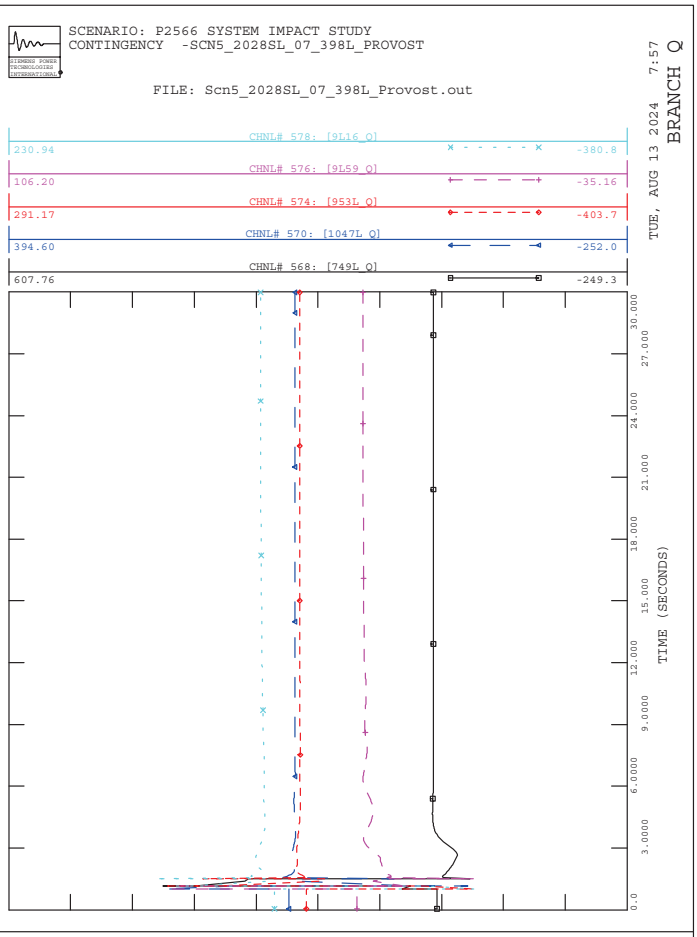
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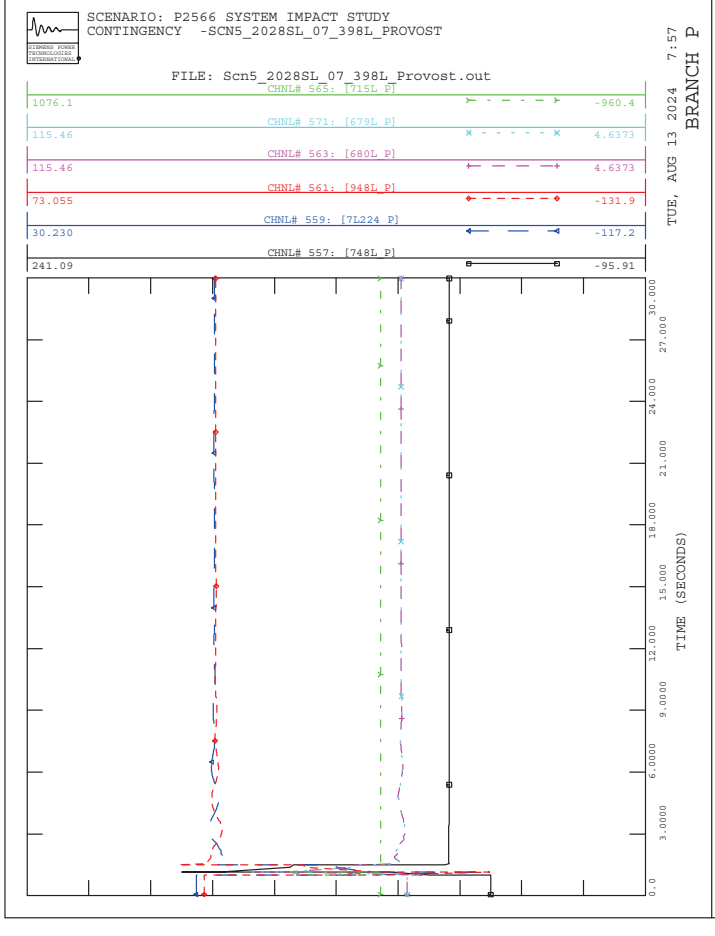
BRANCH P

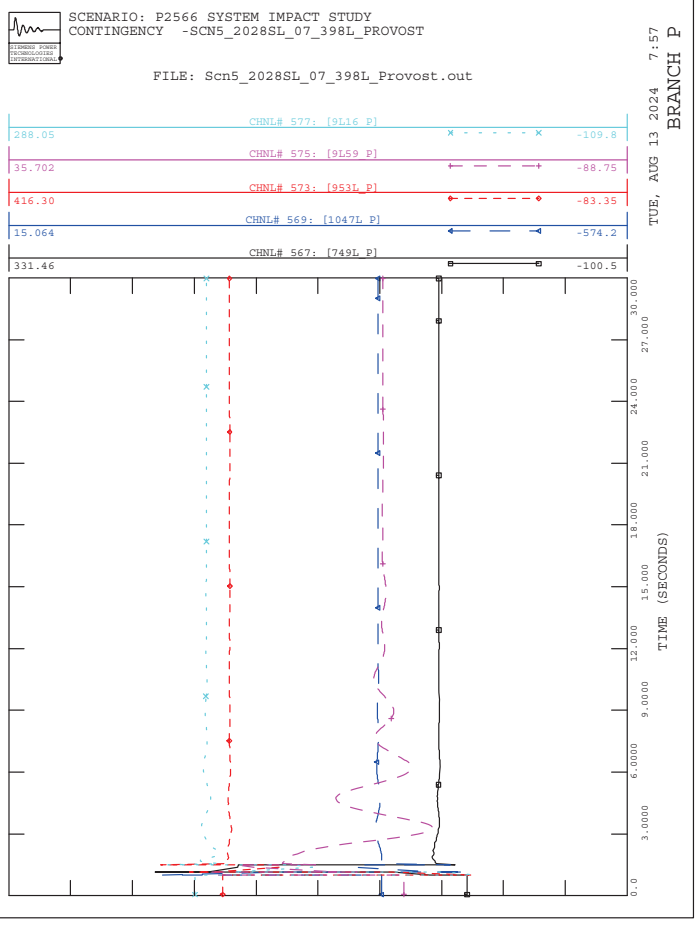
CHNL# 555: [885L P]
906.42 -748.9
CHNL# 553: [9L27 P]
422.55 -744.9
CHNL# 551: [9L966 P]
137.69 -21.80
CHNL# 549: [954L P]
359.39 -273.6
CHNL# 547: [9L20 P]
176.97 -716.2
CHNL# 545: [398L P]
399.84 -324.8

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_07_398L_PROVOST
FILE: Scn5_2028SL_07_398L_Provost.out
CHNL# 566: [715L Q]
2101.9
-1749.
CHNL# 572: [679L Q]
44.758
-74.19
CHNL# 564: [680L Q]
44.758
-74.19
CHNL# 562: [948L Q]
118.63
-268.6
CHNL# 560: [7L224 Q]
-4.051
-141.9
CHNL# 558: [748L Q]
525.14
-178.0
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
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3.0000
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18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_07_398L_PROVOST
FILE: Scn5_2028SL_07_398L_Provost.out
CHNL# 578: [9L16 Q]
230.94
-380.8
CHNL# 576: [9L59 Q]
106.20
-35.16
CHNL# 574: [953L Q]
291.17
-403.7
CHNL# 570: [1047L Q]
394.60
-252.0
CHNL# 568: [749L Q]
607.76
-249.3
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
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27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_07_398L_PROVOST
FILE: Scn5_2028SL_07_398L_Provost.out
CHNL# 565: [715L P]
1076.1
-960.4
CHNL# 571: [679L P]
115.46
4.6373
CHNL# 563: [680L P]
115.46
4.6373
CHNL# 561: [948L P]
73.055
-131.9
CHNL# 559: [7L224 P]
30.230
-117.2
CHNL# 557: [748L P]
241.09
-95.91
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_07_398L_PROVOST
FILE: Scn5_2028SL_07_398L_Provost.out
CHNL# 577: [9L16 P]
288.05
-109.8
CHNL# 575: [9L59 P]
35.702
-88.75
CHNL# 573: [953L P]
416.30
-83.35
CHNL# 569: [1047L P]
15.064
-574.2
CHNL# 567: [749L P]
331.46
-100.5
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_08_954L_METISKOW

FILE: Scn5_2028SL_08_954L_Metiskow.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2128 -0.2000

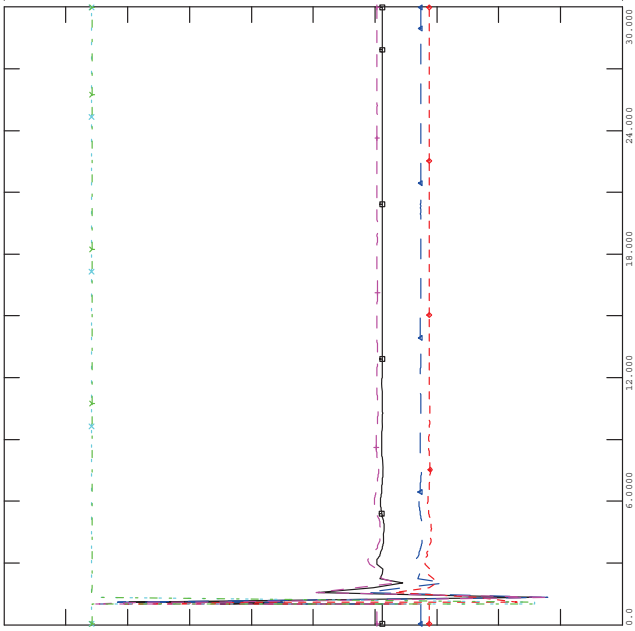
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2122 -0.2000

CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.7898 0.39460

CHNL# 190: [POWR 1496[BAT #4 16.000]4]
1.0427 -0.0227

CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
2.3870 0.92150

CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
2.2393 0.86660



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_08_954L_METISKOW

FILE: Scn5_2028SL_08_954L_Metiskow.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.93650 -1.263

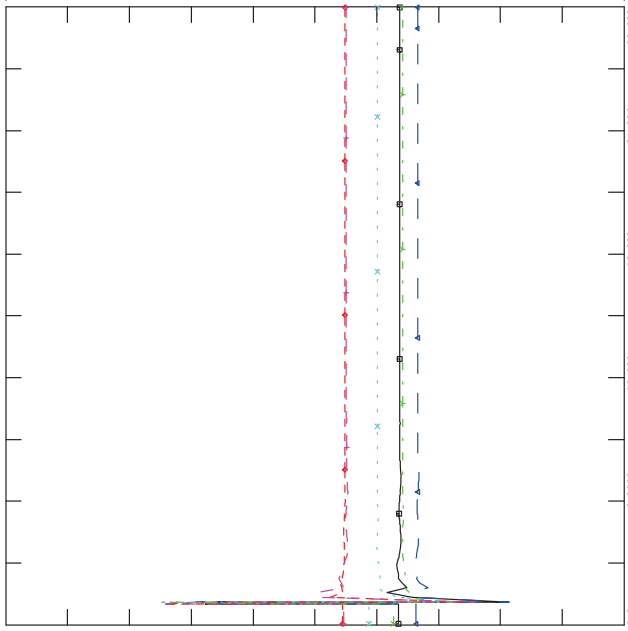
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.3352 -1.689

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
4.8518 -3.481

CHNL# 277: [VARS 1496[BAT #4 16.000]4]
2.7966 -2.324

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
3.1816 -1.146

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
3.4835 -1.529



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_08_954L_METISKOW

FILE: Scn5_2028SL_08_954L_Metiskow.out

TUE, AUG 13 2024 7:57

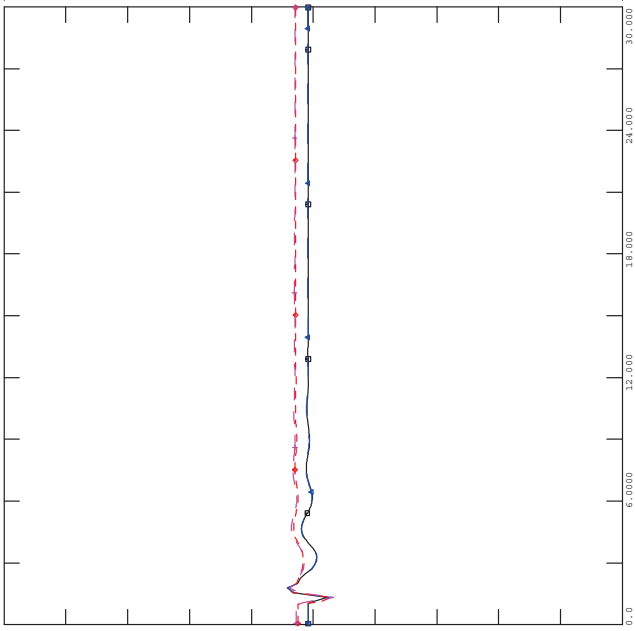
ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
40.087 -67.31

CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
33.773 -72.96

CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
49.700 -58.10

CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
45.010 -62.14



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_08_954L_METISKOW

FILE: Scn5_2028SL_08_954L_Metiskow.out

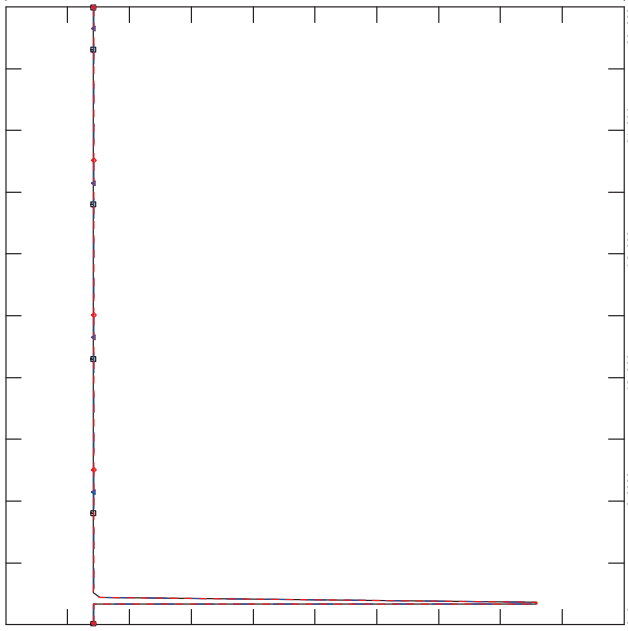
TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2128 -0.2000

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2128 -0.2000

CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2122 -0.2000

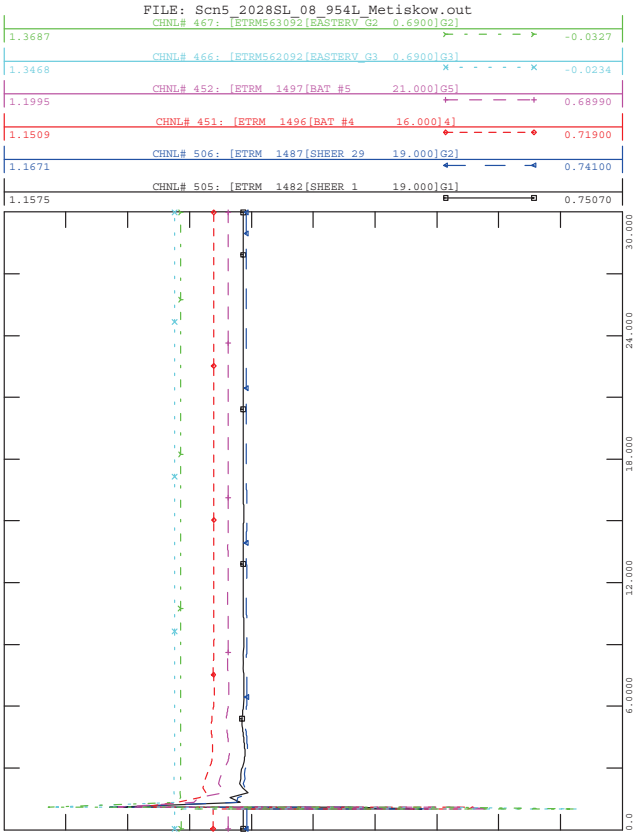


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_08_954L_METISKOW

FILE: Scn5_2028SL_08_954L_Metiskow.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

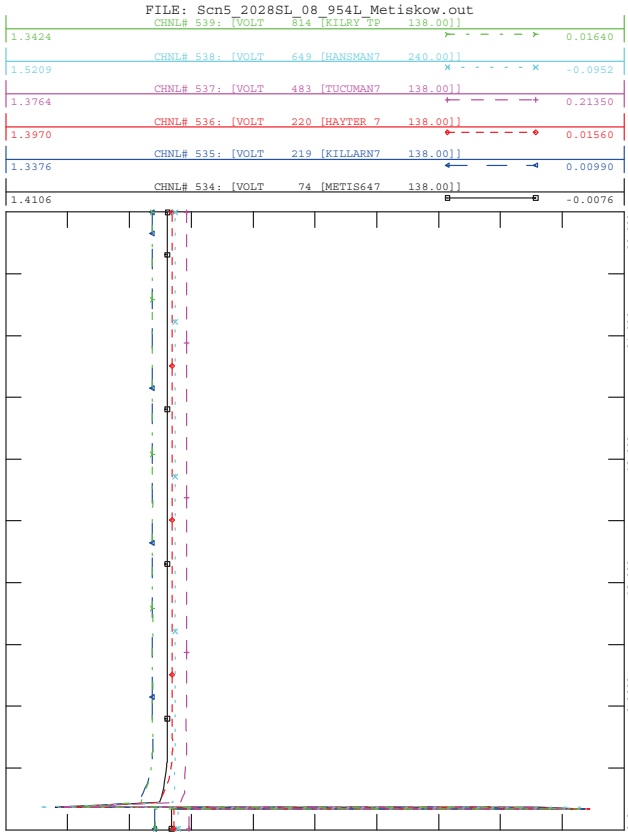


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_08_954L_METISKOW

FILE: Scn5_2028SL_08_954L_Metiskow.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

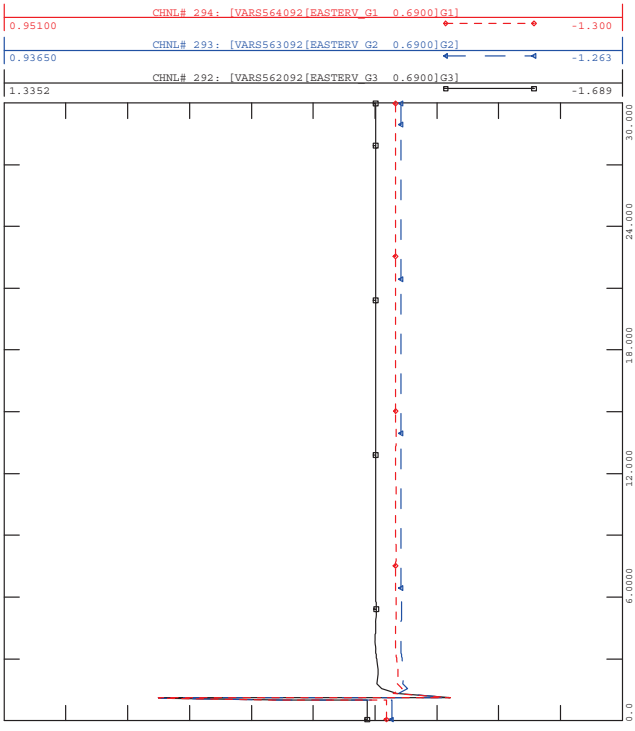


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_08_954L_METISKOW

FILE: Scn5_2028SL_08_954L_Metiskow.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

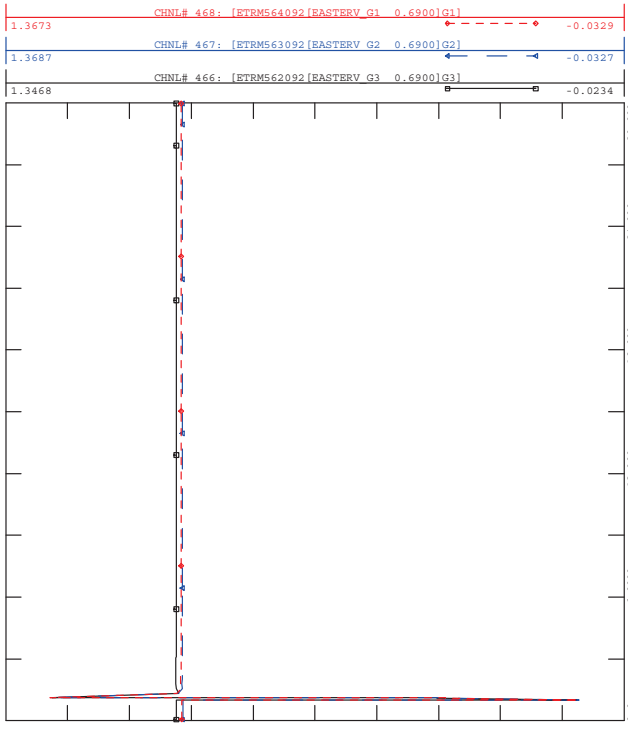


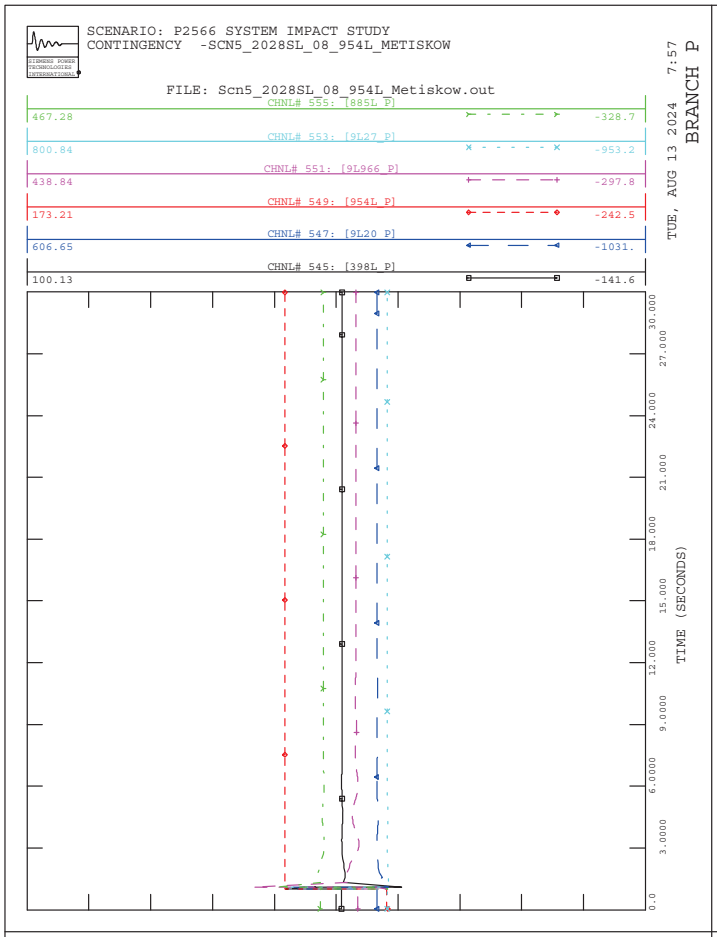
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_08_954L_METISKOW

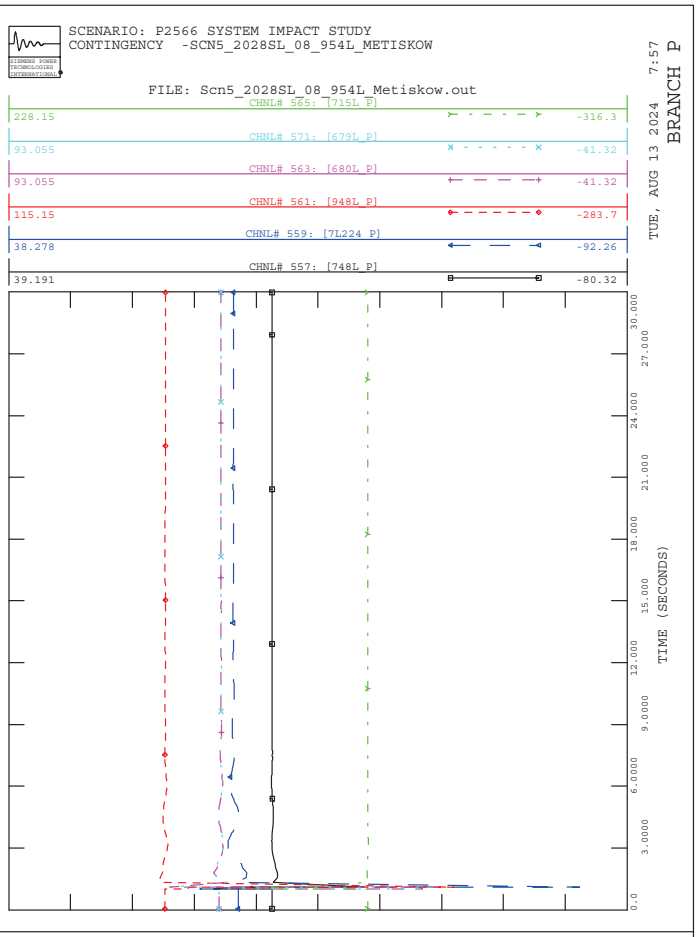
FILE: Scn5_2028SL_08_954L_Metiskow.out

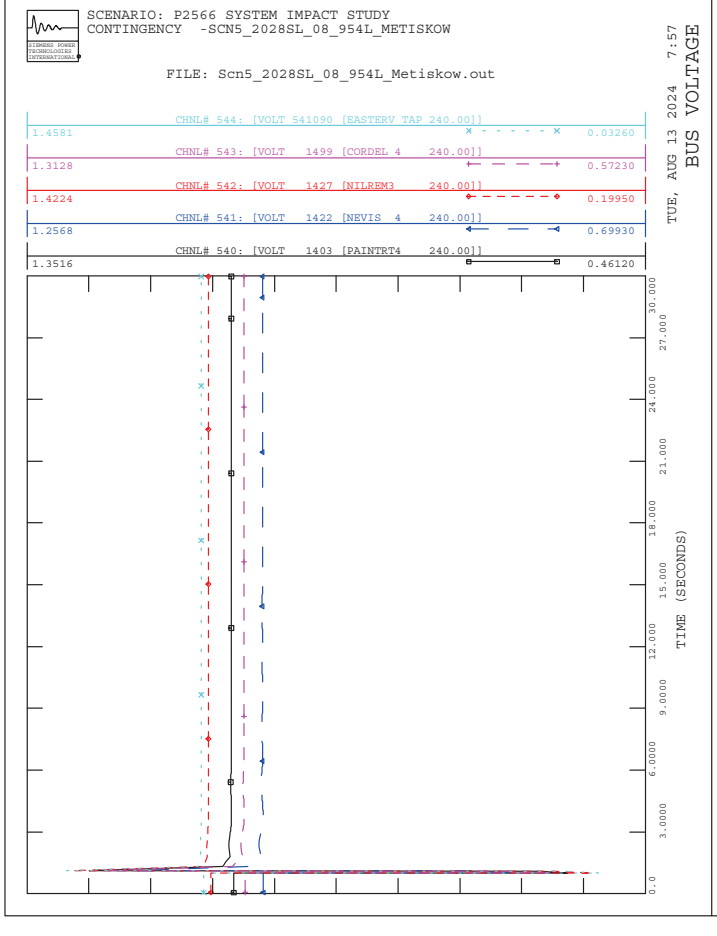
TUE, AUG 13 2024 7:57

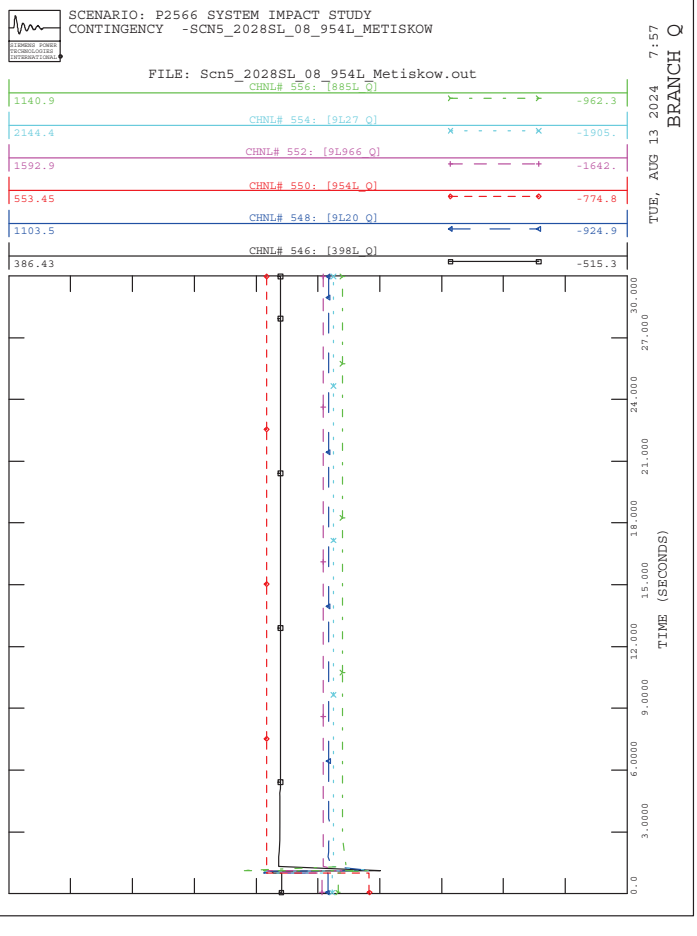
TERMINAL VOLTAGE




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_08_954L_METISKOW
FILE: Scn5_2028SL_08_954L_Metiskow.out
CHNL# 555: [885L P]
467.28
-328.7
CHNL# 553: [9L27 P]
800.84
-953.2
CHNL# 551: [9L966 P]
438.84
-297.8
CHNL# 549: [954L P]
173.21
-242.5
CHNL# 547: [9L20 P]
606.65
-1031.
CHNL# 545: [398L P]
100.13
-141.6
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_08_954L_METISKOW
FILE: Scn5_2028SL_08_954L_Metiskow.out
CHNL# 565: [715L P]
228.15
-316.3
CHNL# 571: [679L P]
93.055
-41.32
CHNL# 563: [680L P]
93.055
-41.32
CHNL# 561: [948L P]
115.15
-283.7
CHNL# 559: [7L224 P]
38.278
-92.26
CHNL# 557: [748L P]
39.191
-80.32
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_08_954L_METISKOW
FILE: Scn5_2028SL_08_954L_Metiskow.out
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.4581
0.03260
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3128
0.57230
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4224
0.19950
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2568
0.69930
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3516
0.46120
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

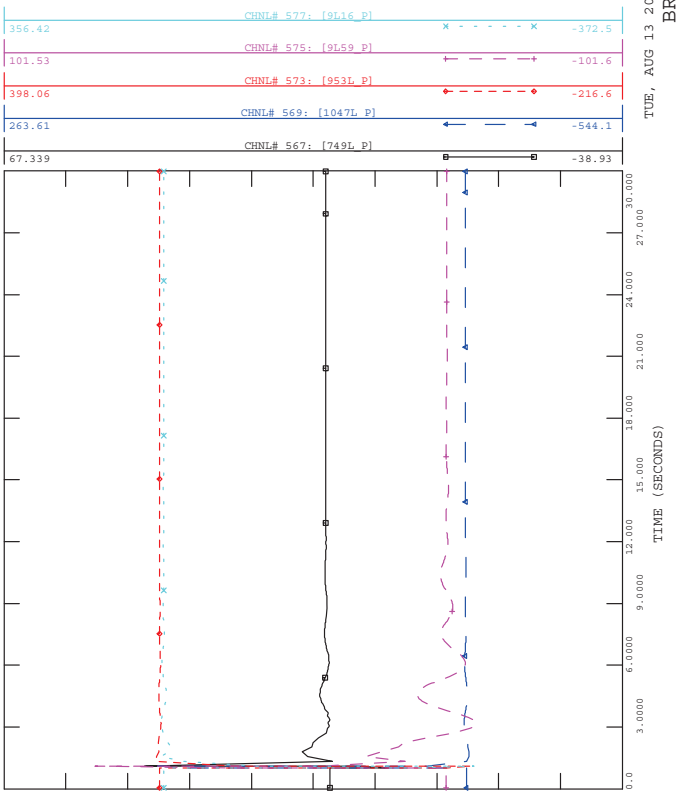

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_08_954L_METISKOW
FILE: Scn5_2028SL_08_954L_Metiskow.out
CHNL# 556: [885L Q]
1140.9
-962.3
CHNL# 554: [9L27 Q]
2144.4
-1905.
CHNL# 552: [9L966 Q]
1592.9
-1642.
CHNL# 550: [954L Q]
553.45
-774.8
CHNL# 548: [9L20 Q]
1103.5
-924.9
CHNL# 546: [398L Q]
386.43
-515.3
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_08_954L_METISKOW

FILE: Scn5_2028SL_08_954L_Metiskow.out

TUE, AUG 13 2024 7:57

BRANCH P

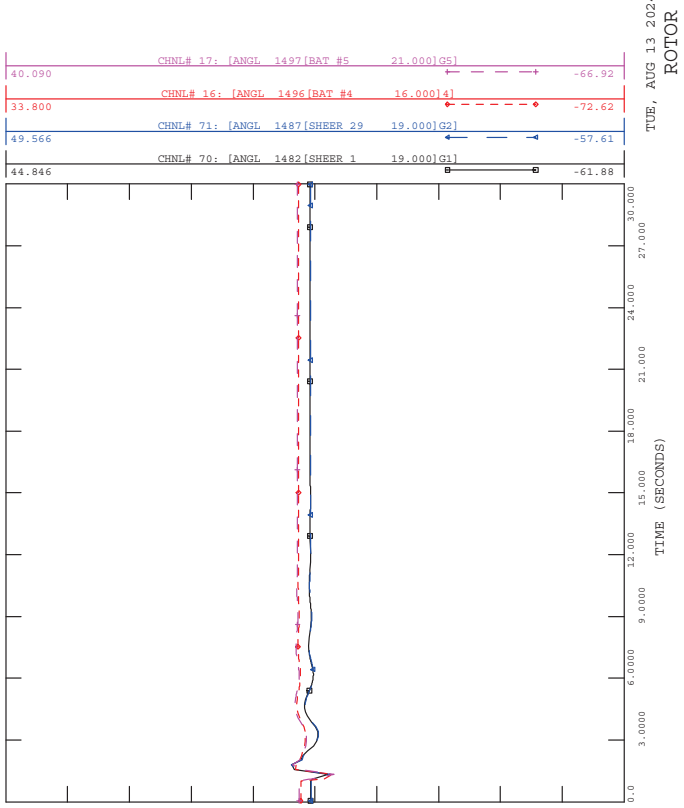


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_09_954L_HANSMANLAKE

FILE: Scn5_2028SL_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

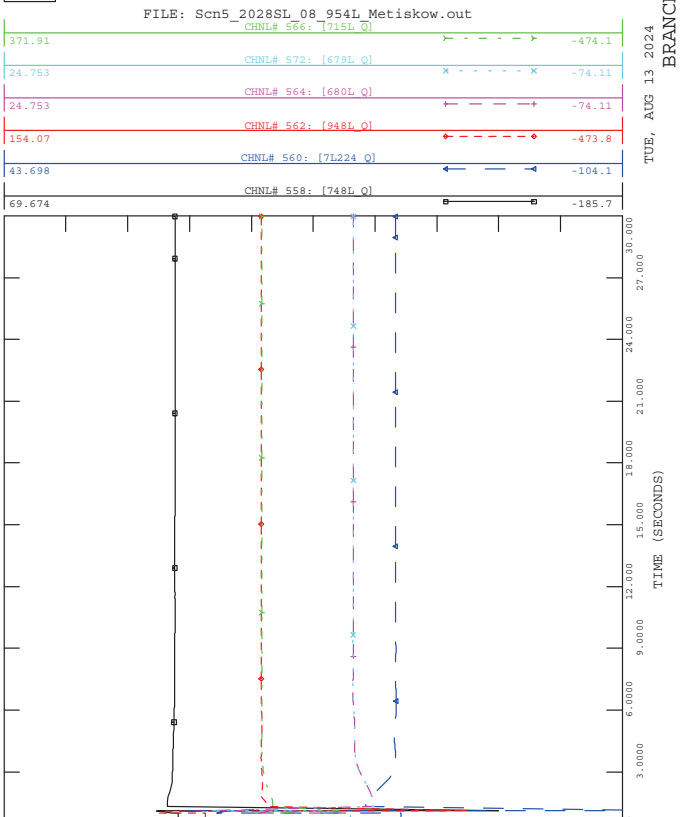


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_08_954L_METISKOW

FILE: Scn5_2028SL_08_954L_Metiskow.out

TUE, AUG 13 2024 7:57

BRANCH Q

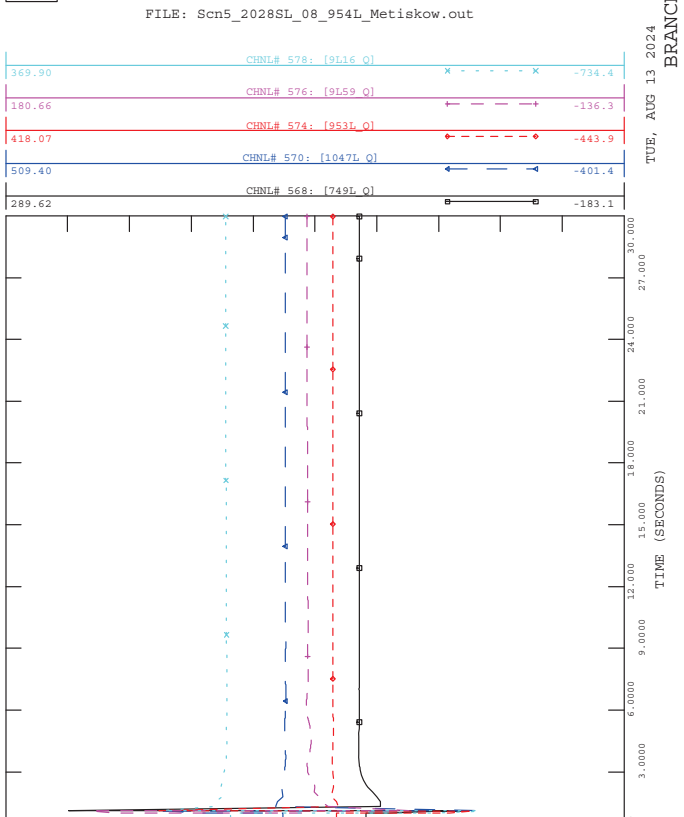


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_08_954L_METISKOW

FILE: Scn5_2028SL_08_954L_Metiskow.out

TUE, AUG 13 2024 7:57

BRANCH Q



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_09_954L_HANSMANLAKE

FILE: Scn5_2028SL_09_954L_HansmanLake.out

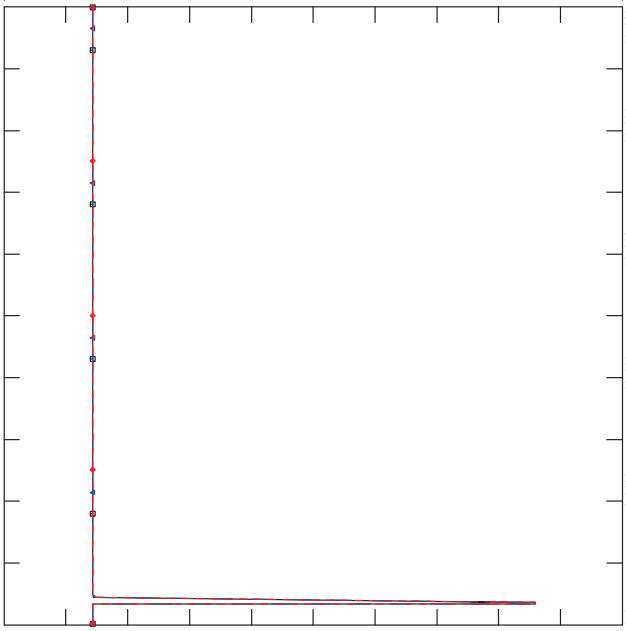
TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2155 -0.2000

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2155 -0.2000

CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2154 -0.2000



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_09_954L_HANSMANLAKE

FILE: Scn5_2028SL_09_954L_HansmanLake.out

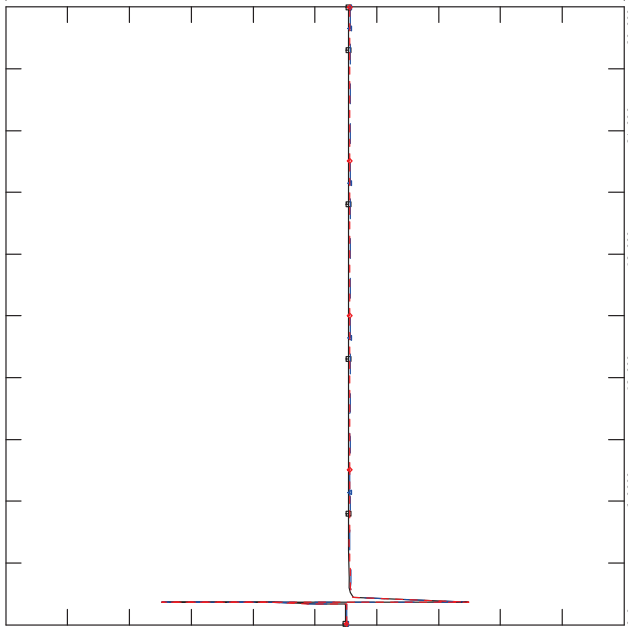
TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
3.1716 -3.389

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
3.1620 -3.371

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
4.3708 -4.386



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_09_954L_HANSMANLAKE

FILE: Scn5_2028SL_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2155 -0.2000

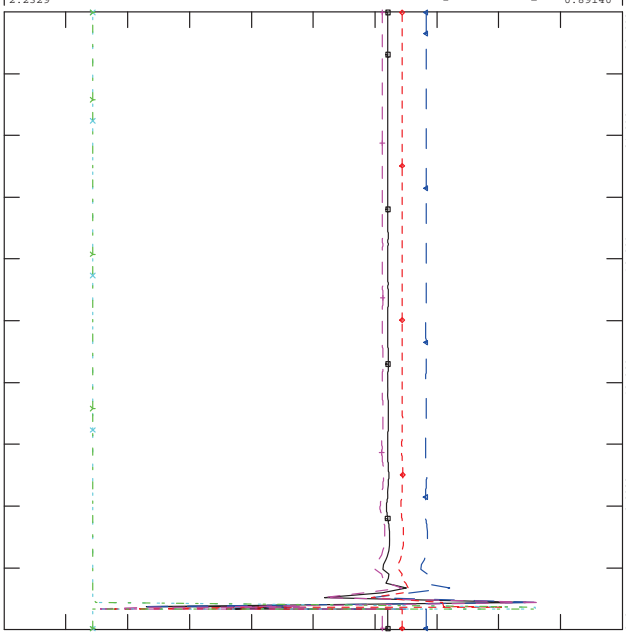
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2154 -0.2000

CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.7848 0.41770

CHNL# 190: [POWR 1496[BAT #4 16.000]4]
1.0399 -0.0938

CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
2.3443 0.96030

CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
2.2329 0.89140



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_09_954L_HANSMANLAKE

FILE: Scn5_2028SL_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
3.1620 -3.371

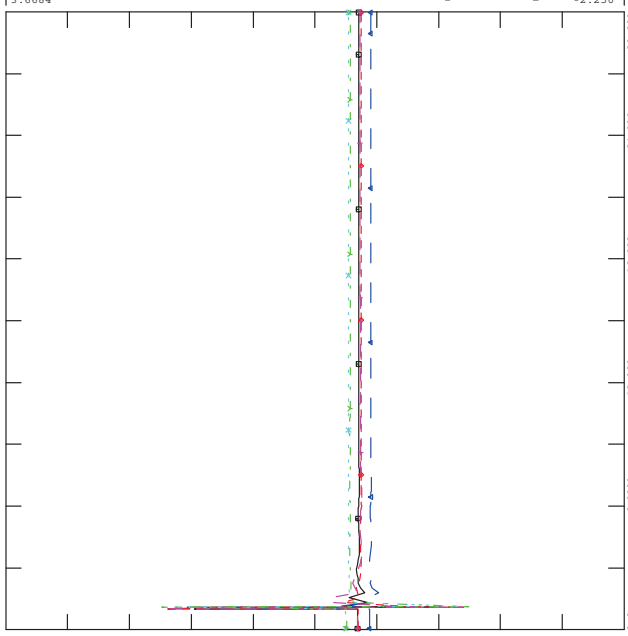
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
4.3708 -4.386

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
4.6534 -3.001

CHNL# 277: [VARS 1496[BAT #4 16.000]4]
2.6635 -1.989

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
3.3573 -1.825

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
3.6684 -2.250



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_09_954L_HANSMANLAKE

FILE: Scn5_2028SL_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.5592 -0.0329
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5564 -0.0326
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5646 -0.0233

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_09_954L_HANSMANLAKE

FILE: Scn5_2028SL_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.4366 0.03320
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2793 0.57860
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3701 0.20200
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2369 0.70420
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3069 0.46620

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_09_954L_HANSMANLAKE

FILE: Scn5_2028SL_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5564 -0.0326
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5646 -0.0233
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1800 0.69370
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
1.1295 0.71730
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1929 0.74520
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1823 0.75450

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_09_954L_HANSMANLAKE

FILE: Scn5_2028SL_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILEY TP 138.00]]
1.1588 0.02100
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4263 -0.0999
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.2811 0.21640
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.1816 0.02330
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.1557 0.01590
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.1800 -0.0042

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_09_954L_HANSMANLAKE

FILE: Scn5_2028SL_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L Q]
3348.6 -2402.
CHNL# 554: [9L27 Q]
1907.2 -1590.
CHNL# 552: [9L966 Q]
1069.2 -994.3
CHNL# 550: [954L Q]
56.077 -78.51
CHNL# 548: [9L20 Q]
998.28 -778.6
CHNL# 546: [398L Q]
281.18 -372.8

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_09_954L_HANSMANLAKE

FILE: Scn5_2028SL_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 566: [715L Q]
510.87 -666.6
CHNL# 572: [679L Q]
150.74 -107.0
CHNL# 564: [680L Q]
150.74 -107.0
CHNL# 562: [948L Q]
182.03 -546.4
CHNL# 560: [7L224 Q]
118.55 -381.8
CHNL# 558: [748L Q]
57.340 -146.1

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_09_954L_HANSMANLAKE

FILE: Scn5_2028SL_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
334.51 -233.0
CHNL# 553: [9L27 P]
836.70 -1004.
CHNL# 551: [9L966 P]
686.83 -475.3
CHNL# 549: [954L P]
40.000 -47.00
CHNL# 547: [9L20 P]
596.11 -1024.
CHNL# 545: [398L P]
83.821 -119.5

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_09_954L_HANSMANLAKE

FILE: Scn5_2028SL_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 565: [715L P]
231.99 -320.0
CHNL# 571: [679L P]
121.81 -37.80
CHNL# 563: [680L P]
121.81 -37.80
CHNL# 561: [948L P]
90.300 -209.2
CHNL# 559: [7L224 P]
41.269 -130.8
CHNL# 557: [748L P]
39.041 -75.33

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_09_954L_HANSMANLAKE

FILE: Scn5_2028SL_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16_Q] 258.89 -696.8
CHNL# 576: [9L59_Q] 140.90 -26.62
CHNL# 574: [953L_Q] 334.28 -407.0
CHNL# 570: [1047L_Q] 549.50 -622.4
CHNL# 568: [749L_Q] 245.44 -303.3

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_10_885L_METISKOW

FILE: Scn5_2028SL_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2] 1.2133 -0.1094
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3] 1.6384 -0.1033
CHNL# 191: [POWR 1497[BAT #5 21.000]G5] 1.7498 -0.0728
CHNL# 190: [POWR 1496[BAT #4 16.000]4] 1.0064 -0.3579
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2] 2.0345 0.74830
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1] 2.0250 0.72270

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_09_954L_HANSMANLAKE

FILE: Scn5_2028SL_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P] 356.00 -374.6
CHNL# 575: [9L59_P] 97.996 -97.90
CHNL# 573: [953L_P] 401.08 -218.6
CHNL# 569: [1047L_P] 260.37 -546.9
CHNL# 567: [749L_P] 55.300 -41.16

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_10_885L_METISKOW

FILE: Scn5_2028SL_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5] 41.028 -75.22
CHNL# 16: [ANGL 1496[BAT #4 16.000]4] 33.975 -81.89
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2] 52.635 -64.06
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1] 48.084 -67.27

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_10_885L_METISKOW

FILE: Scn5_2028SL_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.95310 -1.008

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.3268 -1.208

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
3.5779 -1.693

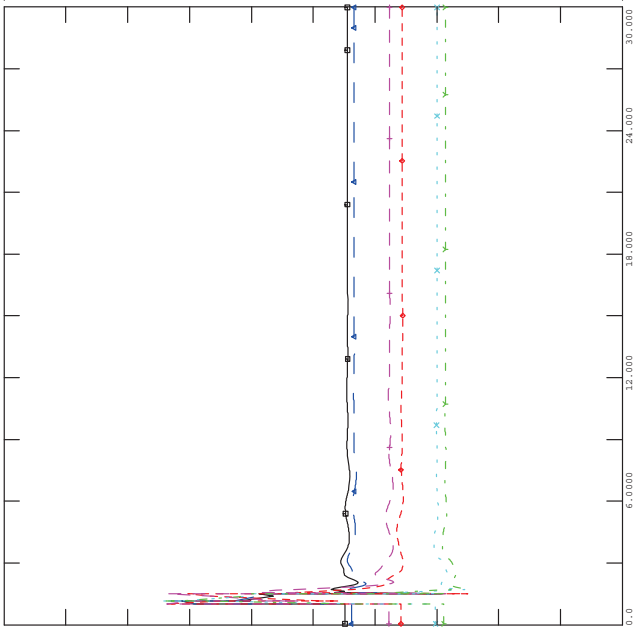
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
1.9934 -1.096

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
2.7461 -1.593

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
2.9560 -1.861

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_10_885L_METISKOW

FILE: Scn5_2028SL_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4345 0.21430

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4274 0.22110

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2664 0.74910

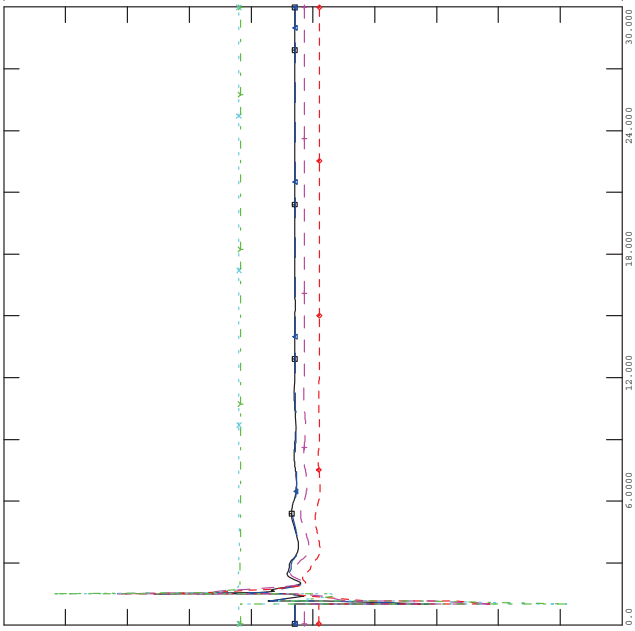
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
1.2549 0.76460

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1913 0.78580

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1843 0.79270

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_10_885L_METISKOW

FILE: Scn5_2028SL_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

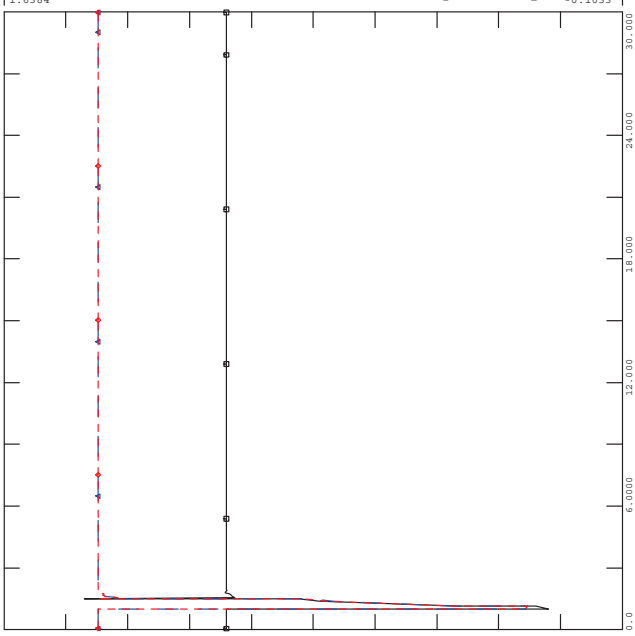
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2133 -0.1089

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2133 -0.1094

CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.6384 -0.1033

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_10_885L_METISKOW

FILE: Scn5_2028SL_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

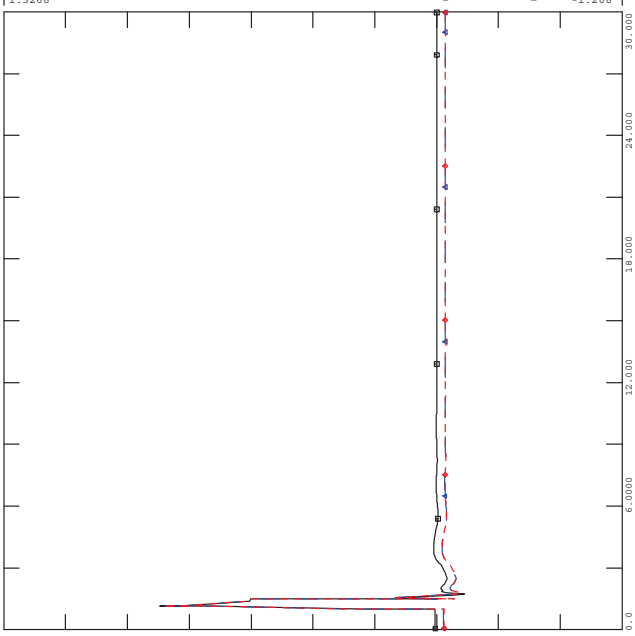
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
0.95400 -1.007

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.95310 -1.008

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.3268 -1.208

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_10_885L_METISKOW

FILE: Scn5_2028SL_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4855 -0.0497

CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5568 0.22070

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4221 0.35050

CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.5557 -0.0530

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.5145 -0.0539

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4722 -0.0999

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_10_885L_METISKOW

FILE: Scn5_2028SL_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
5000.0 -5000.

CHNL# 553: [9L27 P]
724.06 -1034.

CHNL# 551: [9L966 P]
394.11 -248.7

CHNL# 549: [954L P]
365.56 -272.8

CHNL# 547: [9L20 P]
473.70 -967.0

CHNL# 545: [398L P]
326.79 -327.3

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_10_885L_METISKOW

FILE: Scn5_2028SL_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.4347 0.21460

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4345 0.21430

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4274 0.22110

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_10_885L_METISKOW

FILE: Scn5_2028SL_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.5046 0.28410

CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3381 0.67160

CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4650 0.38320

CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2744 0.76500

CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3766 0.59600

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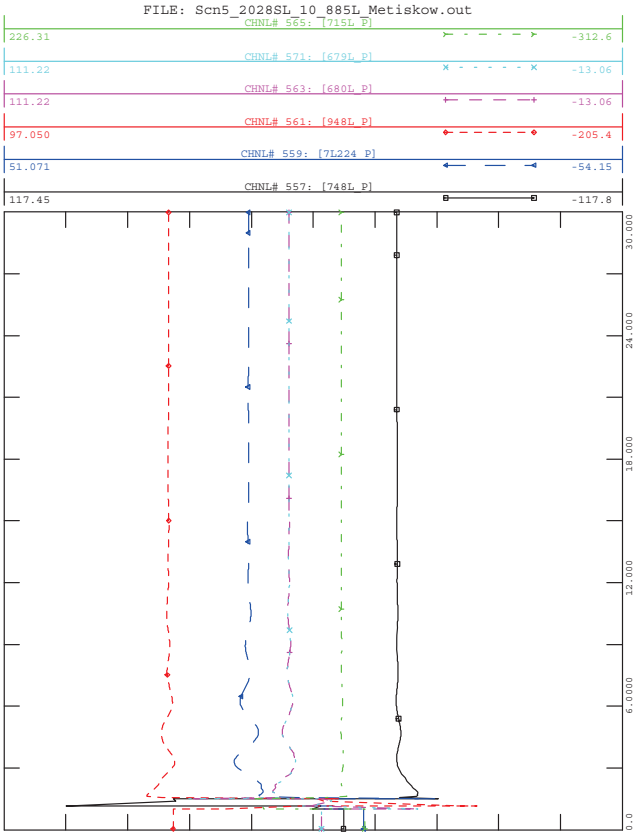
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_10_885L_METISKOW

FILE: Scn5_2028SL_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

BRANCH P

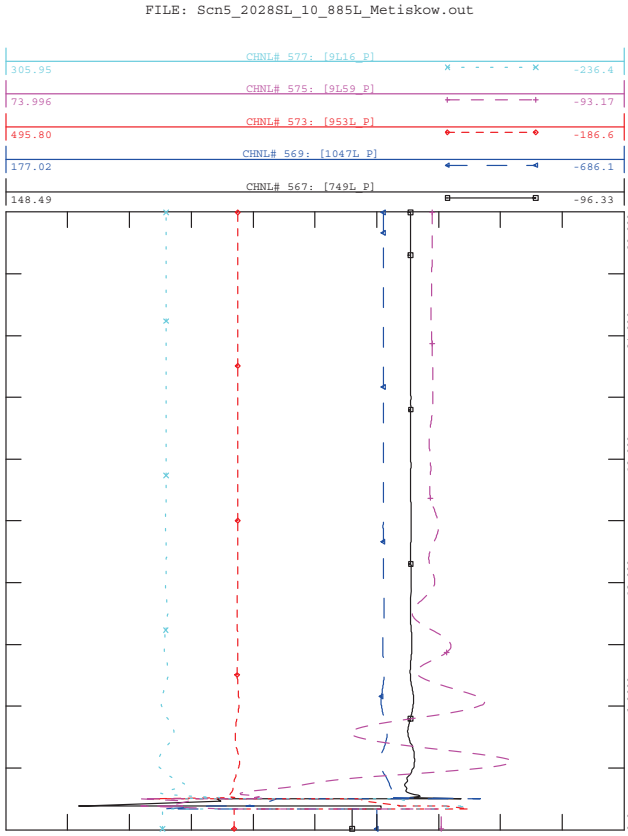


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_10_885L_METISKOW

FILE: Scn5_2028SL_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

BRANCH P

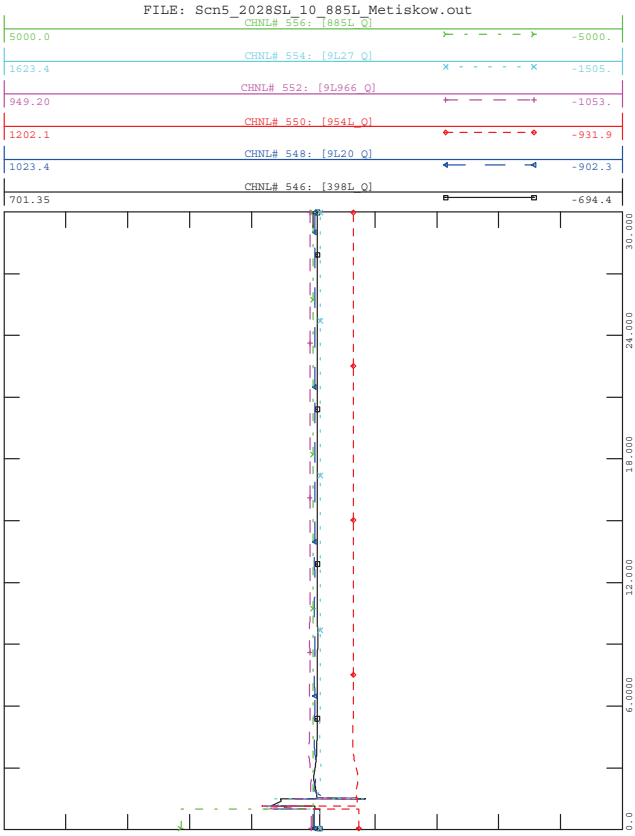


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_10_885L_METISKOW

FILE: Scn5_2028SL_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

BRANCH Q

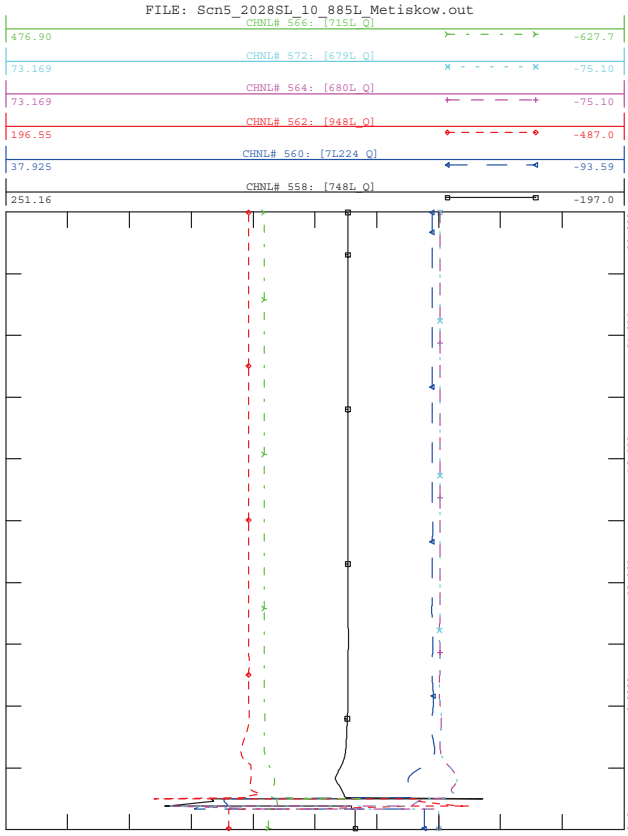


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_10_885L_METISKOW

FILE: Scn5_2028SL_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

BRANCH Q

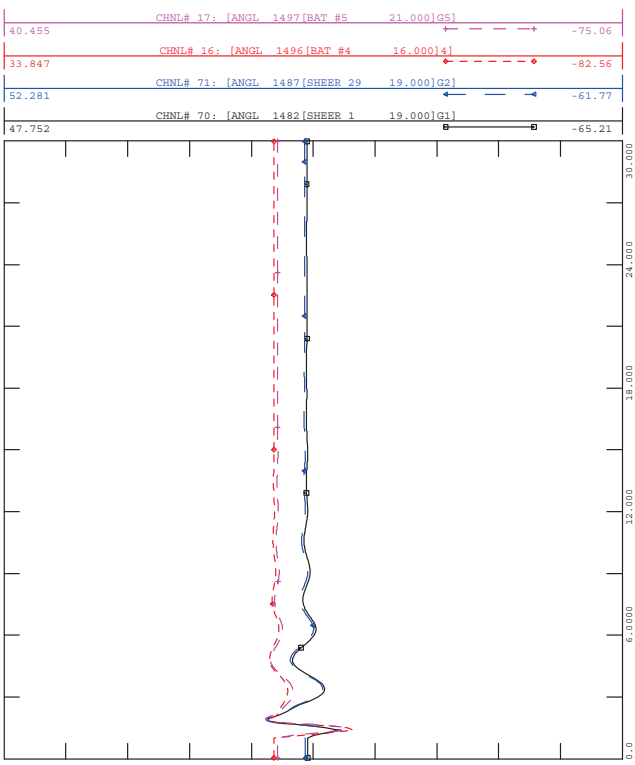


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_11_885L_HANSMANLAKE

FILE: Scn5_2028SL_11_885L_HansmanLake.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

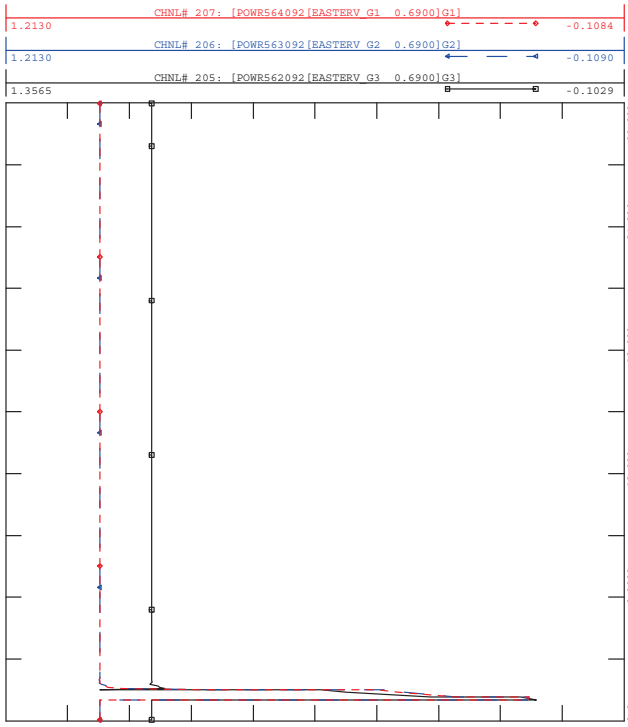


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_11_885L_HANSMANLAKE

FILE: Scn5_2028SL_11_885L_HansmanLake.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

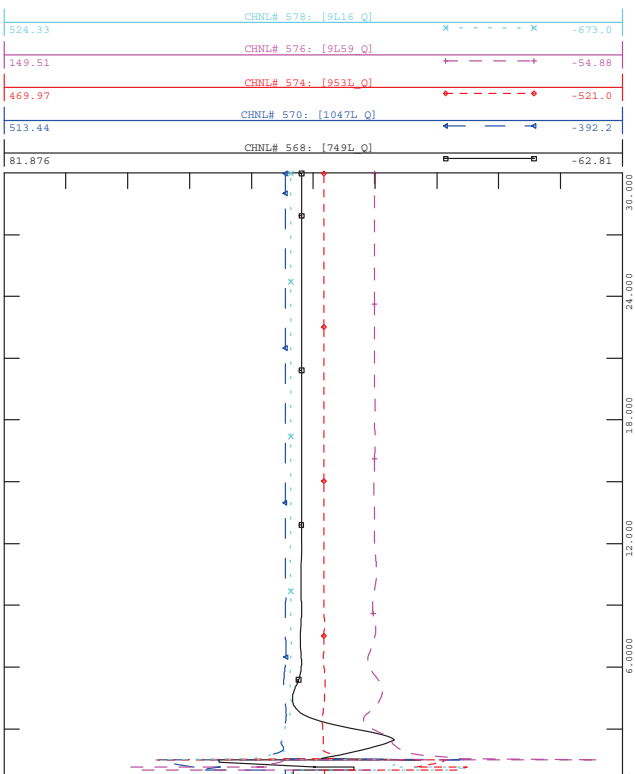


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_10_885L_METISKOW

FILE: Scn5_2028SL_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

BRANCH Q

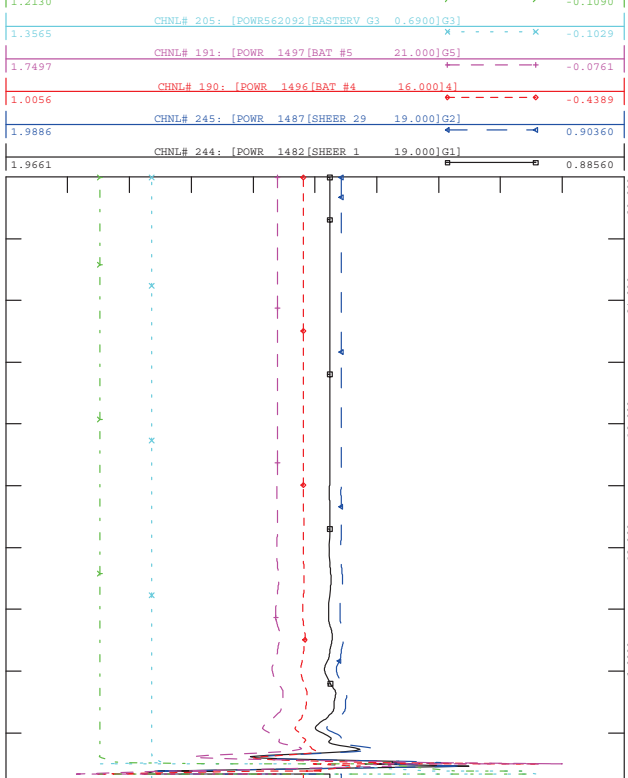


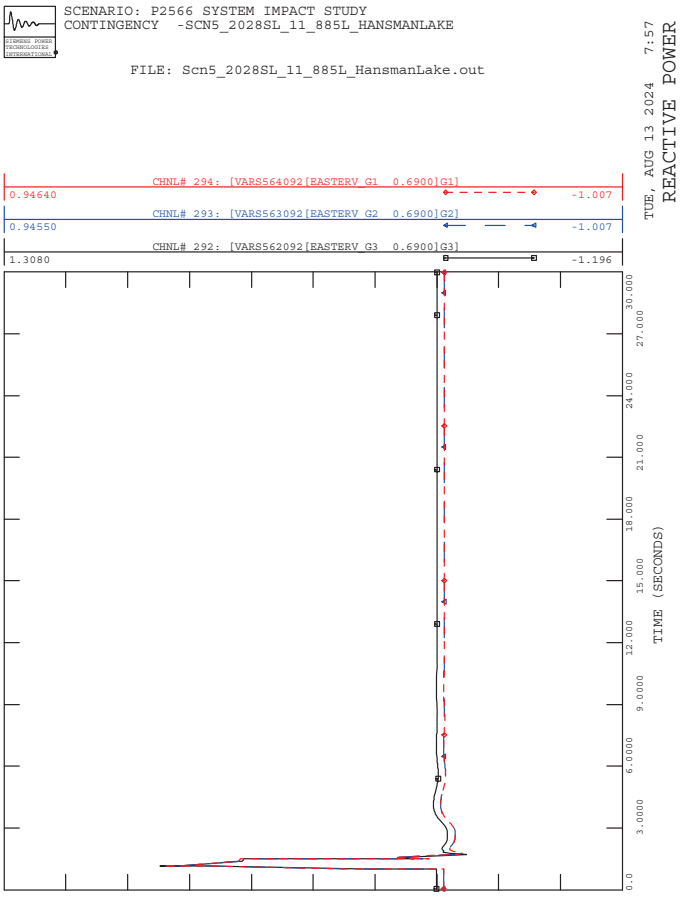
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_11_885L_HANSMANLAKE

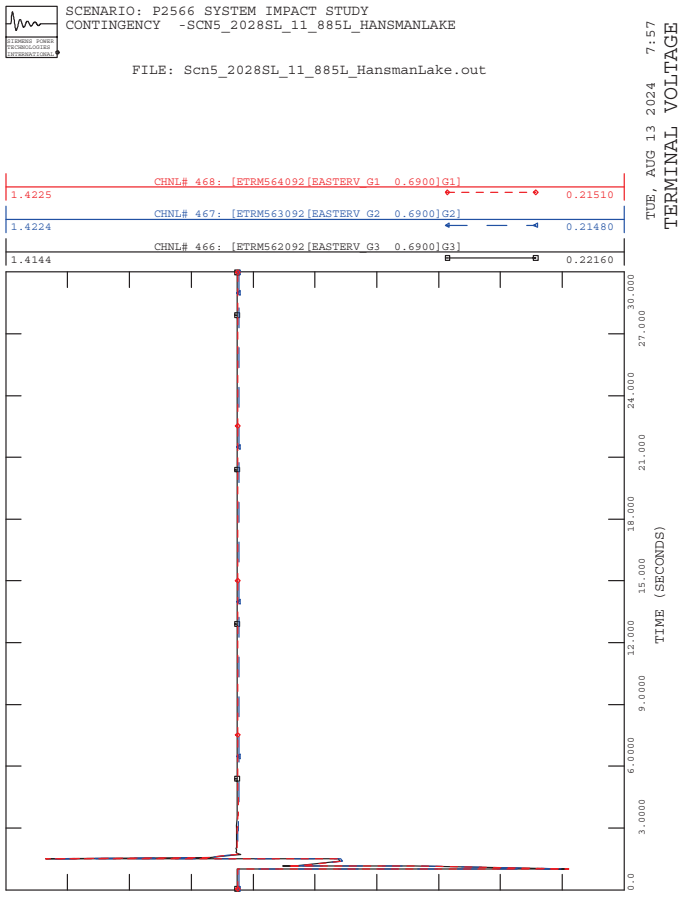
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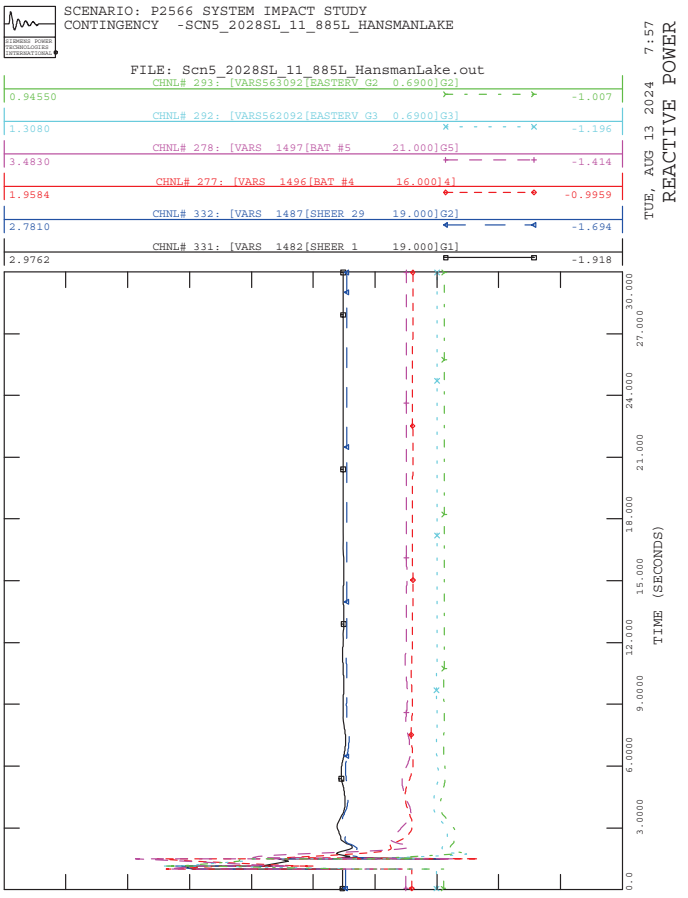
TUE, AUG 13 2024 7:57

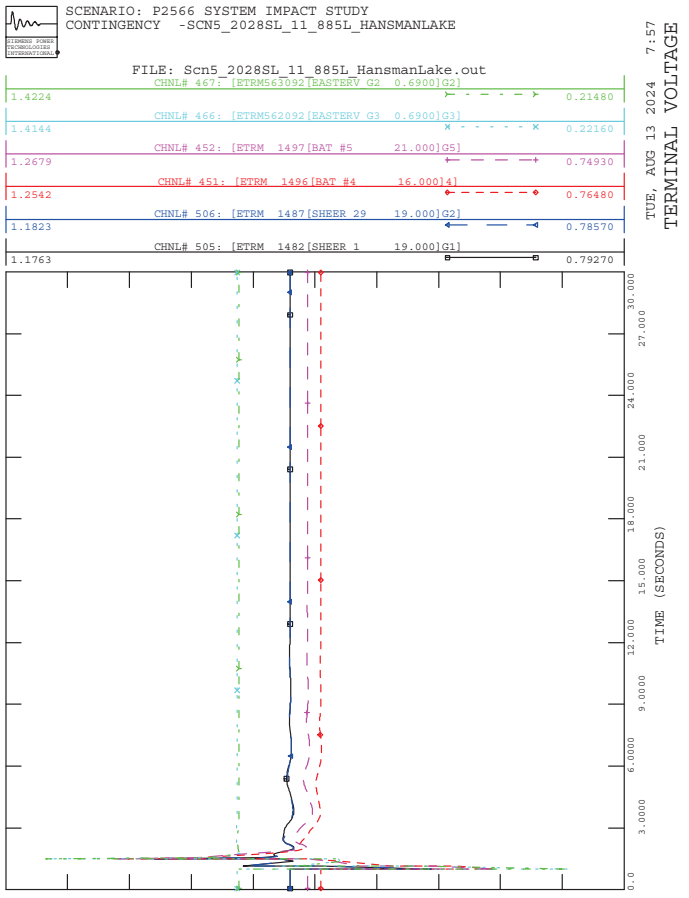
ACTIVE POWER

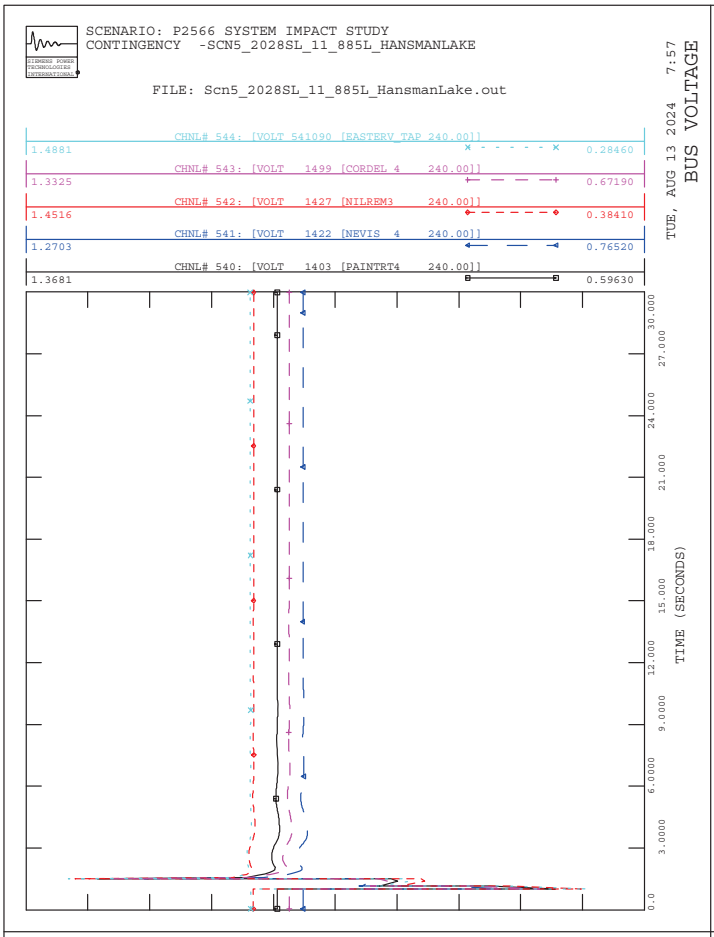


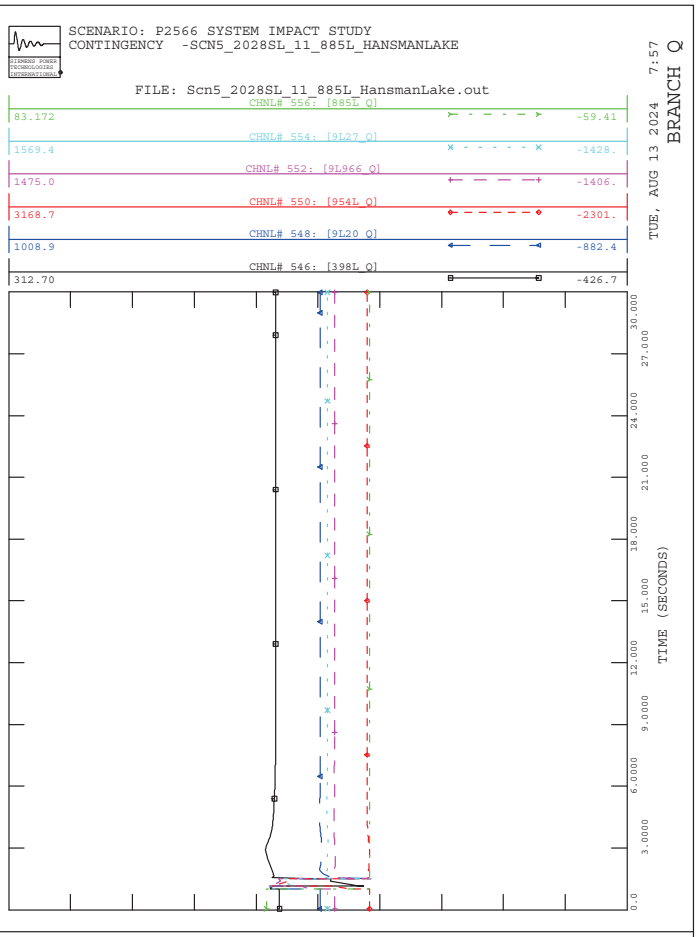

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_11_885L_HANSMANLAKE
FILE: Scn5_2028SL_11_885L_HansmanLake.out
TUE, AUG 13 2024 7:57
REACTIVE POWER
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
0.94640
-1.007
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.94550
-1.007
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.3080
-1.196
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

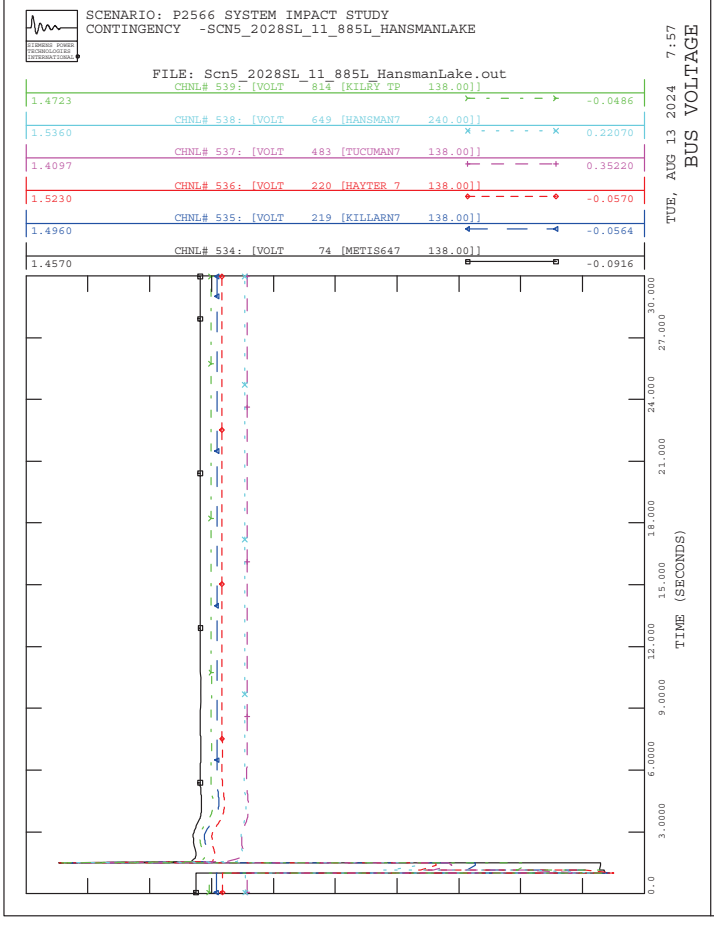

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_11_885L_HANSMANLAKE
FILE: Scn5_2028SL_11_885L_HansmanLake.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 468: [ETRMS64092[EASTERV G1 0.6900]G1]
1.4225
0.21510
CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.4224
0.21480
CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.4144
0.22160
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

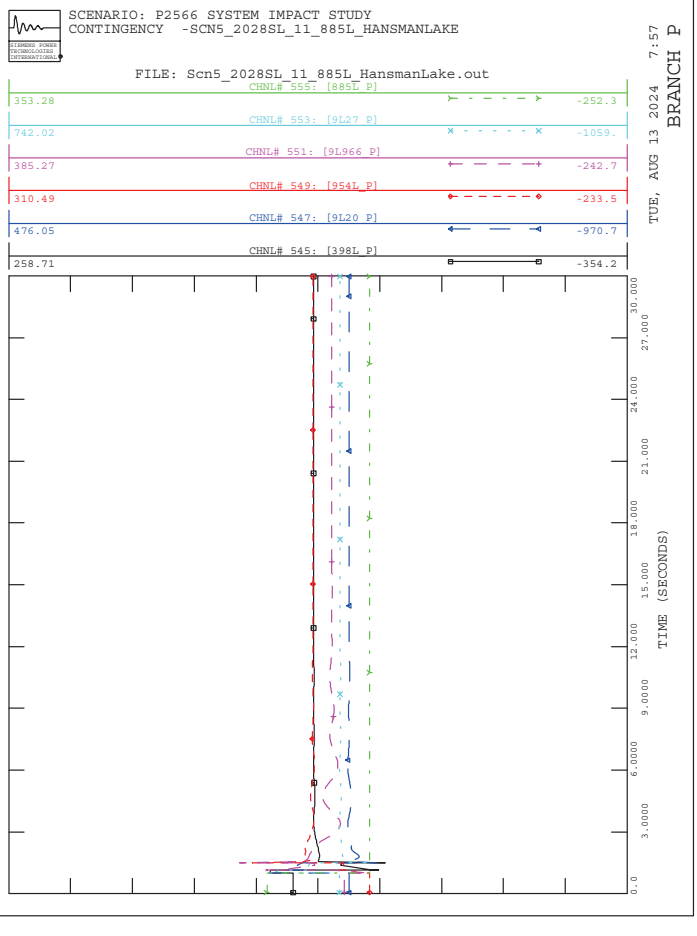

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_11_885L_HANSMANLAKE
FILE: Scn5_2028SL_11_885L_HansmanLake.out
TUE, AUG 13 2024 7:57
REACTIVE POWER
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.94550
-1.007
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.3080
-1.196
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
3.4830
-1.414
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
1.9584
-0.9959
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
2.7810
-1.694
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
2.9762
-1.918
TIME (SECONDS)
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6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

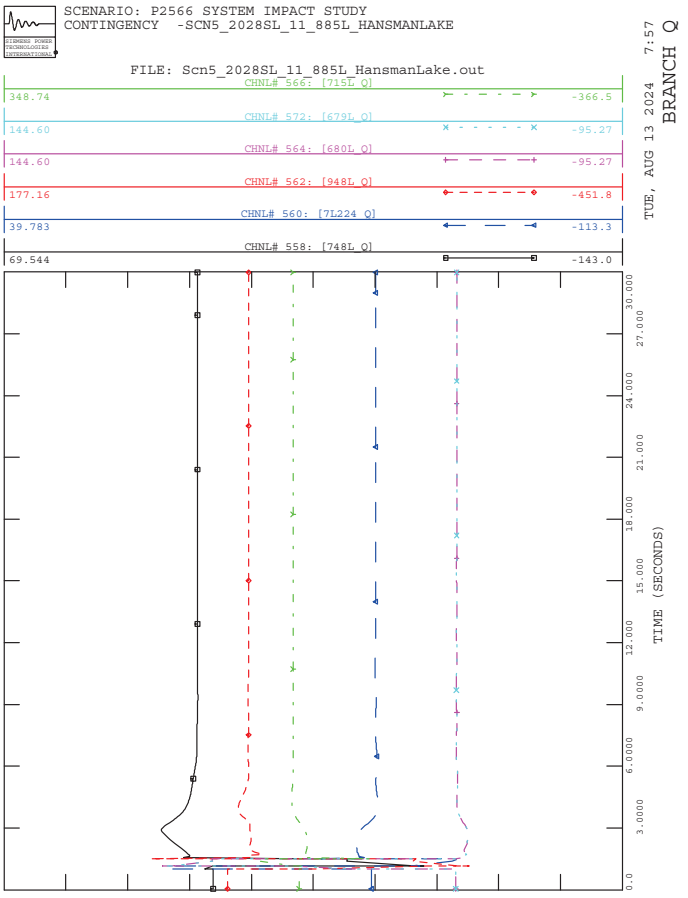

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_11_885L_HANSMANLAKE
FILE: Scn5_2028SL_11_885L_HansmanLake.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.4224
0.21480
CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.4144
0.22160
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2679
0.74930
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
1.2542
0.76480
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1823
0.78570
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1763
0.79270
TIME (SECONDS)
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6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

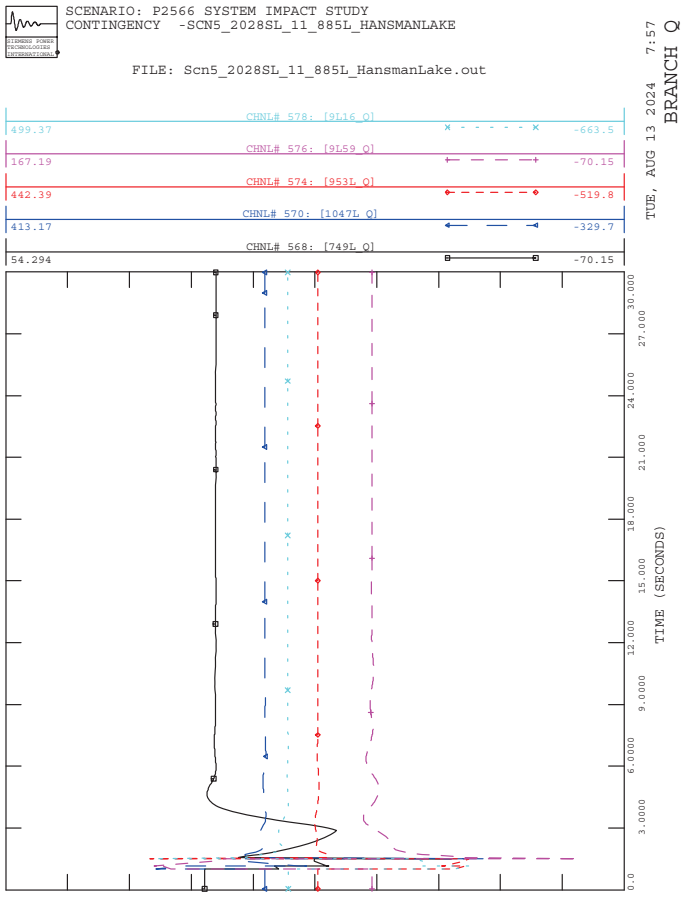

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_11_885L_HANSMANLAKE
FILE: Scn5_2028SL_11_885L_HansmanLake.out
CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.4881
0.28460
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3325
0.67190
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4516
0.38410
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2703
0.76520
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3681
0.59630
BUS VOLTAGE
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

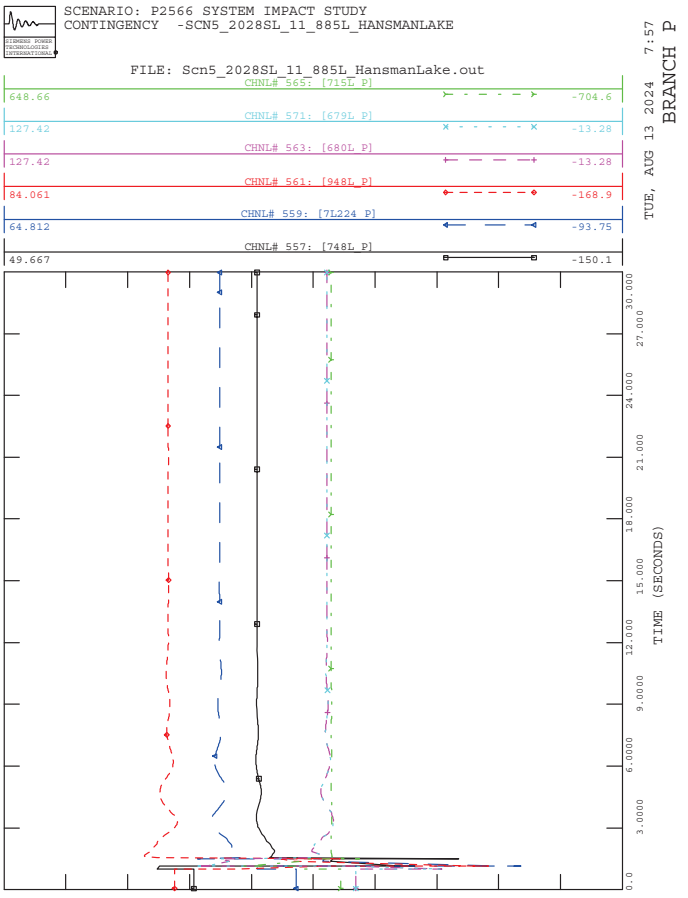

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_11_885L_HANSMANLAKE
FILE: Scn5_2028SL_11_885L_HansmanLake.out
CHNL# 556: [885L Q]
83.172
-59.41
CHNL# 554: [9L27 Q]
1569.4
-1428.
CHNL# 552: [9L966 Q]
1475.0
-1406.
CHNL# 550: [954L Q]
3168.7
-2301.
CHNL# 548: [9L20 Q]
1008.9
-882.4
CHNL# 546: [398L Q]
312.70
-426.7
BRANCH Q
TUE, AUG 13 2024 7:57
TIME (SECONDS)
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3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

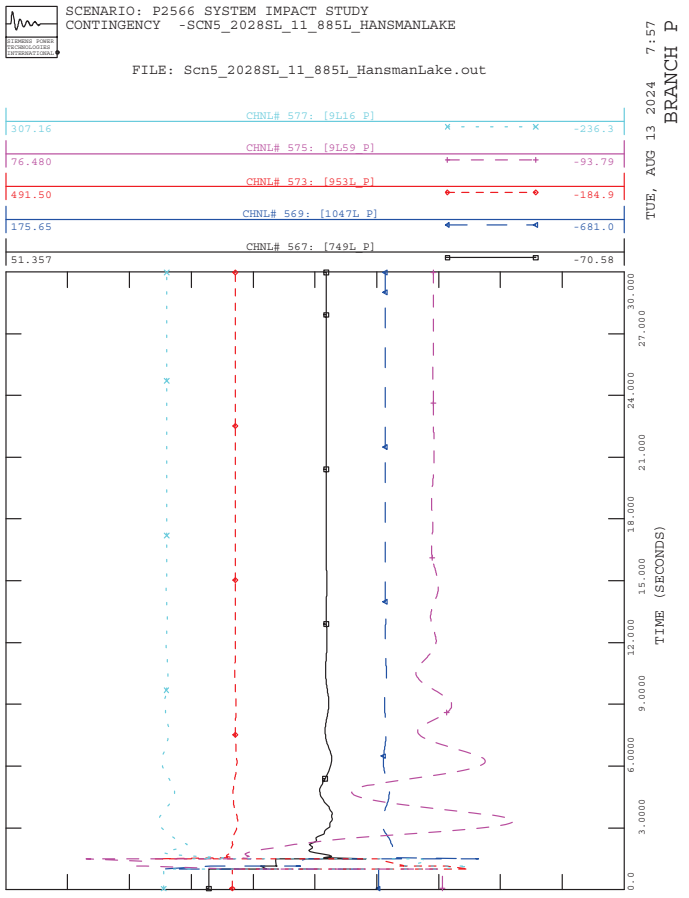

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_11_885L_HANSMANLAKE
FILE: Scn5_2028SL_11_885L_HansmanLake.out
CHNL# 539: [VOLT 814 [KILRV TP 138.00]]
1.4723
-0.0486
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5360
0.22070
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4097
0.35220
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.5230
-0.0570
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4960
-0.0564
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4570
-0.0916
BUS VOLTAGE
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

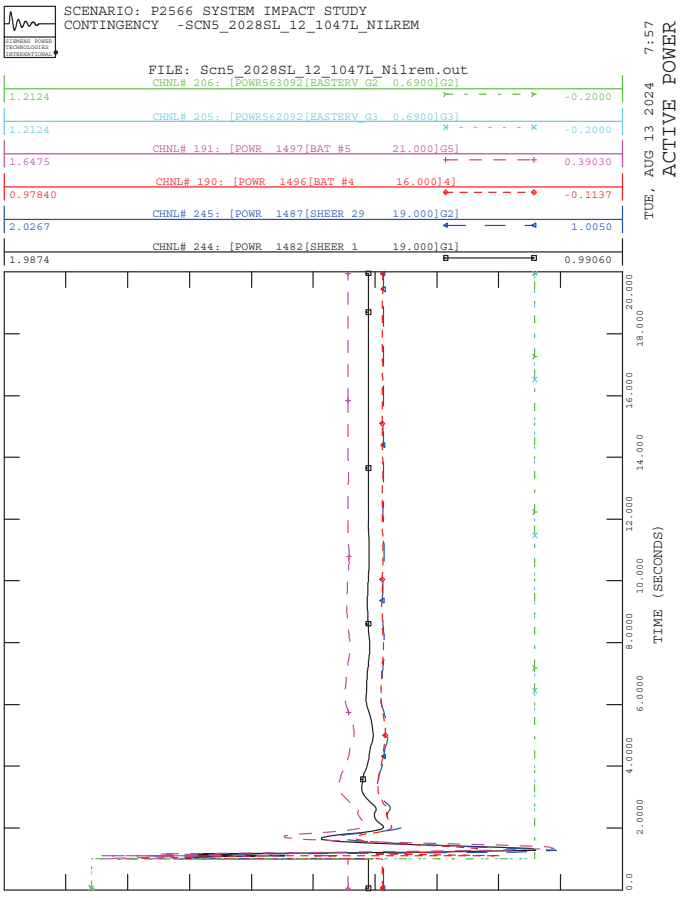

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_11_885L_HANSMANLAKE
FILE: Scn5_2028SL_11_885L_HansmanLake.out
CHNL# 555: [885L P]
353.28
-252.3
CHNL# 553: [9L27 P]
742.02
-1059.
CHNL# 551: [9L966 P]
385.27
-242.7
CHNL# 549: [954L P]
310.49
-233.5
CHNL# 547: [9L20 P]
476.05
-970.7
CHNL# 545: [398L P]
258.71
-354.2
BRANCH P
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

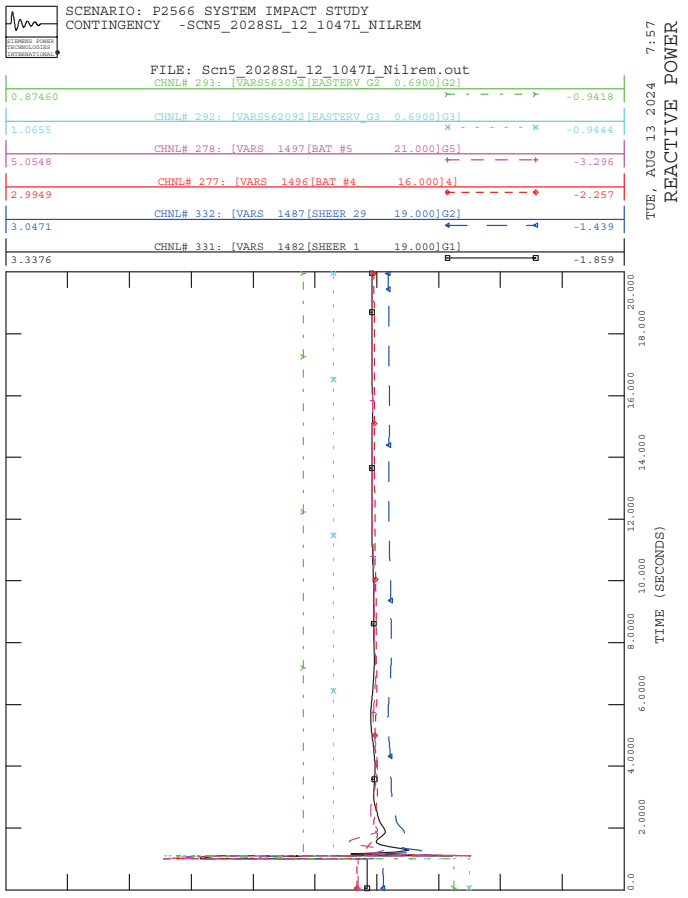

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_11_885L_HANSMANLAKE
FILE: Scn5_2028SL_11_885L_HansmanLake.out
CHNL# 566: [715L Q]
348.74
-366.5
CHNL# 572: [679L Q]
144.60
-95.27
CHNL# 564: [680L Q]
144.60
-95.27
CHNL# 562: [948L Q]
177.16
-451.8
CHNL# 560: [7L224 Q]
39.783
-113.3
CHNL# 558: [748L Q]
69.544
-143.0
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

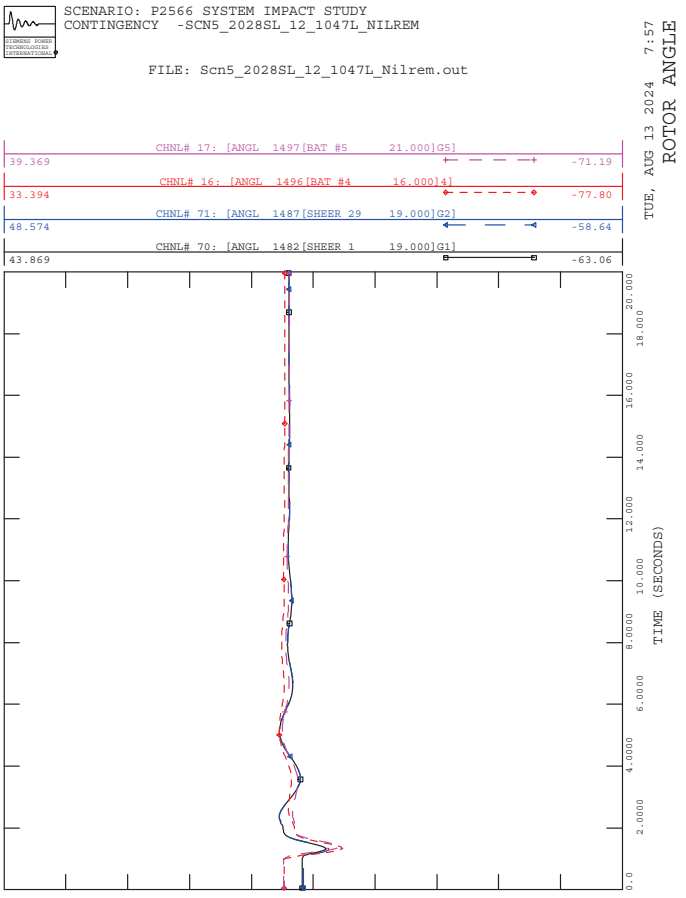

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_11_885L_HANSMANLAKE
FILE: Scn5_2028SL_11_885L_HansmanLake.out
CHNL# 578: [9L16 Q]
499.37
-663.5
CHNL# 576: [9L59 Q]
167.19
-70.15
CHNL# 574: [953L Q]
442.39
-519.8
CHNL# 570: [1047L Q]
413.17
-329.7
CHNL# 568: [749L Q]
54.294
-70.15
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

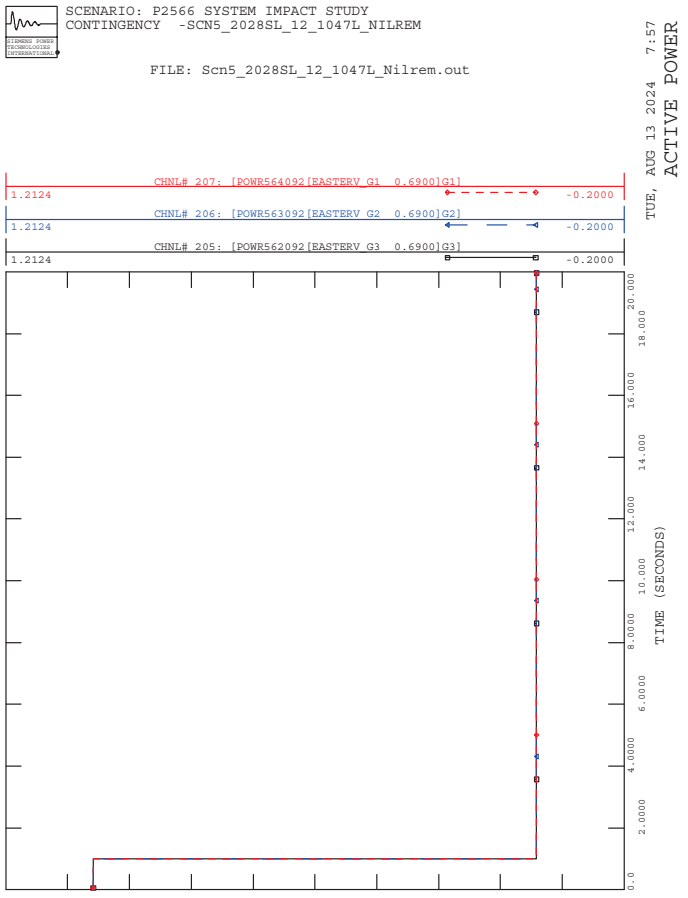

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_11_885L_HANSMANLAKE
FILE: Scn5_2028SL_11_885L_HansmanLake.out
CHNL# 565: [715L P]
648.66
-704.6
CHNL# 571: [679L P]
127.42
-13.28
CHNL# 563: [680L P]
127.42
-13.28
CHNL# 561: [948L P]
84.061
-168.9
CHNL# 559: [7L224 P]
64.812
-93.75
CHNL# 557: [748L P]
49.667
-150.1
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

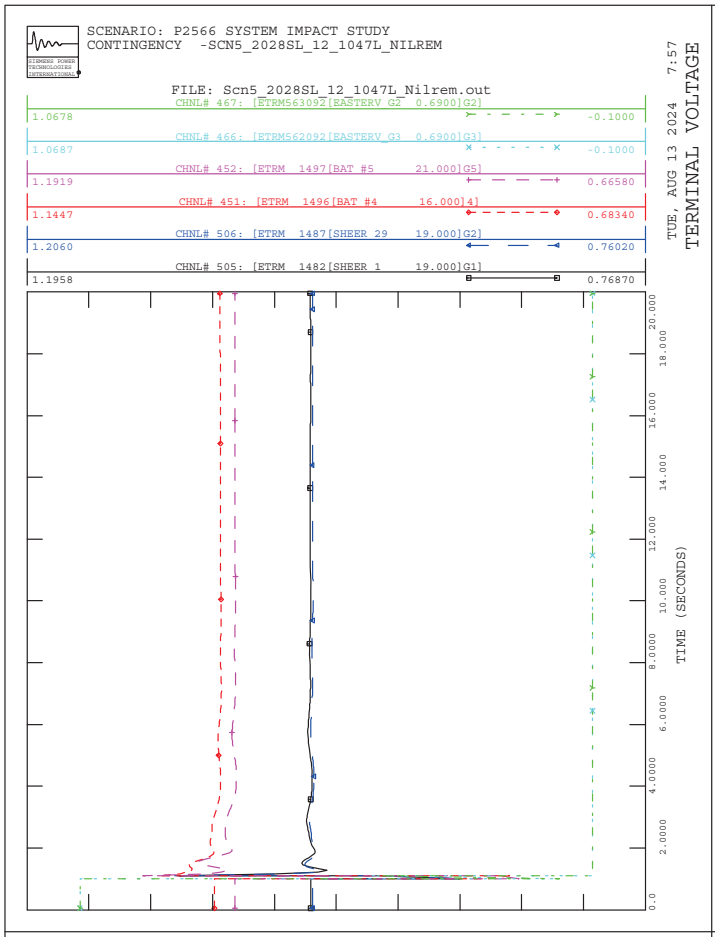

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_11_885L_HANSMANLAKE
FILE: Scn5_2028SL_11_885L_HansmanLake.out
CHNL# 577: [9L16 P]
307.16
-236.3
CHNL# 575: [9L59 P]
76.480
-93.79
CHNL# 573: [953L P]
491.50
-184.9
CHNL# 569: [1047L P]
175.65
-681.0
CHNL# 567: [749L P]
51.357
-70.58
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

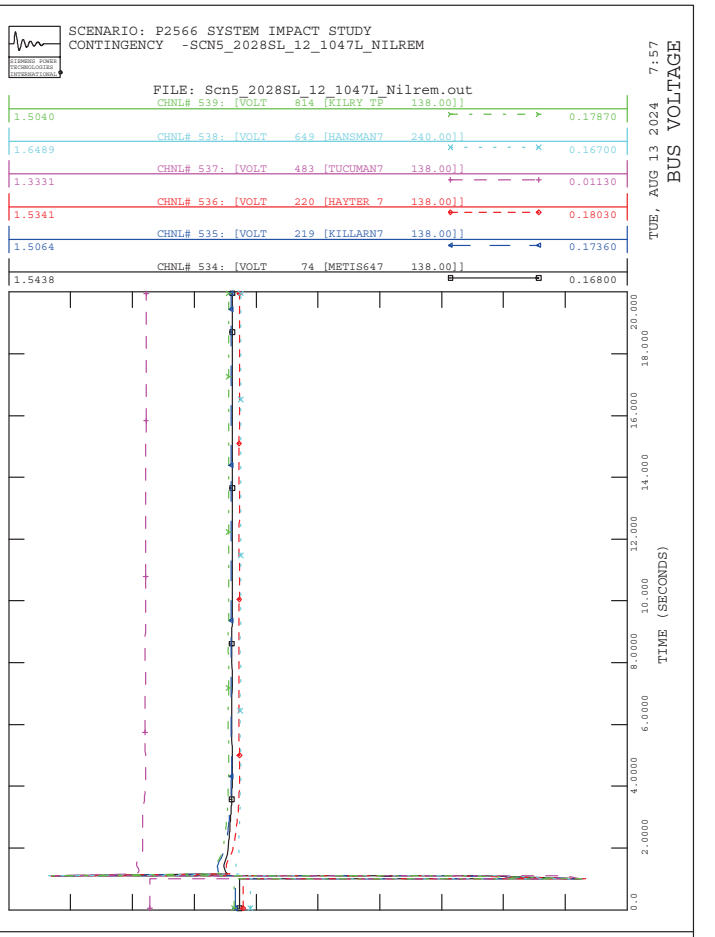

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_12_1047L_NILREM
FILE: Scn5_2028SL_12_1047L_Nilrem.out
CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2]
1.2124
-0.2000
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3]
1.2124
-0.2000
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.6475
0.39030
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.97840
-0.1137
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
2.0267
1.0050
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
1.9874
0.99060
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

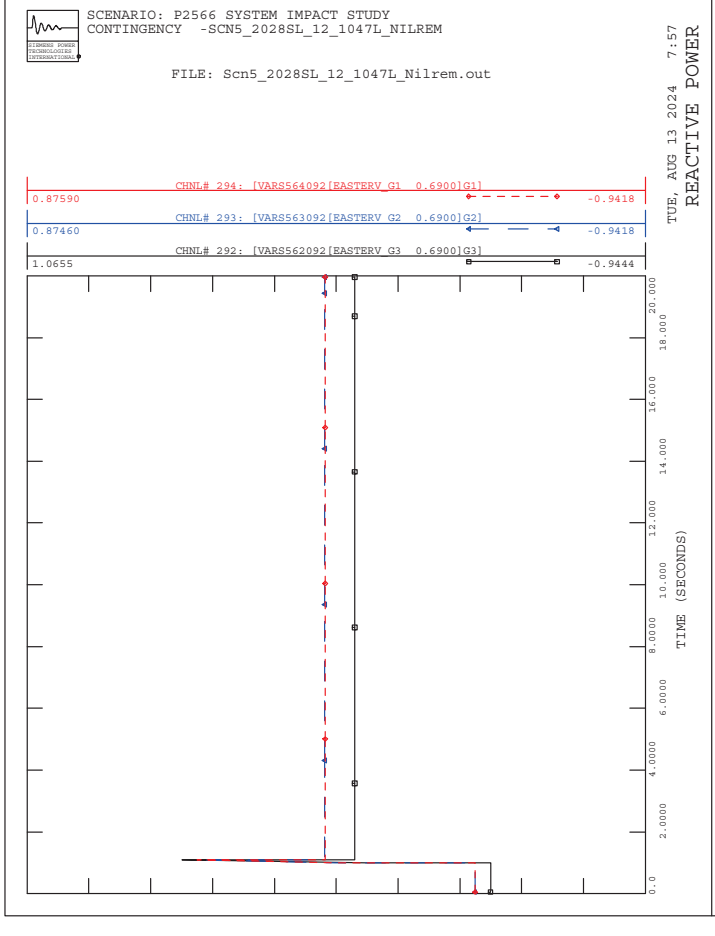

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_12_1047L_NILREM
FILE: Scn5_2028SL_12_1047L_Nilrem.out
CHNL# 293: [VARS563092[EASTERV_G2 0.6900]G2]
0.87460
-0.9418
CHNL# 292: [VARS562092[EASTERV_G3 0.6900]G3]
1.0655
-0.9444
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
5.0548
-3.296
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
2.9949
-2.257
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
3.0471
-1.439
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
3.3376
-1.859
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

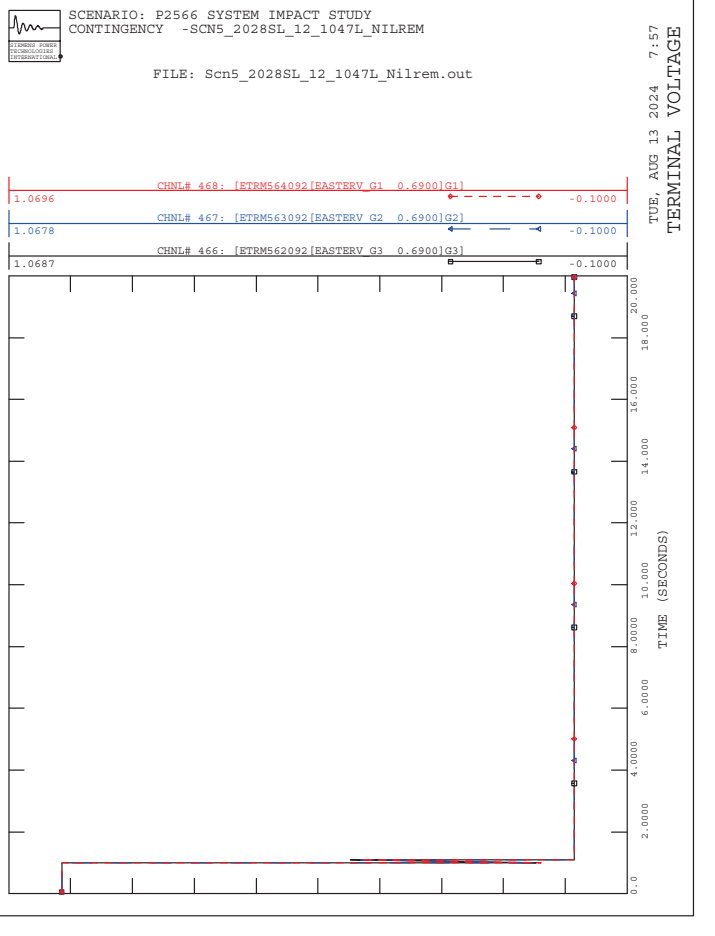

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_12_1047L_NILREM
FILE: Scn5_2028SL_12_1047L_Nilrem.out
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
39.369
-71.19
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
33.394
-77.80
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
48.574
-58.64
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
43.869
-63.06
TUE, AUG 13 2024 7:57
ROTOR ANGLE
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_12_1047L_NILREM
FILE: Scn5_2028SL_12_1047L_Nilrem.out
CHNL# 207: [POWR564092[EASTERV_G1 0.6900]G1]
1.2124
-0.2000
CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2]
1.2124
-0.2000
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3]
1.2124
-0.2000
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_12_1047L_NILREM
FILE: Scn5_2028SL_12_1047L_Nilrem.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.0678 -0.1000
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.0687 -0.1000
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1919 0.66580
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
1.1447 0.68340
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2060 0.76020
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1958 0.76870
0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_12_1047L_NILREM
FILE: Scn5_2028SL_12_1047L_Nilrem.out
TUE, AUG 13 2024 7:57
BUS VOLTAGE
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.5040 0.17870
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.6489 0.16700
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3331 0.01130
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.5341 0.18030
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.5064 0.17360
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.5438 0.16800
0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_12_1047L_NILREM
FILE: Scn5_2028SL_12_1047L_Nilrem.out
TUE, AUG 13 2024 7:57
REACTIVE POWER
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
0.87590 -0.9418
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.87460 -0.9418
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.0655 -0.9444
0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000
TIME (SECONDS)

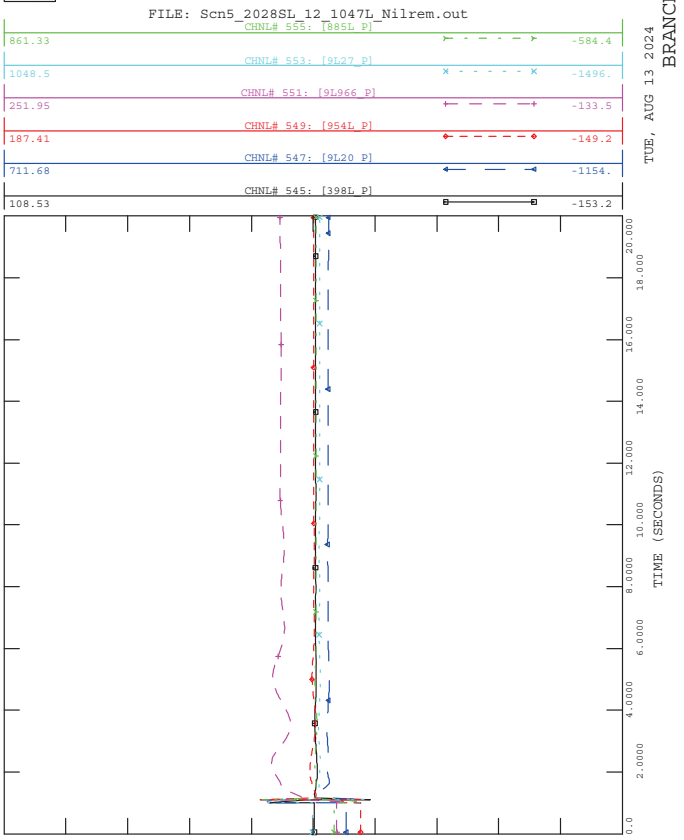

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_12_1047L_NILREM
FILE: Scn5_2028SL_12_1047L_Nilrem.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.0696 -0.1000
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.0678 -0.1000
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.0687 -0.1000
0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_12_1047L_NILREM

FILE: Scn5_2028SL_12_1047L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH P

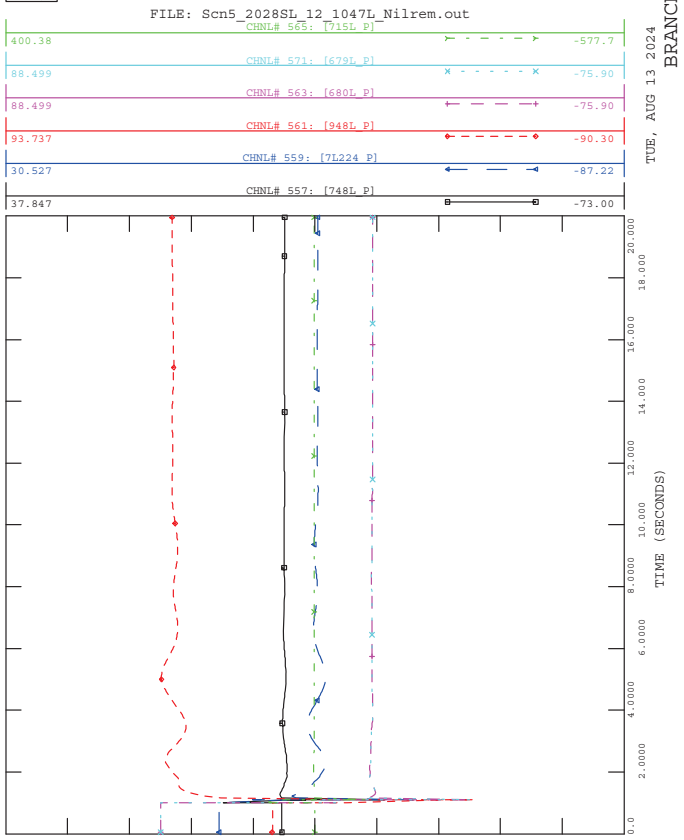


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_12_1047L_NILREM

FILE: Scn5_2028SL_12_1047L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH P

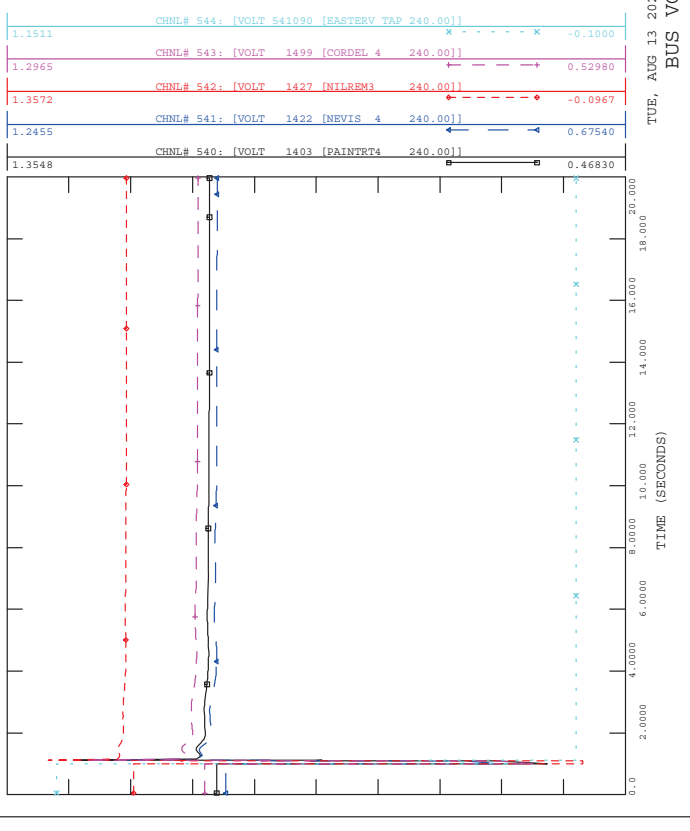


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_12_1047L_NILREM

FILE: Scn5_2028SL_12_1047L_Nilrem.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

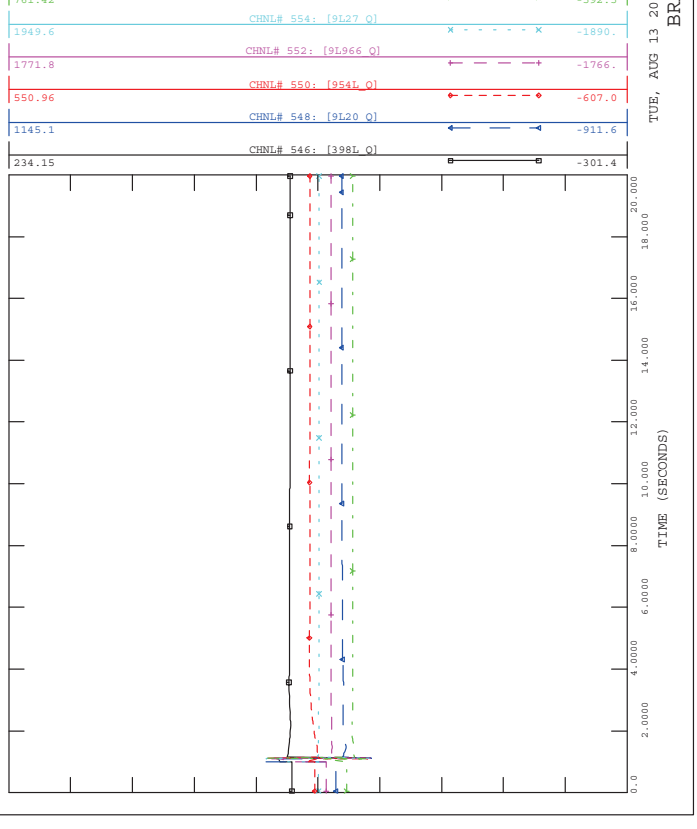


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_12_1047L_NILREM

FILE: Scn5_2028SL_12_1047L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH Q

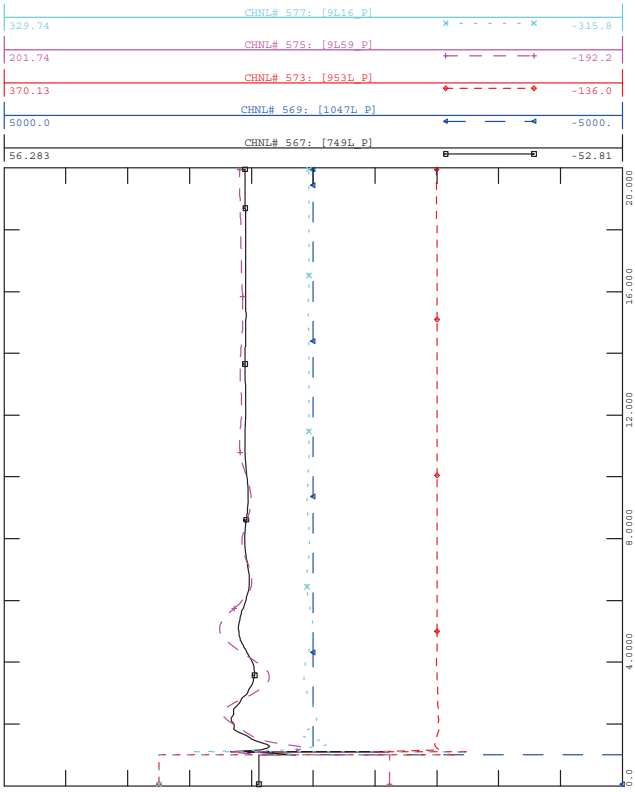


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_12_1047L_NILREM

FILE: Scn5_2028SL_12_1047L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH P

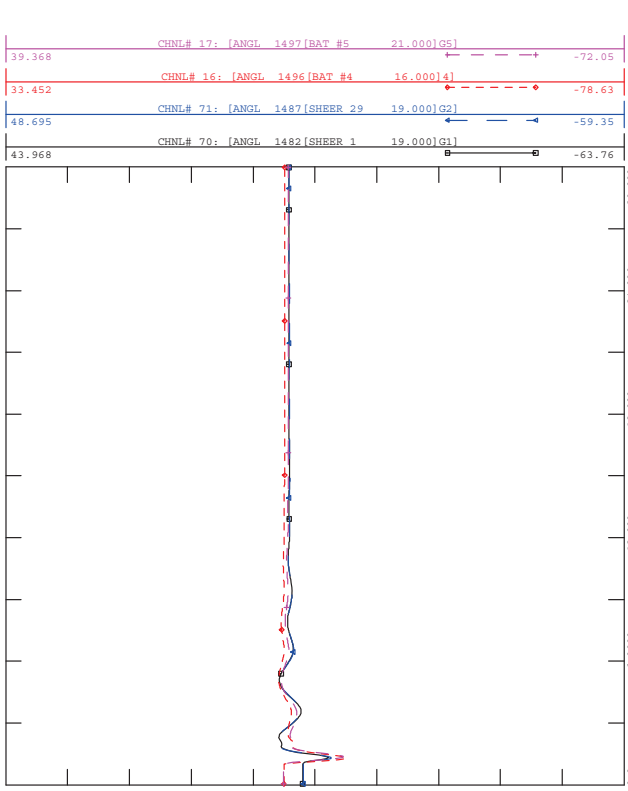


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_13_1047L_HANSMANLAKE

FILE: Scn5_2028SL_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

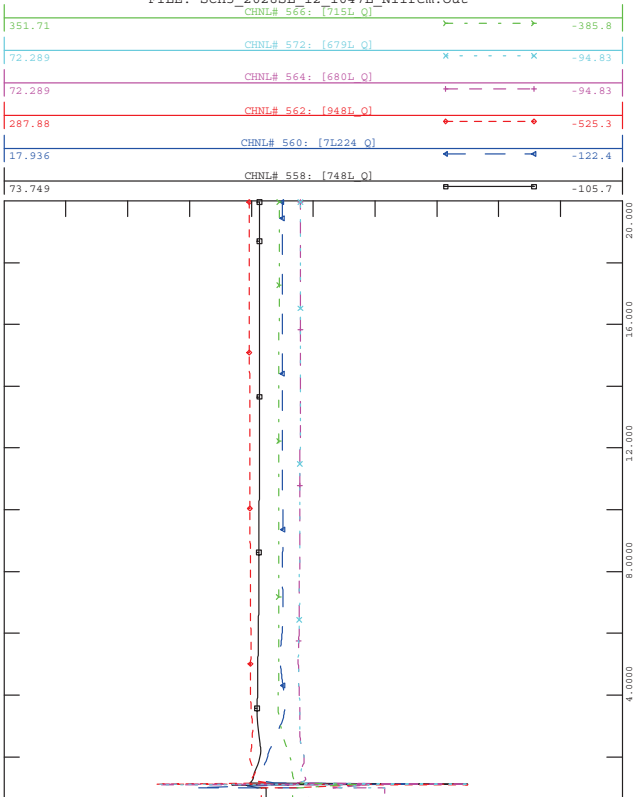


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_12_1047L_NILREM

FILE: Scn5_2028SL_12_1047L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH Q

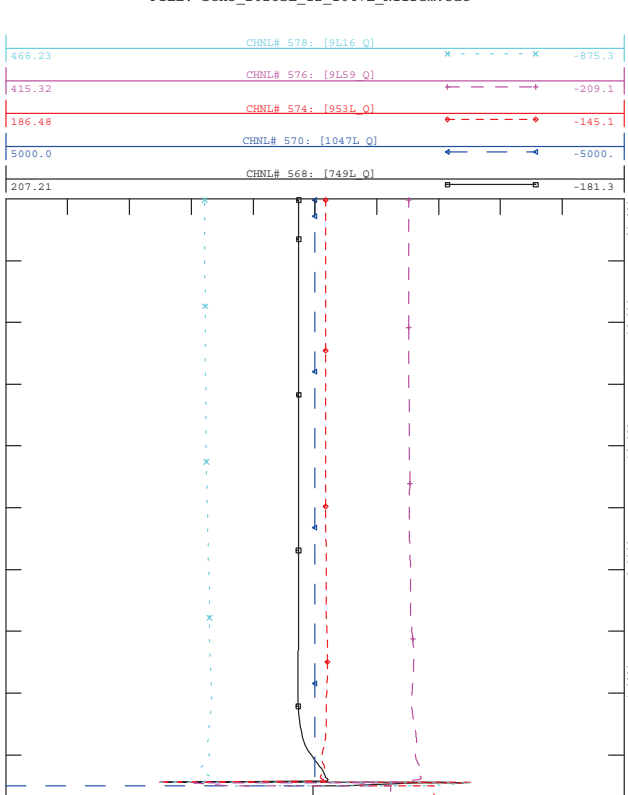


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_12_1047L_NILREM

FILE: Scn5_2028SL_12_1047L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH Q

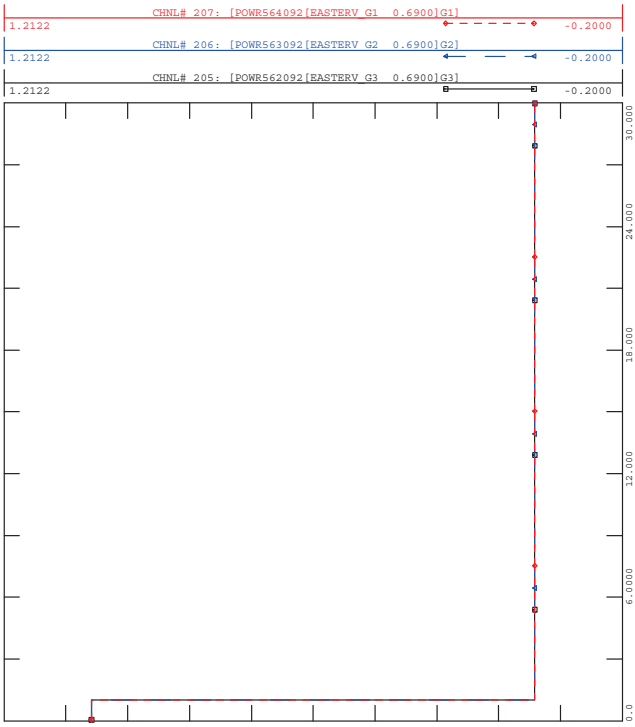


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_13_1047L_HANSMANLAKE

FILE: Scn5_2028SL_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

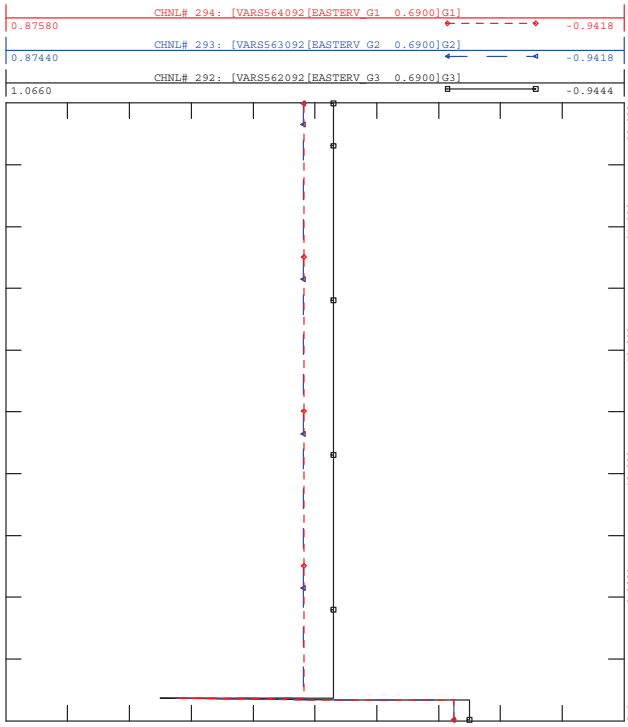


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_13_1047L_HANSMANLAKE

FILE: Scn5_2028SL_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

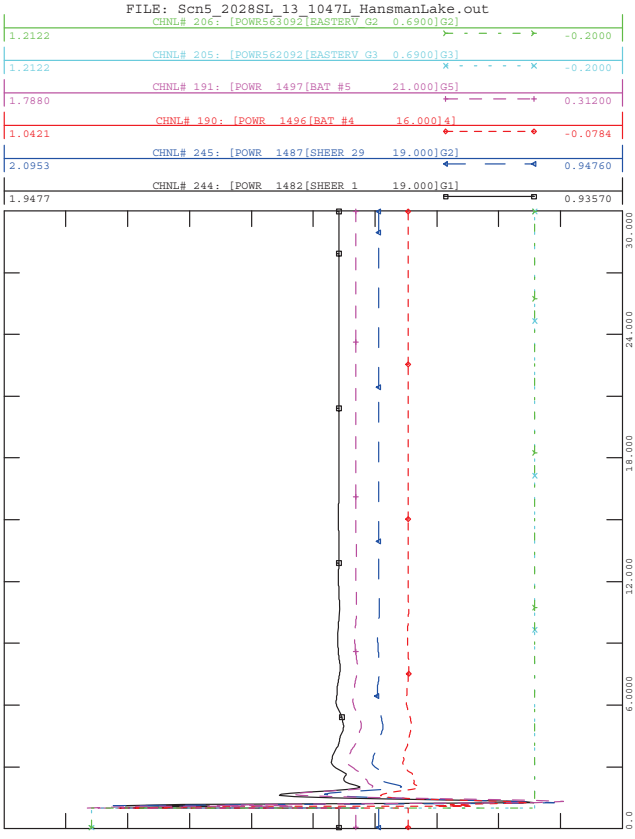


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_13_1047L_HANSMANLAKE

FILE: Scn5_2028SL_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

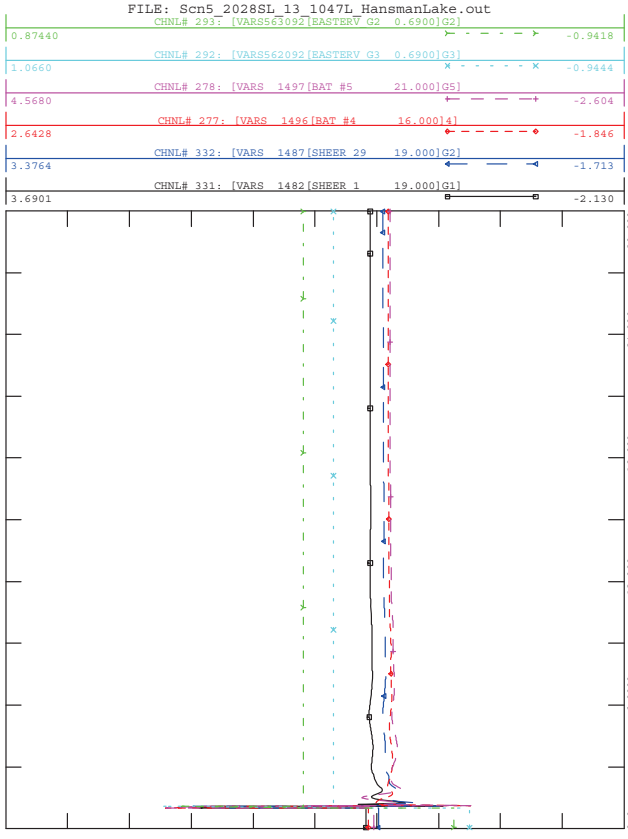


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_13_1047L_HANSMANLAKE

FILE: Scn5_2028SL_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

REACTIVE POWER



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_13_1047L_HANSMANLAKE

FILE: Scn5_2028SL_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

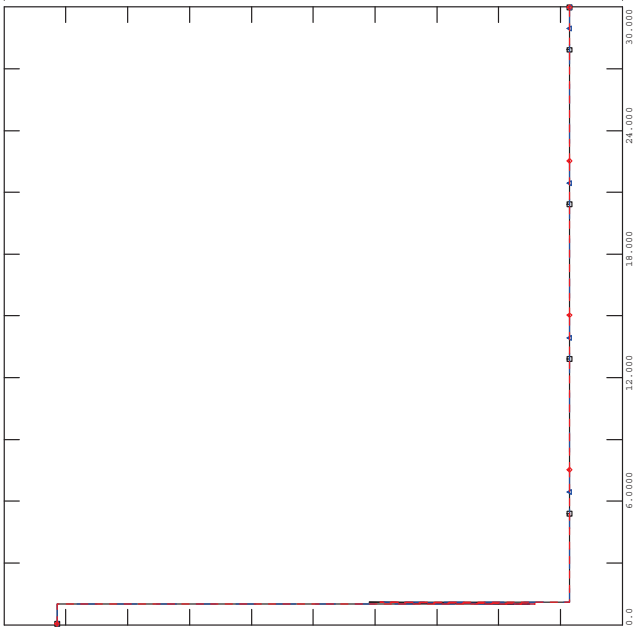
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.0694 -0.1000

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.0676 -0.1000

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.0686 -0.1000

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_13_1047L_HANSMANLAKE

FILE: Scn5_2028SL_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.1510 -0.1000

CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2611 0.57100

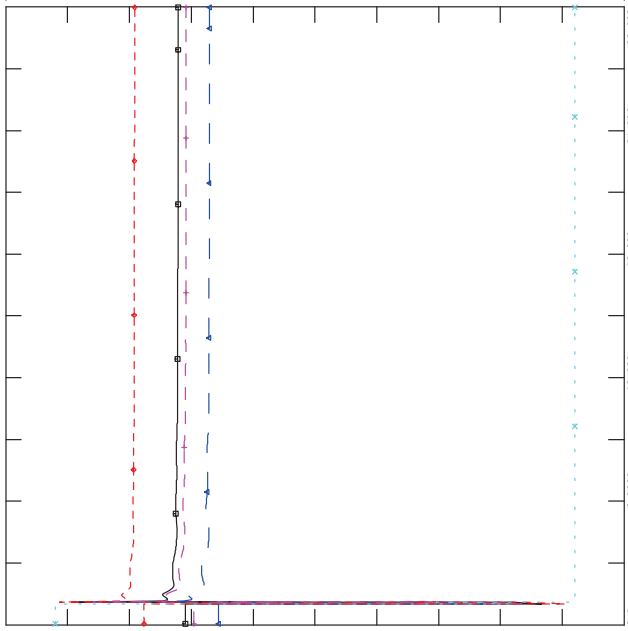
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3077 0.19610

CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2252 0.69840

CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2978 0.45970

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_13_1047L_HANSMANLAKE

FILE: Scn5_2028SL_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.0676 -0.1000

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.0686 -0.1000

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1733 0.68910

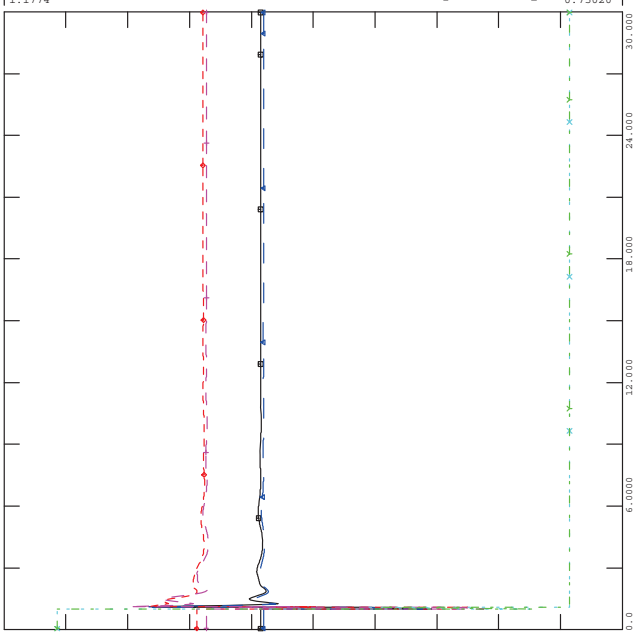
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
1.1349 0.71770

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1877 0.74050

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1774 0.75020

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_13_1047L_HANSMANLAKE

FILE: Scn5_2028SL_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.5051 0.01620

CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.6461 -0.0972

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.2798 0.21070

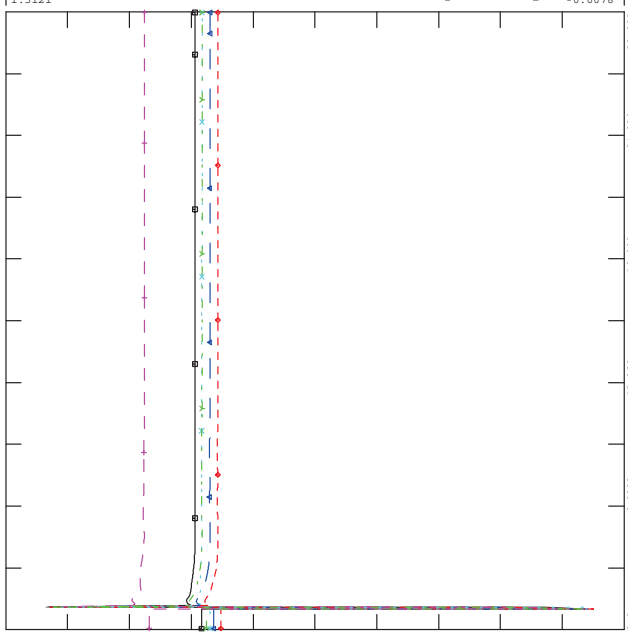
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.5581 0.01540

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.5283 0.00960

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.5121 -0.0078

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_13_1047L_HANSMANLAKE

FILE: Scn5_2028SL_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L Q] 1527.6 -1101.
CHNL# 554: [9L27 Q] 2618.2 -2589.
CHNL# 552: [9L966 Q] 1197.9 -1172.
CHNL# 550: [954L Q] 564.23 -458.8
CHNL# 548: [9L20 Q] 971.72 -739.2
CHNL# 546: [398L Q] 232.16 -304.0

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_13_1047L_HANSMANLAKE

FILE: Scn5_2028SL_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 566: [715L Q] 649.08 -800.8
CHNL# 572: [679L Q] 90.780 -293.6
CHNL# 564: [680L Q] 90.780 -293.6
CHNL# 562: [948L Q] 205.12 -364.6
CHNL# 560: [7L224 Q] 48.872 -171.5
CHNL# 558: [748L Q] 78.821 -114.0

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_13_1047L_HANSMANLAKE

FILE: Scn5_2028SL_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P] 870.22 -616.4
CHNL# 553: [9L27 P] 1107.8 -1386.
CHNL# 551: [9L966 P] 558.26 -383.7
CHNL# 549: [954L P] 371.38 -277.0
CHNL# 547: [9L20 P] 545.22 -944.2
CHNL# 545: [398L P] 137.80 -194.3

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_13_1047L_HANSMANLAKE

FILE: Scn5_2028SL_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 565: [715L P] 273.75 -380.1
CHNL# 571: [679L P] 91.911 -86.14
CHNL# 563: [680L P] 91.911 -86.14
CHNL# 561: [948L P] 86.439 -73.38
CHNL# 559: [7L224 P] 48.361 -151.9
CHNL# 557: [748L P] 39.192 -94.29

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_13_1047L_HANSMANLAKE

FILE: Scn5_2028SL_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16_Q]
354.41 -729.7
CHNL# 576: [9L59_Q]
291.75 -101.9
CHNL# 574: [953L_Q]
346.20 -728.6
CHNL# 570: [1047L_Q]
1184.5 -394.8
CHNL# 568: [749L_Q]
118.80 -95.36

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_14_948L_HANSMANLAKE

FILE: Scn5_2028SL_14_948L_HansmanLake.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2]
1.2662 -0.2000
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3]
1.2650 -0.2000
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.8024 0.33620
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
1.0424 -0.0095
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
2.3688 1.0322
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
2.2413 0.95260

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_13_1047L_HANSMANLAKE

FILE: Scn5_2028SL_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P]
347.93 -370.4
CHNL# 575: [9L59_P]
95.928 -90.25
CHNL# 573: [953L_P]
397.05 -216.8
CHNL# 569: [1047L_P]
364.94 -575.6
CHNL# 567: [749L_P]
87.451 -44.03

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_14_948L_HANSMANLAKE

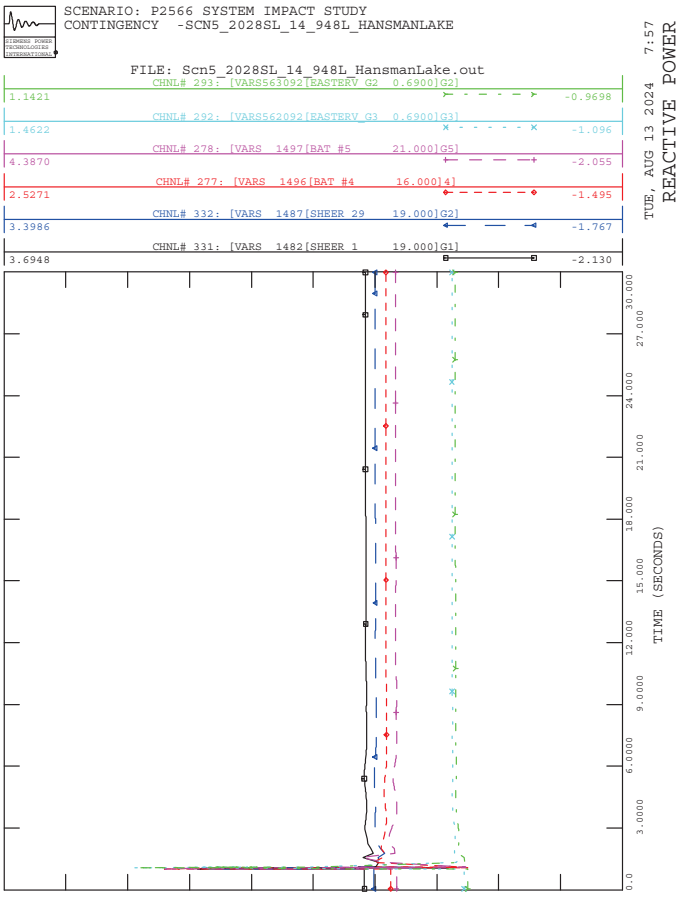
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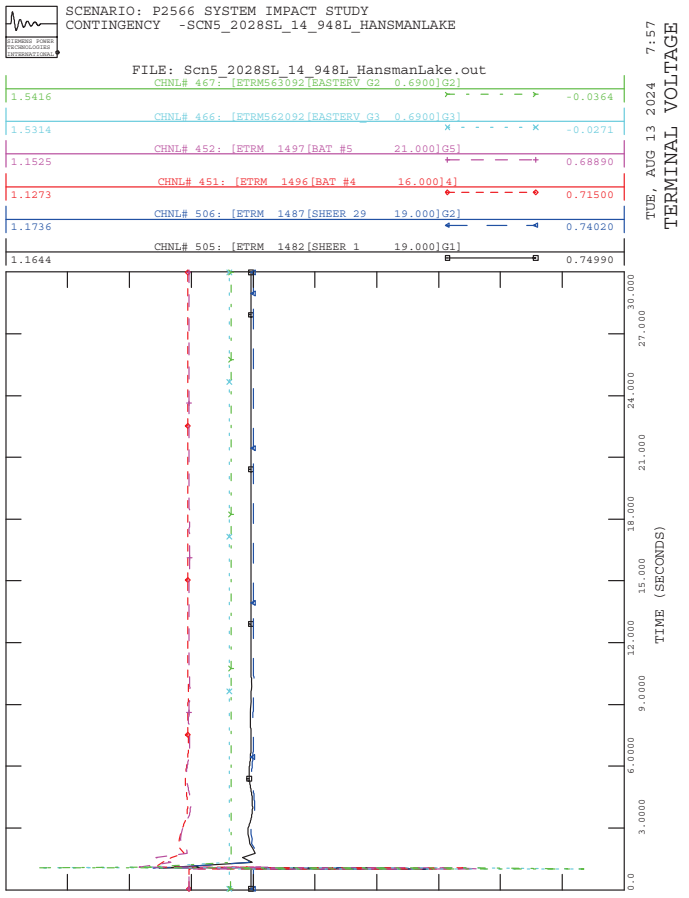
TUE, AUG 13 2024 7:57

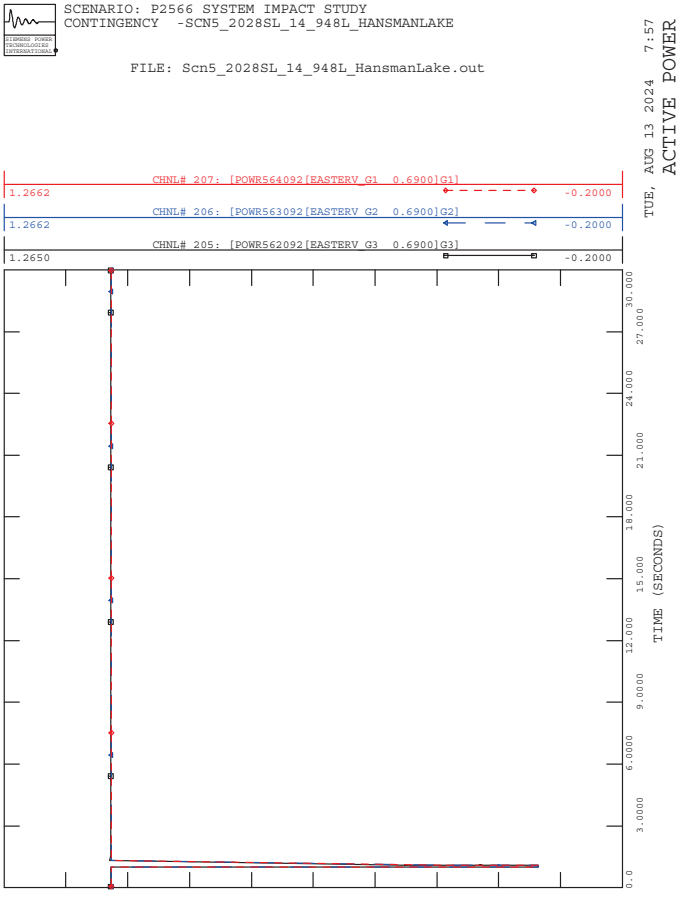
ROTOR ANGLE

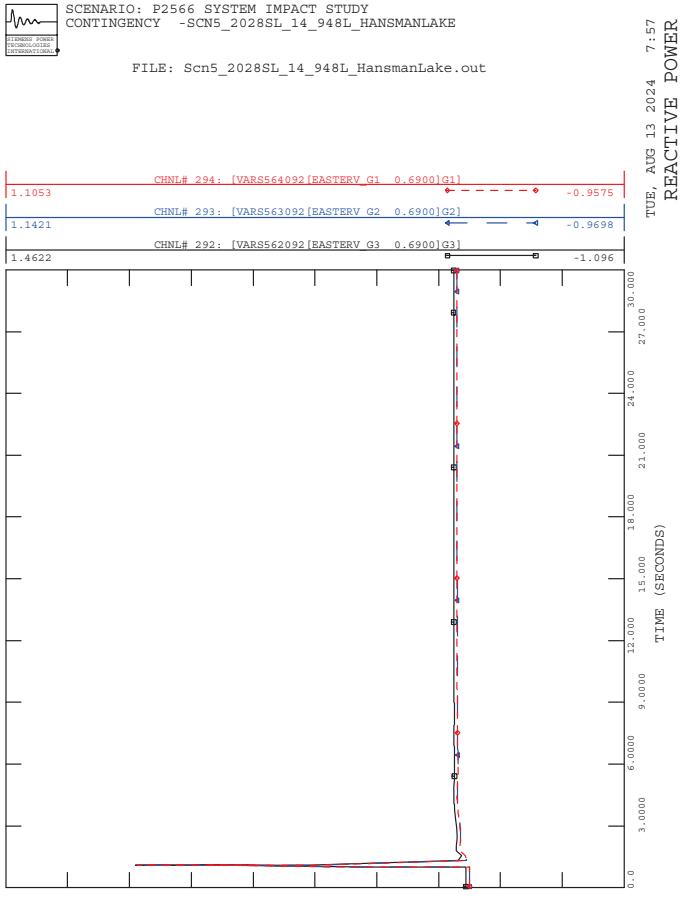
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
39.368 -70.66
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
33.058 -76.55
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
48.152 -58.50
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
43.468 -63.13

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_14_948L_HANSMANLAKE
FILE: Scn5_2028SL_14_948L_HansmanLake.out
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.1421
-0.9698
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.4622
-1.096
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
4.3870
-2.055
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
2.5271
-1.495
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
3.3986
-1.767
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
3.6948
-2.130
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

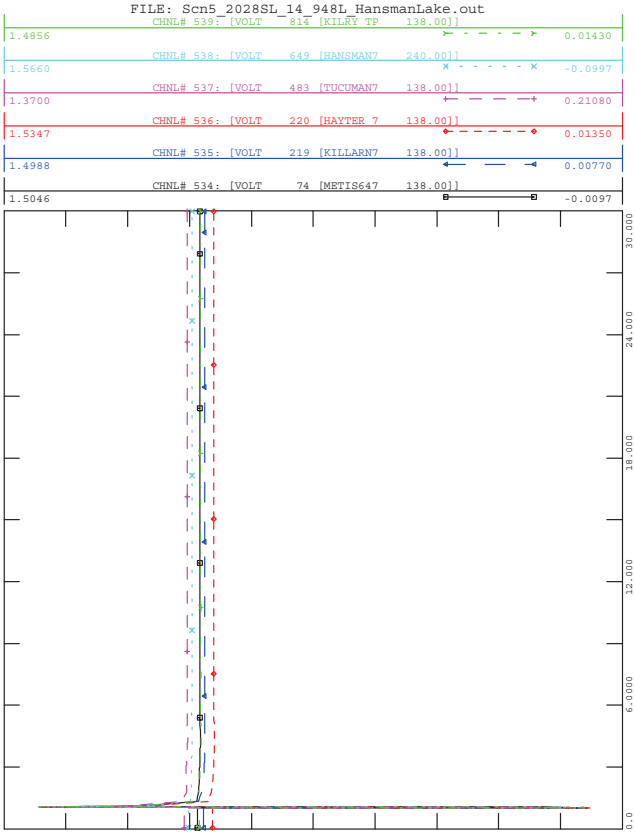

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_14_948L_HANSMANLAKE
FILE: Scn5_2028SL_14_948L_HansmanLake.out
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5416
-0.0364
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5314
-0.0271
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1525
0.68890
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
1.1273
0.71500
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1736
0.74020
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1644
0.74990
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_14_948L_HANSMANLAKE
FILE: Scn5_2028SL_14_948L_HansmanLake.out
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2662
-0.2000
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2662
-0.2000
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2650
-0.2000
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_14_948L_HANSMANLAKE
FILE: Scn5_2028SL_14_948L_HansmanLake.out
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.1053
-0.9575
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.1421
-0.9698
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.4622
-1.096
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_14_948L_HANSMANLAKE

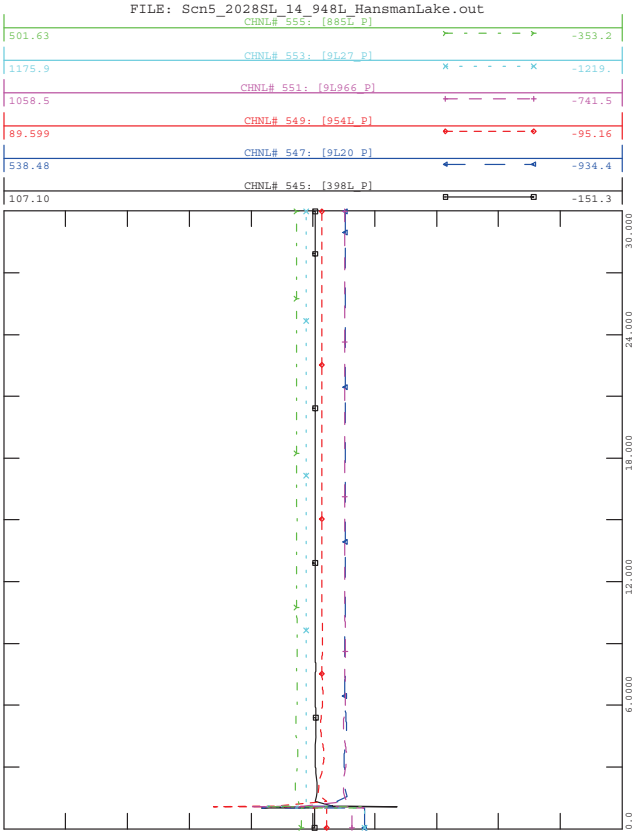
FILE: Scn5_2028SL_14_948L_HansmanLake.out



TUE, AUG 13 2024 7:57
BUS VOLTAGE

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_14_948L_HANSMANLAKE

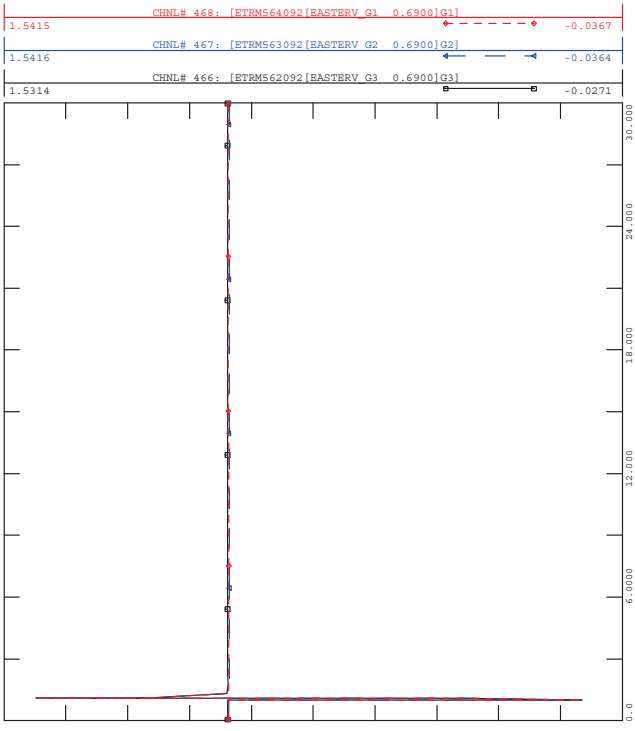
FILE: Scn5_2028SL_14_948L_HansmanLake.out



TUE, AUG 13 2024 7:57
BRANCH P

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_14_948L_HANSMANLAKE

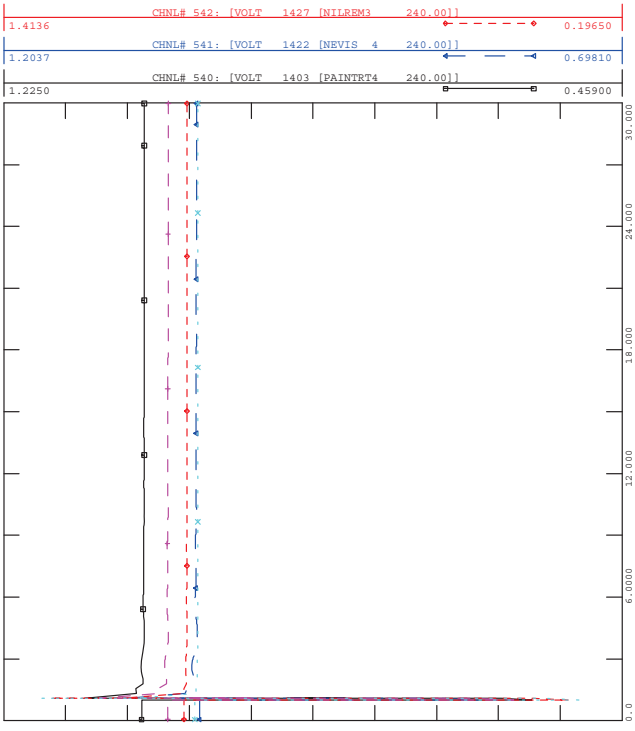
FILE: Scn5_2028SL_14_948L_HansmanLake.out



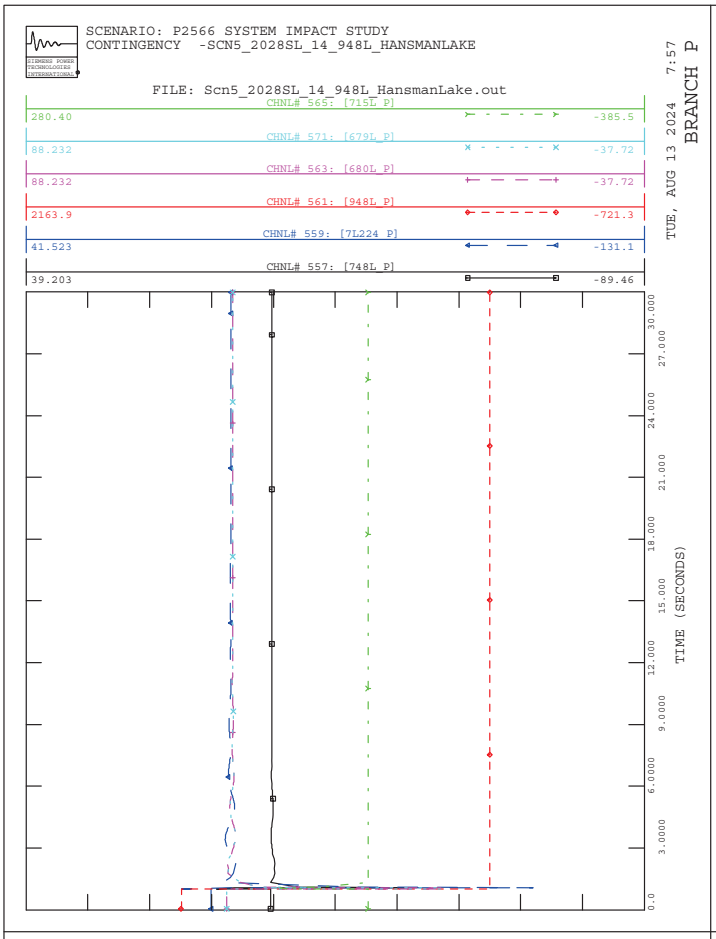
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE

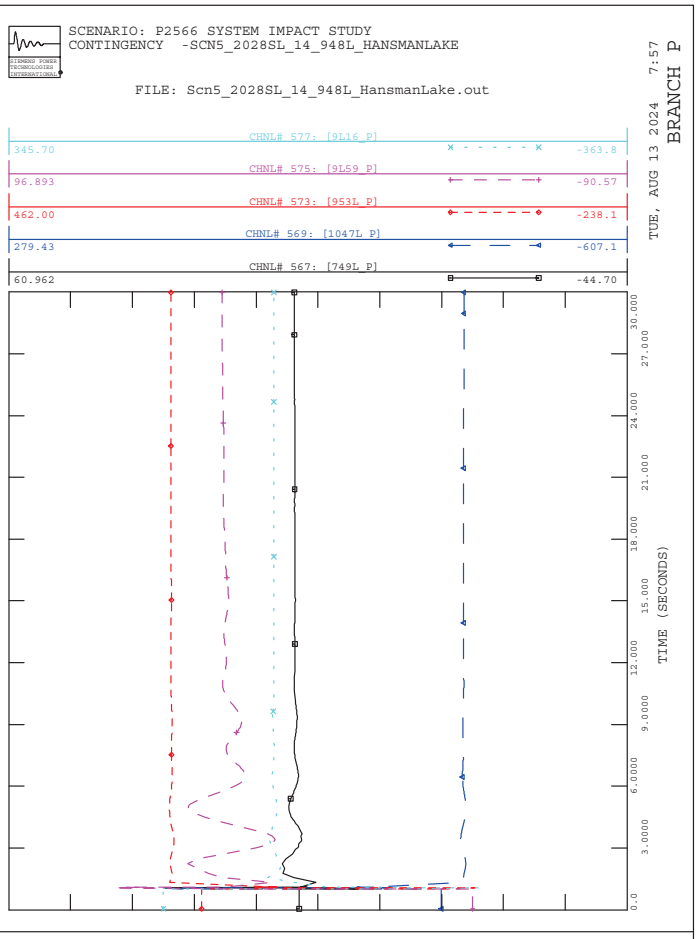
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_14_948L_HANSMANLAKE

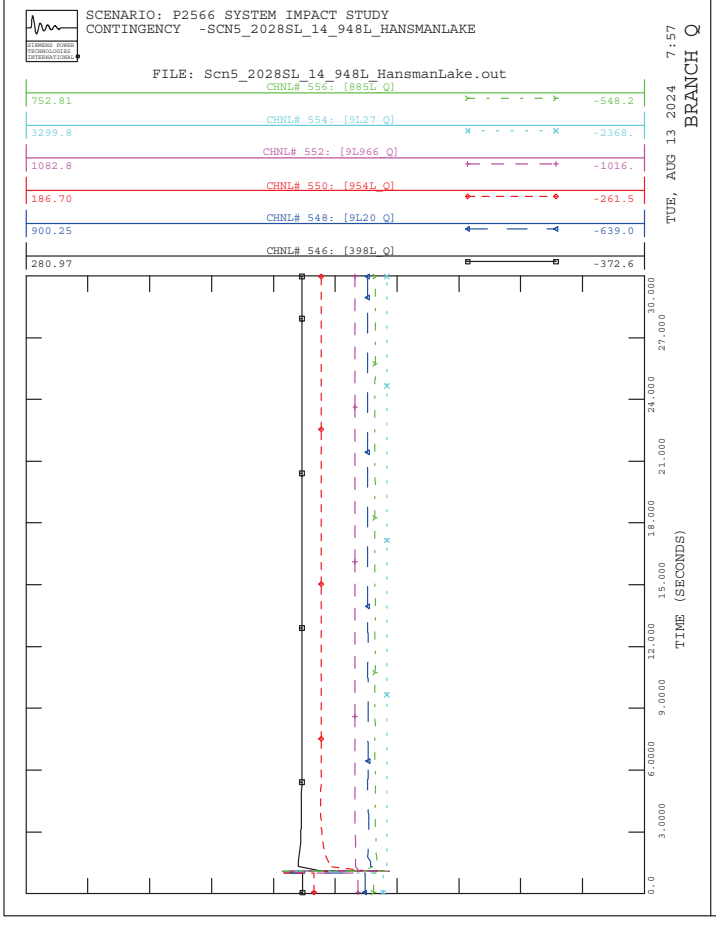
FILE: Scn5_2028SL_14_948L_HansmanLake.out

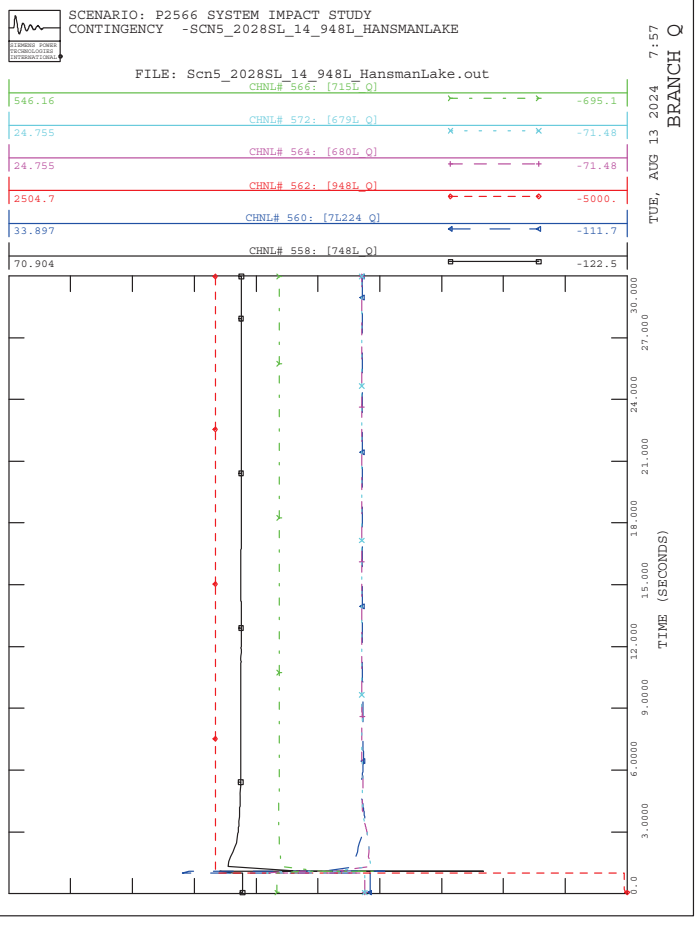


TUE, AUG 13 2024 7:57
BUS VOLTAGE


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_14_948L_HANSMANLAKE
FILE: Scn5_2028SL_14_948L_HansmanLake.out
CHNL# 565: [715L P]
280.40
-385.5
CHNL# 571: [679L P]
88.232
-37.72
CHNL# 563: [680L P]
88.232
-37.72
CHNL# 561: [948L P]
2163.9
-721.3
CHNL# 559: [7L224 P]
41.523
-131.1
CHNL# 557: [748L P]
39.203
-89.46
BRANCH P
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_14_948L_HANSMANLAKE
FILE: Scn5_2028SL_14_948L_HansmanLake.out
CHNL# 577: [9L16 P]
345.70
-363.8
CHNL# 575: [9L59 P]
96.893
-90.57
CHNL# 573: [953L P]
462.00
-238.1
CHNL# 569: [1047L P]
279.43
-607.1
CHNL# 567: [749L P]
60.962
-44.70
BRANCH P
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_14_948L_HANSMANLAKE
FILE: Scn5_2028SL_14_948L_HansmanLake.out
CHNL# 556: [885L Q]
752.81
-548.2
CHNL# 554: [9L27 Q]
3299.8
-2368.
CHNL# 552: [9L966 Q]
1082.8
-1016.
CHNL# 550: [954L Q]
186.70
-261.5
CHNL# 548: [9L20 Q]
900.25
-639.0
CHNL# 546: [398L Q]
280.97
-372.6
BRANCH Q
TUE, AUG 13 2024 7:57
TIME (SECONDS)
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3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

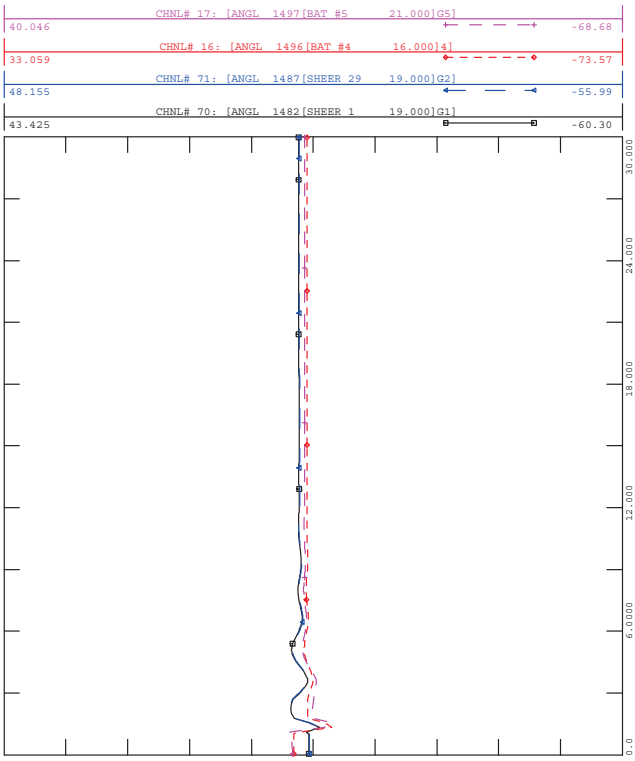

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_14_948L_HANSMANLAKE
FILE: Scn5_2028SL_14_948L_HansmanLake.out
CHNL# 566: [715L Q]
546.16
-695.1
CHNL# 572: [679L Q]
24.755
-71.48
CHNL# 564: [680L Q]
24.755
-71.48
CHNL# 562: [948L Q]
2504.7
-5000.
CHNL# 560: [7L224 Q]
33.897
-111.7
CHNL# 558: [748L Q]
70.904
-122.5
BRANCH Q
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_15_948L_PAINTEARTH

FILE: Scn5_2028SL_15_948L_Paintearth.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

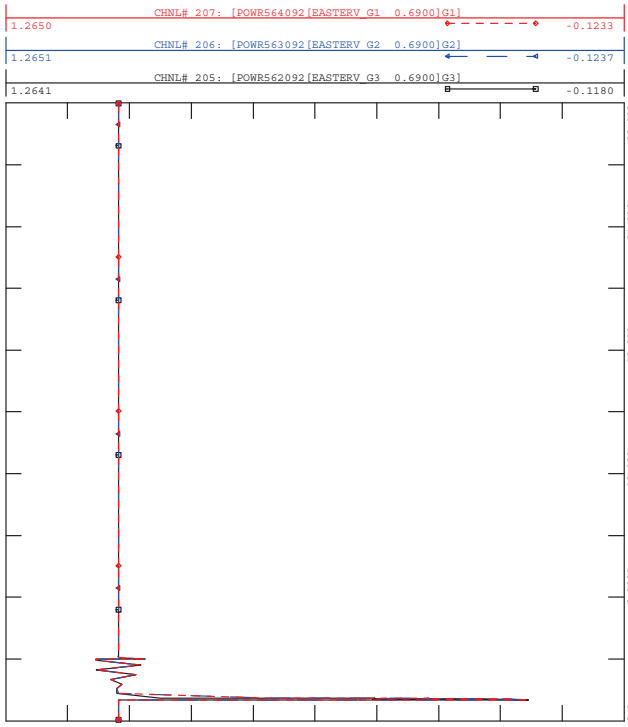


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_15_948L_PAINTEARTH

FILE: Scn5_2028SL_15_948L_Paintearth.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

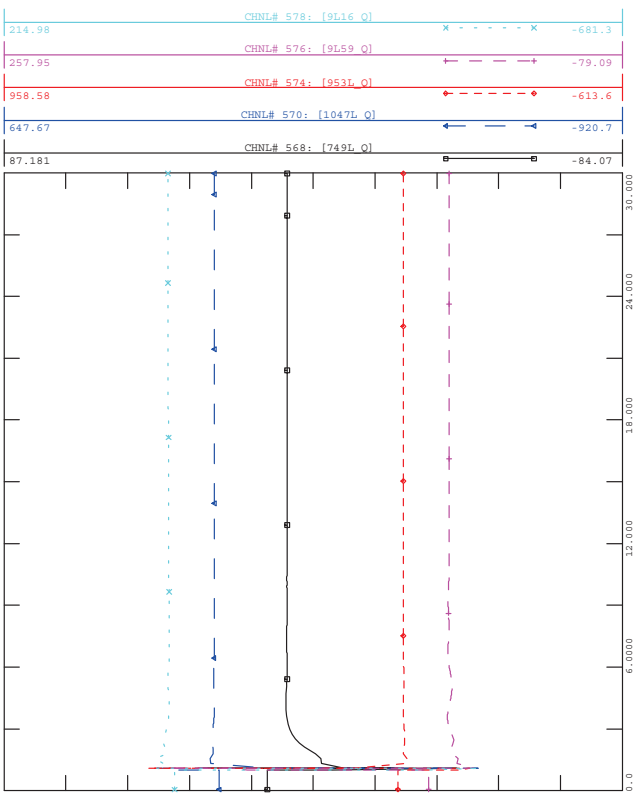


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_14_948L_HANSMANLAKE

FILE: Scn5_2028SL_14_948L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

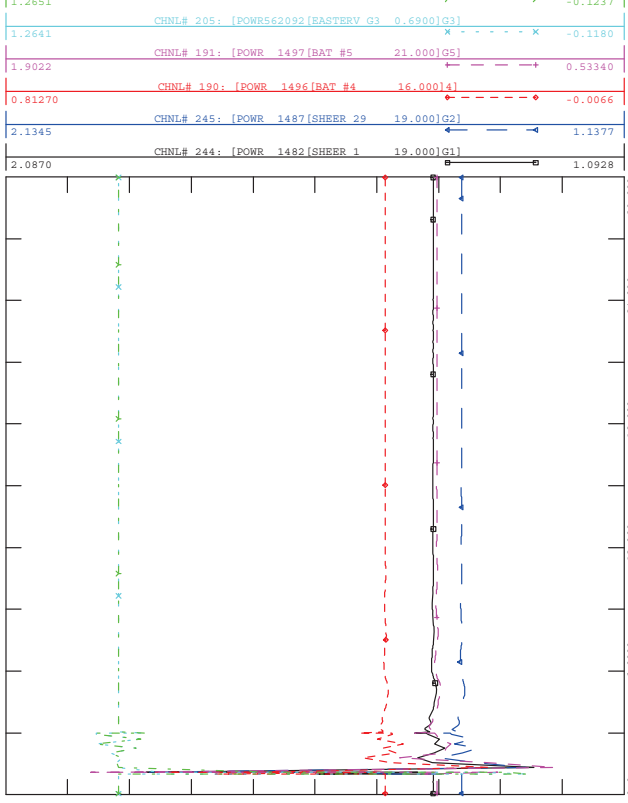


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_15_948L_PAINTEARTH

FILE: Scn5_2028SL_15_948L_Paintearth.out

TUE, AUG 13 2024 7:57

ACTIVE POWER



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_15_948L_PAINTEARTH

FILE: Scn5_2028SL_15_948L_Paintearth.out

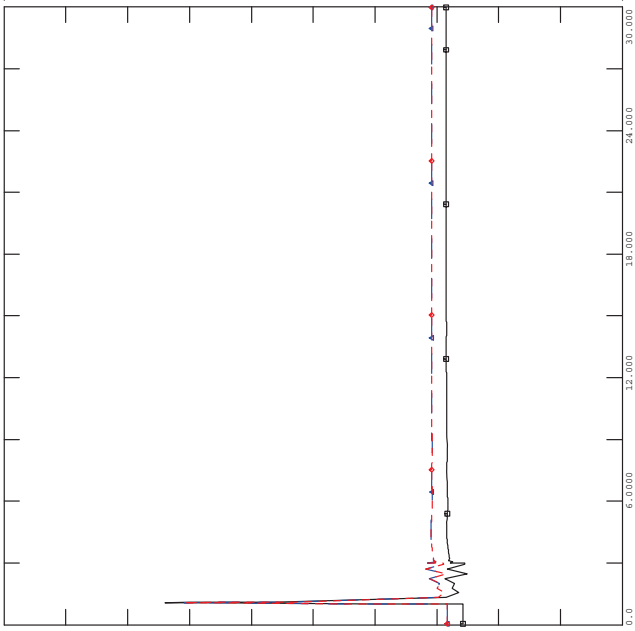
TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
0.82530 -0.9418

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.82440 -0.9418

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.0446 -0.9583



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_15_948L_PAINTEARTH

FILE: Scn5_2028SL_15_948L_Paintearth.out

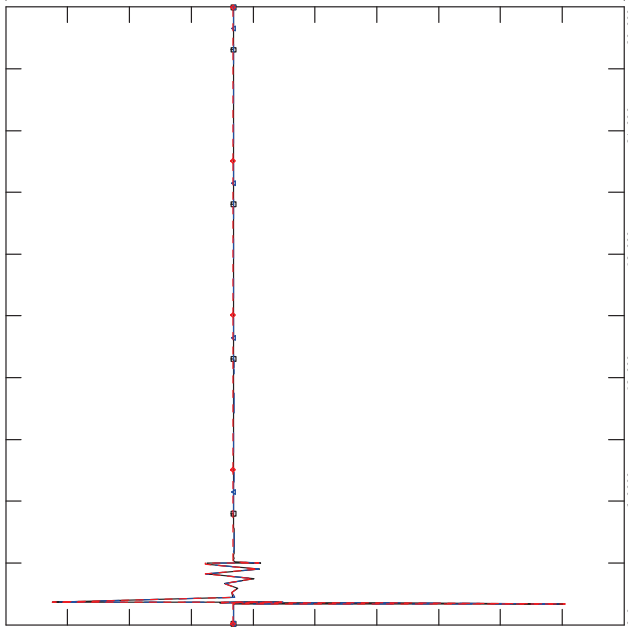
TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.4170 0.19720

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4168 0.19700

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4135 0.20390



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_15_948L_PAINTEARTH

FILE: Scn5_2028SL_15_948L_Paintearth.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.82440 -0.9418

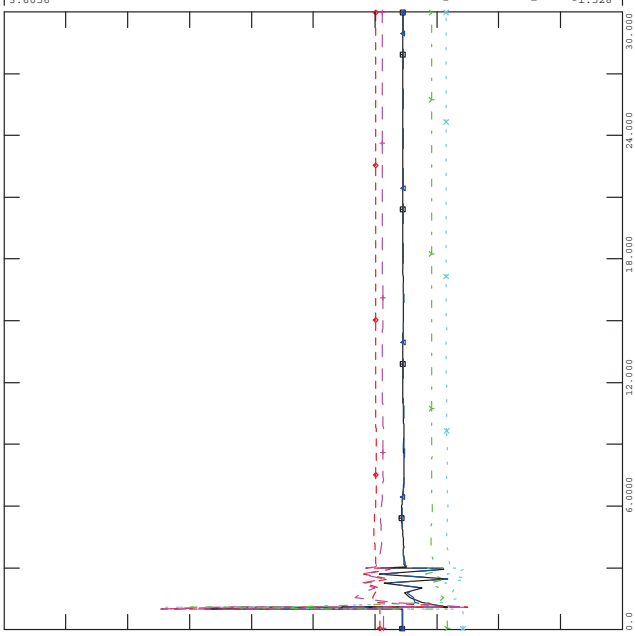
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.0446 -0.9583

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
5.9088 -3.238

CHNL# 277: [VARS 1496[BAT #4 16.000]4]
3.2635 -2.092

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
3.3775 -1.384

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
3.6056 -1.528



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_15_948L_PAINTEARTH

FILE: Scn5_2028SL_15_948L_Paintearth.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4168 0.19700

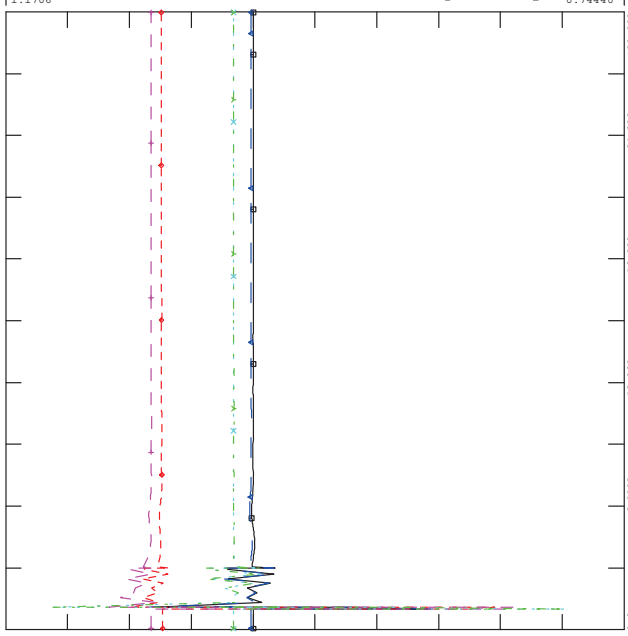
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4135 0.20390

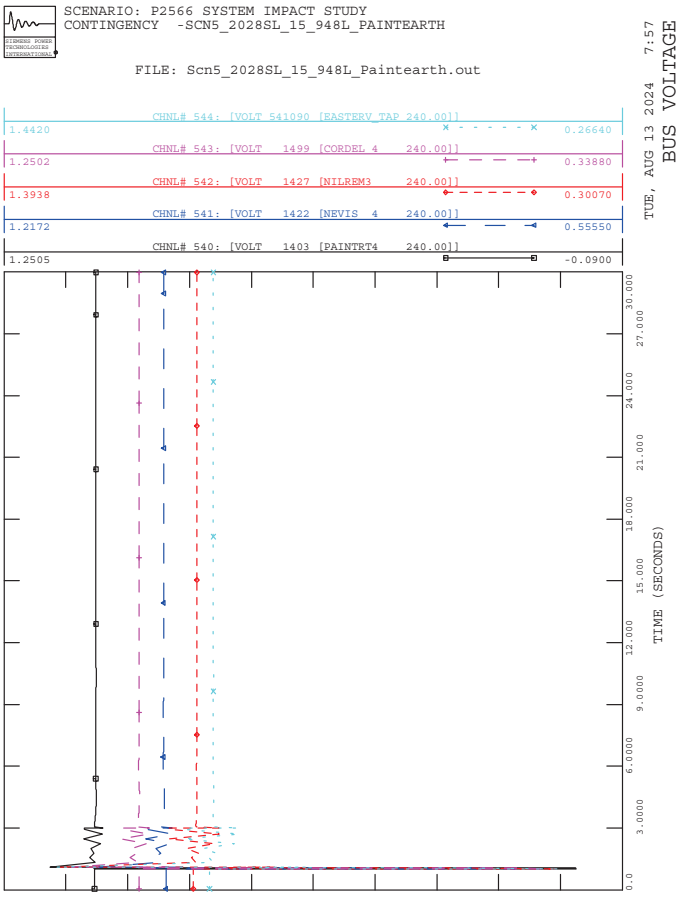
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1559 0.55640

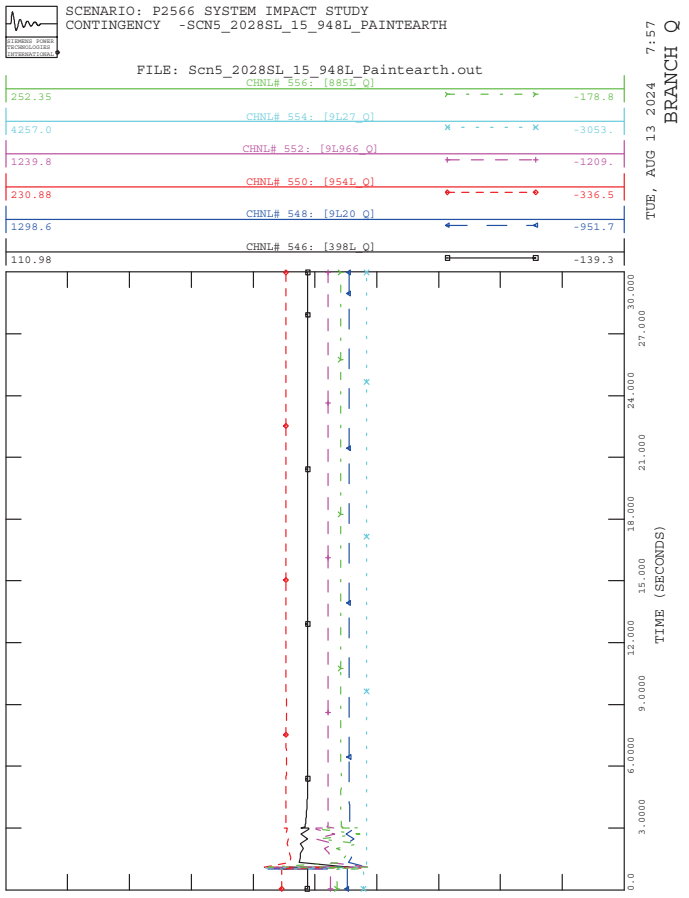
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
1.1306 0.63590

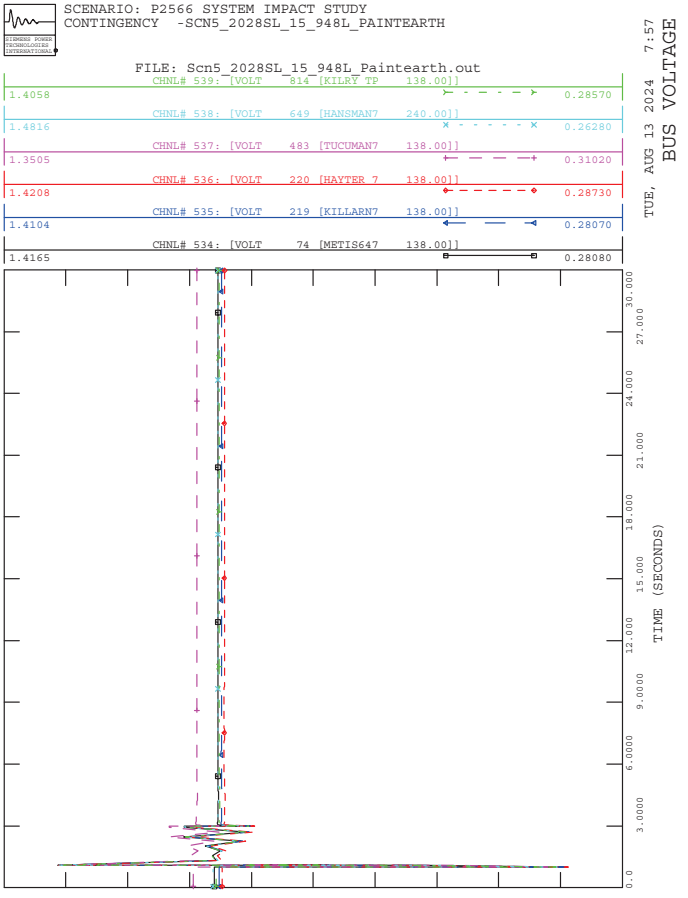
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1748 0.73430

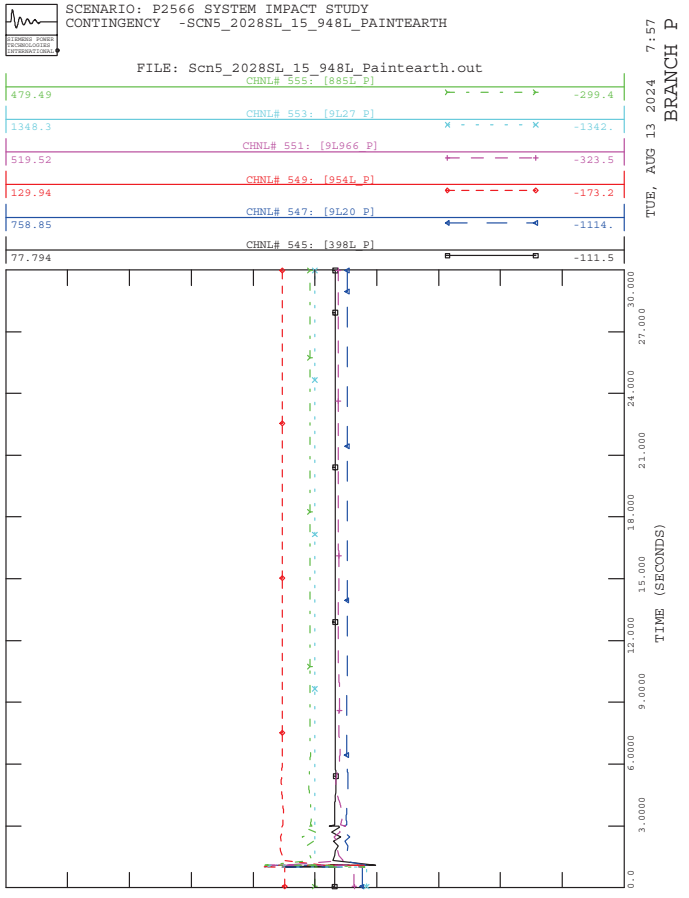
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1706 0.74440

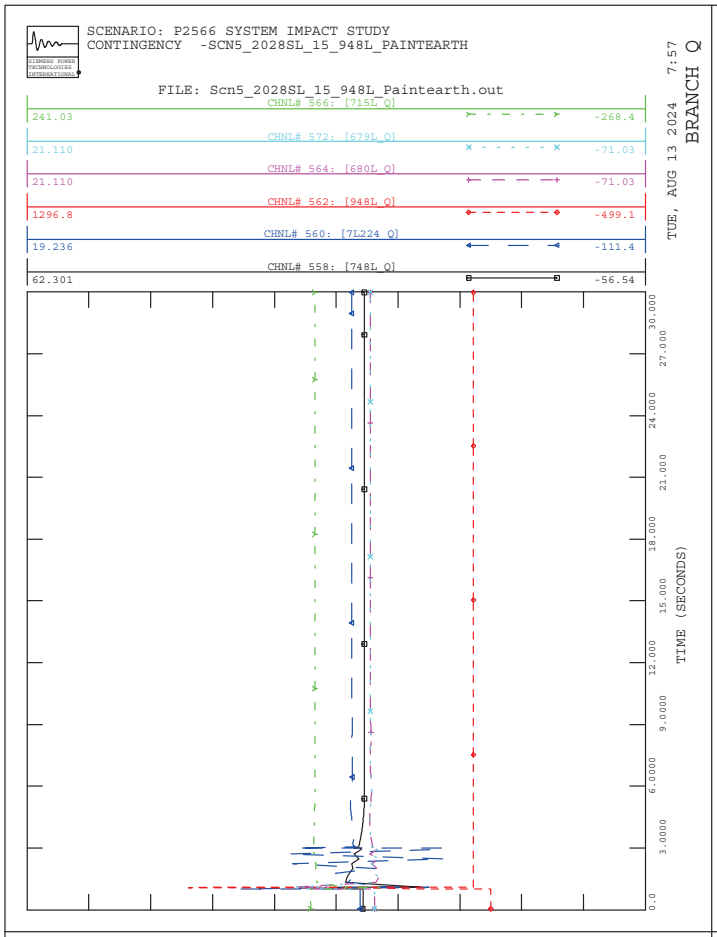


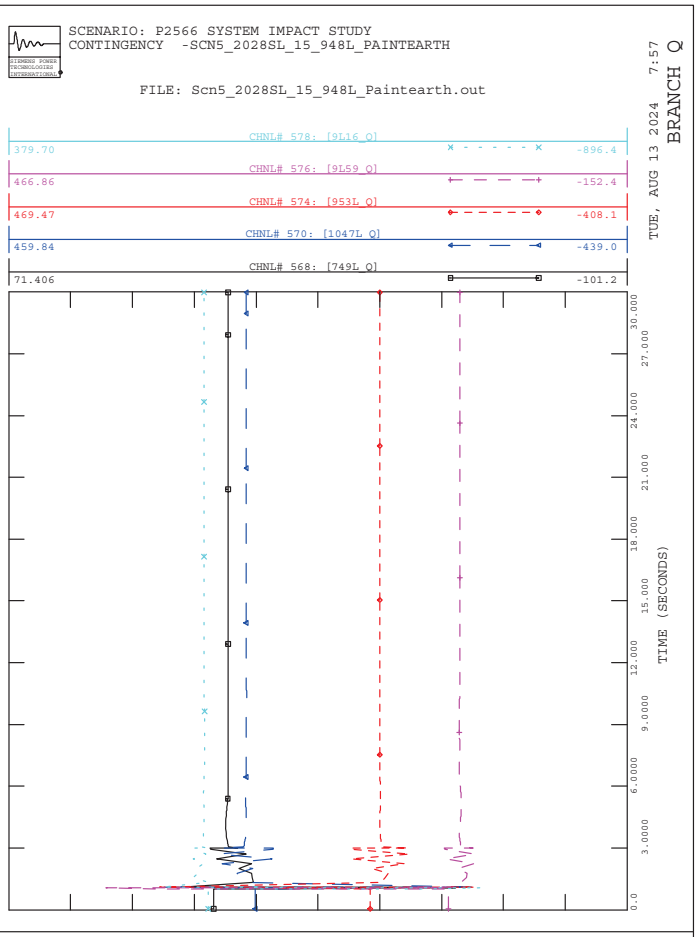

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_15_948L_PAINTEARTH
FILE: Scn5_2028SL_15_948L_Paintearth.out
CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.4420
0.26640
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2502
0.33880
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3938
0.30070
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2172
0.55550
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2505
-0.0900
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
BUS VOLTAGE

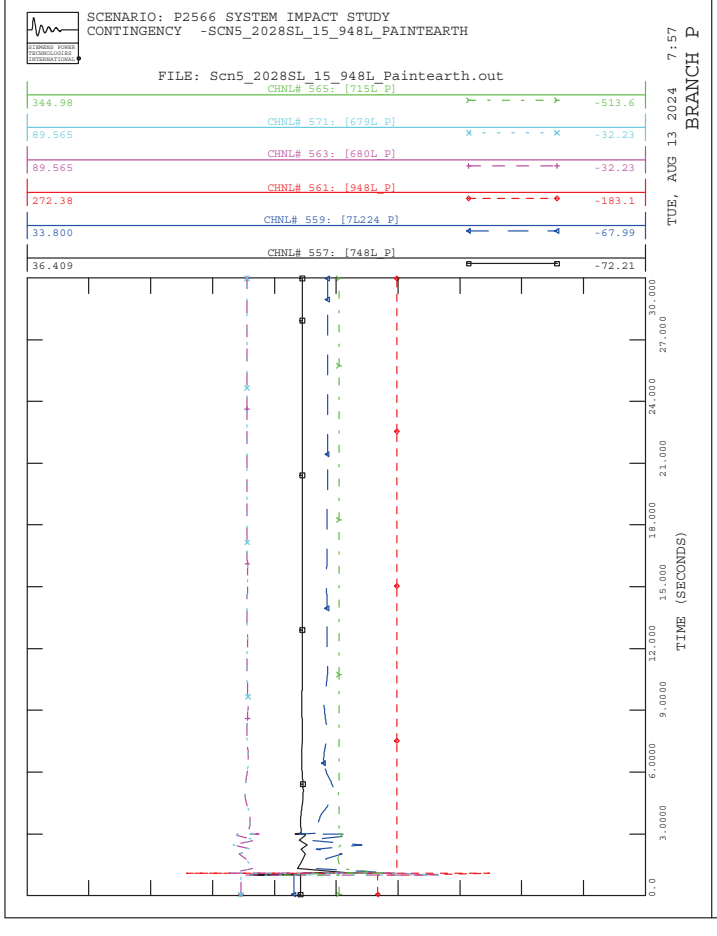

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_15_948L_PAINTEARTH
FILE: Scn5_2028SL_15_948L_Paintearth.out
CHNL# 556: [885L Q]
252.35
-178.8
CHNL# 554: [9L27 Q]
4257.0
-3053.
CHNL# 552: [9L966 Q]
1239.8
-1209.
CHNL# 550: [954L Q]
230.88
-336.5
CHNL# 548: [9L20 Q]
1298.6
-951.7
CHNL# 546: [398L Q]
110.98
-139.3
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
BRANCH Q

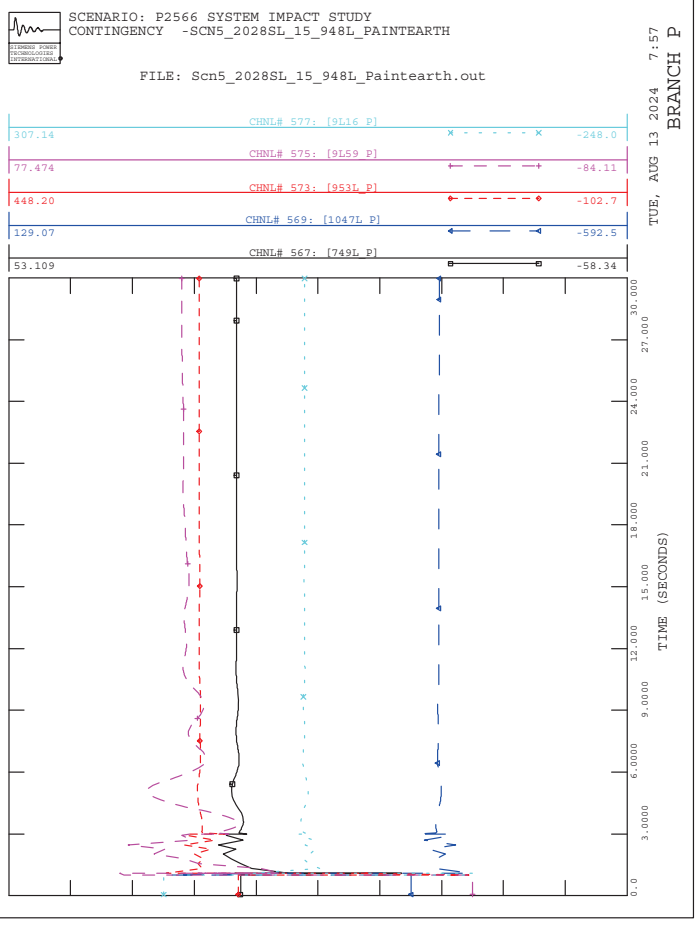

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_15_948L_PAINTEARTH
FILE: Scn5_2028SL_15_948L_Paintearth.out
CHNL# 539: [VOLT 814 [KILRV TP 138.00]]
1.4058
0.28570
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4816
0.26280
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3505
0.31020
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4208
0.28730
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4104
0.28070
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4165
0.28080
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
BUS VOLTAGE


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_15_948L_PAINTEARTH
FILE: Scn5_2028SL_15_948L_Paintearth.out
CHNL# 555: [885L P]
479.49
-299.4
CHNL# 553: [9L27 P]
1348.3
-1342.
CHNL# 551: [9L966 P]
519.52
-323.5
CHNL# 549: [954L P]
129.94
-173.2
CHNL# 547: [9L20 P]
758.85
-1114.
CHNL# 545: [398L P]
77.794
-111.5
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
BRANCH P


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_15_948L_PAINTEARTH
FILE: Scn5_2028SL_15_948L_Paintearth.out
CHNL# 566: [715L Q]
241.03
-268.4
CHNL# 572: [679L Q]
21.110
-71.03
CHNL# 564: [680L Q]
21.110
-71.03
CHNL# 562: [948L Q]
1296.8
-499.1
CHNL# 560: [7L224 Q]
19.236
-111.4
CHNL# 558: [748L Q]
62.301
-56.54
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_15_948L_PAINTEARTH
FILE: Scn5_2028SL_15_948L_Paintearth.out
CHNL# 578: [9L16 Q]
379.70
-896.4
CHNL# 576: [9L59 Q]
466.86
-152.4
CHNL# 574: [953L Q]
469.47
-408.1
CHNL# 570: [1047L Q]
459.84
-439.0
CHNL# 568: [749L Q]
71.406
-101.2
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_15_948L_PAINTEARTH
FILE: Scn5_2028SL_15_948L_Paintearth.out
CHNL# 565: [715L P]
344.98
-513.6
CHNL# 571: [679L P]
89.565
-32.23
CHNL# 563: [680L P]
89.565
-32.23
CHNL# 561: [948L P]
272.38
-183.1
CHNL# 559: [7L224 P]
33.800
-67.99
CHNL# 557: [748L P]
36.409
-72.21
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_15_948L_PAINTEARTH
FILE: Scn5_2028SL_15_948L_Paintearth.out
CHNL# 577: [9L16 P]
307.14
-248.0
CHNL# 575: [9L59 P]
77.474
-84.11
CHNL# 573: [953L P]
448.20
-102.7
CHNL# 569: [1047L P]
129.07
-592.5
CHNL# 567: [749L P]
53.109
-58.34
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_16_715L_HANSMANLAKE

FILE: Scn5_2028SL_16_715L_HansmanLake.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.3509 -0.1087

CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.3472 -0.1026

CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.7498 0.34580

CHNL# 190: [POWR 1496[BAT #4 16.000]4]
1.0055 -0.1773

CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
2.0999 0.93600

CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
2.0838 0.83170

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_16_715L_HANSMANLAKE

FILE: Scn5_2028SL_16_715L_HansmanLake.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.81120 -1.037

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
0.99980 -1.077

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
4.0601 -3.149

CHNL# 277: [VARS 1496[BAT #4 16.000]4]
2.3425 -2.152

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
2.7525 -1.610

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
2.9679 -1.894

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TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_16_715L_HANSMANLAKE

FILE: Scn5_2028SL_16_715L_HansmanLake.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
40.358 -71.14

CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
34.278 -76.96

CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
49.542 -61.22

CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
44.809 -65.50

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_16_715L_HANSMANLAKE

FILE: Scn5_2028SL_16_715L_HansmanLake.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.3508 -0.1082

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.3509 -0.1087

CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.3472 -0.1026

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_16_715L_HANSMANLAKE

FILE: Scn5_2028SL_16_715L_HansmanLake.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5387 0.21500

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5323 0.22180

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2352 0.74930

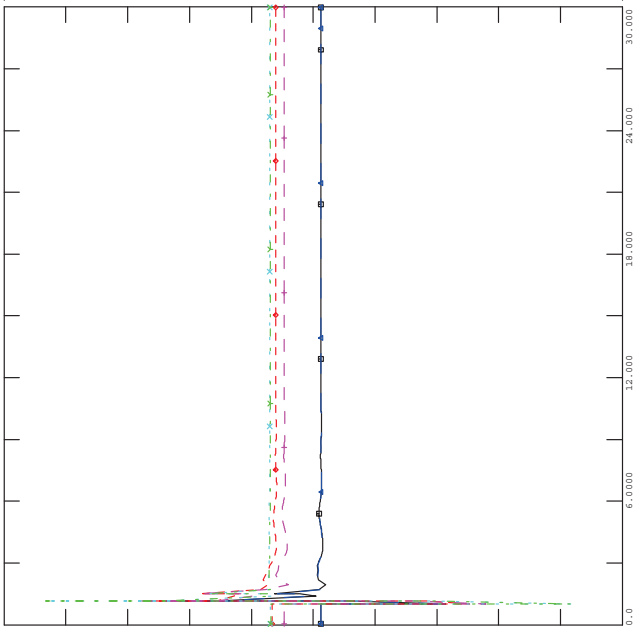
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
1.1891 0.76480

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2254 0.78580

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.2181 0.79270

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_16_715L_HANSMANLAKE

FILE: Scn5_2028SL_16_715L_HansmanLake.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.3188 -0.0480

CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5745 0.22100

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4359 0.35260

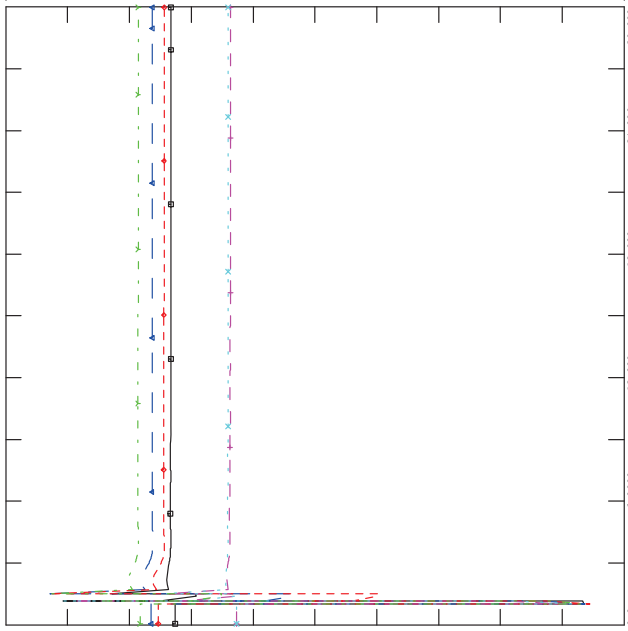
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.3743 -0.0572

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.3479 -0.0563

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4544 -0.0904

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_16_715L_HANSMANLAKE

FILE: Scn5_2028SL_16_715L_HansmanLake.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

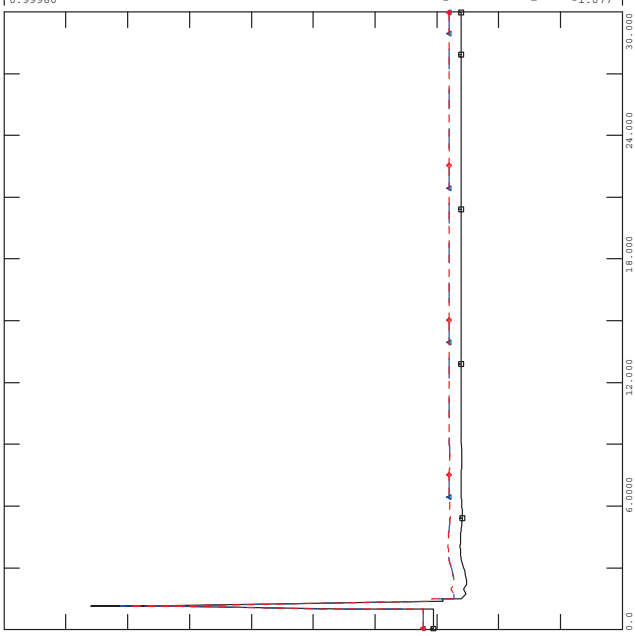
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
0.81190 -1.037

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.81120 -1.037

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
0.99980 -1.077

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_16_715L_HANSMANLAKE

FILE: Scn5_2028SL_16_715L_HansmanLake.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

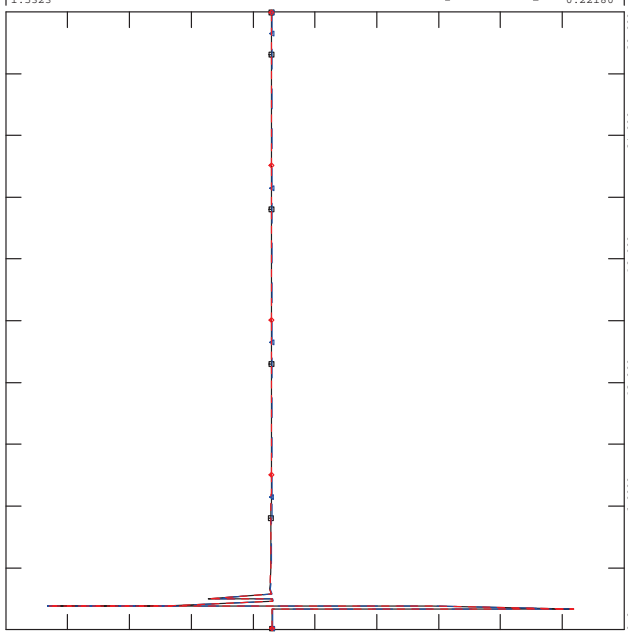
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.5387 0.21530

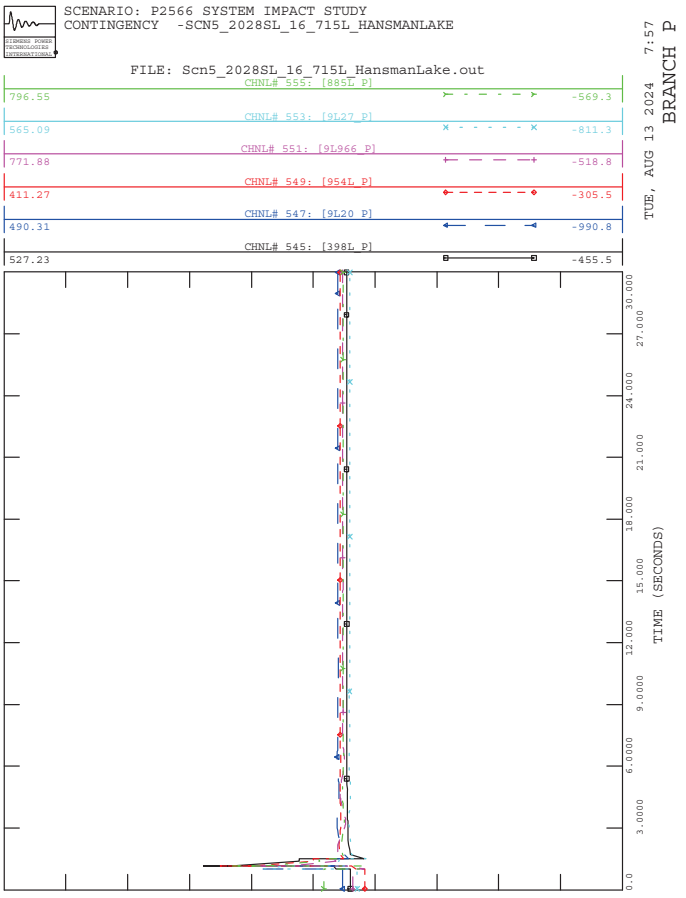
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5387 0.21500

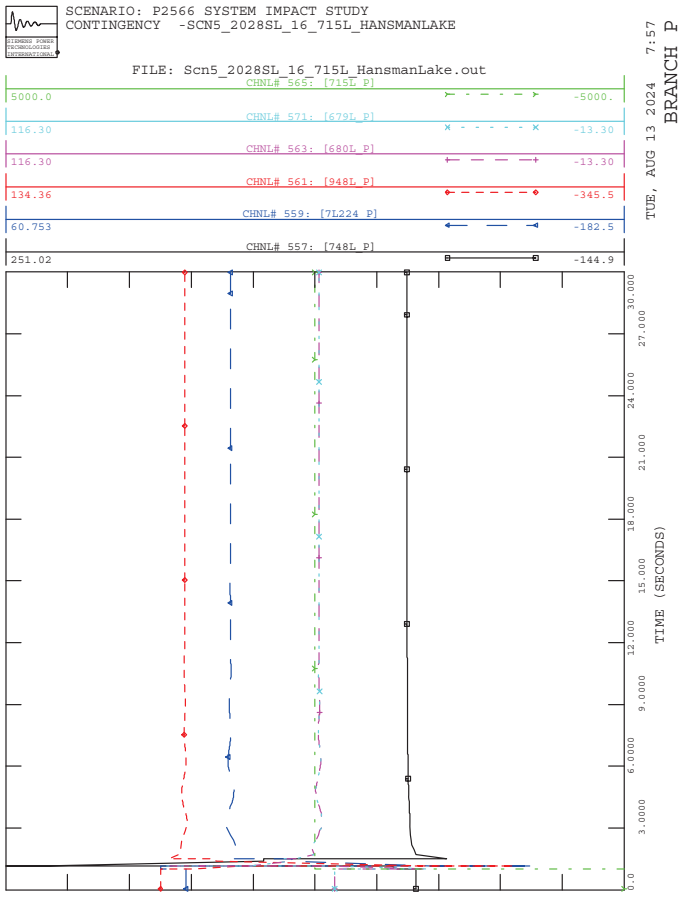
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5323 0.22180

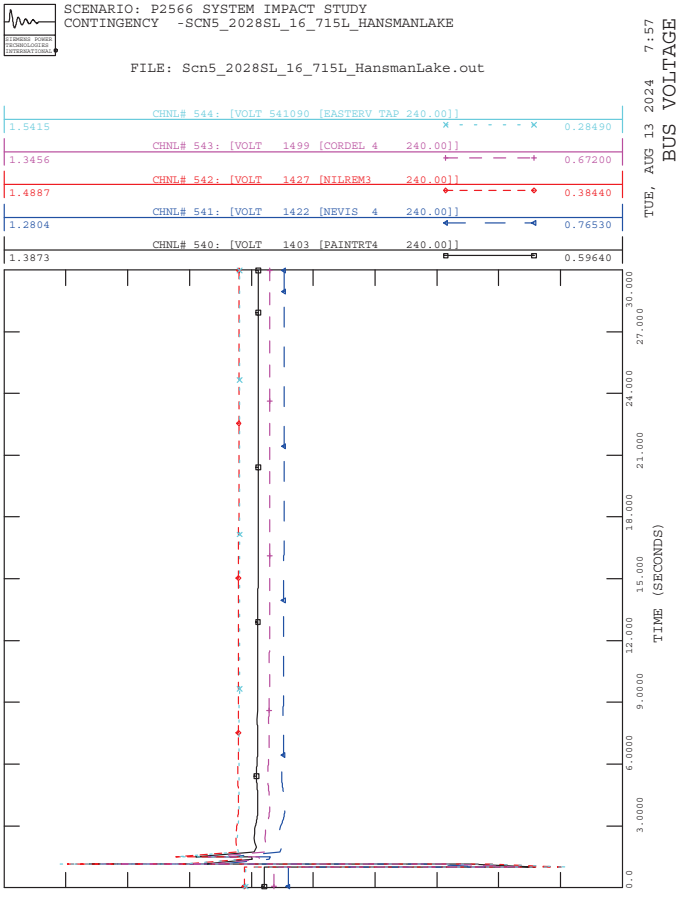
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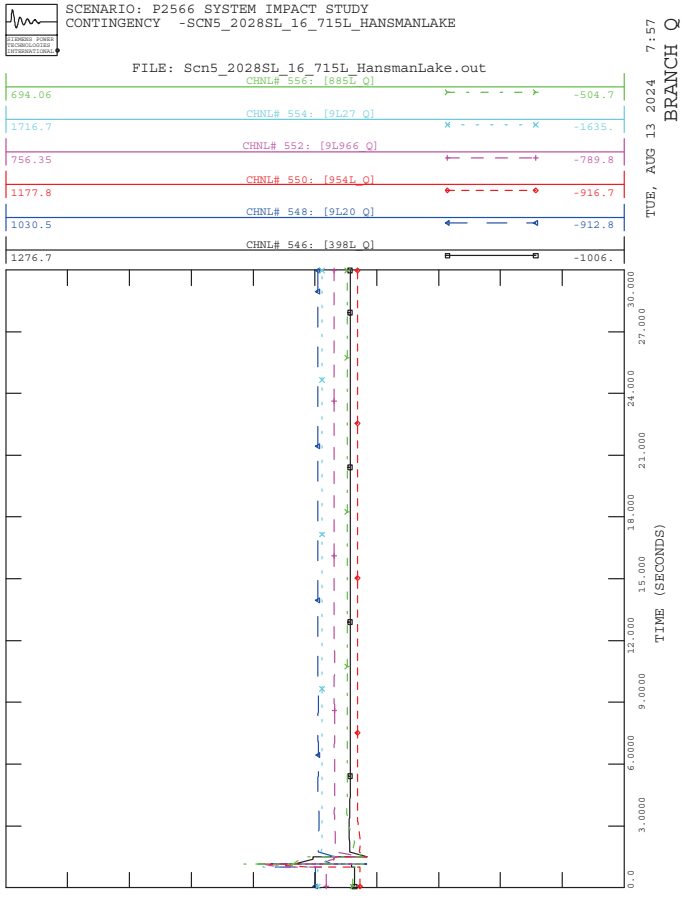
TIME (SECONDS)




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_16_715L_HANSMANLAKE
FILE: Scn5_2028SL_16_715L_HansmanLake.out
CHNL# 555: [885L P]
796.55
-569.3
CHNL# 553: [9L27 P]
565.09
-811.3
CHNL# 551: [9L966 P]
771.88
-518.8
CHNL# 549: [954L P]
411.27
-305.5
CHNL# 547: [9L20 P]
490.31
-990.8
CHNL# 545: [398L P]
527.23
-455.5
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_16_715L_HANSMANLAKE
FILE: Scn5_2028SL_16_715L_HansmanLake.out
CHNL# 565: [715L P]
5000.0
-5000.
CHNL# 571: [679L P]
116.30
-13.30
CHNL# 563: [680L P]
116.30
-13.30
CHNL# 561: [948L P]
134.36
-345.5
CHNL# 559: [7L224 P]
60.753
-182.5
CHNL# 557: [748L P]
251.02
-144.9
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_16_715L_HANSMANLAKE
FILE: Scn5_2028SL_16_715L_HansmanLake.out
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.5415
0.28490
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3456
0.67200
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4887
0.38440
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2804
0.76530
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3873
0.59640
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_16_715L_HANSMANLAKE
FILE: Scn5_2028SL_16_715L_HansmanLake.out
CHNL# 556: [885L Q]
694.06
-504.7
CHNL# 554: [9L27 Q]
1716.7
-1635.
CHNL# 552: [9L966 Q]
756.35
-789.8
CHNL# 550: [954L Q]
1177.8
-916.7
CHNL# 548: [9L20 Q]
1030.5
-912.8
CHNL# 546: [398L Q]
1276.7
-1006.
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_16_715L_HANSMANLAKE

FILE: Scn5_2028SL_16_715L_HansmanLake.out

BRANCH P

TUE, AUG 13 2024 7:57

CHNL# 577: [9L16_P] 302.62 -234.5
CHNL# 575: [9L59_P] 72.460 -89.17
CHNL# 573: [953L_P] 403.23 -155.4
CHNL# 569: [1047L_P] 128.91 -540.8
CHNL# 567: [749L_P] 399.10 -178.0

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_17_715L_PROVOST

FILE: Scn5_2028SL_17_715L_Provost.out

ROTOR ANGLE

TUE, AUG 13 2024 7:57

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5] 40.756 -71.28
CHNL# 16: [ANGL 1496[BAT #4 16.000]4] 34.845 -79.98
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2] 50.574 -60.41
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1] 45.789 -64.62

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_16_715L_HANSMANLAKE

FILE: Scn5_2028SL_16_715L_HansmanLake.out

BRANCH Q

TUE, AUG 13 2024 7:57

CHNL# 566: [715L Q] 2744.8 -1961.
CHNL# 572: [679L Q] 71.875 -76.69
CHNL# 564: [680L Q] 71.875 -76.69
CHNL# 562: [948L Q] 52.183 -357.0
CHNL# 560: [7L224 Q] 49.756 -149.6
CHNL# 558: [748L Q] 645.41 -272.3

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_16_715L_HANSMANLAKE

FILE: Scn5_2028SL_16_715L_HansmanLake.out

BRANCH Q

TUE, AUG 13 2024 7:57

CHNL# 578: [9L16 Q] 445.60 -644.9
CHNL# 576: [9L59 Q] 145.60 -46.51
CHNL# 574: [953L Q] 566.18 -552.6
CHNL# 570: [1047L Q] 479.13 -526.9
CHNL# 568: [749L Q] 438.04 -230.5

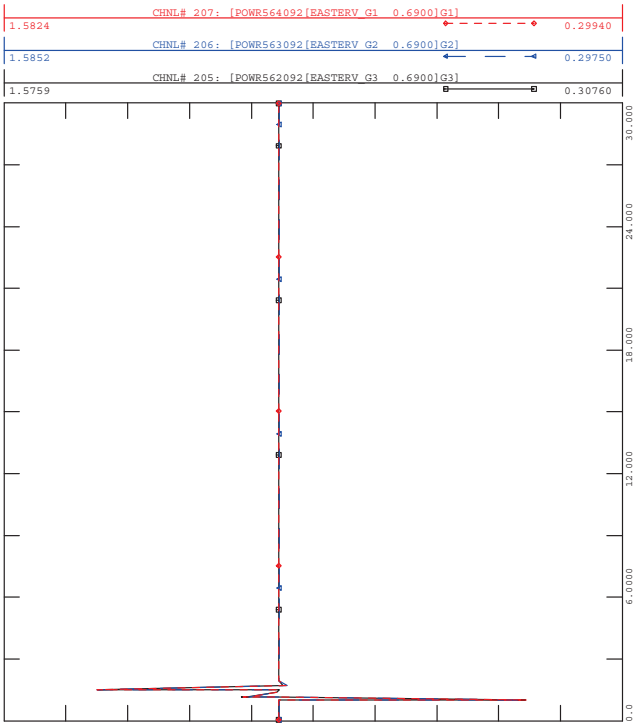
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_17_715L_PROVOST

FILE: Scn5_2028SL_17_715L_Provost.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

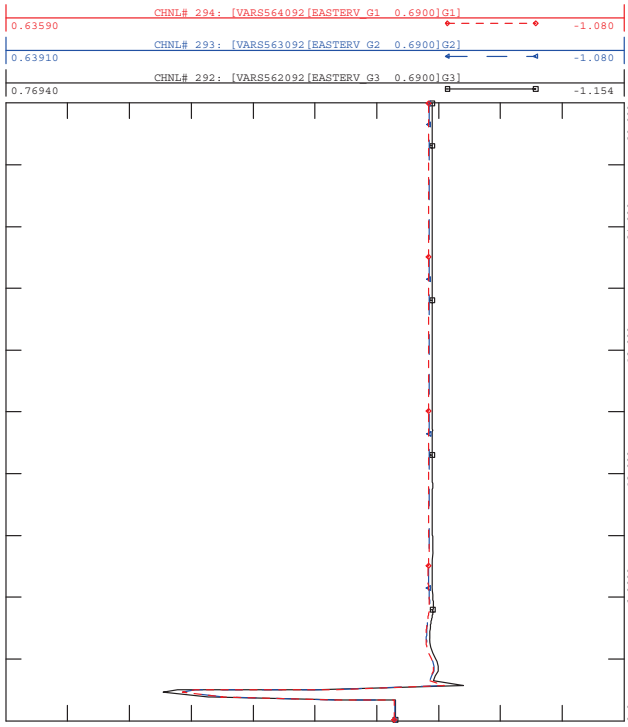


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_17_715L_PROVOST

FILE: Scn5_2028SL_17_715L_Provost.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

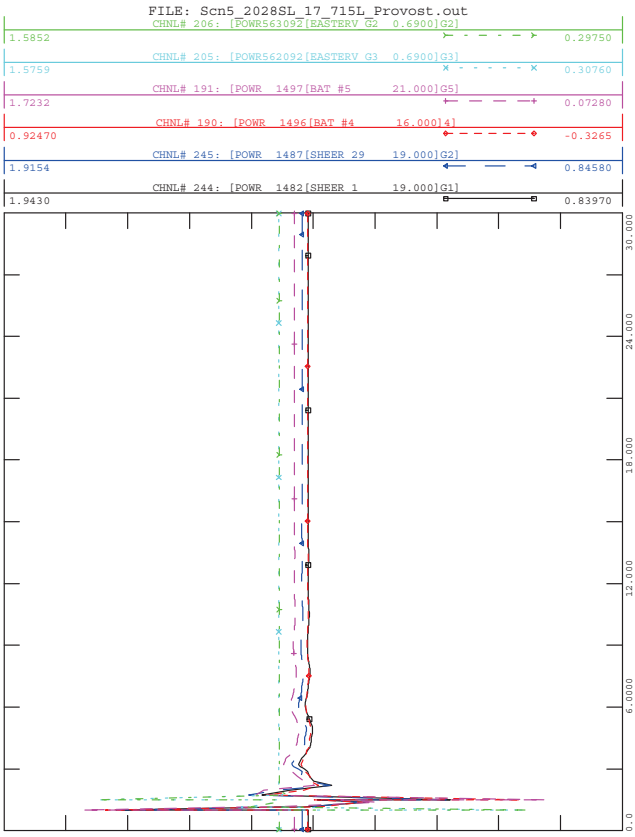


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_17_715L_PROVOST

FILE: Scn5_2028SL_17_715L_Provost.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

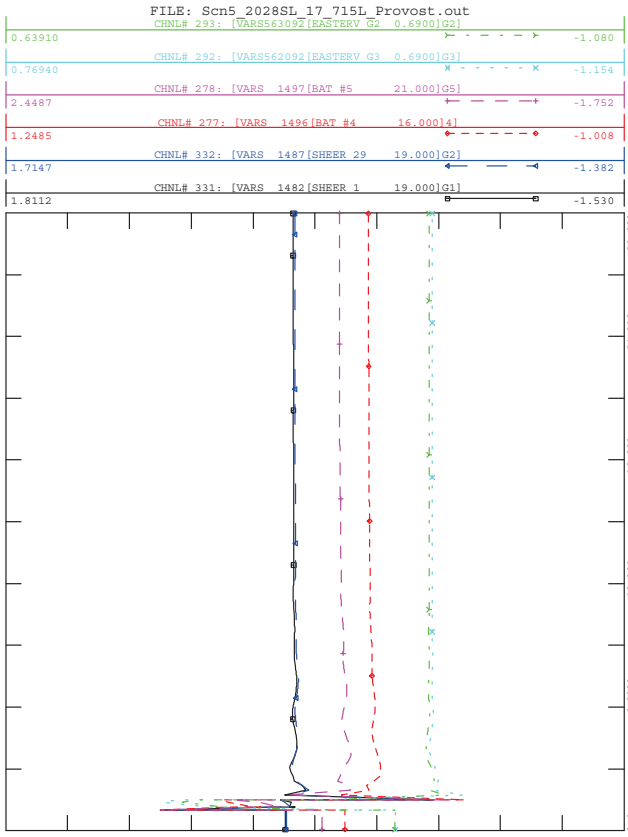


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_17_715L_PROVOST

FILE: Scn5_2028SL_17_715L_Provost.out

TUE, AUG 13 2024 7:57

REACTIVE POWER



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_17_715L_PROVOST

FILE: Scn5_2028SL_17_715L_Provost.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

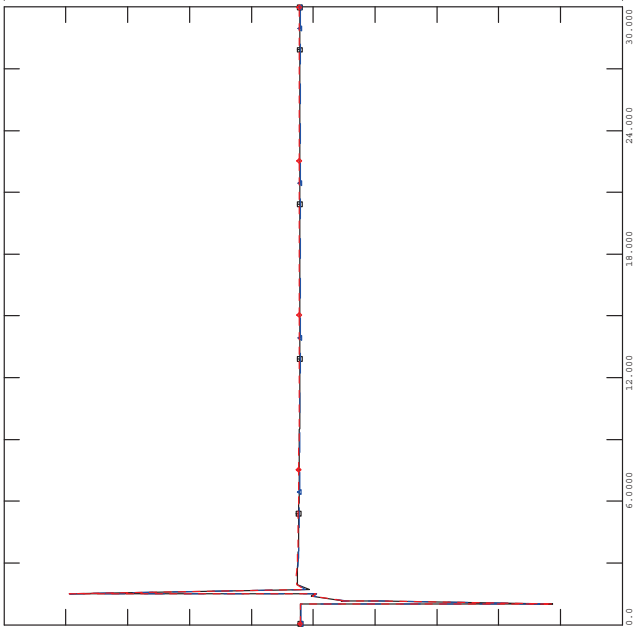
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.3944 0.50660

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3945 0.50560

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3900 0.51080

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_17_715L_PROVOST

FILE: Scn5_2028SL_17_715L_Provost.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.4478 0.58390

CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2916 0.80740

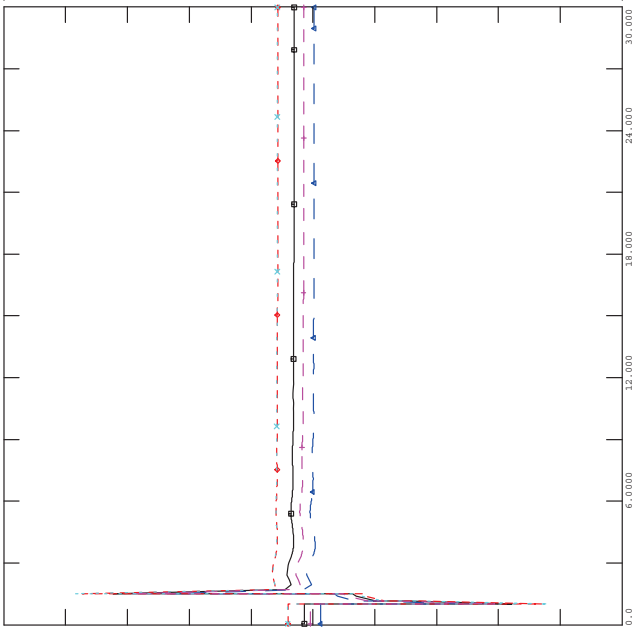
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4110 0.64540

CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2401 0.85660

CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3268 0.76620

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_17_715L_PROVOST

FILE: Scn5_2028SL_17_715L_Provost.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563097[EASTERV G2 0.6900]G2]
1.3945 0.50560

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3900 0.51080

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2083 0.82900

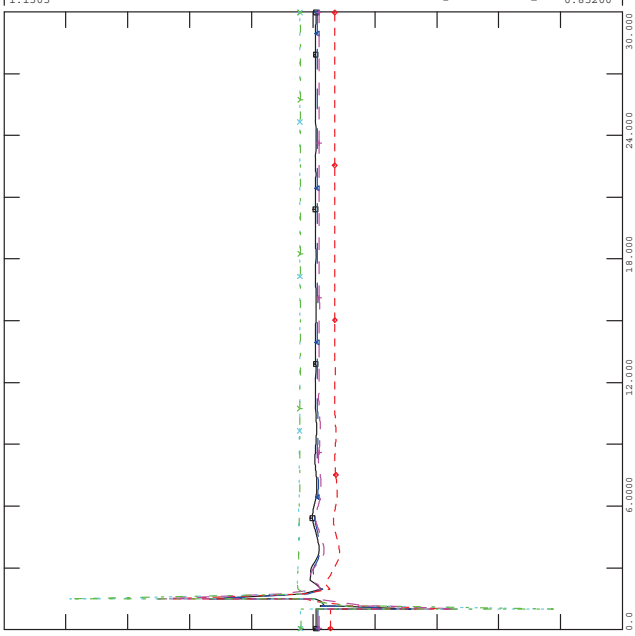
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
1.1983 0.83200

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1554 0.84900

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1505 0.85200

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_17_715L_PROVOST

FILE: Scn5_2028SL_17_715L_Provost.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4195 0.28100

CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4899 0.55520

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3705 0.61600

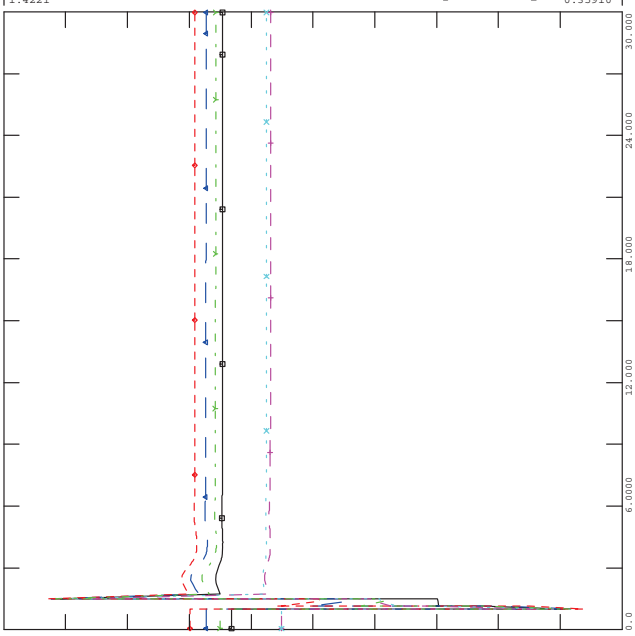
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4299 0.07490

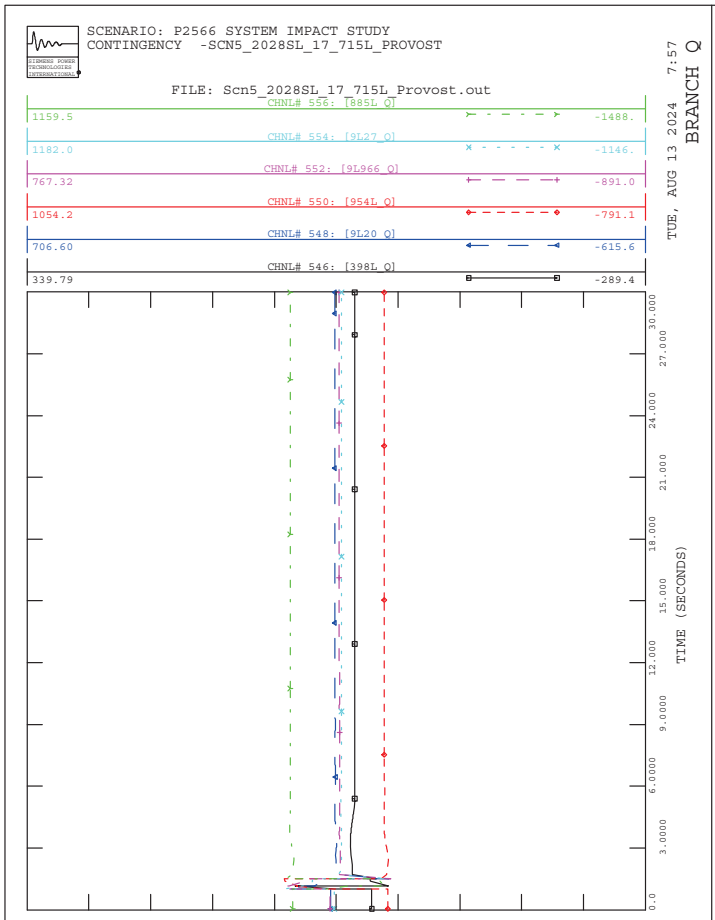
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4247 0.18020

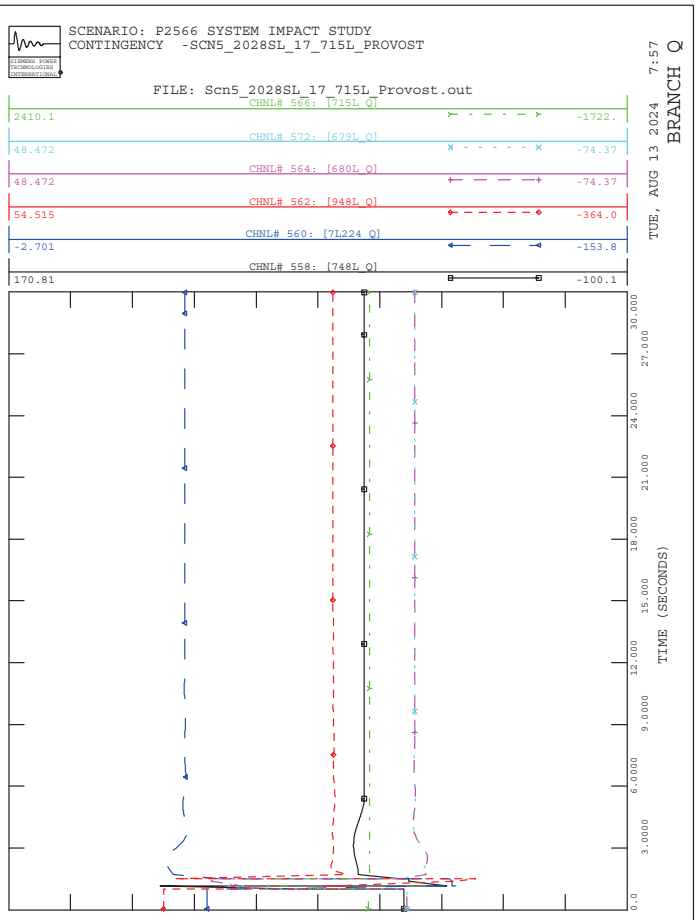
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4221 0.35910

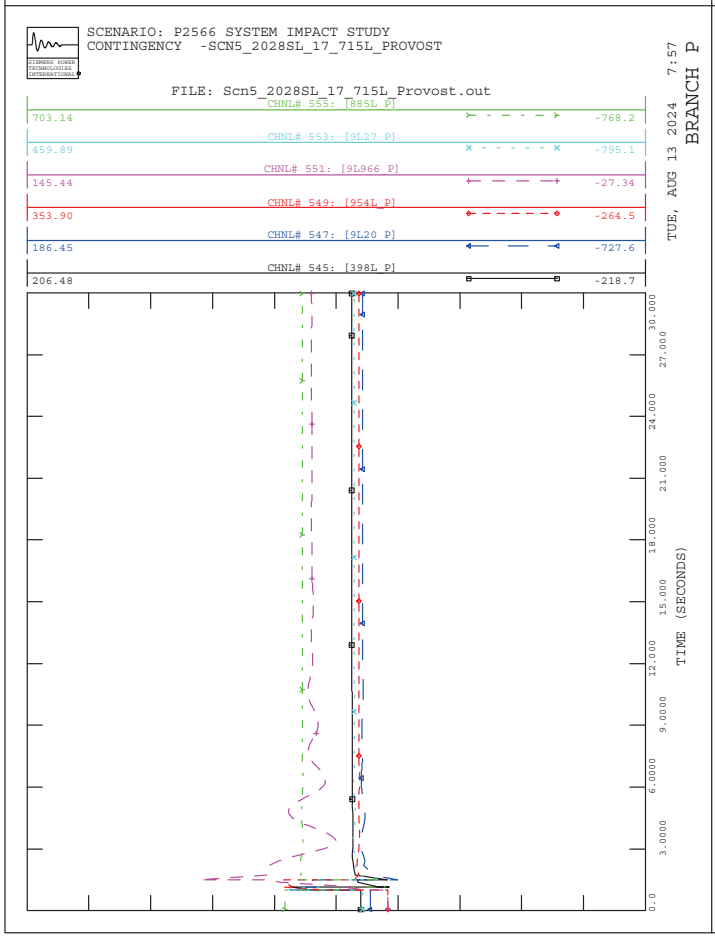
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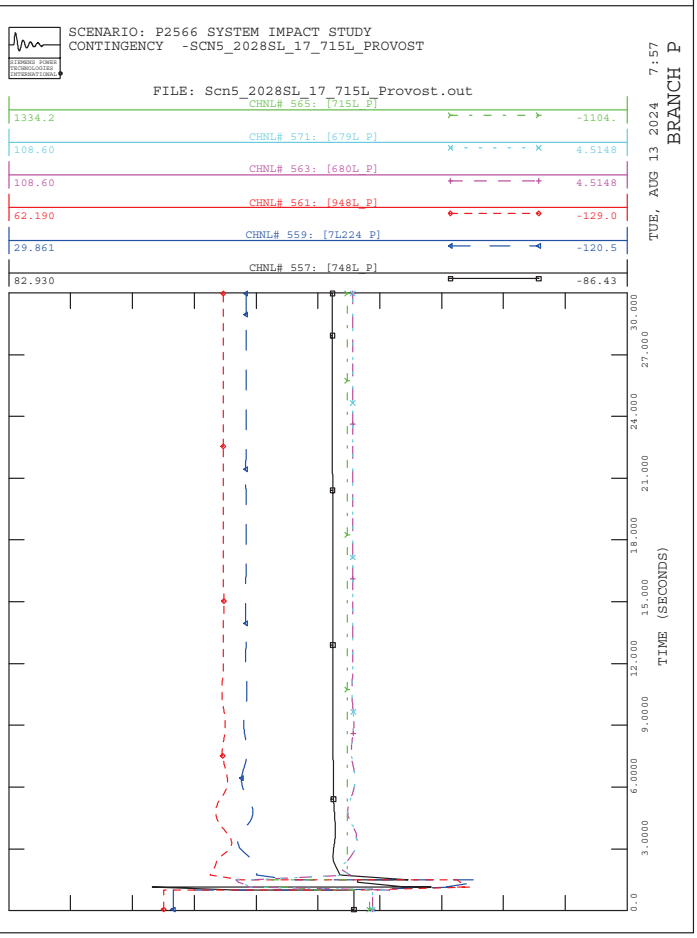
TIME (SECONDS)

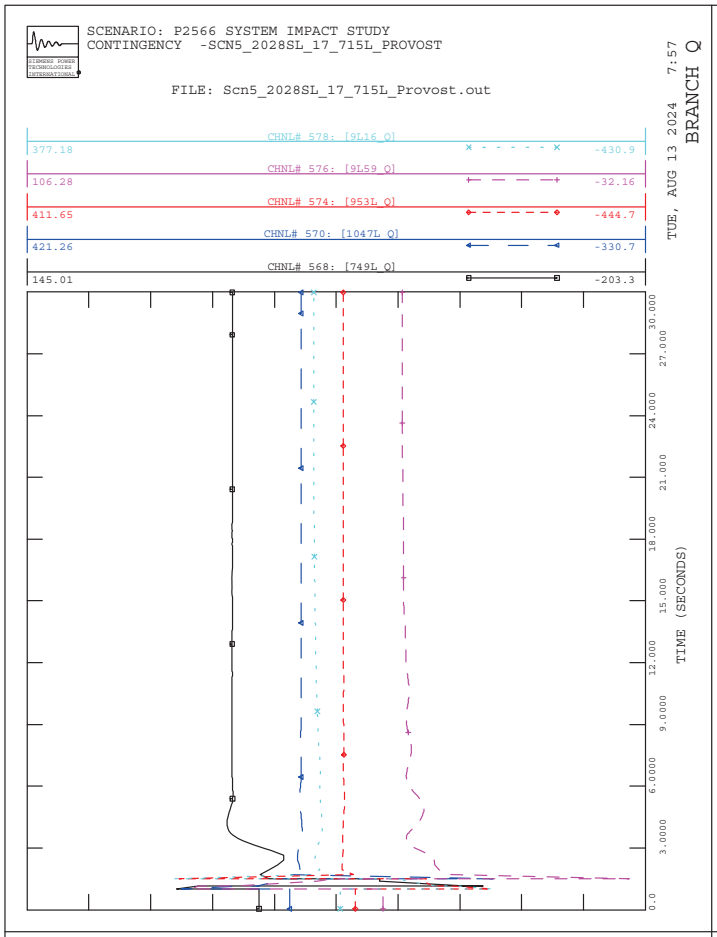


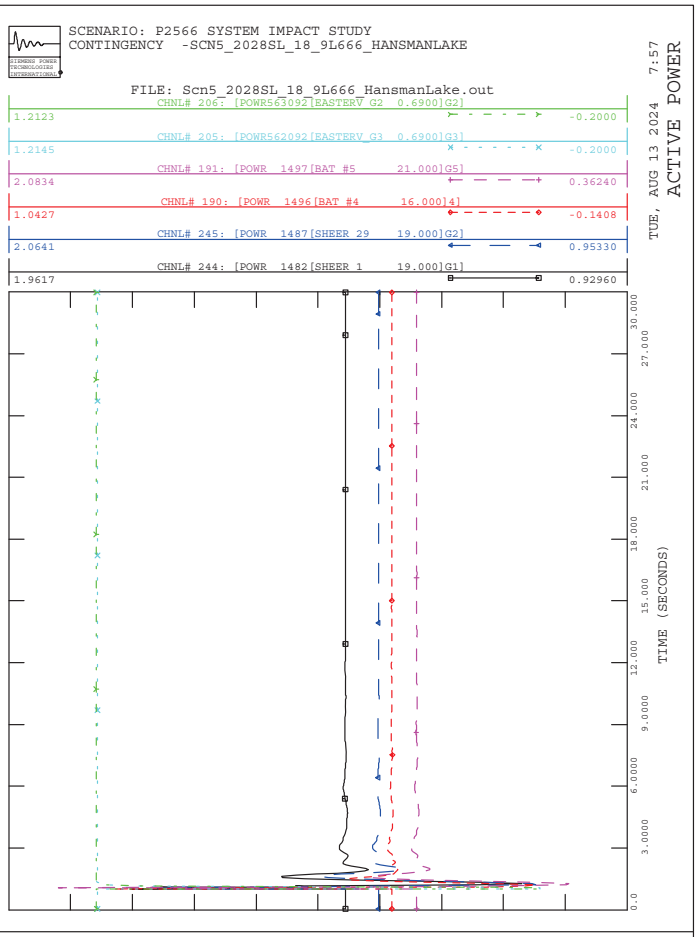

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_17_715L_PROVOST
FILE: Scn5_2028SL_17_715L_Provost.out
CHNL# 556: [885L Q]
1159.5
-1488.
CHNL# 554: [9L27 Q]
1182.0
-1146.
CHNL# 552: [9L966 Q]
767.32
-891.0
CHNL# 550: [954L Q]
1054.2
-791.1
CHNL# 548: [9L20 Q]
706.60
-615.6
CHNL# 546: [398L Q]
339.79
-289.4
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
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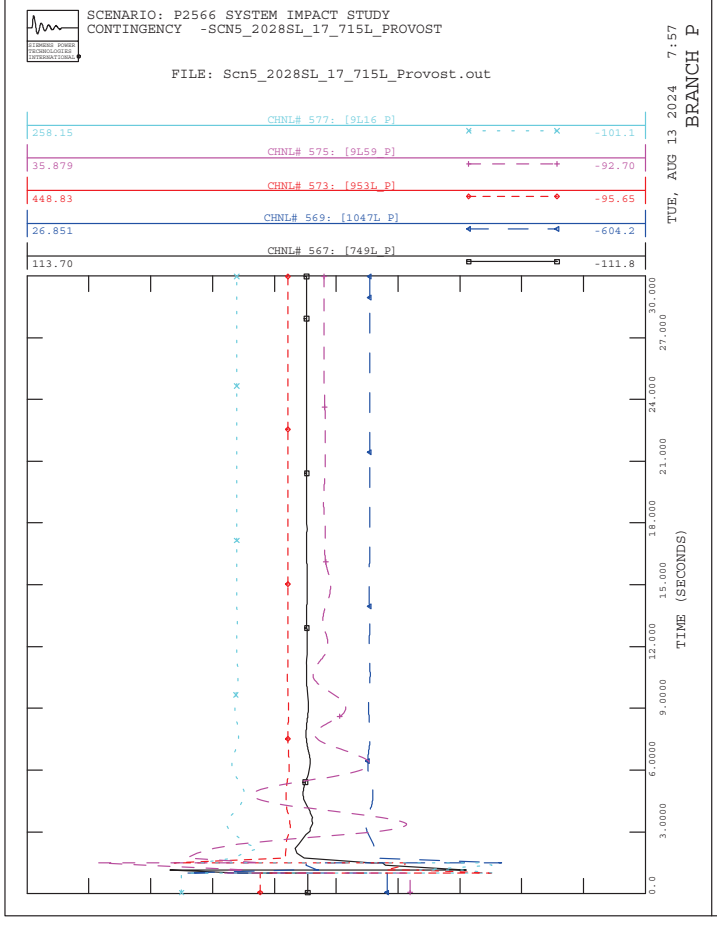

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_17_715L_PROVOST
FILE: Scn5_2028SL_17_715L_Provost.out
CHNL# 566: [715L Q]
2410.1
-1722.
CHNL# 572: [679L Q]
48.472
-74.37
CHNL# 564: [680L Q]
48.472
-74.37
CHNL# 562: [948L Q]
54.515
-364.0
CHNL# 560: [7L224 Q]
-2.701
-153.8
CHNL# 558: [748L Q]
170.81
-100.1
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
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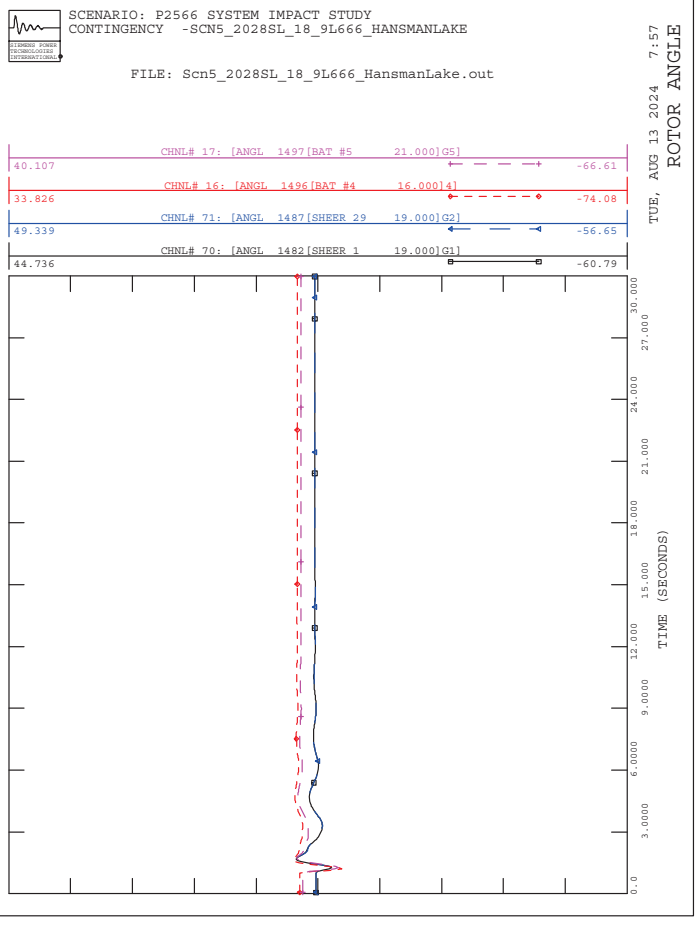

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_17_715L_PROVOST
FILE: Scn5_2028SL_17_715L_Provost.out
CHNL# 555: [885L P]
703.14
-768.2
CHNL# 553: [9L27 P]
459.89
-795.1
CHNL# 551: [9L966 P]
145.44
-27.34
CHNL# 549: [954L P]
353.90
-264.5
CHNL# 547: [9L20 P]
186.45
-727.6
CHNL# 545: [398L P]
206.48
-218.7
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
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3.0000
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SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_17_715L_PROVOST
FILE: Scn5_2028SL_17_715L_Provost.out
CHNL# 565: [715L P]
1334.2
-1104.
CHNL# 571: [679L P]
108.60
4.5148
CHNL# 563: [680L P]
108.60
4.5148
CHNL# 561: [948L P]
62.190
-129.0
CHNL# 559: [7L224 P]
29.861
-120.5
CHNL# 557: [748L P]
82.930
-86.43
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
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SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_17_715L_PROVOST
FILE: Scn5_2028SL_17_715L_Provost.out
TUE, AUG 13 2024 7:57
BRANCH Q
CHNL# 578: [9L16_Q]
377.18
-430.9
CHNL# 576: [9L59_Q]
106.28
-32.16
CHNL# 574: [953L_Q]
411.65
-444.7
CHNL# 570: [1047L_Q]
421.26
-330.7
CHNL# 568: [749L_Q]
145.01
-203.3
TIME (SECONDS)
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3.0000
6.0000
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18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_18_9L666_HANSMANLAKE
FILE: Scn5_2028SL_18_9L666_HansmanLake.out
TUE, AUG 13 2024 7:57
ACTIVE POWER
CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2]
1.2123
-0.2000
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3]
1.2145
-0.2000
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
2.0834
0.36240
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
1.0427
-0.1408
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
2.0641
0.95330
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
1.9617
0.92960
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_17_715L_PROVOST
FILE: Scn5_2028SL_17_715L_Provost.out
TUE, AUG 13 2024 7:57
BRANCH P
CHNL# 577: [9L16_P]
258.15
-101.1
CHNL# 575: [9L59_P]
35.879
-92.70
CHNL# 573: [953L_P]
448.83
-95.65
CHNL# 569: [1047L_P]
26.851
-604.2
CHNL# 567: [749L_P]
113.70
-111.8
TIME (SECONDS)
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3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_18_9L666_HANSMANLAKE
FILE: Scn5_2028SL_18_9L666_HansmanLake.out
TUE, AUG 13 2024 7:57
ROTOR ANGLE
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
40.107
-66.61
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
33.826
-74.08
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
49.339
-56.65
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
44.736
-60.79
TIME (SECONDS)
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9.0000
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15.000
18.000
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SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_18_9L666_HANSMANLAKE

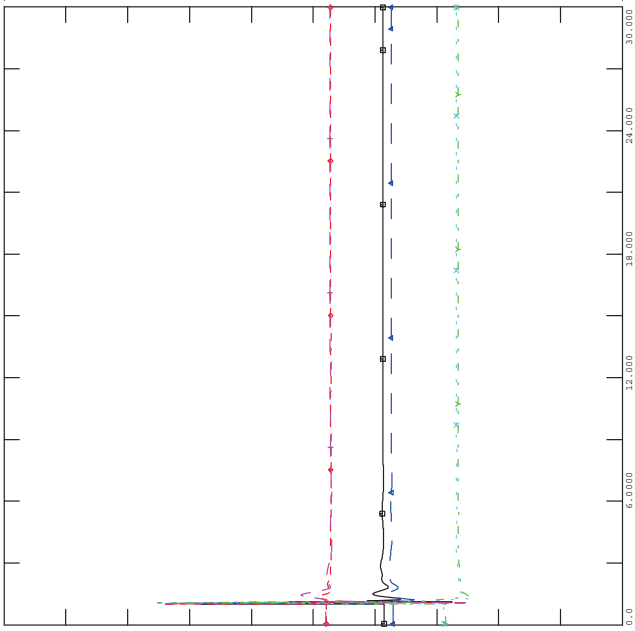
FILE: Scn5_2028SL_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.5254 -1.230
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.9596 -1.416
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
5.0497 -4.078
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
2.9018 -2.642
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
3.2897 -1.450
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
3.5624 -1.744

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_18_9L666_HANSMANLAKE

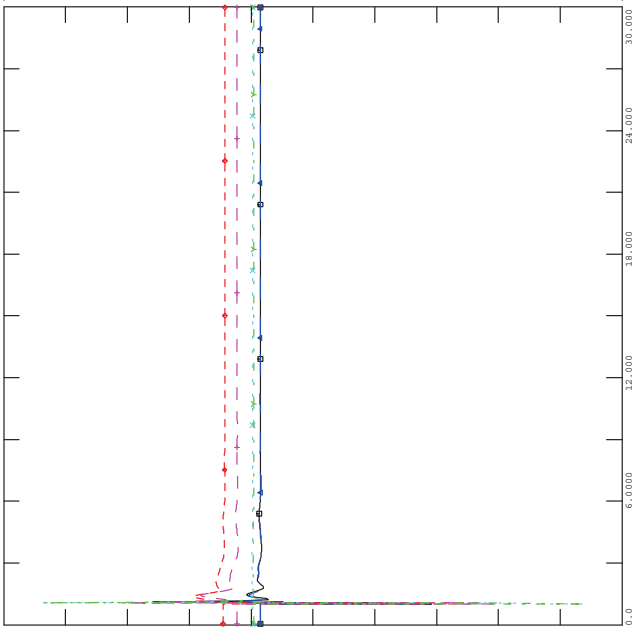
FILE: Scn5_2028SL_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.6466 -0.0318
CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.6366 -0.0225
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2117 0.69000
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
1.1635 0.71690
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1838 0.74040
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1771 0.75020

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_18_9L666_HANSMANLAKE

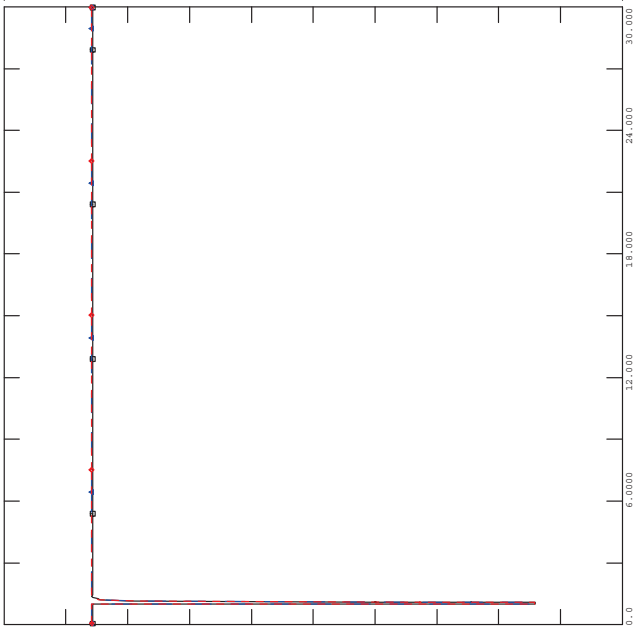
FILE: Scn5_2028SL_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2123 -0.2000
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2123 -0.2000
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2145 -0.2000

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_18_9L666_HANSMANLAKE

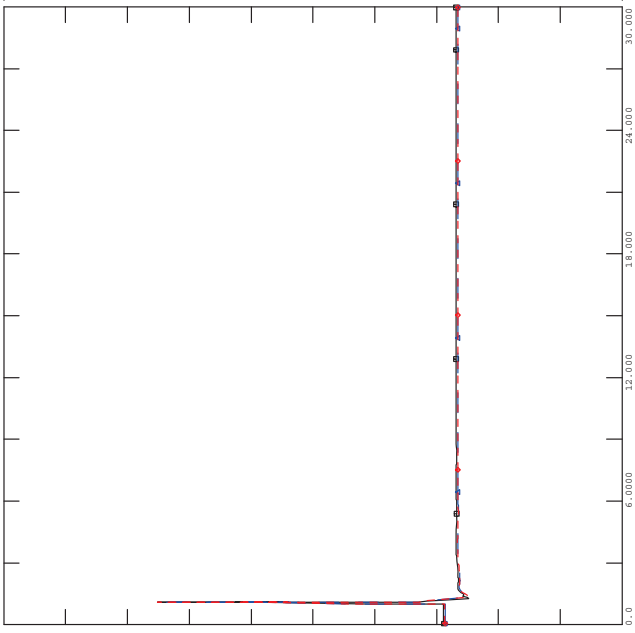
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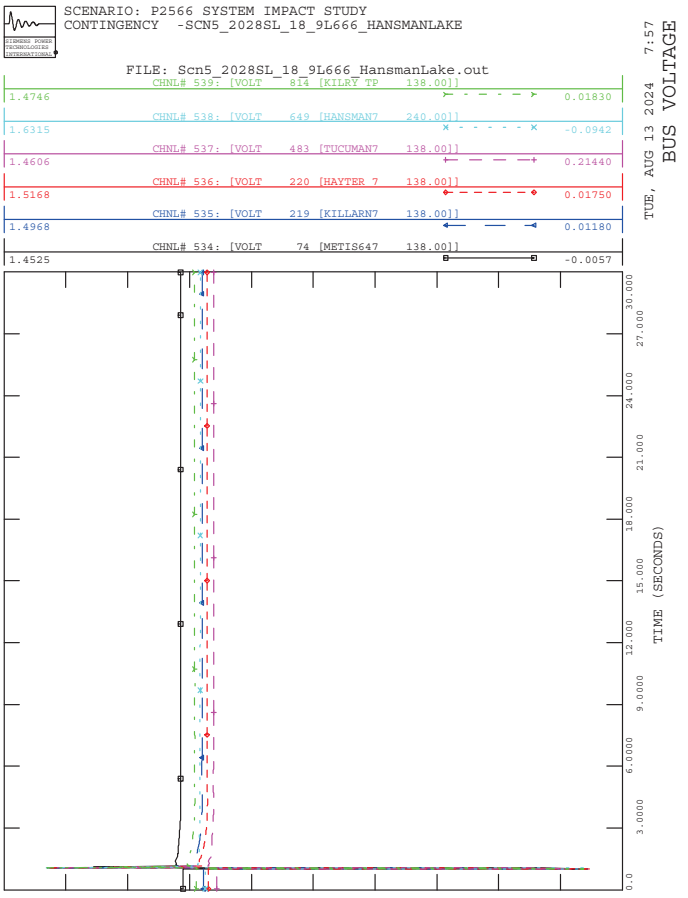
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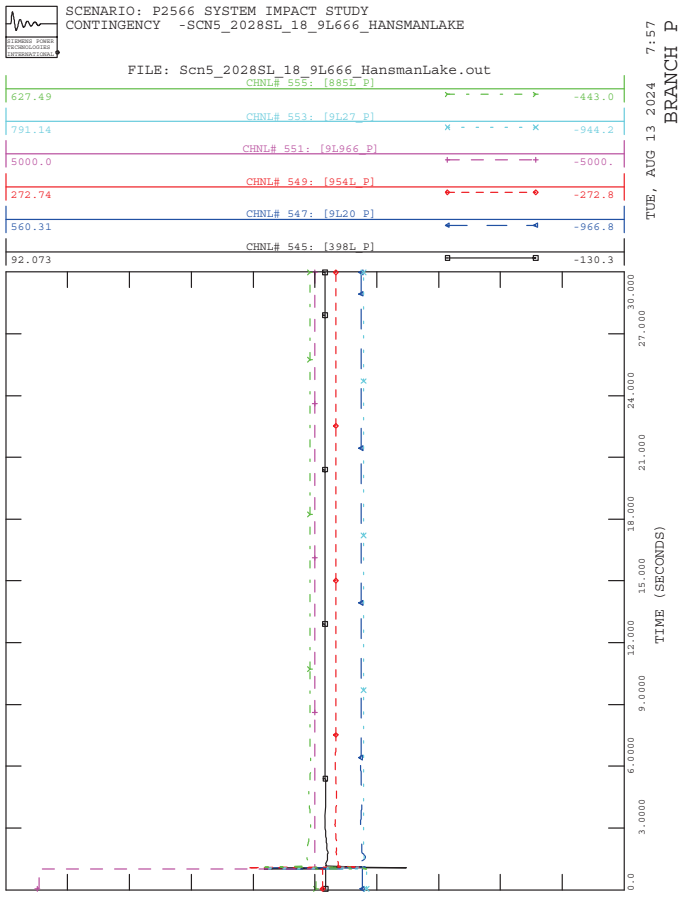
REACTIVE POWER

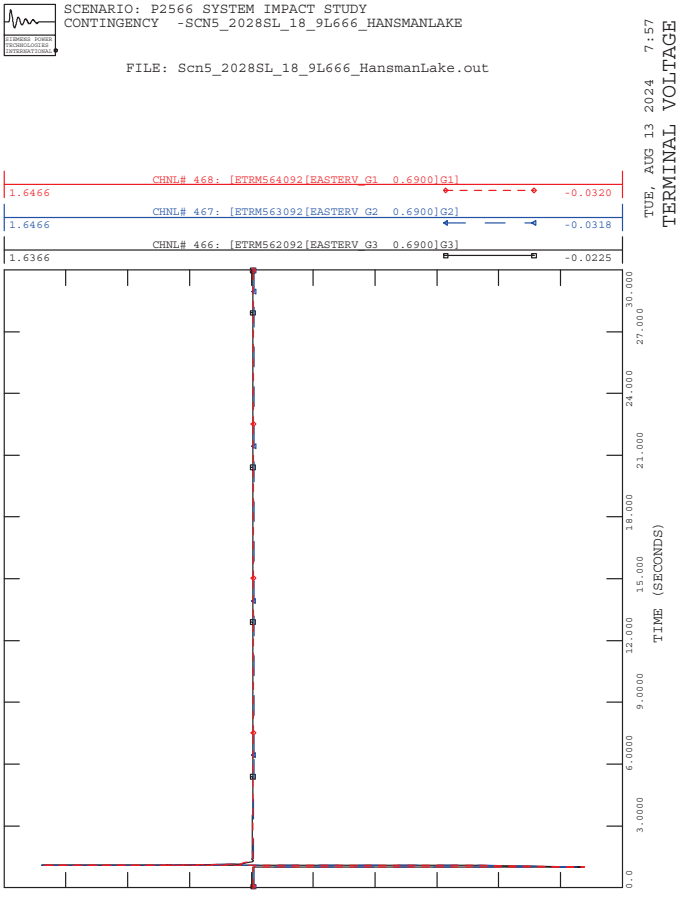
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.4834 -1.216
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.5254 -1.230
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.9596 -1.416

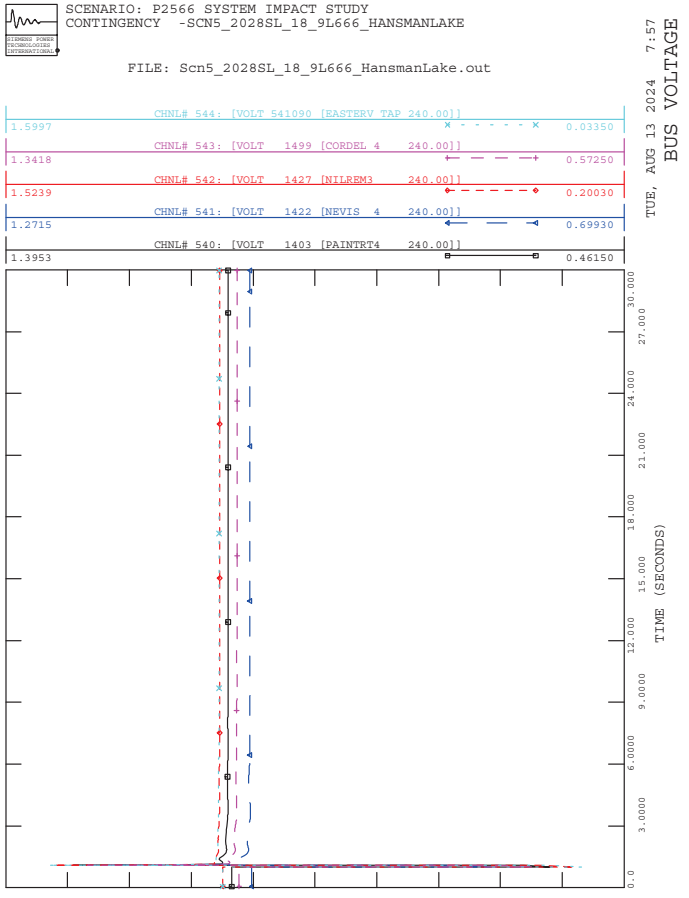
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TIME (SECONDS)

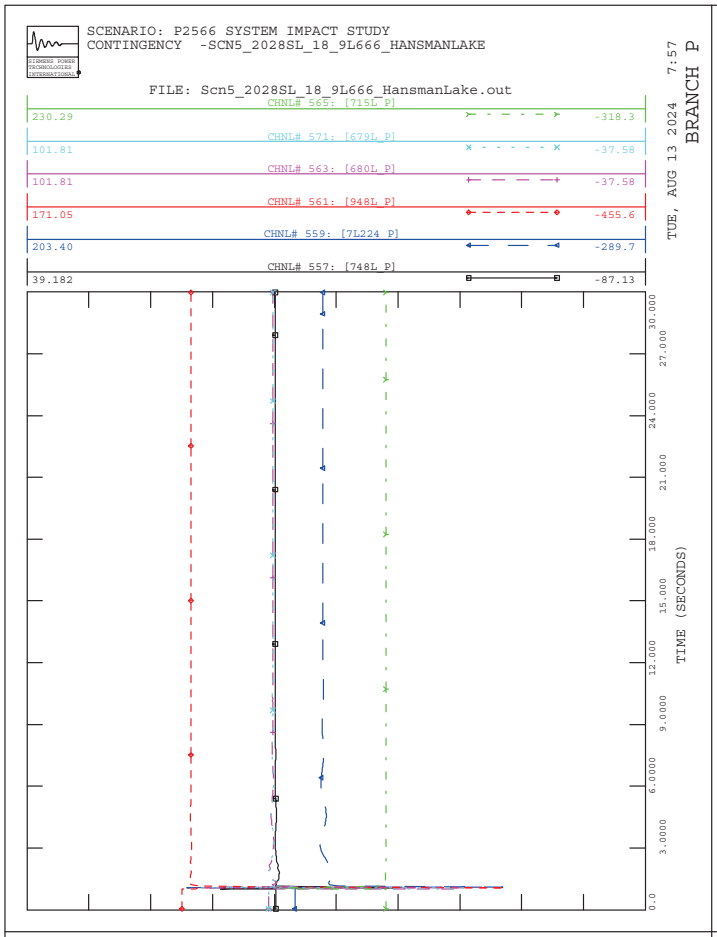


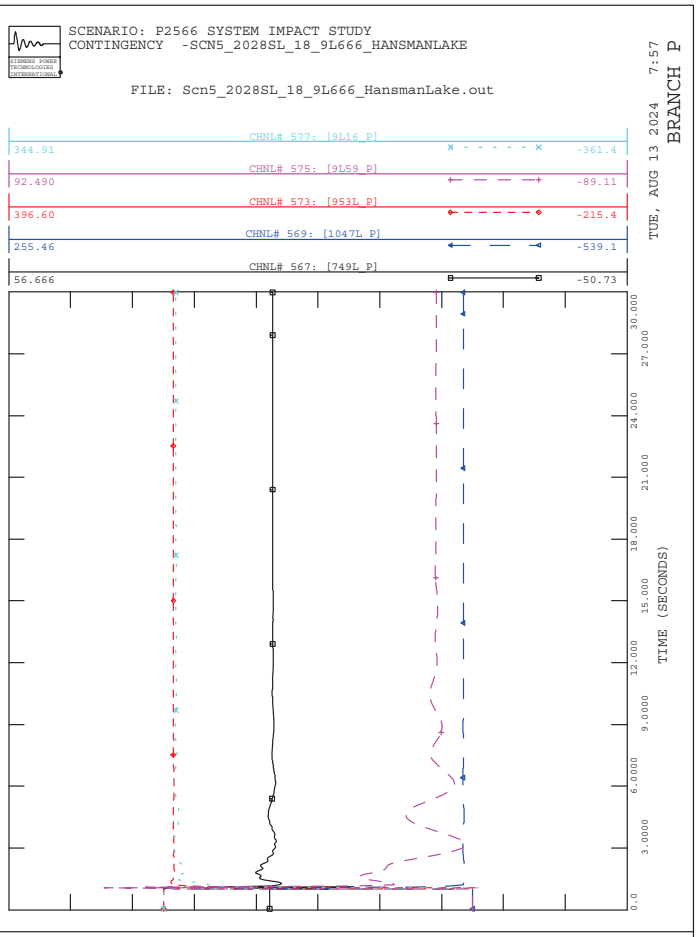

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_18_9L666_HANSMANLAKE
FILE: Scn5_2028SL_18_9L666_HansmanLake.out
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4746
0.01830
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.6315
-0.0942
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4606
0.21440
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.5168
0.01750
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4968
0.01180
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4525
-0.0057
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
BUS VOLTAGE

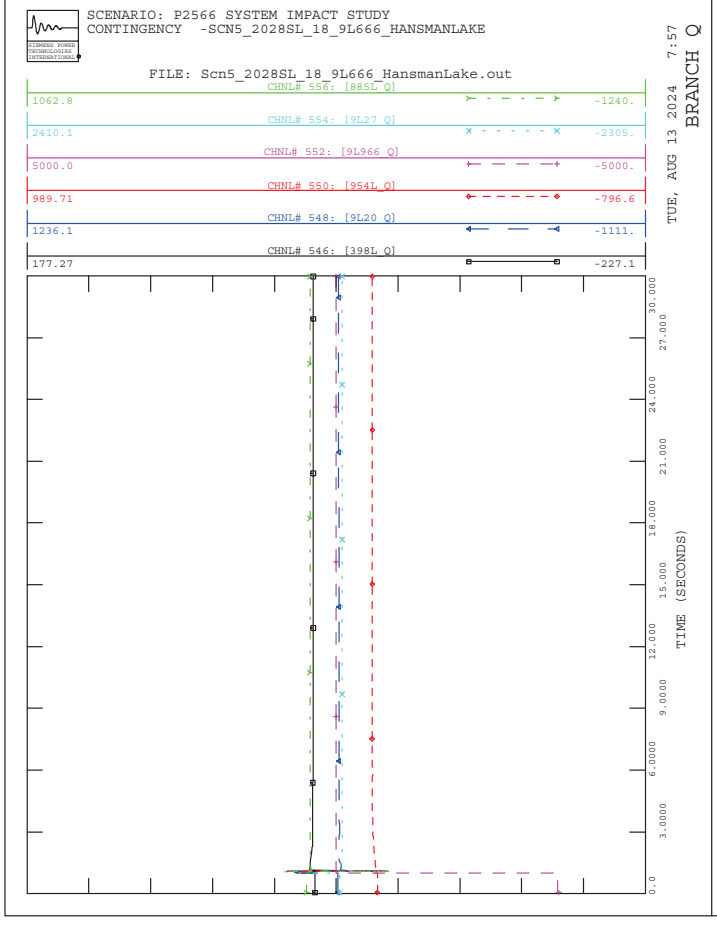

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_18_9L666_HANSMANLAKE
FILE: Scn5_2028SL_18_9L666_HansmanLake.out
CHNL# 555: [88SL P]
627.49
-443.0
CHNL# 553: [9L27 P]
791.14
-944.2
CHNL# 551: [9L966 P]
5000.0
-5000.
CHNL# 549: [954L P]
272.74
-272.8
CHNL# 547: [9L20 P]
560.31
-966.8
CHNL# 545: [398L P]
92.073
-130.3
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
BRANCH P

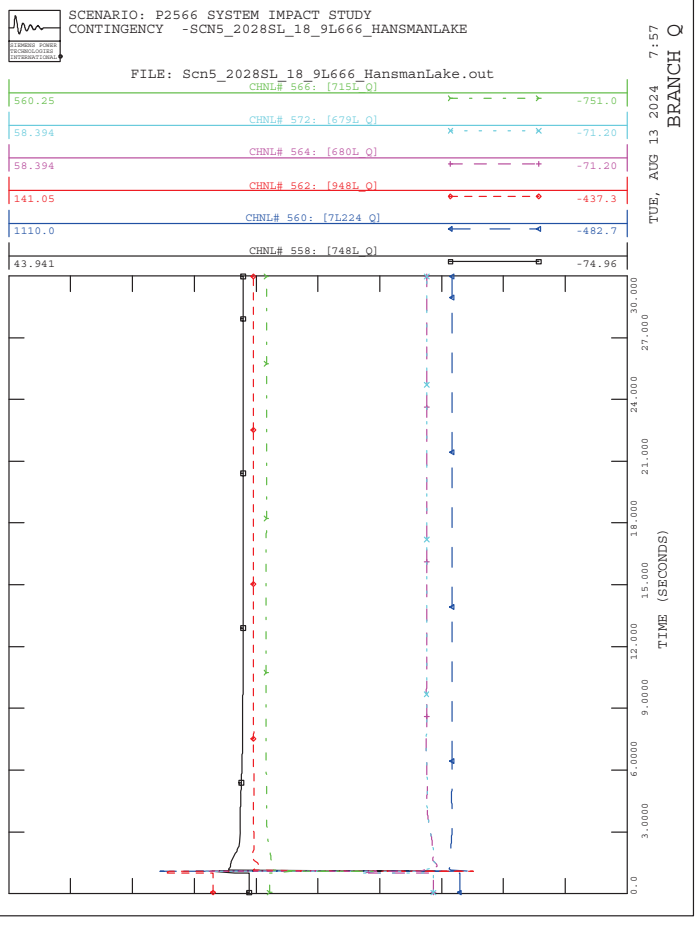

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_18_9L666_HANSMANLAKE
FILE: Scn5_2028SL_18_9L666_HansmanLake.out
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.6466
-0.0320
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.6466
-0.0318
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.6366
-0.0225
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_18_9L666_HANSMANLAKE
FILE: Scn5_2028SL_18_9L666_HansmanLake.out
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.5997
0.03350
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3418
0.57250
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.5239
0.20030
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2715
0.69930
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3953
0.46150
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
BUS VOLTAGE


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_18_9L666_HANSMANLAKE
FILE: Scn5_2028SL_18_9L666_HansmanLake.out
CHNL# 565: [715L P]
230.29
-318.3
CHNL# 571: [679L P]
101.81
-37.58
CHNL# 563: [680L P]
101.81
-37.58
CHNL# 561: [948L P]
171.05
-455.6
CHNL# 559: [7L224 P]
203.40
-289.7
CHNL# 557: [748L P]
39.182
-87.13
BRANCH P
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
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SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_18_9L666_HANSMANLAKE
FILE: Scn5_2028SL_18_9L666_HansmanLake.out
CHNL# 577: [9L16 P]
344.91
-361.4
CHNL# 575: [9L59 P]
92.490
-89.11
CHNL# 573: [953L P]
396.60
-215.4
CHNL# 569: [1047L P]
255.46
-539.1
CHNL# 567: [749L P]
56.666
-50.73
BRANCH P
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
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SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_18_9L666_HANSMANLAKE
FILE: Scn5_2028SL_18_9L666_HansmanLake.out
CHNL# 556: [885L Q]
1062.8
-1240.
CHNL# 554: [9L27 Q]
2410.1
-2305.
CHNL# 552: [9L966 Q]
5000.0
-5000.
CHNL# 550: [954L Q]
989.71
-796.6
CHNL# 548: [9L20 Q]
1236.1
-1111.
CHNL# 546: [398L Q]
177.27
-227.1
BRANCH Q
TUE, AUG 13 2024 7:57
TIME (SECONDS)
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3.0000
6.0000
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12.000
15.000
18.000
21.000
24.000
27.000
30.000

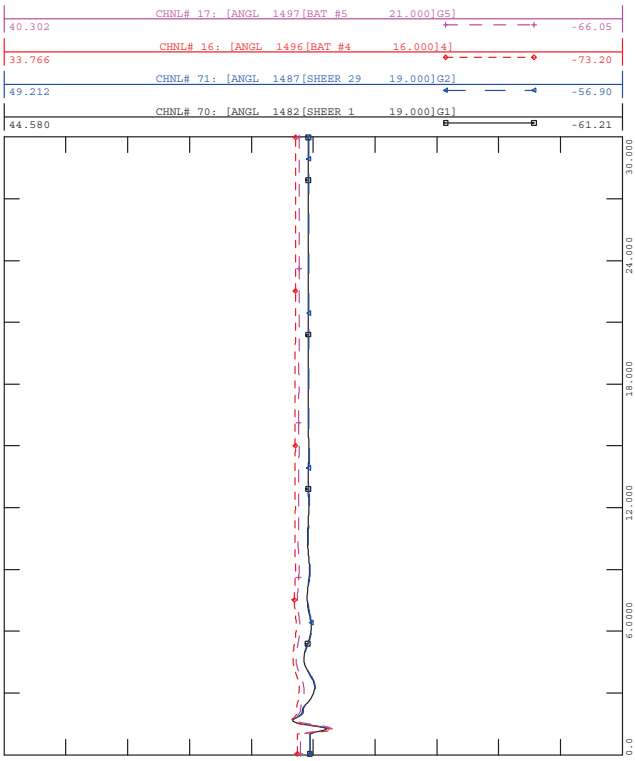

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_18_9L666_HANSMANLAKE
FILE: Scn5_2028SL_18_9L666_HansmanLake.out
CHNL# 566: [715L Q]
560.25
-751.0
CHNL# 572: [679L Q]
58.394
-71.20
CHNL# 564: [680L Q]
58.394
-71.20
CHNL# 562: [948L Q]
141.05
-437.3
CHNL# 560: [7L224 Q]
1110.0
-482.7
CHNL# 558: [748L Q]
43.941
-74.96
BRANCH Q
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_19_9L666_PEMUKAN

FILE: Scn5_2028SL_19_9L666_Pemukan.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

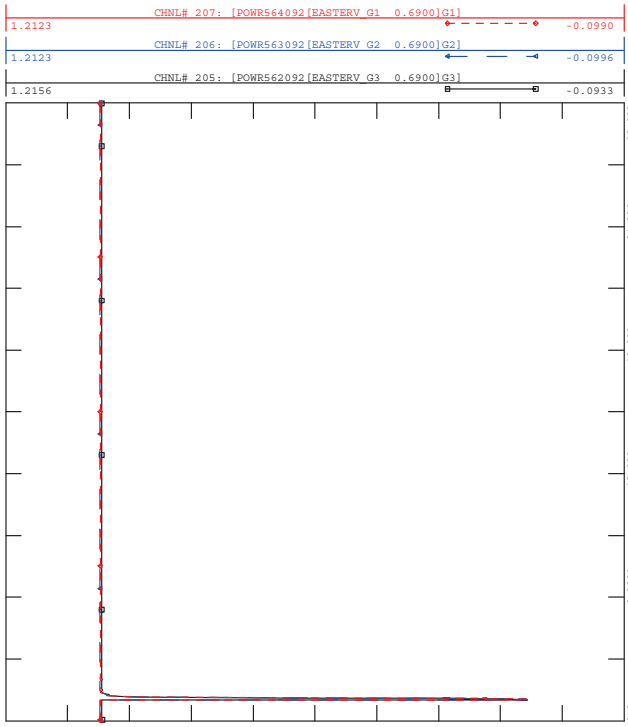


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_19_9L666_PEMUKAN

FILE: Scn5_2028SL_19_9L666_Pemukan.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

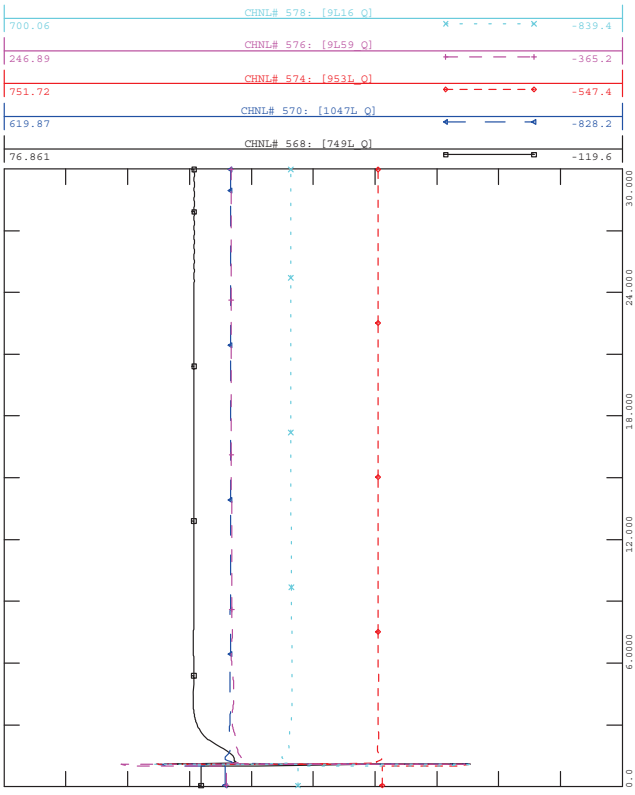


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_18_9L666_HANSMANLAKE

FILE: Scn5_2028SL_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

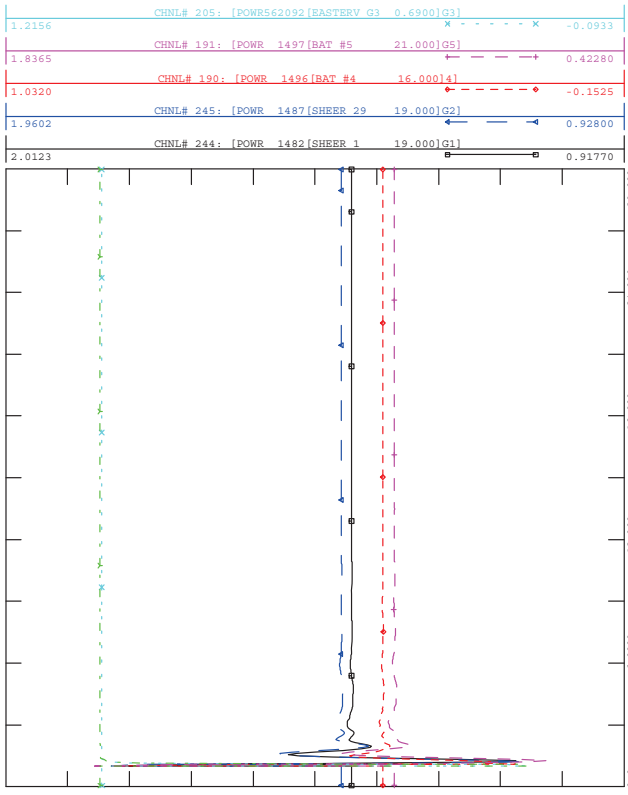


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_19_9L666_PEMUKAN

FILE: Scn5_2028SL_19_9L666_Pemukan.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

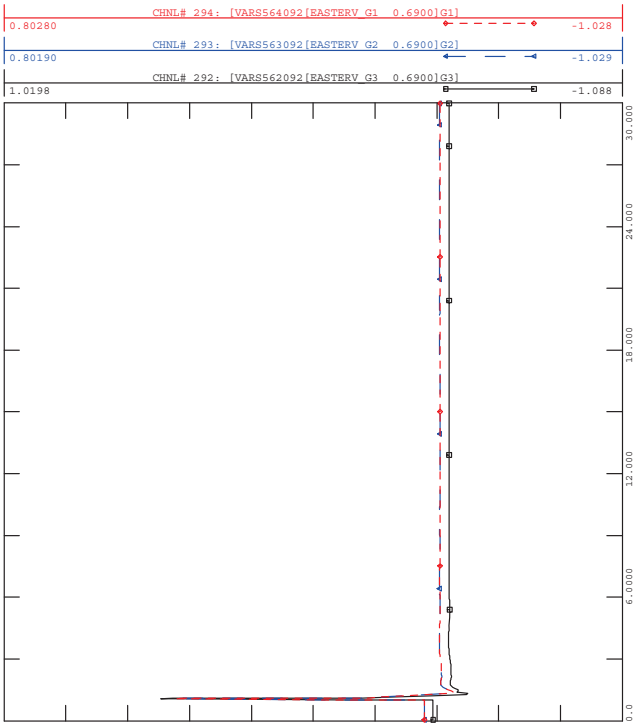


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_19_9L666_PEMUKAN

FILE: Scn5_2028SL_19_9L666_Pemukan.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

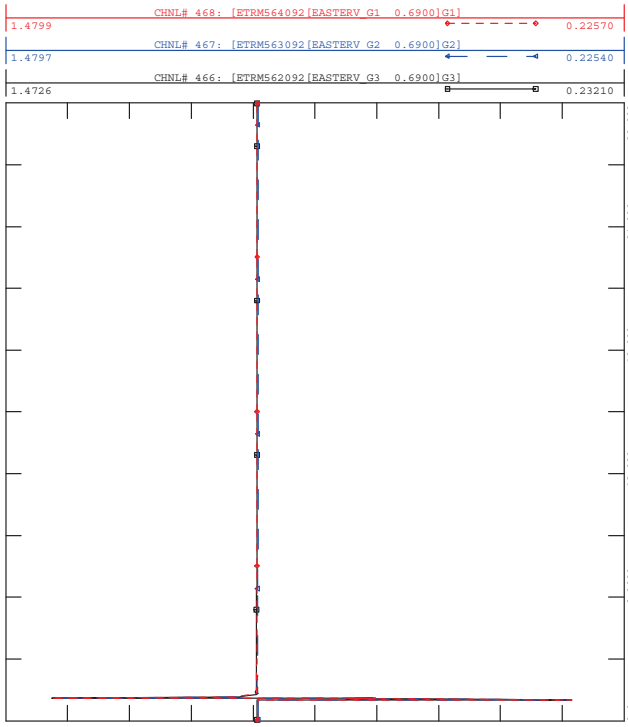


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_19_9L666_PEMUKAN

FILE: Scn5_2028SL_19_9L666_Pemukan.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

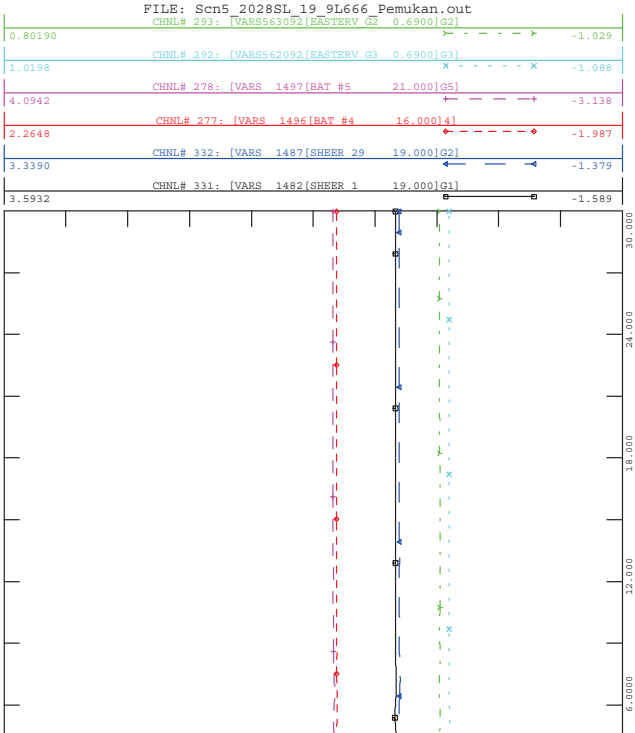


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_19_9L666_PEMUKAN

FILE: Scn5_2028SL_19_9L666_Pemukan.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

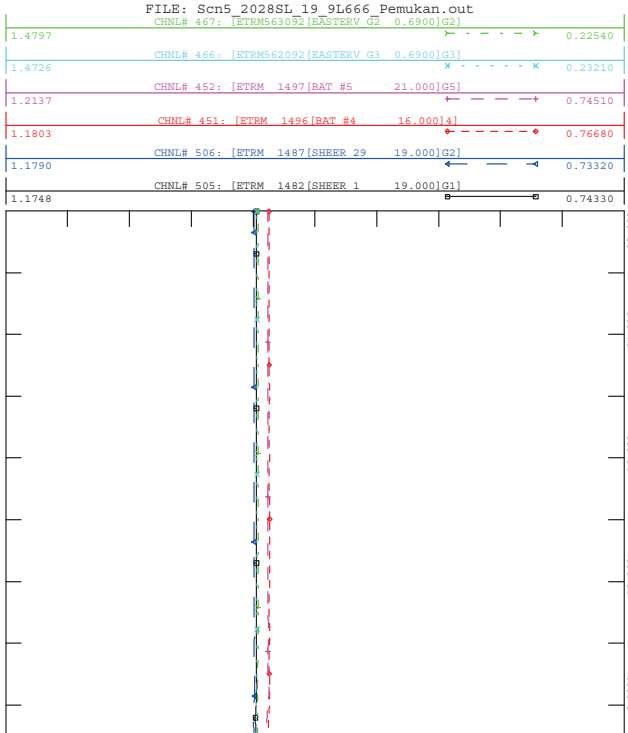


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_19_9L666_PEMUKAN

FILE: Scn5_2028SL_19_9L666_Pemukan.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_19_9L666_PEMUKAN

FILE: Scn5_2028SL_19_9L666_Pemukan.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.5297 0.29550

CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3231 0.66600

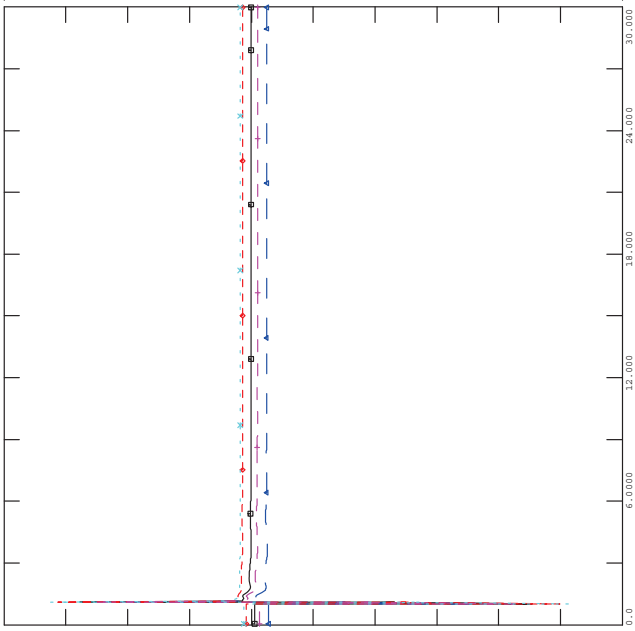
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4765 0.40940

CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2598 0.75480

CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3697 0.59150

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_19_9L666_PEMUKAN

FILE: Scn5_2028SL_19_9L666_Pemukan.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L Q]
658.22 -633.2

CHNL# 554: [9L27 Q]
1707.2 -1660.

CHNL# 552: [9L966 Q]
112.65 -157.7

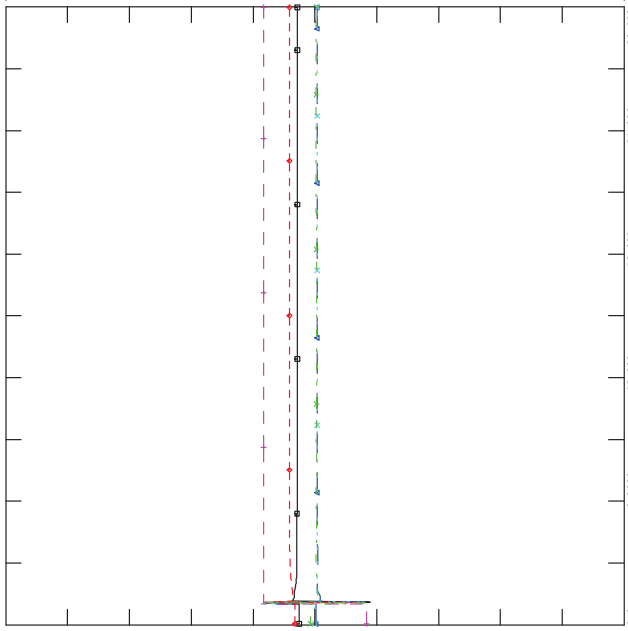
CHNL# 550: [954L Q]
607.27 -737.7

CHNL# 548: [9L20 Q]
950.99 -831.5

CHNL# 546: [398L Q]
163.39 -204.1

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_19_9L666_PEMUKAN

FILE: Scn5_2028SL_19_9L666_Pemukan.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4736 0.22120

CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5851 0.21670

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4279 0.40620

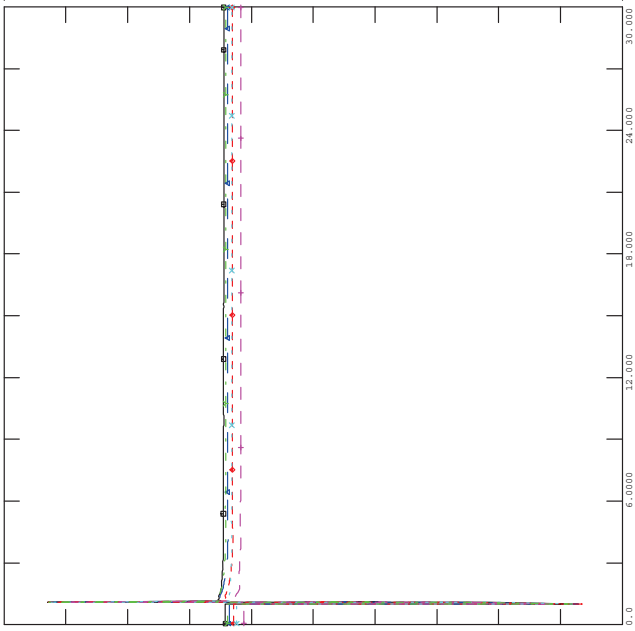
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4961 0.21780

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4783 0.21390

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4922 0.20330

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_19_9L666_PEMUKAN

FILE: Scn5_2028SL_19_9L666_Pemukan.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
665.94 -481.8

CHNL# 553: [9L27 P]
720.71 -987.9

CHNL# 551: [9L966 P]
158.81 -113.4

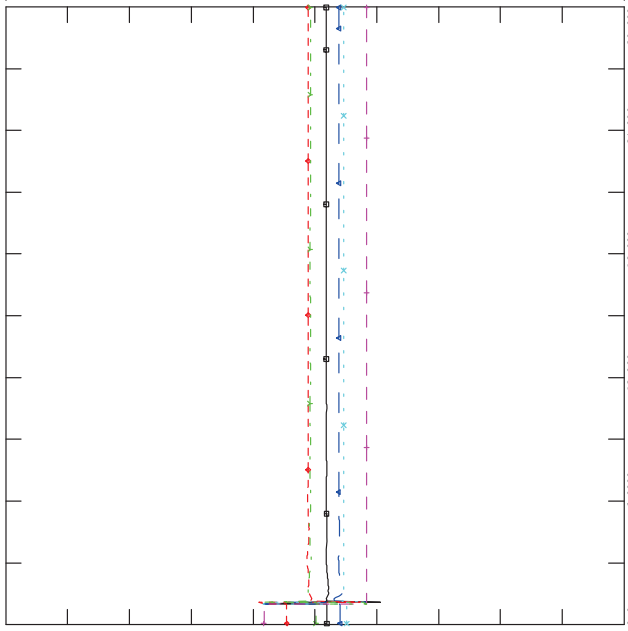
CHNL# 549: [954L P]
143.29 -187.1

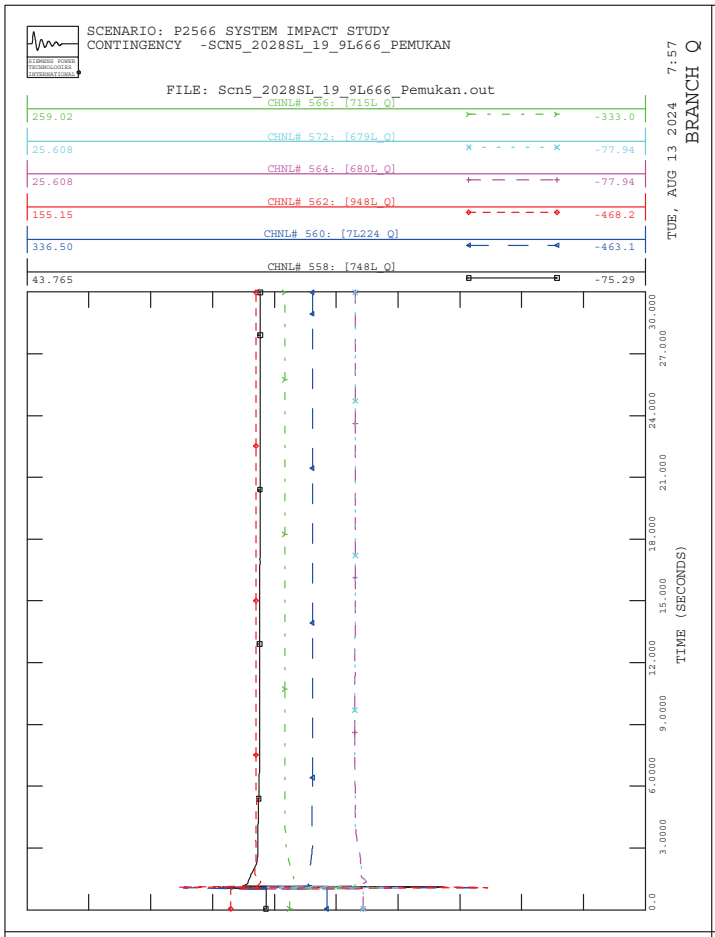
CHNL# 547: [9L20 P]
542.22 -1053.

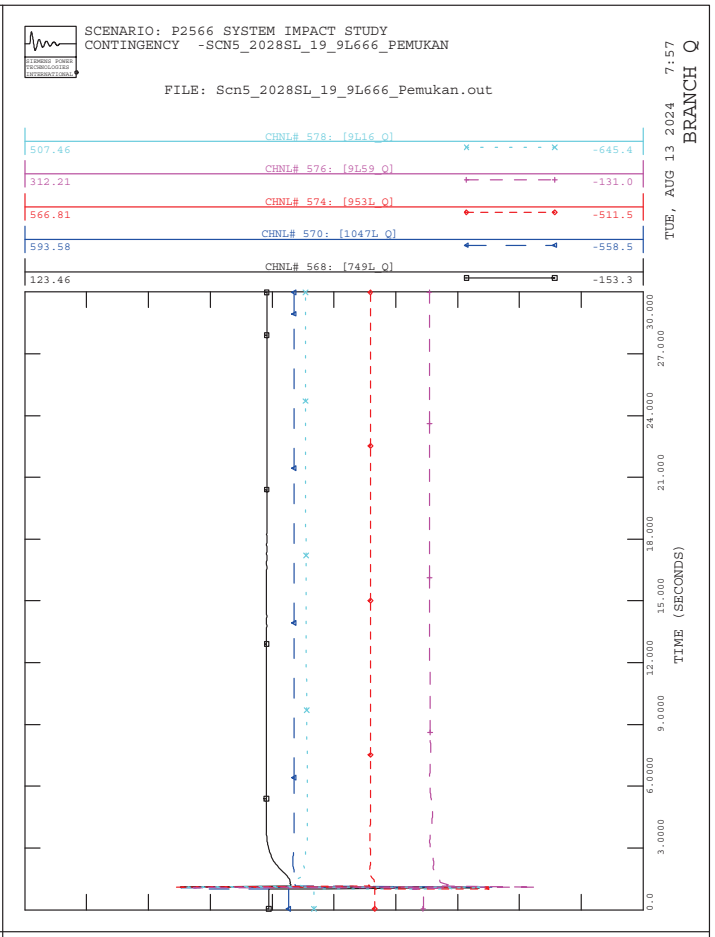
CHNL# 545: [398L P]
81.934 -120.0

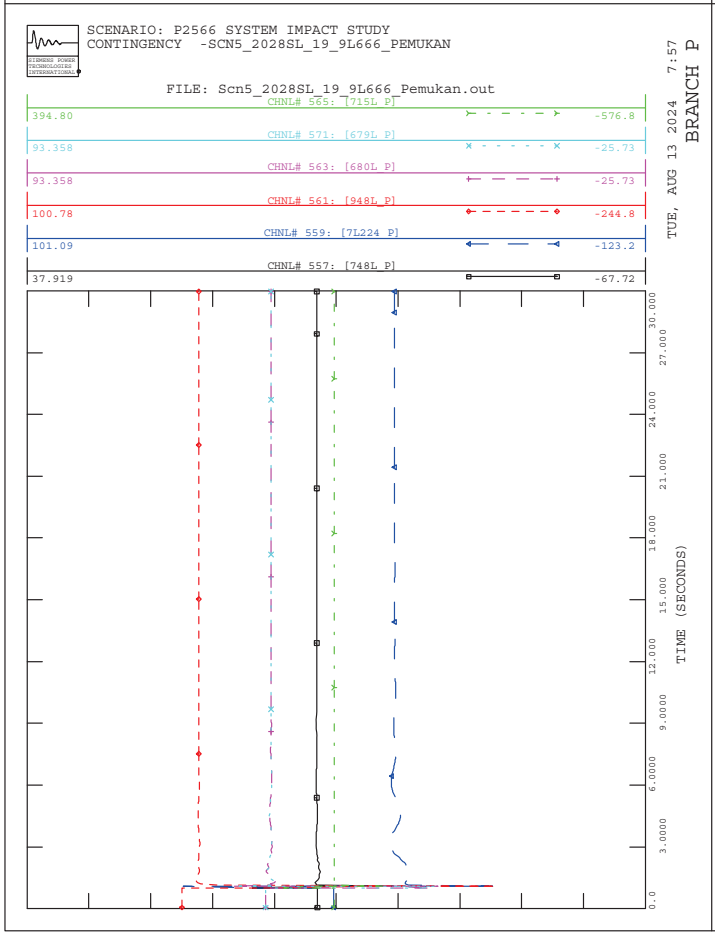
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

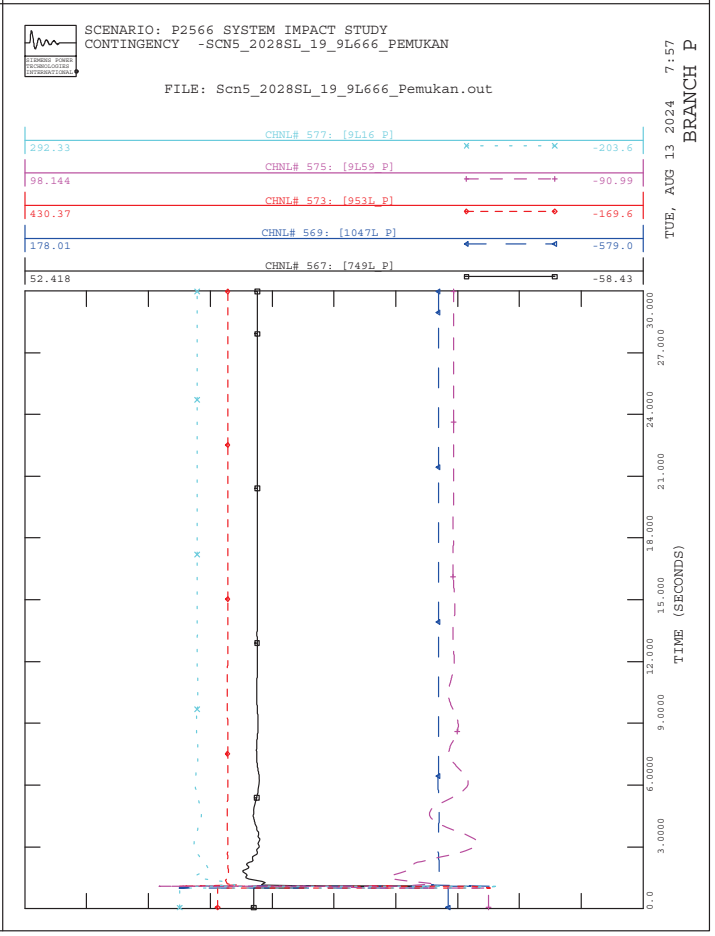
TIME (SECONDS)




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_19_9L666_PEMUKAN
FILE: Scn5_2028SL_19_9L666_Pemukan.out
CHNL# 566: [715L Q]
259.02
-333.0
CHNL# 572: [679L Q]
25.608
-77.94
CHNL# 564: [680L Q]
25.608
-77.94
CHNL# 562: [948L Q]
155.15
-468.2
CHNL# 560: [7L224 Q]
336.50
-463.1
CHNL# 558: [748L Q]
43.765
-75.29
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_19_9L666_PEMUKAN
FILE: Scn5_2028SL_19_9L666_Pemukan.out
CHNL# 578: [9L16 Q]
507.46
-645.4
CHNL# 576: [9L59 Q]
312.21
-131.0
CHNL# 574: [953L Q]
566.81
-511.5
CHNL# 570: [1047L Q]
593.58
-558.5
CHNL# 568: [749L Q]
123.46
-153.3
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_19_9L666_PEMUKAN
FILE: Scn5_2028SL_19_9L666_Pemukan.out
CHNL# 565: [715L P]
394.80
-576.8
CHNL# 571: [679L P]
93.358
-25.73
CHNL# 563: [680L P]
93.358
-25.73
CHNL# 561: [948L P]
100.78
-244.8
CHNL# 559: [7L224 P]
101.09
-123.2
CHNL# 557: [748L P]
37.919
-67.72
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_19_9L666_PEMUKAN
FILE: Scn5_2028SL_19_9L666_Pemukan.out
CHNL# 577: [9L16 P]
292.33
-203.6
CHNL# 575: [9L59 P]
98.144
-90.99
CHNL# 573: [953L P]
430.37
-169.6
CHNL# 569: [1047L P]
178.01
-579.0
CHNL# 567: [749L P]
52.418
-58.43
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_20_953L_NILREM

FILE: Scn5_2028SL_20_953L_Nilrem.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2874 -0.2000

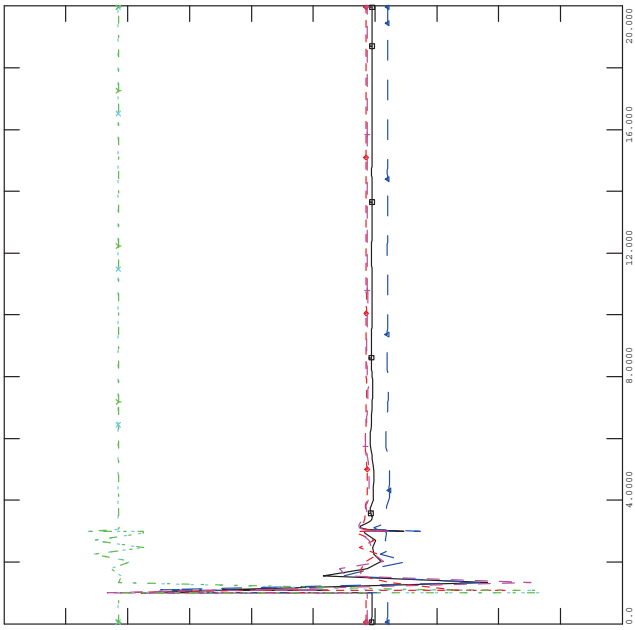
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2867 -0.2000

CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.6443 0.45860

CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.97660 -0.1619

CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
1.8691 1.1126

CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
1.8869 1.0682



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_20_953L_NILREM

FILE: Scn5_2028SL_20_953L_Nilrem.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.0261 -1.017

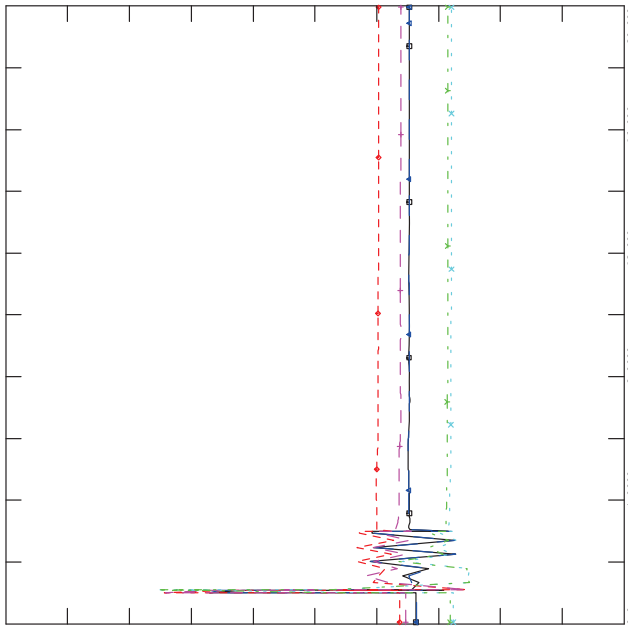
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.4242 -1.153

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
4.6612 -2.084

CHNL# 277: [VARS 1496[BAT #4 16.000]4]
2.7662 -1.560

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
2.9013 -1.003

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
3.0908 -1.120



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_20_953L_NILREM

FILE: Scn5_2028SL_20_953L_Nilrem.out

TUE, AUG 13 2024 7:57

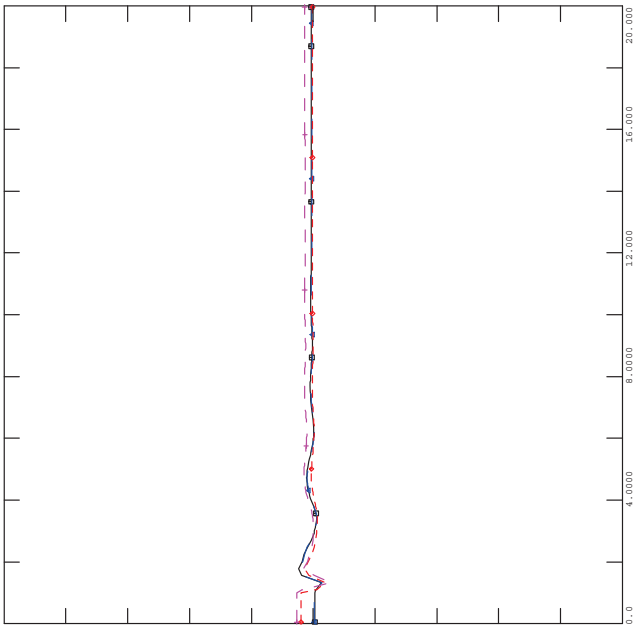
ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
39.370 -66.34

CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
33.059 -70.97

CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
48.563 -54.82

CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
44.169 -59.15



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_20_953L_NILREM

FILE: Scn5_2028SL_20_953L_Nilrem.out

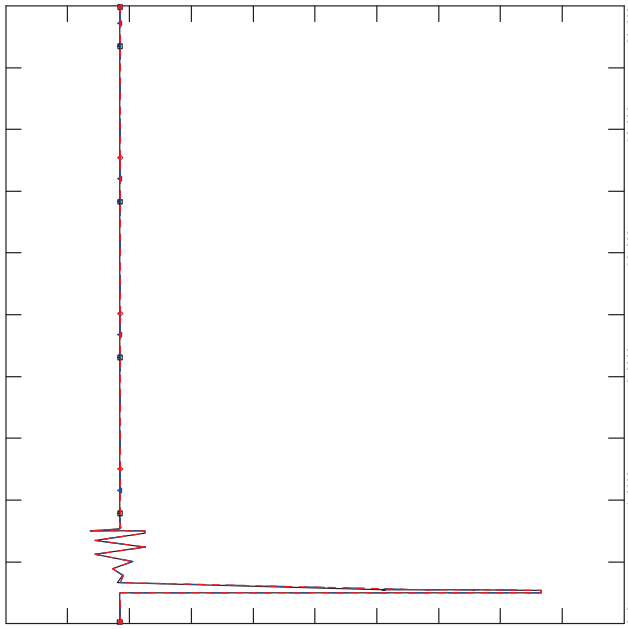
TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2874 -0.2000

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2874 -0.2000

CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2867 -0.2000



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_20_953L_NILREM

FILE: Scn5_2028SL_20_953L_Nilrem.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.5561 -0.0366

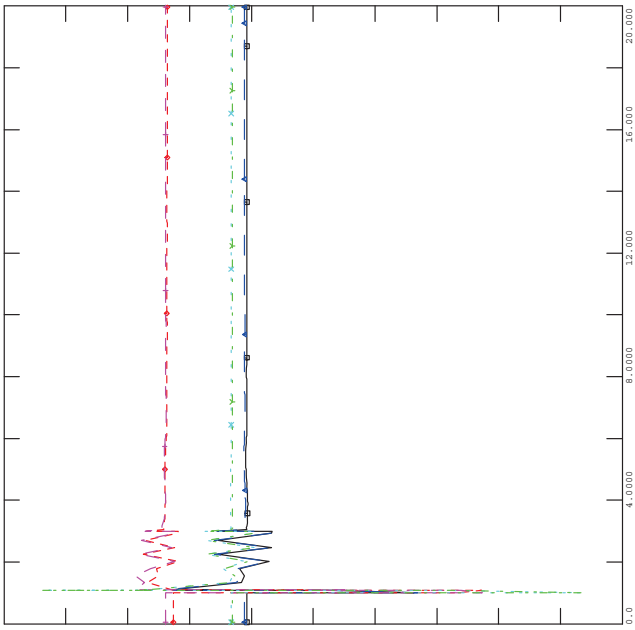
CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.5465 -0.0273

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1388 0.66480

CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
1.1266 0.68200

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1525 0.76020

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1493 0.76870



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_20_953L_NILREM

FILE: Scn5_2028SL_20_953L_Nilrem.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4592 0.18140

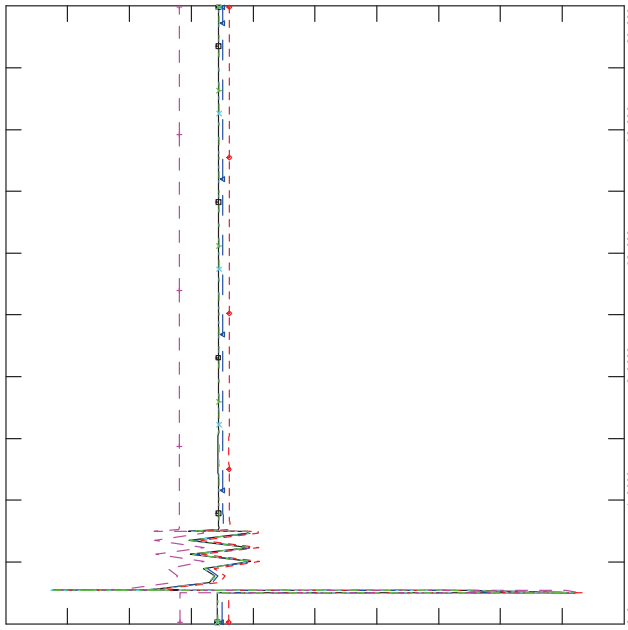
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5383 0.17040

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4309 0.01310

CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4932 0.18300

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4701 0.17630

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4775 0.17090



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_20_953L_NILREM

FILE: Scn5_2028SL_20_953L_Nilrem.out

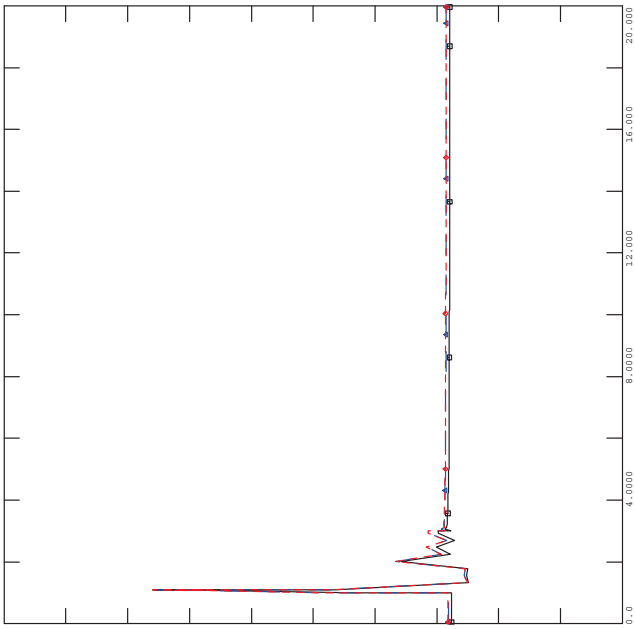
TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.0096 -1.012

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.0261 -1.017

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.4242 -1.153



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_20_953L_NILREM

FILE: Scn5_2028SL_20_953L_Nilrem.out

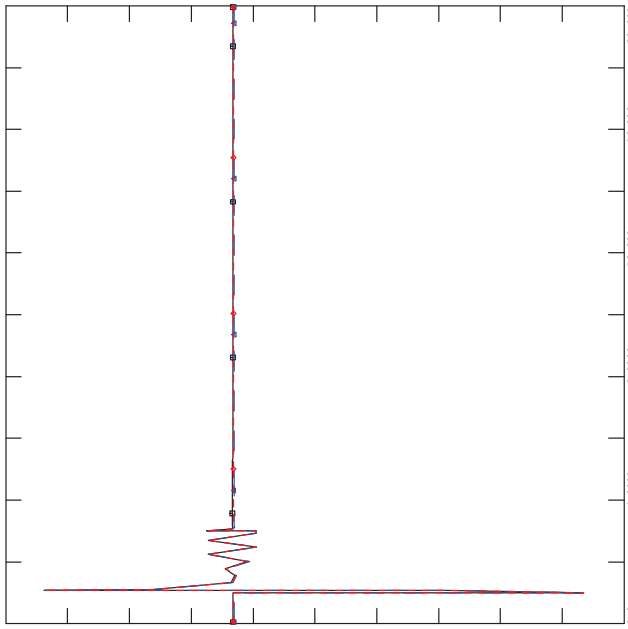
TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRMS64092[EASTERV G1 0.6900]G1]
1.5562 -0.0368

CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.5561 -0.0366

CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.5465 -0.0273



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_20_953L_NILREM

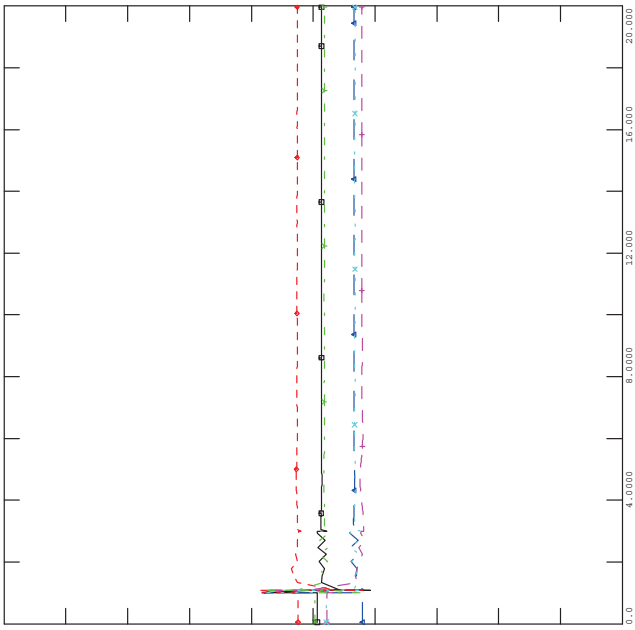
FILE: Scn5_2028SL_20_953L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
534.60 -350.5
CHNL# 553: [9L27 P]
817.03 -1175.
CHNL# 551: [9L966 P]
501.66 -373.7
CHNL# 549: [954L P]
71.563 -93.45
CHNL# 547: [9L20 P]
587.48 -978.7
CHNL# 545: [398L P]
89.876 -132.7

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_20_953L_NILREM

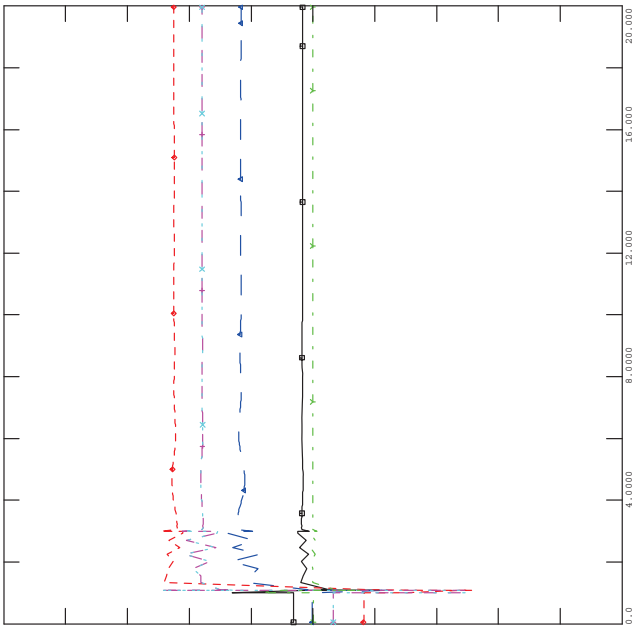
FILE: Scn5_2028SL_20_953L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 565: [715L P]
392.16 -566.5
CHNL# 571: [679L P]
165.72 -56.20
CHNL# 563: [680L P]
165.72 -56.20
CHNL# 561: [948L P]
206.88 -123.6
CHNL# 559: [7L224 P]
44.902 -65.42
CHNL# 557: [748L P]
37.816 -67.81

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_20_953L_NILREM

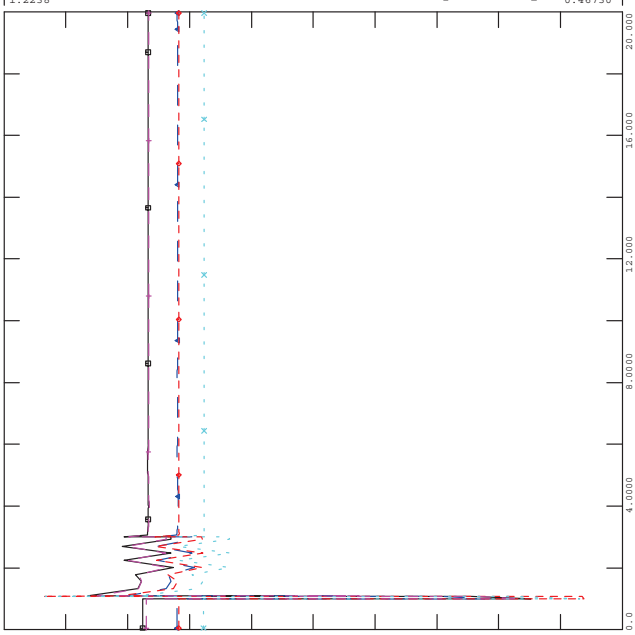
FILE: Scn5_2028SL_20_953L_Nilrem.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.5385 0.02860
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2078 0.52800
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.5131 -0.0946
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.1871 0.67430
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2238 0.46730

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_20_953L_NILREM

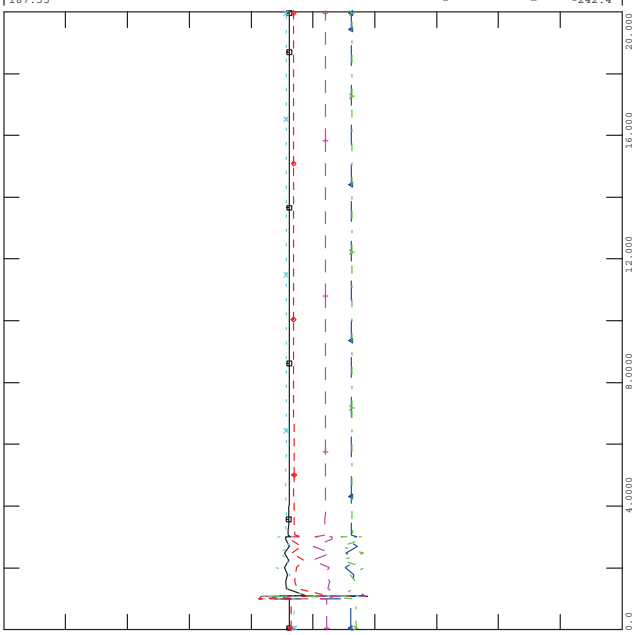
FILE: Scn5_2028SL_20_953L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L Q]
386.23 -254.7
CHNL# 554: [9L27 Q]
1633.4 -1790.
CHNL# 552: [9L966 Q]
1247.1 -1227.
CHNL# 550: [954L Q]
135.48 -203.6
CHNL# 548: [9L20 Q]
953.87 -646.1
CHNL# 546: [398L Q]
187.55 -242.4

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_20_953L_NILREM

FILE: Scn5_2028SL_20_953L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P] 328.24 -311.3
CHNL# 575: [9L59_P] 98.651 -91.17
CHNL# 573: [953L_P] 5000.0 -5000.
CHNL# 569: [1047L_P] 168.90 -510.2
CHNL# 567: [749L_P] 62.373 -41.65

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_21_953L_CORDEL

FILE: Scn5_2028SL_21_953L_Cordel.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5] 43.060 -67.50
CHNL# 16: [ANGL 1496[BAT #4 16.000]4] 35.293 -70.39
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2] 49.849 -53.86
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1] 45.207 -58.15

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_20_953L_NILREM

FILE: Scn5_2028SL_20_953L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 566: [715L_Q] 240.78 -312.9
CHNL# 572: [679L_Q] 116.14 -96.22
CHNL# 564: [680L_Q] 116.14 -96.22
CHNL# 562: [948L_Q] 591.25 -433.3
CHNL# 560: [7L224_Q] 17.747 -114.0
CHNL# 558: [748L_Q] 42.250 -88.55

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_20_953L_NILREM

FILE: Scn5_2028SL_20_953L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16_Q] 246.22 -801.3
CHNL# 576: [9L59_Q] 386.32 -126.3
CHNL# 574: [953L_Q] 1529.5 -4589.
CHNL# 570: [1047L_Q] 219.25 -251.0
CHNL# 568: [749L_Q] 103.68 -109.2

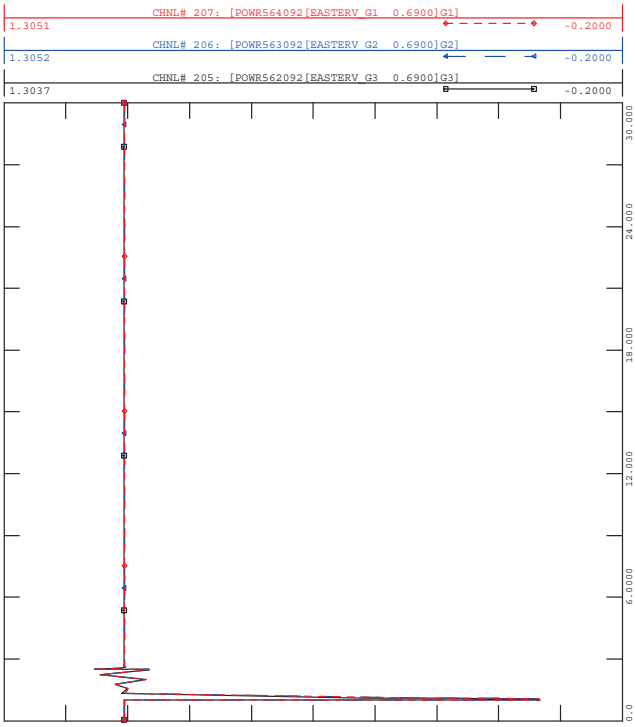
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_21_953L_CORDEL

FILE: Scn5_2028SL_21_953L_Cordel.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

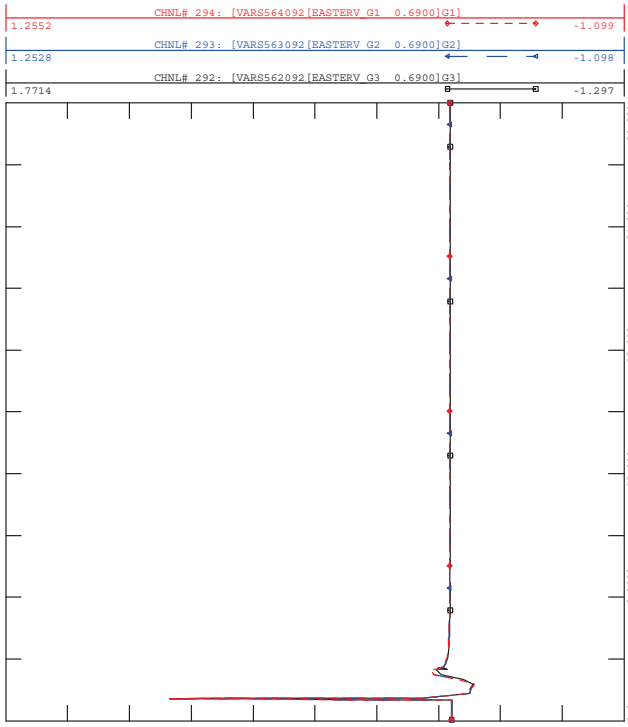


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_21_953L_CORDEL

FILE: Scn5_2028SL_21_953L_Cordel.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

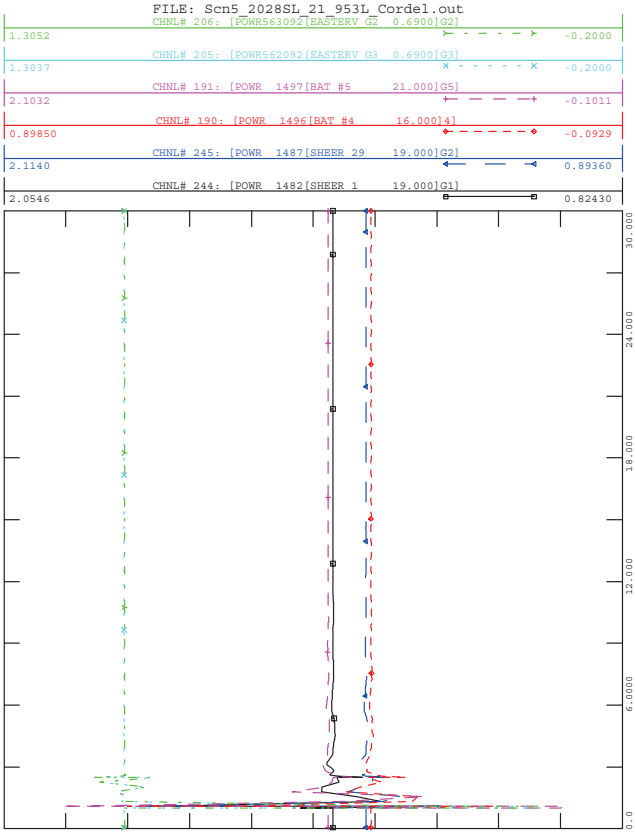


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_21_953L_CORDEL

FILE: Scn5_2028SL_21_953L_Cordel.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

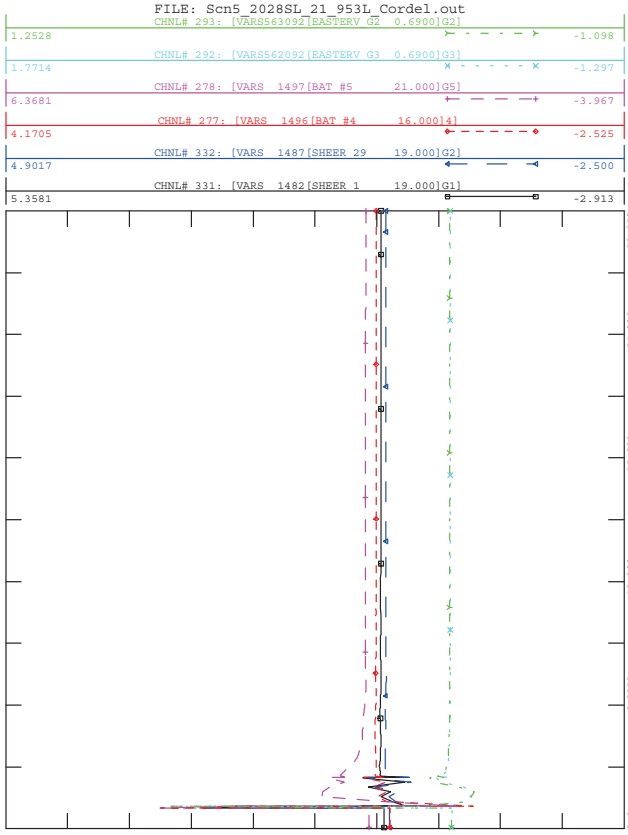


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_21_953L_CORDEL

FILE: Scn5_2028SL_21_953L_Cordel.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

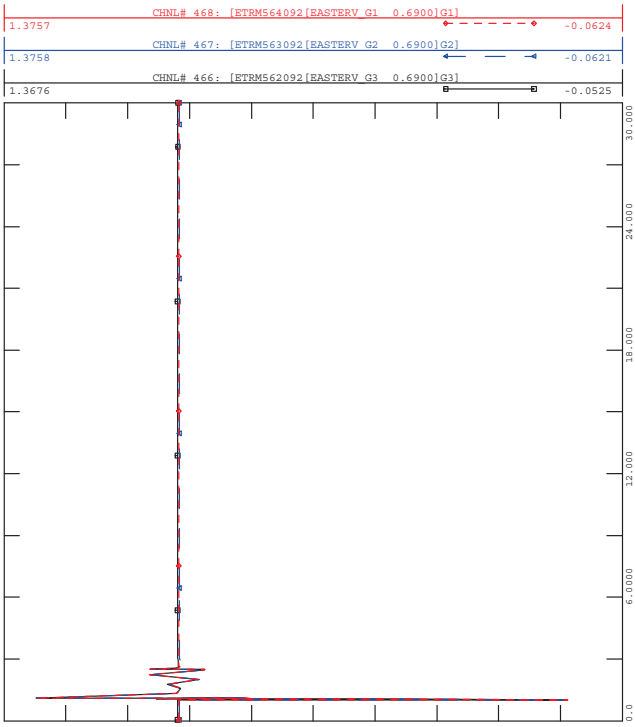


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_21_953L_CORDEL

FILE: Scn5_2028SL_21_953L_Cordel.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

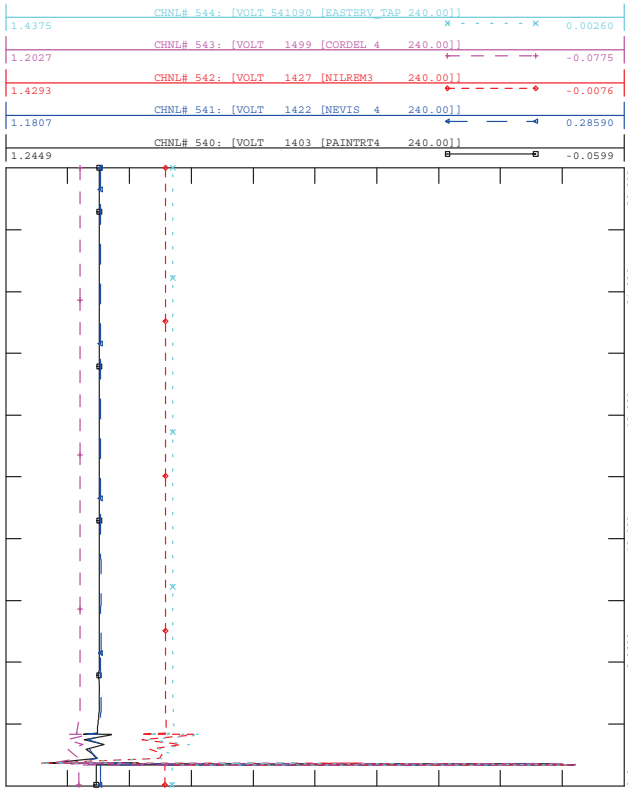


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_21_953L_CORDEL

FILE: Scn5_2028SL_21_953L_Cordel.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

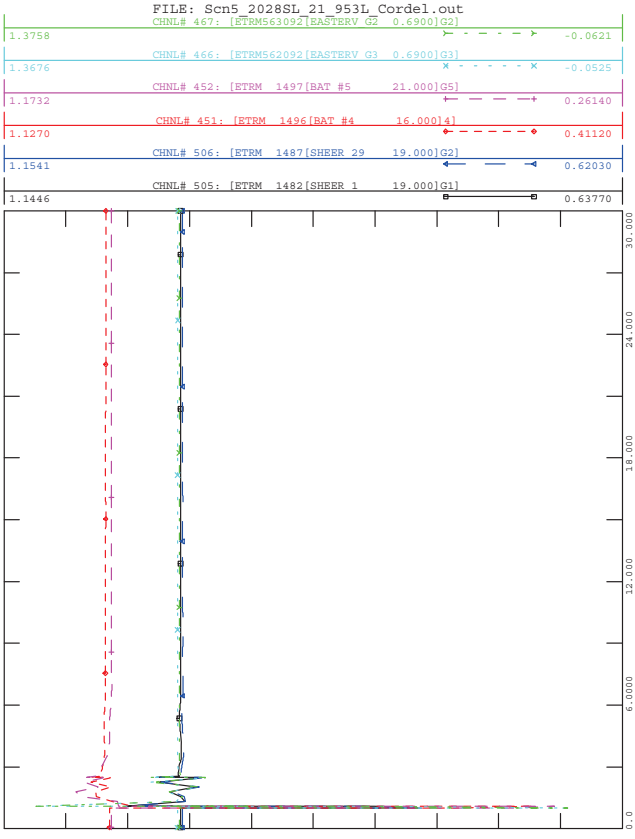


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_21_953L_CORDEL

FILE: Scn5_2028SL_21_953L_Cordel.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

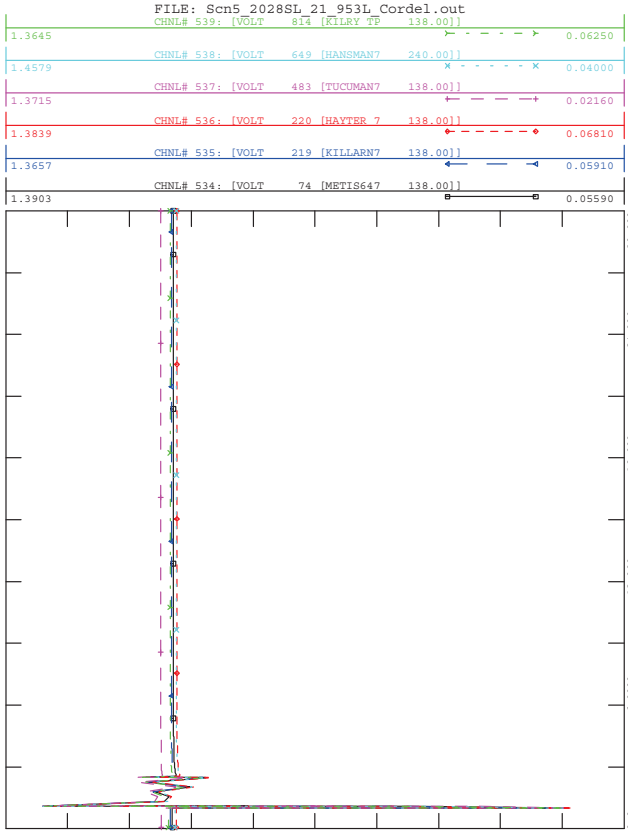


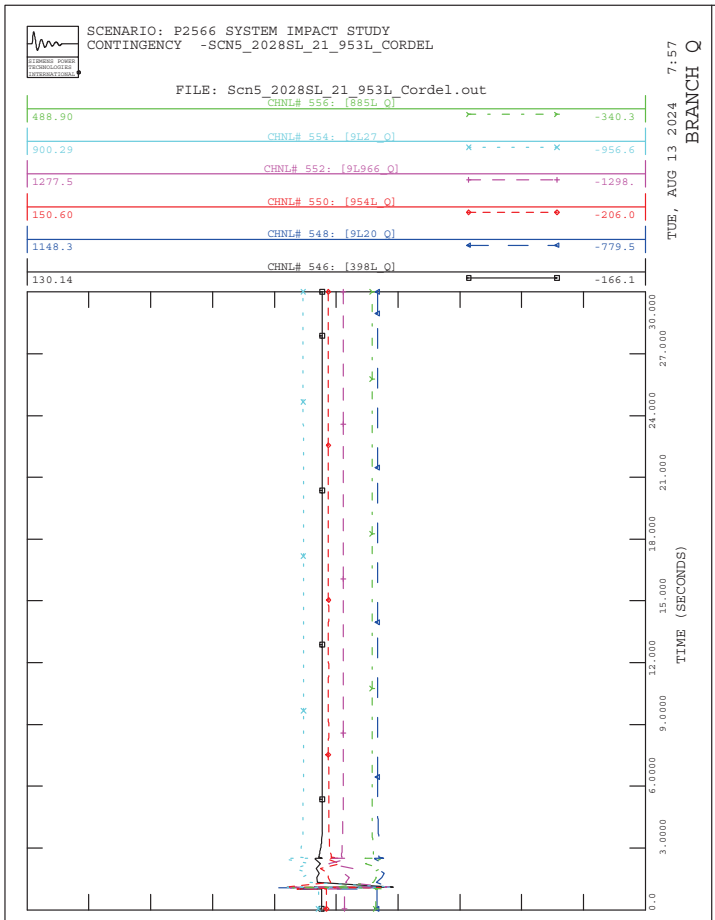
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_21_953L_CORDEL

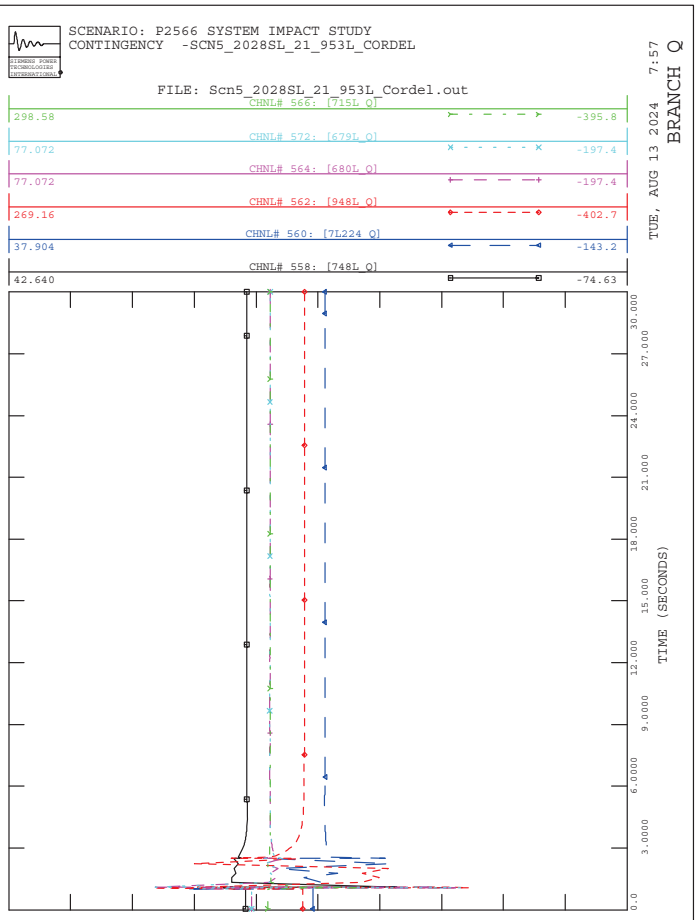
FILE: Scn5_2028SL_21_953L_Cordel.out

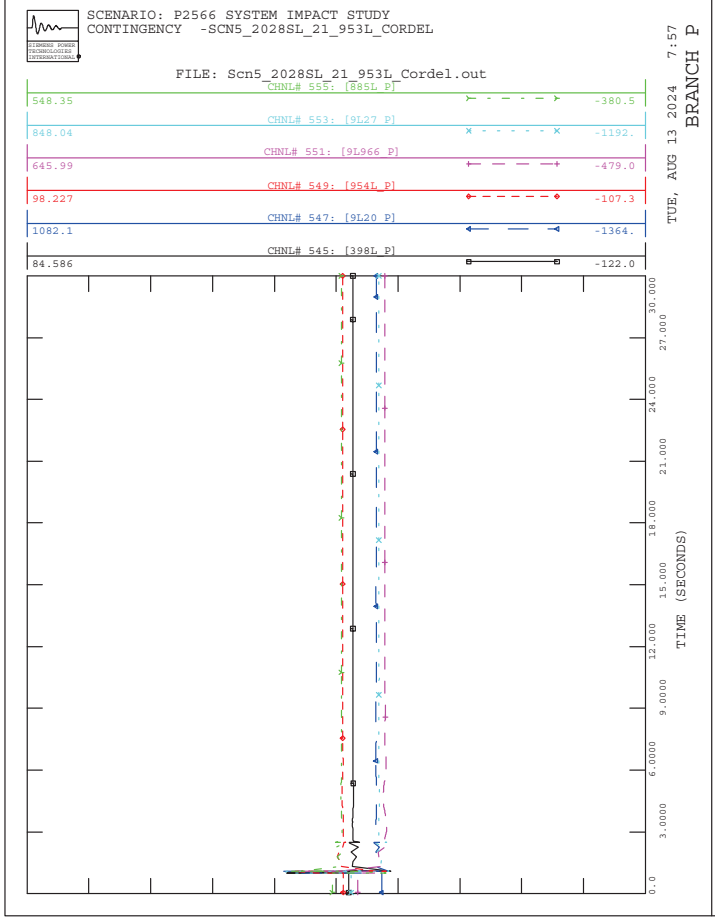
TUE, AUG 13 2024 7:57

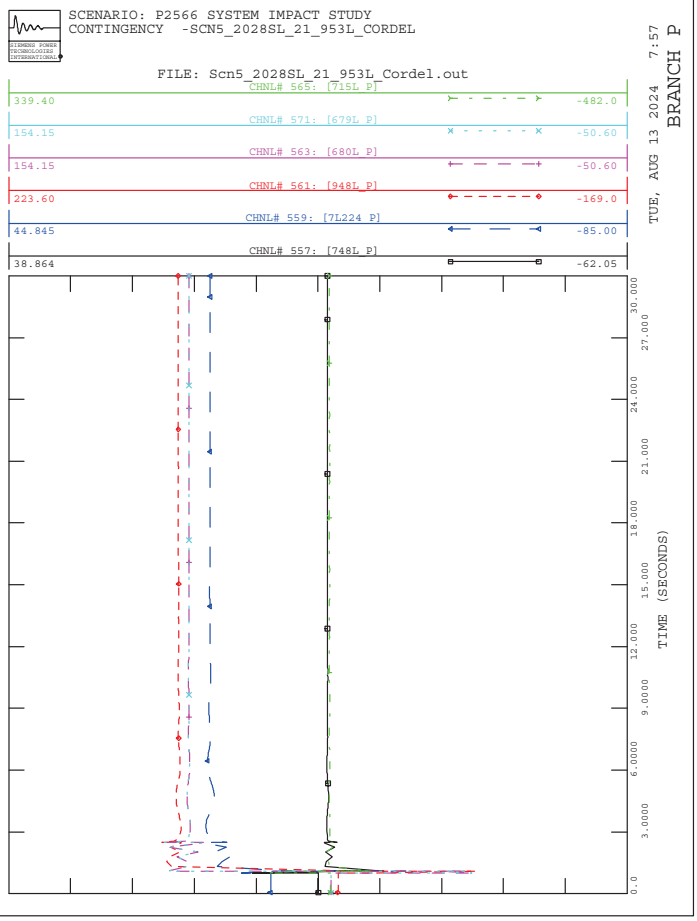
BUS VOLTAGE




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_21_953L_CORDEL
FILE: Scn5_2028SL_21_953L_Cordel.out
CHNL# 556: [885L Q]
488.90
-340.3
CHNL# 554: [9L27 Q]
900.29
-956.6
CHNL# 552: [9L966 Q]
1277.5
-1298.
CHNL# 550: [954L Q]
150.60
-206.0
CHNL# 548: [9L20 Q]
1148.3
-779.5
CHNL# 546: [398L Q]
130.14
-166.1
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_21_953L_CORDEL
FILE: Scn5_2028SL_21_953L_Cordel.out
CHNL# 566: [715L Q]
298.58
-395.8
CHNL# 572: [679L Q]
77.072
-197.4
CHNL# 564: [680L Q]
77.072
-197.4
CHNL# 562: [948L Q]
269.16
-402.7
CHNL# 560: [7L224 Q]
37.904
-143.2
CHNL# 558: [748L Q]
42.640
-74.63
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_21_953L_CORDEL
FILE: Scn5_2028SL_21_953L_Cordel.out
CHNL# 555: [885L P]
548.35
-380.5
CHNL# 553: [9L27 P]
848.04
-1192.
CHNL# 551: [9L966 P]
645.99
-479.0
CHNL# 549: [954L P]
98.227
-107.3
CHNL# 547: [9L20 P]
1082.1
-1364.
CHNL# 545: [398L P]
84.586
-122.0
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_21_953L_CORDEL
FILE: Scn5_2028SL_21_953L_Cordel.out
CHNL# 565: [715L P]
339.40
-482.0
CHNL# 571: [679L P]
154.15
-50.60
CHNL# 563: [680L P]
154.15
-50.60
CHNL# 561: [948L P]
223.60
-169.0
CHNL# 559: [7L224 P]
44.845
-85.00
CHNL# 557: [748L P]
38.864
-62.05
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

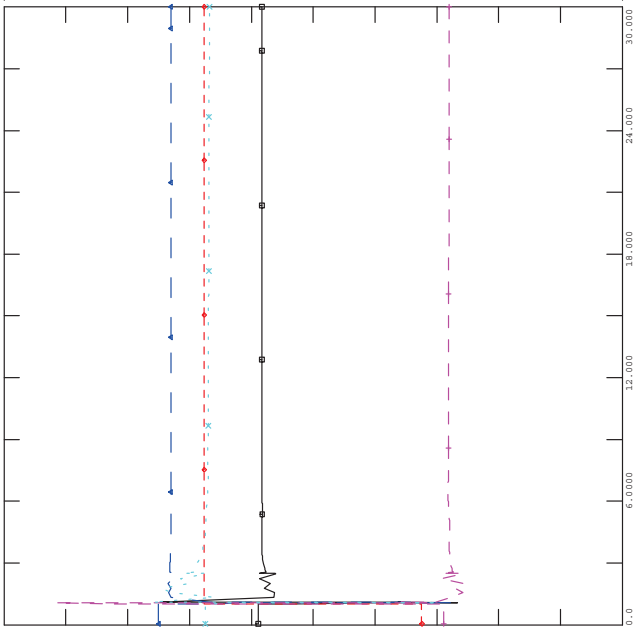
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_21_953L_CORDEL

FILE: Scn5_2028SL_21_953L_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16_Q] 220.39 -554.4
CHNL# 576: [9L59_Q] 623.37 -216.2
CHNL# 574: [953L_Q] 40.000 -83.48
CHNL# 570: [1047L_Q] 502.47 -1101.
CHNL# 568: [749L_Q] 134.22 -157.5



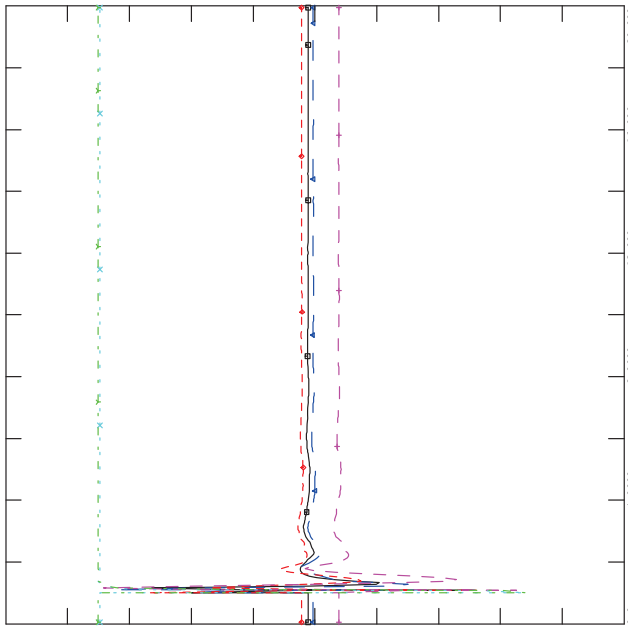
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_22_9L27_PAINTEARTH

FILE: Scn5_2028SL_22_9L27_Paintearth.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2] 1.2126 -0.1269
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3] 1.2153 -0.1213
CHNL# 191: [POWR 1497[BAT #5 21.000]G5] 1.6413 0.35330
CHNL# 190: [POWR 1496[BAT #4 16.000]4] 0.73730 -0.1559
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2] 1.7859 1.0097
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1] 1.8776 0.90020



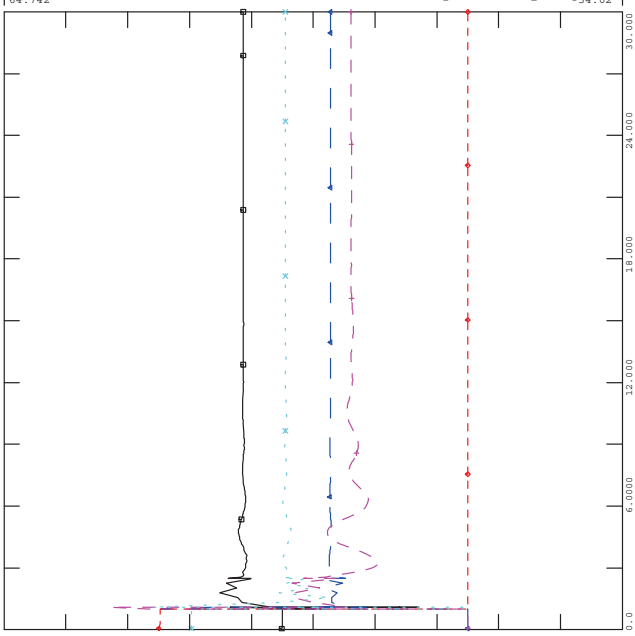
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_21_953L_CORDEL

FILE: Scn5_2028SL_21_953L_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P] 290.21 -111.8
CHNL# 575: [9L59_P] 107.92 -94.26
CHNL# 573: [953L_P] 370.48 -123.5
CHNL# 569: [1047L_P] 162.78 -508.2
CHNL# 567: [749L_P] 64.742 -54.02



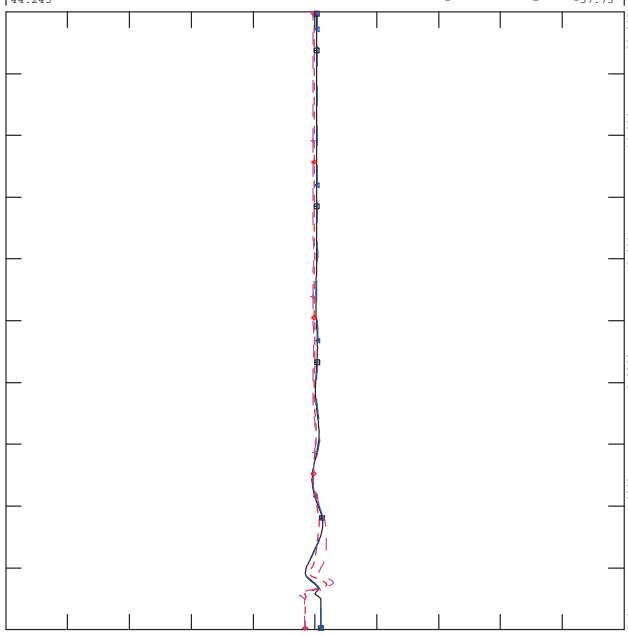
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_22_9L27_PAINTEARTH

FILE: Scn5_2028SL_22_9L27_Paintearth.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5] 40.867 -65.68
CHNL# 16: [ANGL 1496[BAT #4 16.000]4] 33.334 -70.53
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2] 48.687 -53.35
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1] 44.245 -57.73



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_22_9L27_PAINTEARTH

FILE: Scn5_2028SL_22_9L27_Paintearth.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.84810 -1.003

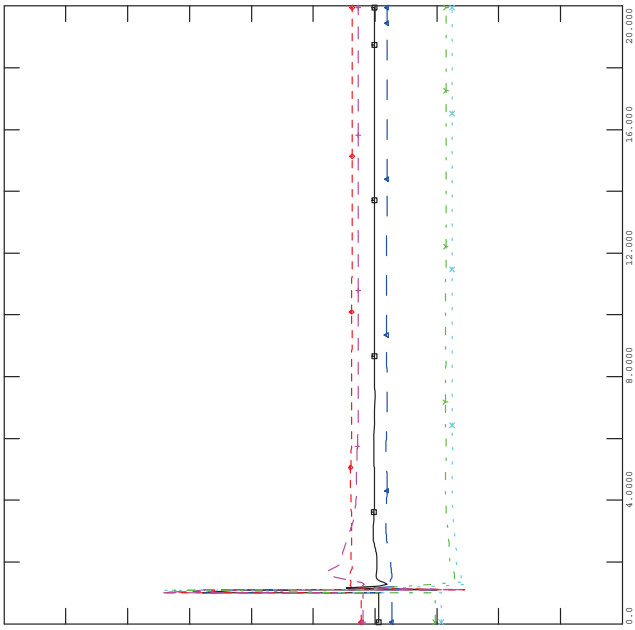
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.1407 -1.096

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
6.1710 -3.951

CHNL# 277: [VARS 1496[BAT #4 16.000]4]
3.4124 -2.478

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
3.4610 -1.566

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
3.7745 -1.960



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_22_9L27_PAINTEARTH

FILE: Scn5_2028SL_22_9L27_Paintearth.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4307 0.19300

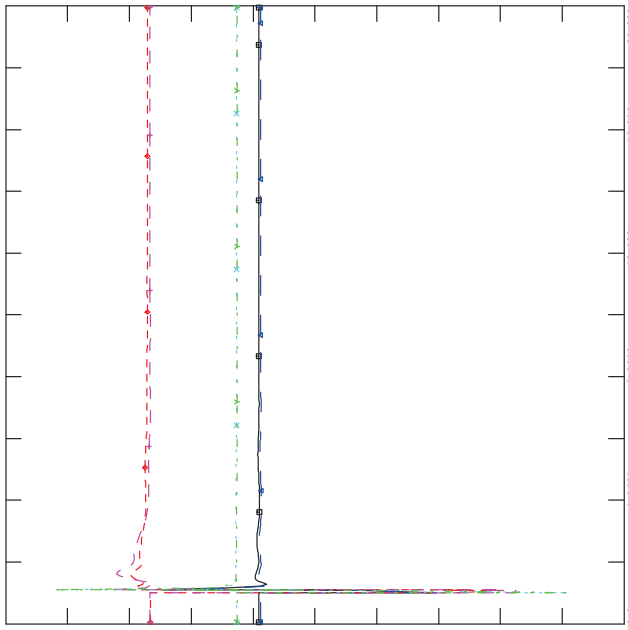
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4260 0.19990

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1558 0.55190

CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
1.1191 0.63190

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1875 0.73240

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1781 0.74270



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_22_9L27_PAINTEARTH

FILE: Scn5_2028SL_22_9L27_Paintearth.out

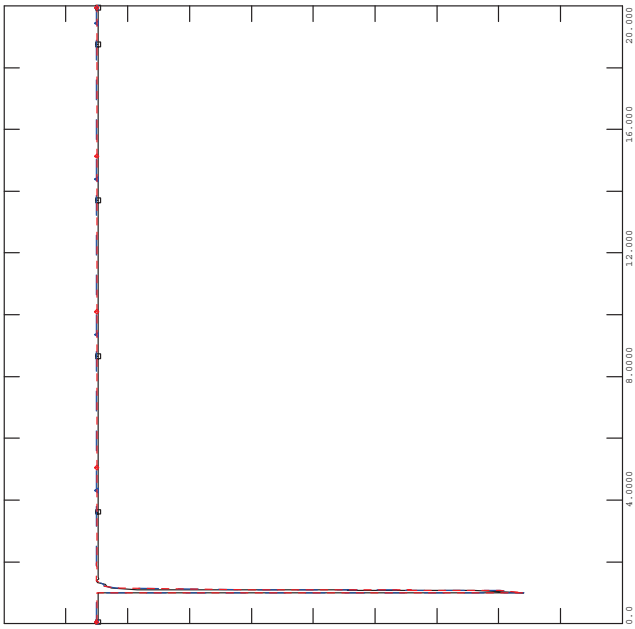
TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2126 -0.1265

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2126 -0.1269

CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2153 -0.1213



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_22_9L27_PAINTEARTH

FILE: Scn5_2028SL_22_9L27_Paintearth.out

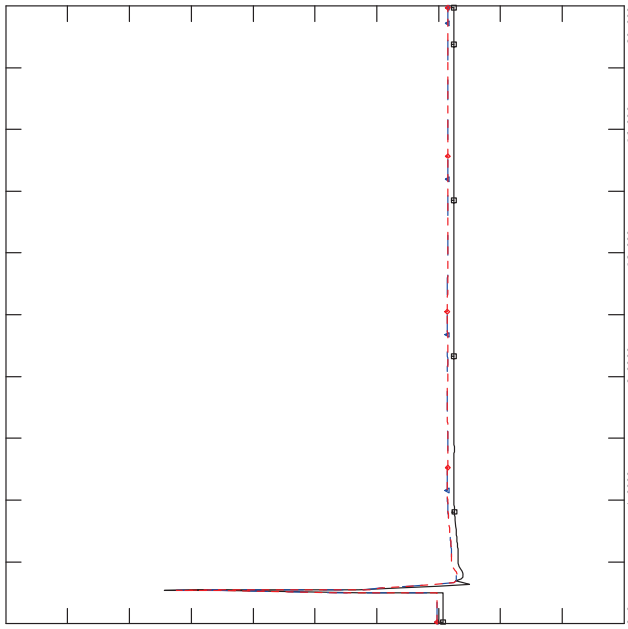
TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
0.84900 -1.002

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.84810 -1.003

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.1407 -1.096



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_22_9L27_PAINTEARTH

FILE: Scn5_2028SL_22_9L27_Paintearth.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4386 0.28230

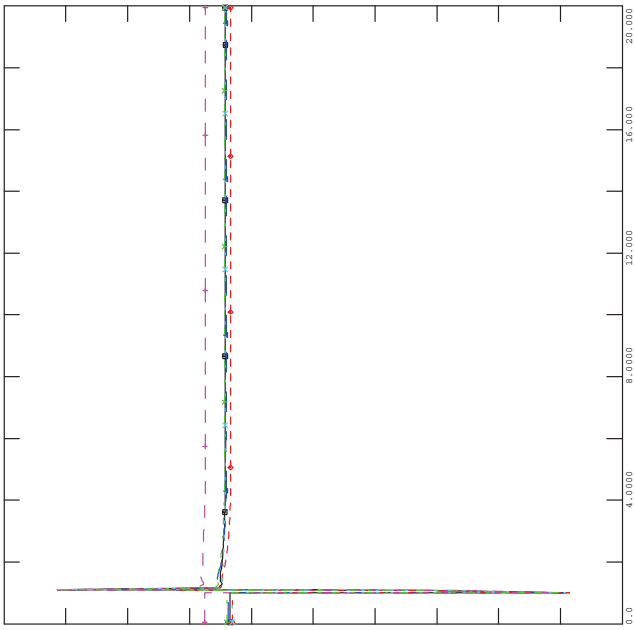
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5442 0.25950

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3809 0.30540

CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4536 0.28390

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4396 0.27730

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4653 0.27740



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_22_9L27_PAINTEARTH

FILE: Scn5_2028SL_22_9L27_Paintearth.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [88SL P]
546.15 -347.5

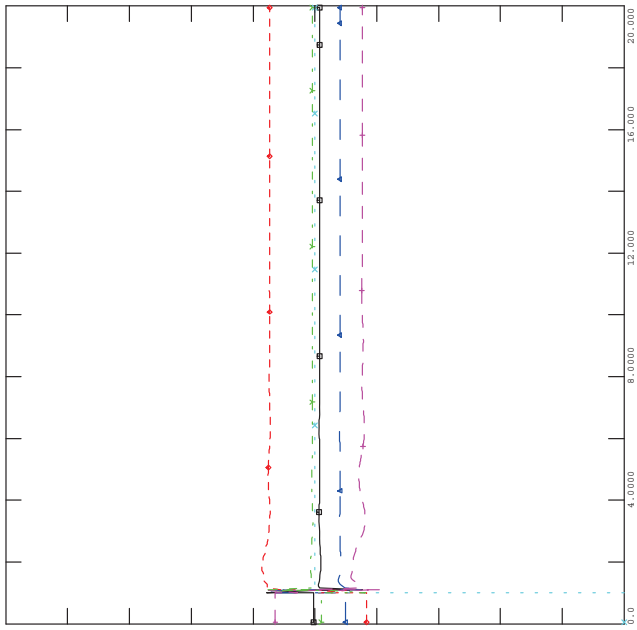
CHNL# 553: [9L27 P]
5000.0 -5000.

CHNL# 551: [9L966 P]
227.32 -191.9

CHNL# 549: [954L P]
75.183 -65.43

CHNL# 547: [9L20 P]
926.94 -1344.

CHNL# 545: [398L P]
82.879 -129.5



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_22_9L27_PAINTEARTH

FILE: Scn5_2028SL_22_9L27_Paintearth.out

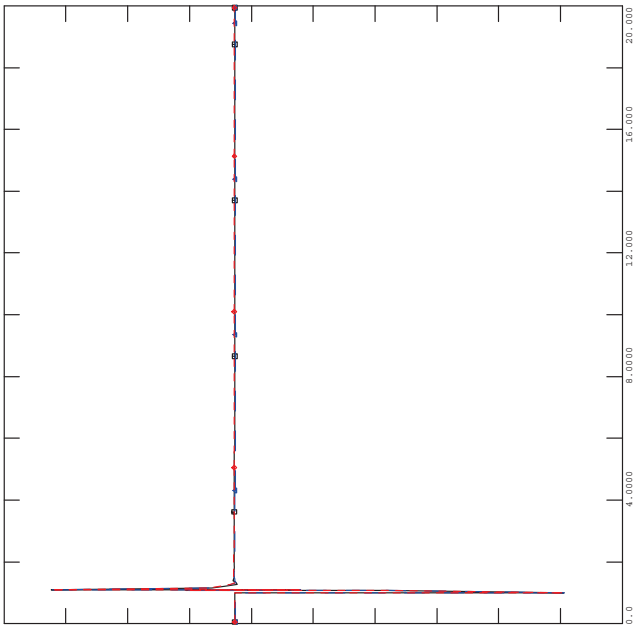
TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV_G1 0.6900]G1]
1.4309 0.19320

CHNL# 467: [ETRM563092[EASTERV_G2 0.6900]G2]
1.4307 0.19300

CHNL# 466: [ETRM562092[EASTERV_G3 0.6900]G3]
1.4260 0.19990



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_22_9L27_PAINTEARTH

FILE: Scn5_2028SL_22_9L27_Paintearth.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

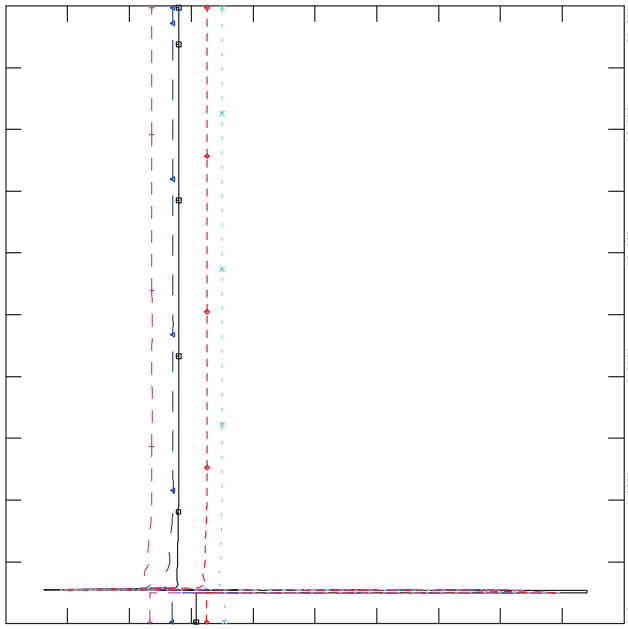
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.4830 0.26230

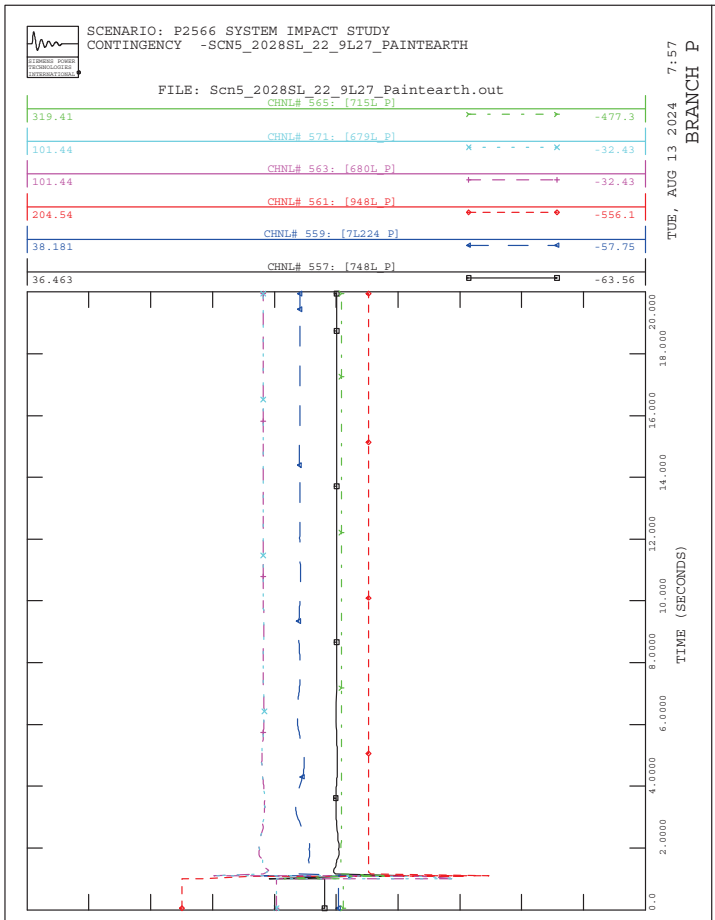
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2698 0.33100

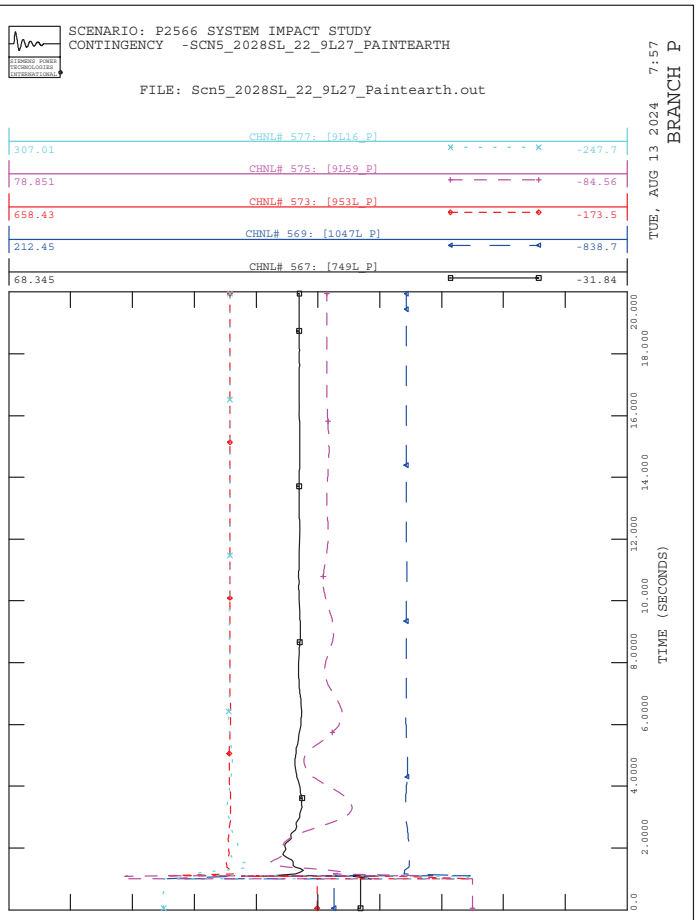
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4265 0.29560

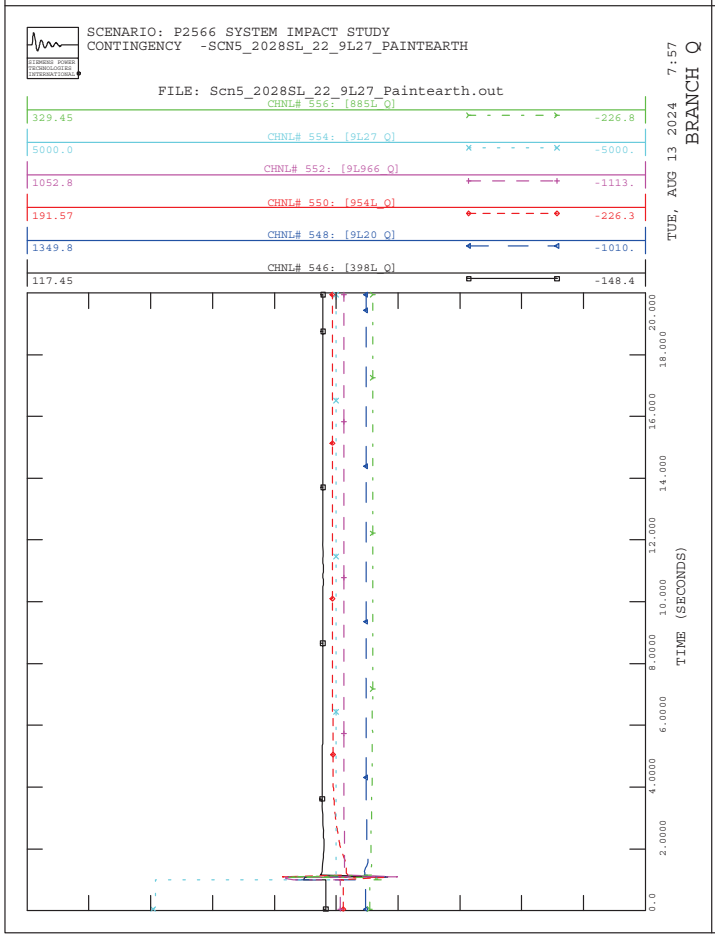
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2251 0.55050

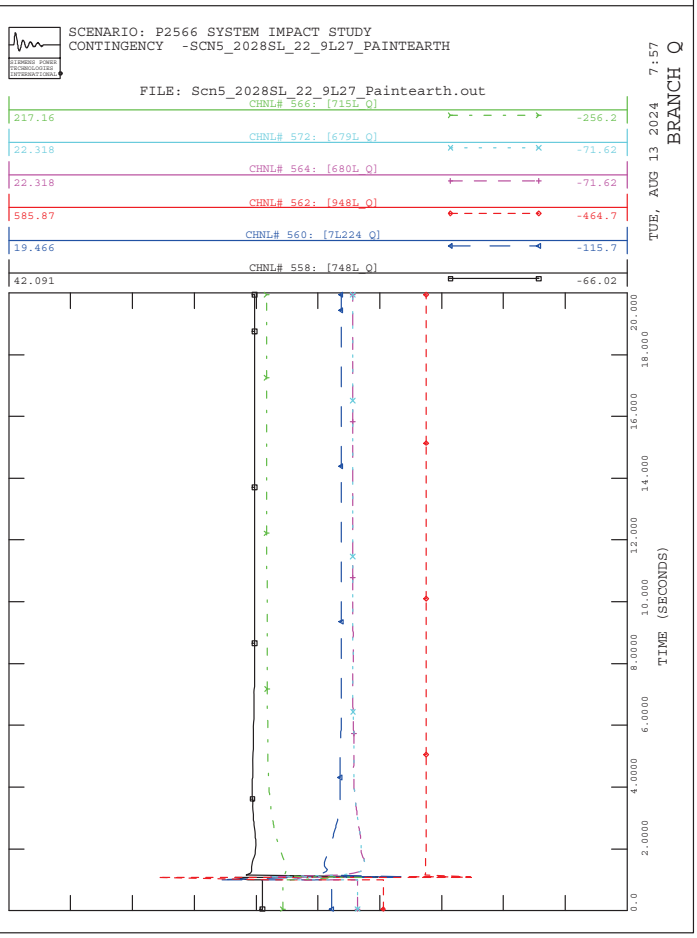
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.5676 -0.0993




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_22_9L27_PAINTEARTH
FILE: Scn5_2028SL_22_9L27_Paintearth.out
CHNL# 565: [715L P]
319.41
-477.3
CHNL# 571: [679L P]
101.44
-32.43
CHNL# 563: [680L P]
101.44
-32.43
CHNL# 561: [948L P]
204.54
-556.1
CHNL# 559: [7L224 P]
38.181
-57.75
CHNL# 557: [748L P]
36.463
-63.56
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_22_9L27_PAINTEARTH
FILE: Scn5_2028SL_22_9L27_Paintearth.out
CHNL# 577: [9L16 P]
307.01
-247.7
CHNL# 575: [9L59 P]
78.851
-84.56
CHNL# 573: [953L P]
658.43
-173.5
CHNL# 569: [1047L P]
212.45
-838.7
CHNL# 567: [749L P]
68.345
-31.84
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_22_9L27_PAINTEARTH
FILE: Scn5_2028SL_22_9L27_Paintearth.out
CHNL# 556: [885L Q]
329.45
-226.8
CHNL# 554: [9L27 Q]
5000.0
-5000.
CHNL# 552: [9L966 Q]
1052.8
-1113.
CHNL# 550: [954L Q]
191.57
-226.3
CHNL# 548: [9L20 Q]
1349.8
-1010.
CHNL# 546: [398L Q]
117.45
-148.4
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

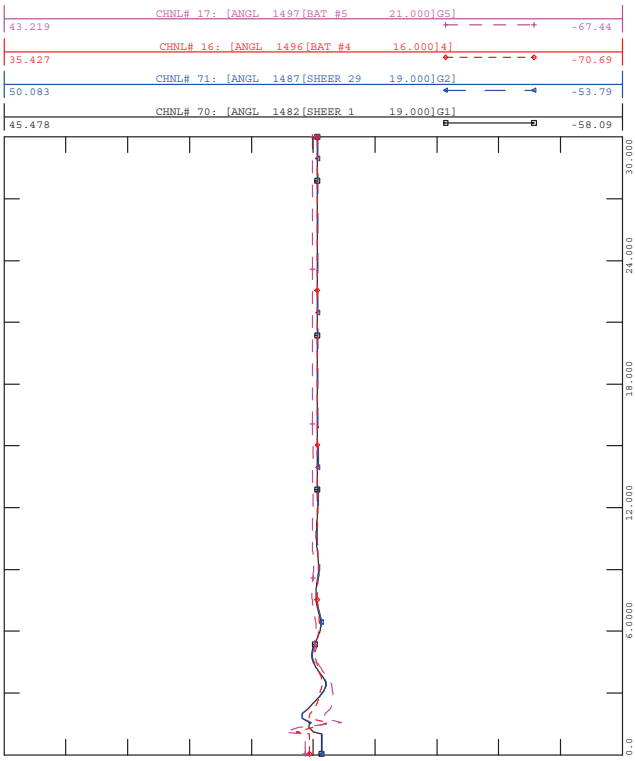

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_22_9L27_PAINTEARTH
FILE: Scn5_2028SL_22_9L27_Paintearth.out
CHNL# 566: [715L Q]
217.16
-256.2
CHNL# 572: [679L Q]
22.318
-71.62
CHNL# 564: [680L Q]
22.318
-71.62
CHNL# 562: [948L Q]
585.87
-464.7
CHNL# 560: [7L224 Q]
19.466
-115.7
CHNL# 558: [748L Q]
42.091
-66.02
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_23_9L27_CORDEL

FILE: Scn5_2028SL_23_9L27_Cordel.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

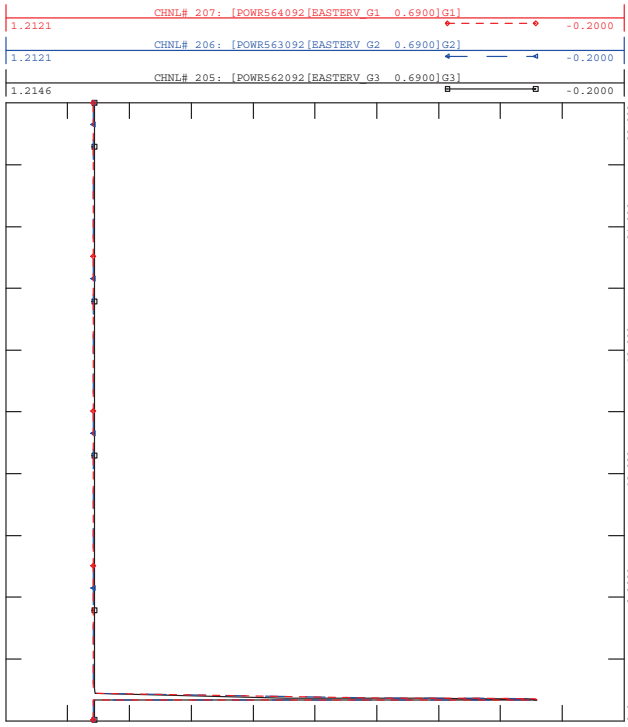


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_23_9L27_CORDEL

FILE: Scn5_2028SL_23_9L27_Cordel.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

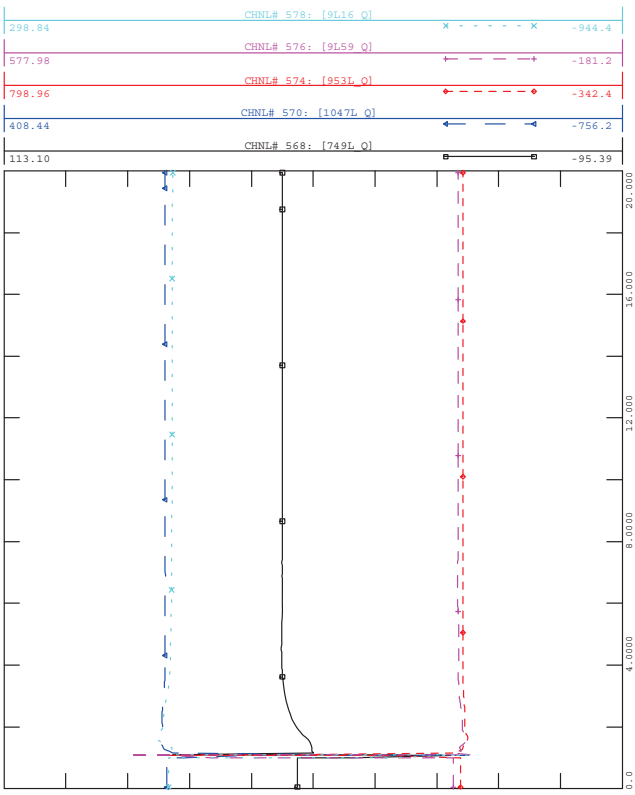


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_22_9L27_PAINTEARTH

FILE: Scn5_2028SL_22_9L27_Paintearth.out

TUE, AUG 13 2024 7:57

BRANCH Q

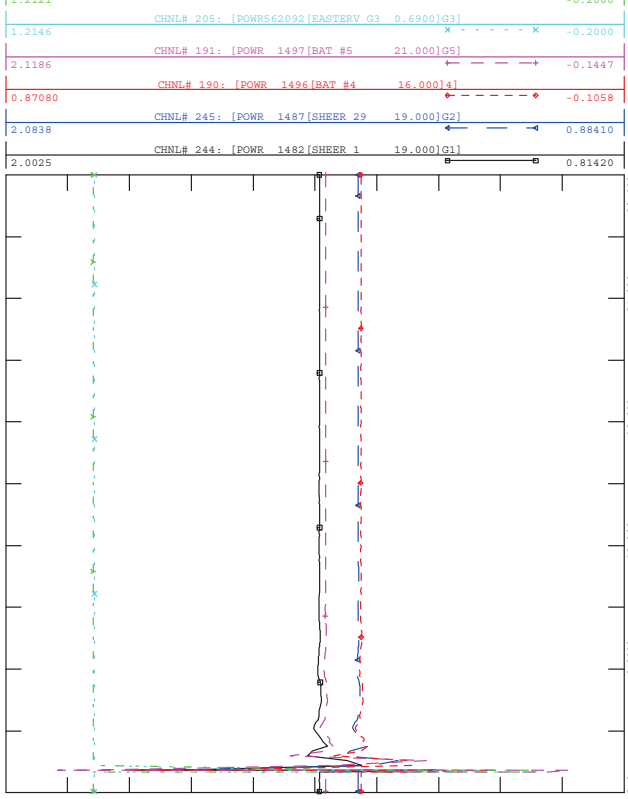


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_23_9L27_CORDEL

FILE: Scn5_2028SL_23_9L27_Cordel.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

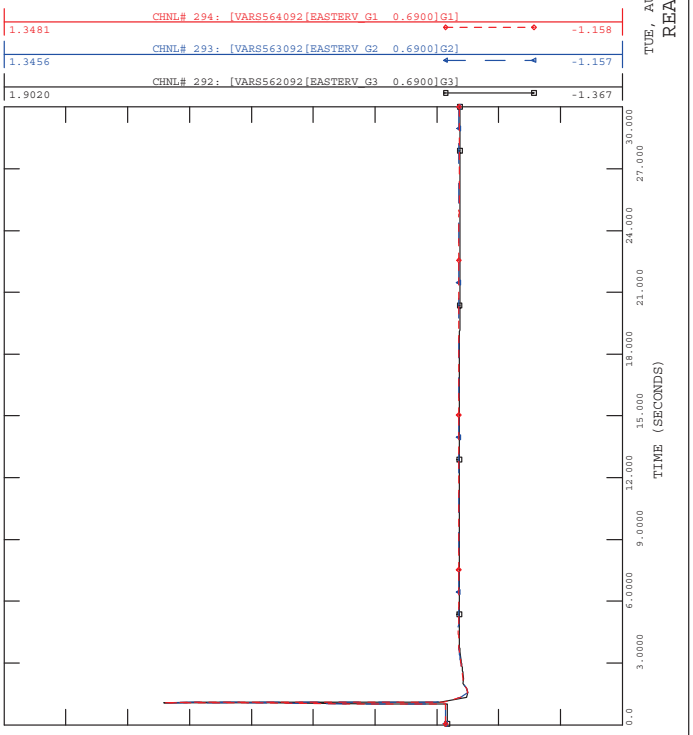


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_23_9L27_CORDEL

FILE: Scn5_2028SL_23_9L27_Cordel.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

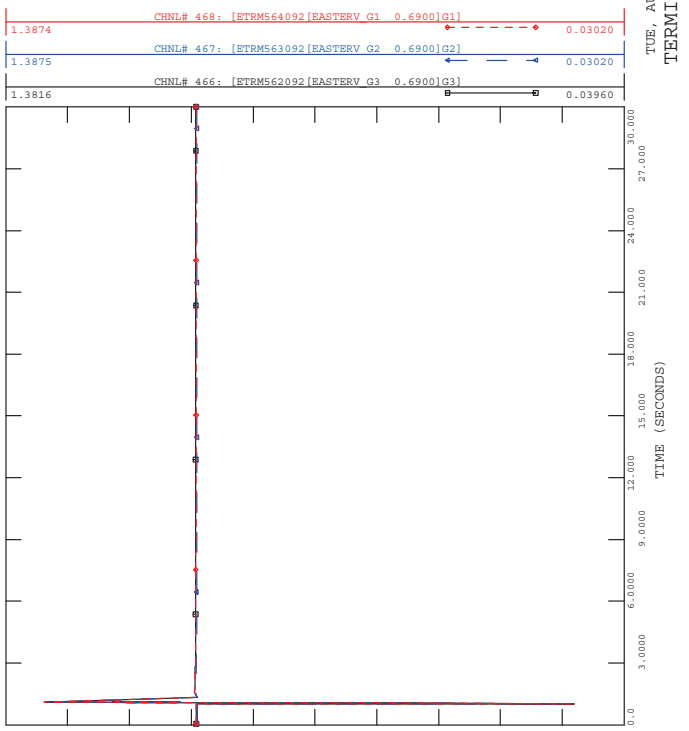


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_23_9L27_CORDEL

FILE: Scn5_2028SL_23_9L27_Cordel.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

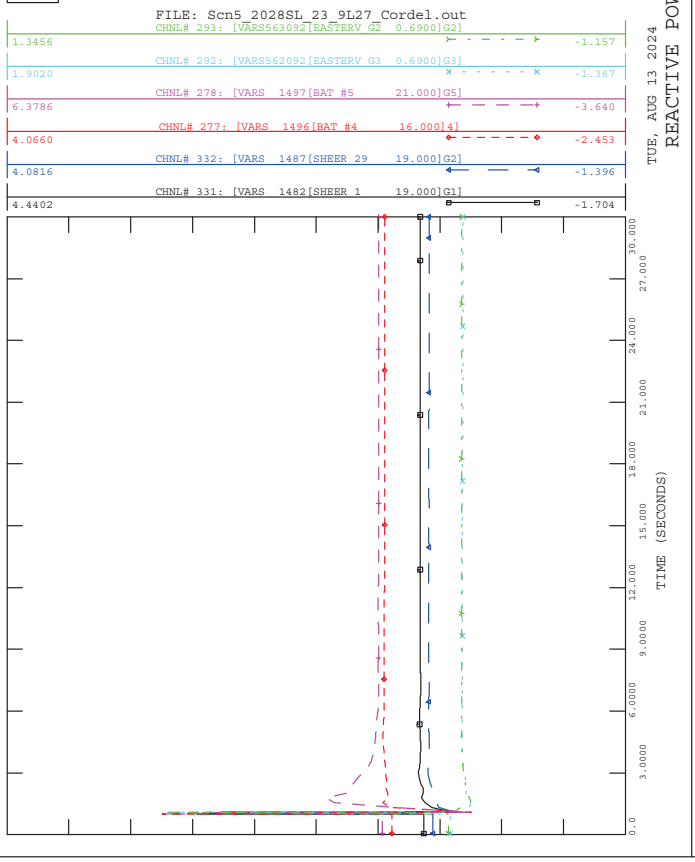


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_23_9L27_CORDEL

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TUE, AUG 13 2024 7:57

REACTIVE POWER

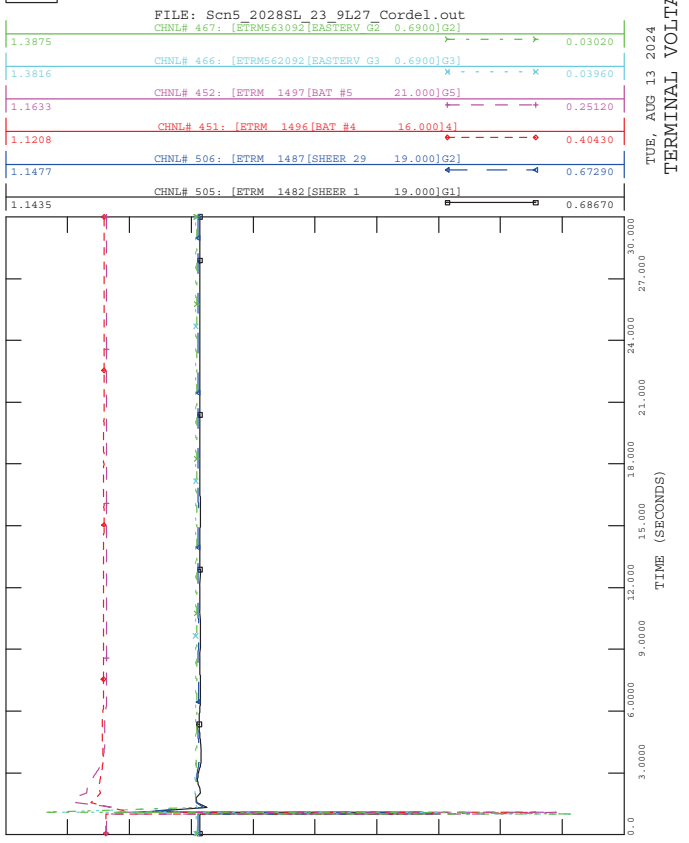


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_23_9L27_CORDEL

FILE: Scn5_2028SL_23_9L27_Cordel.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE



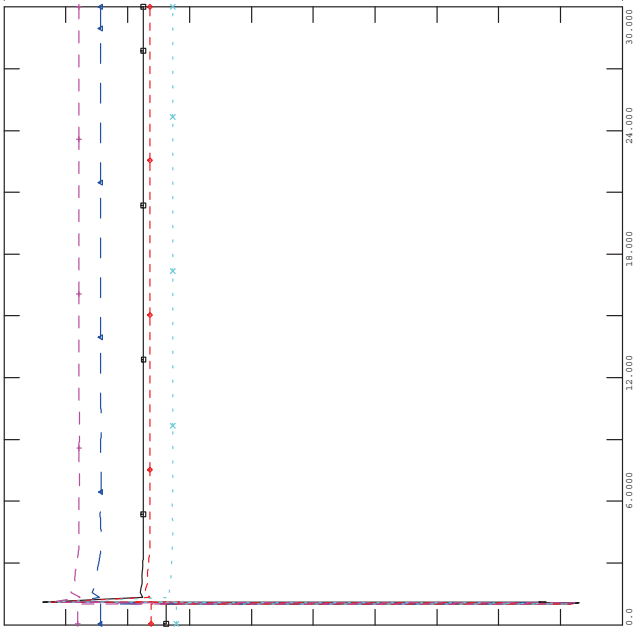
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_23_9L27_CORDEL

FILE: Scn5_2028SL_23_9L27_Cordel.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.4198 0.09790
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2061 -0.0911
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3636 0.08240
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.1828 0.28990
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.4367 -0.0214



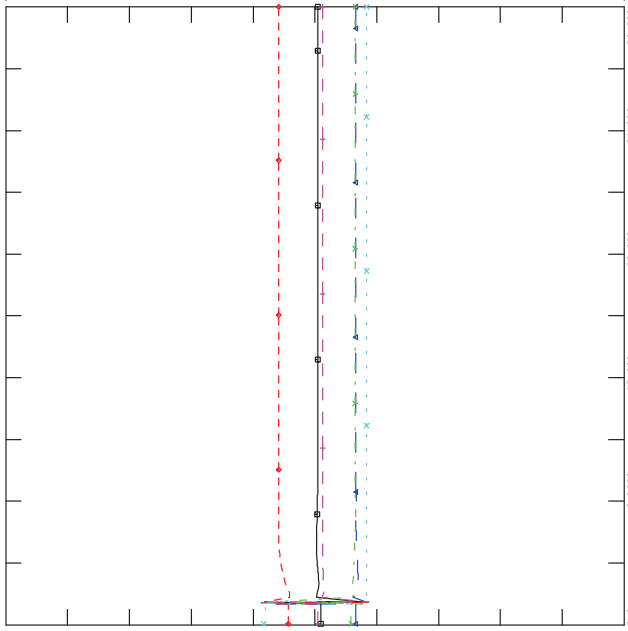
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_23_9L27_CORDEL

FILE: Scn5_2028SL_23_9L27_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [88SL Q]
247.45 -157.4
CHNL# 554: [9L27 Q]
92.270 -65.91
CHNL# 552: [9L966 Q]
1120.4 -1190.
CHNL# 550: [954L Q]
273.01 -372.4
CHNL# 548: [9L20 Q]
1191.3 -813.7
CHNL# 546: [398L Q]
127.30 -144.3



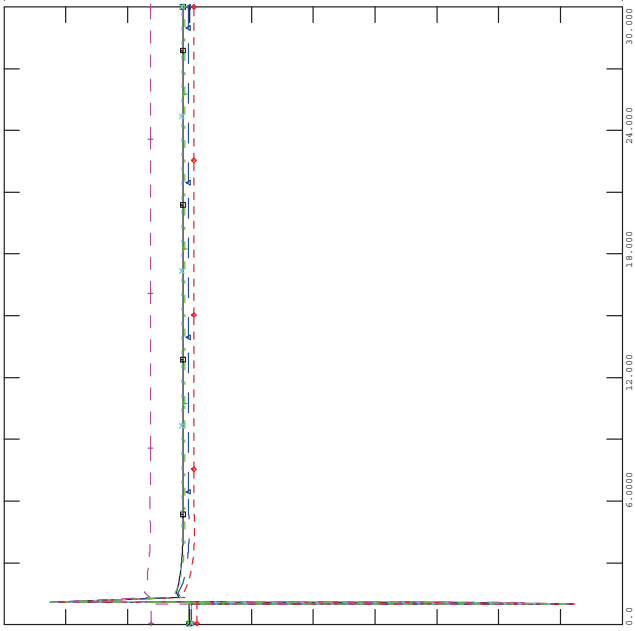
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_23_9L27_CORDEL

FILE: Scn5_2028SL_23_9L27_Cordel.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.3842 0.16650
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4732 0.14120
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3206 0.10630
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.3999 0.18590
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.3872 0.16980
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4037 0.15830



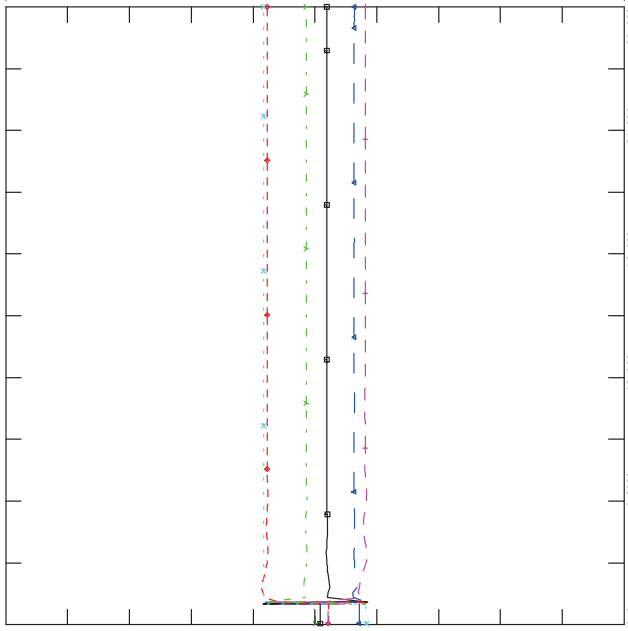
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_23_9L27_CORDEL

FILE: Scn5_2028SL_23_9L27_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [88SL P]
534.31 -352.3
CHNL# 553: [9L27 P]
561.75 -786.5
CHNL# 551: [9L966 P]
549.91 -420.3
CHNL# 549: [954L P]
109.87 -113.9
CHNL# 547: [9L20 P]
1102.9 -1388.
CHNL# 545: [398L P]
69.900 -112.6



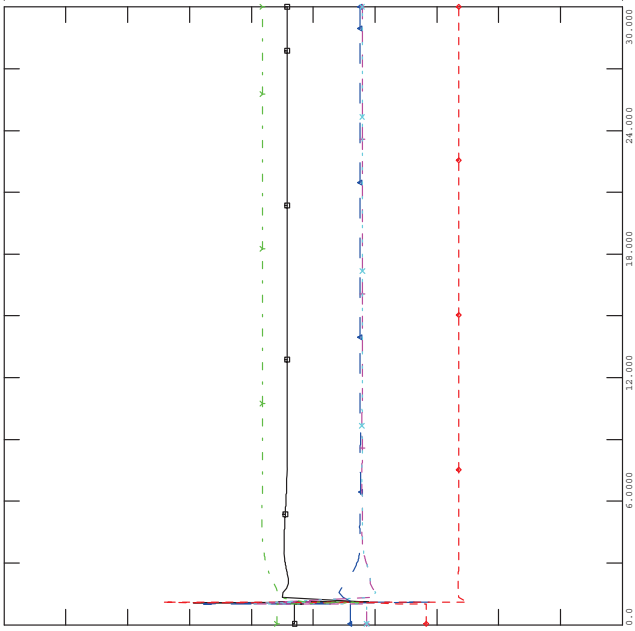
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_23_9L27_CORDEL

FILE: Scn5_2028SL_23_9L27_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 566: [715L Q] 287.70 -347.3
CHNL# 572: [679L Q] 27.868 -71.88
CHNL# 564: [680L Q] 27.868 -71.88
CHNL# 562: [948L Q] 1283.7 -669.0
CHNL# 560: [7L224 Q] 24.735 -110.8
CHNL# 558: [748L Q] 50.847 -62.09



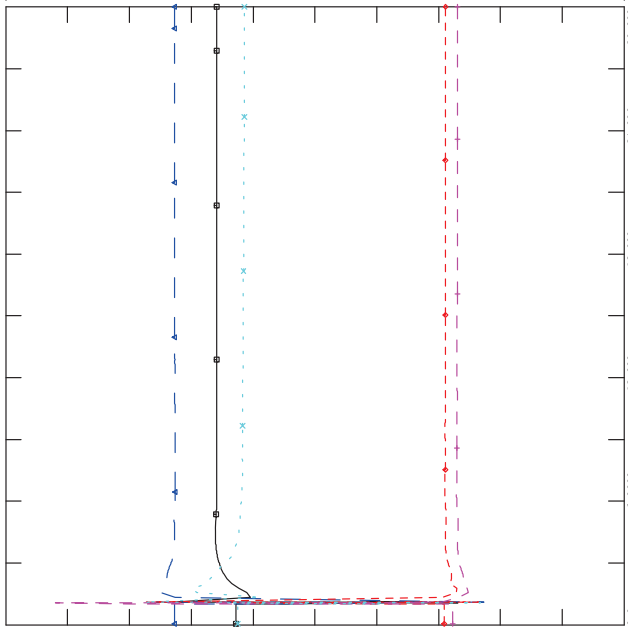
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_23_9L27_CORDEL

FILE: Scn5_2028SL_23_9L27_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16 Q] 178.00 -381.6
CHNL# 576: [9L59 Q] 625.36 -203.5
CHNL# 574: [953L Q] 430.74 -237.9
CHNL# 570: [1047L Q] 293.20 -408.0
CHNL# 568: [749L Q] 103.93 -137.0



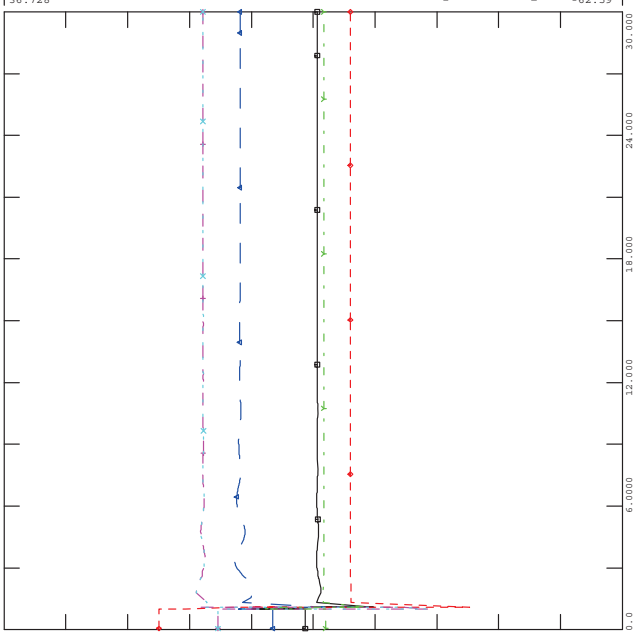
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_23_9L27_CORDEL

FILE: Scn5_2028SL_23_9L27_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 565: [715L P] 303.95 -450.1
CHNL# 571: [679L P] 91.498 -36.13
CHNL# 563: [680L P] 91.498 -36.13
CHNL# 561: [948L P] 199.61 -541.3
CHNL# 559: [7L224 P] 36.425 -70.65
CHNL# 557: [748L P] 36.728 -62.59



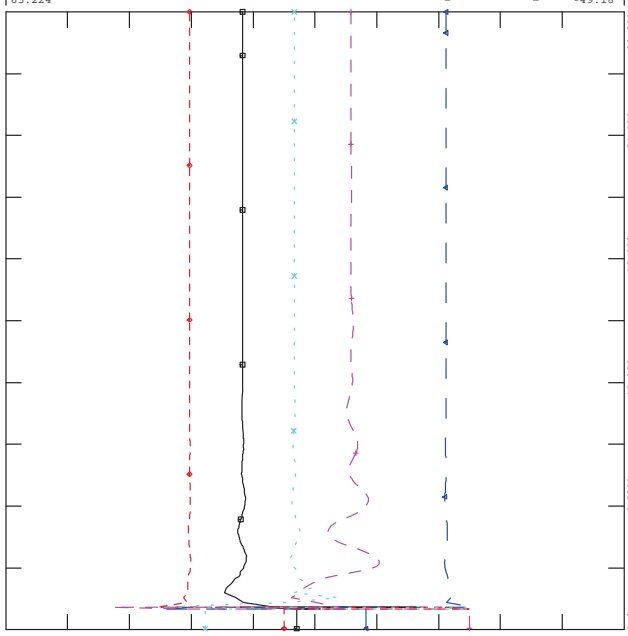
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_23_9L27_CORDEL

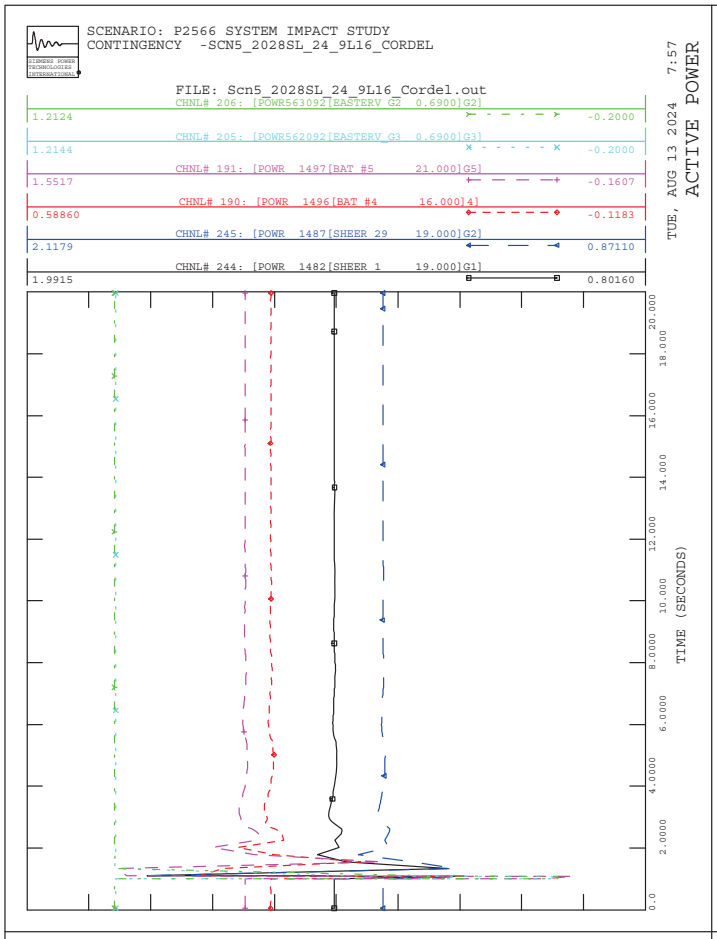
FILE: Scn5_2028SL_23_9L27_Cordel.out

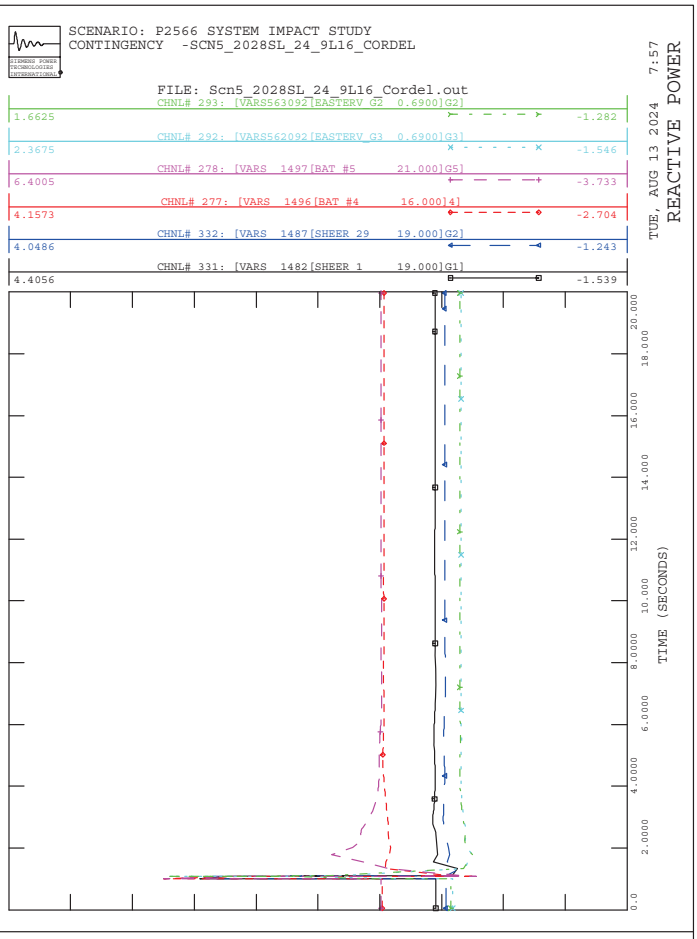
TUE, AUG 13 2024 7:57

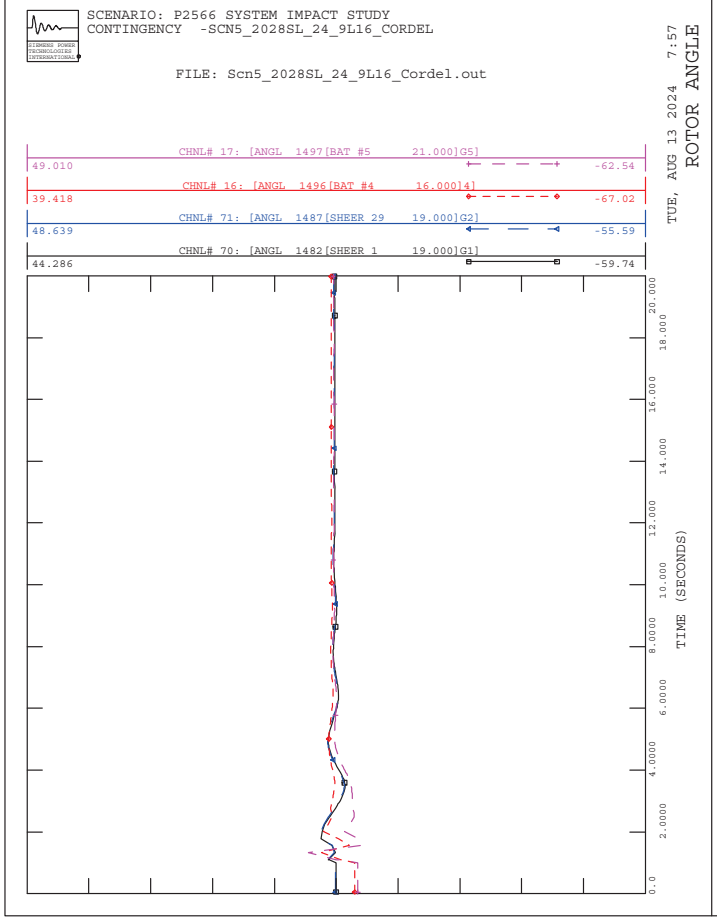
BRANCH P

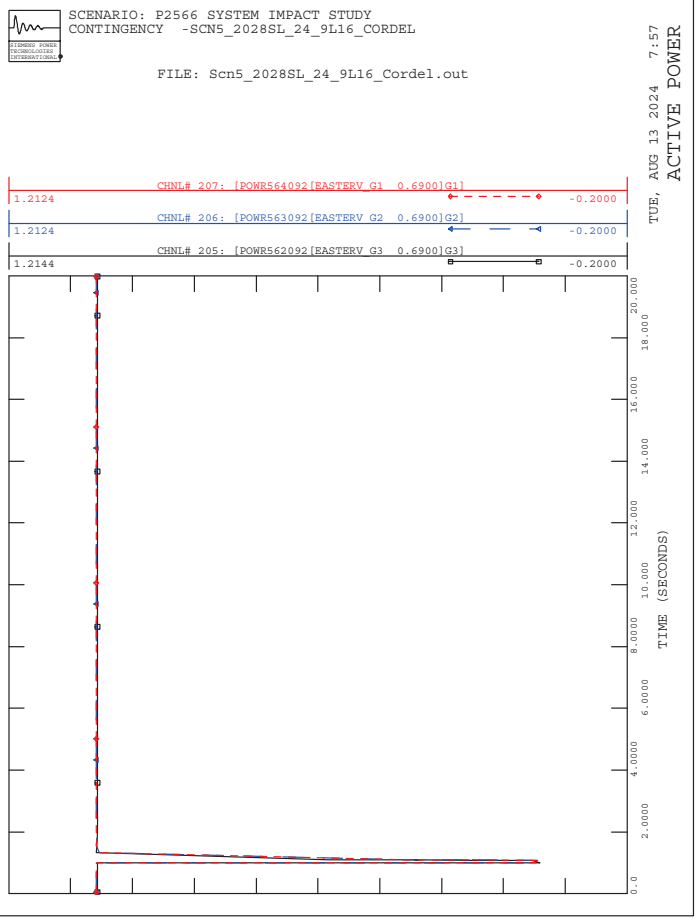
CHNL# 577: [9L16 P] 301.22 -110.7
CHNL# 575: [9L59 P] 106.23 -93.69
CHNL# 573: [953L P] 589.66 -179.1
CHNL# 569: [1047L P] 218.57 -740.5
CHNL# 567: [749L P] 65.224 -49.18

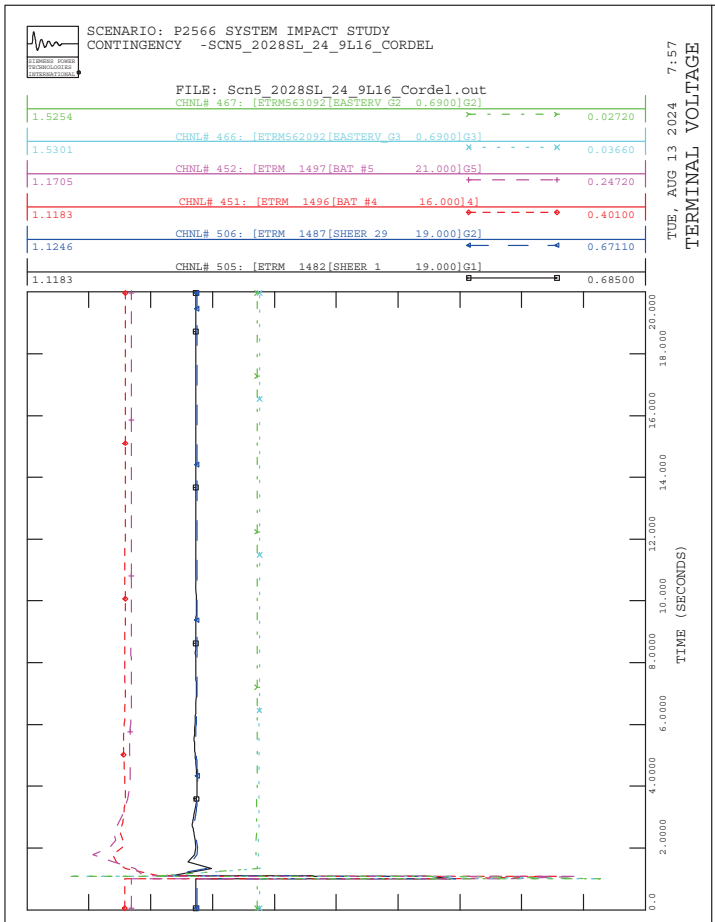


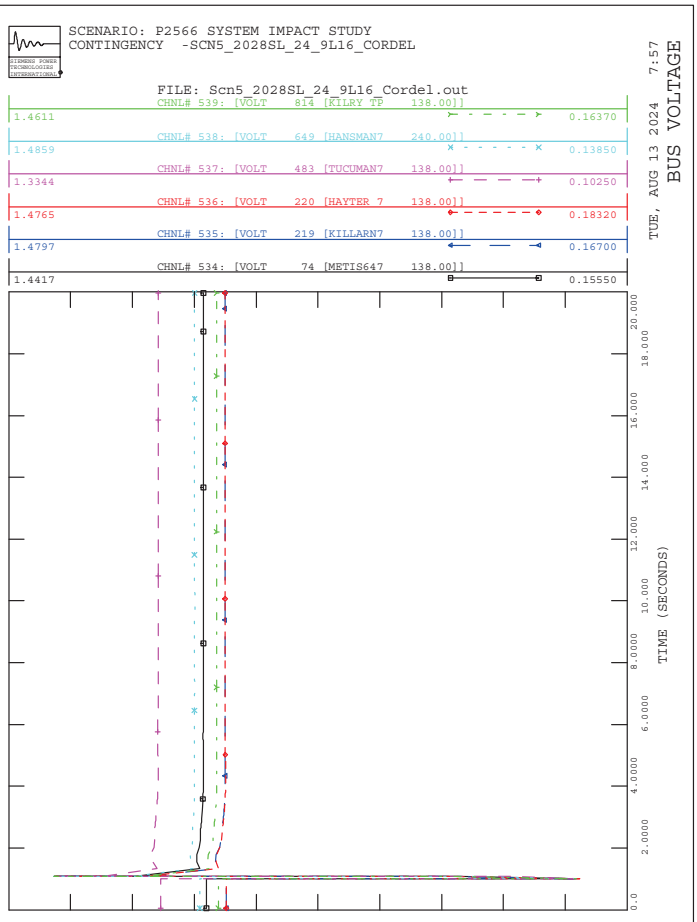

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_24_9L16_CORDEL
FILE: Scn5_2028SL_24_9L16_Cordel.out
CHNL# 206: [POWRS63092[EASTERV G2 0.6900]G2]
1.2124
-0.2000
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2144
-0.2000
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.5517
-0.1607
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.58860
-0.1183
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
2.1179
0.87110
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
1.9915
0.80160
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

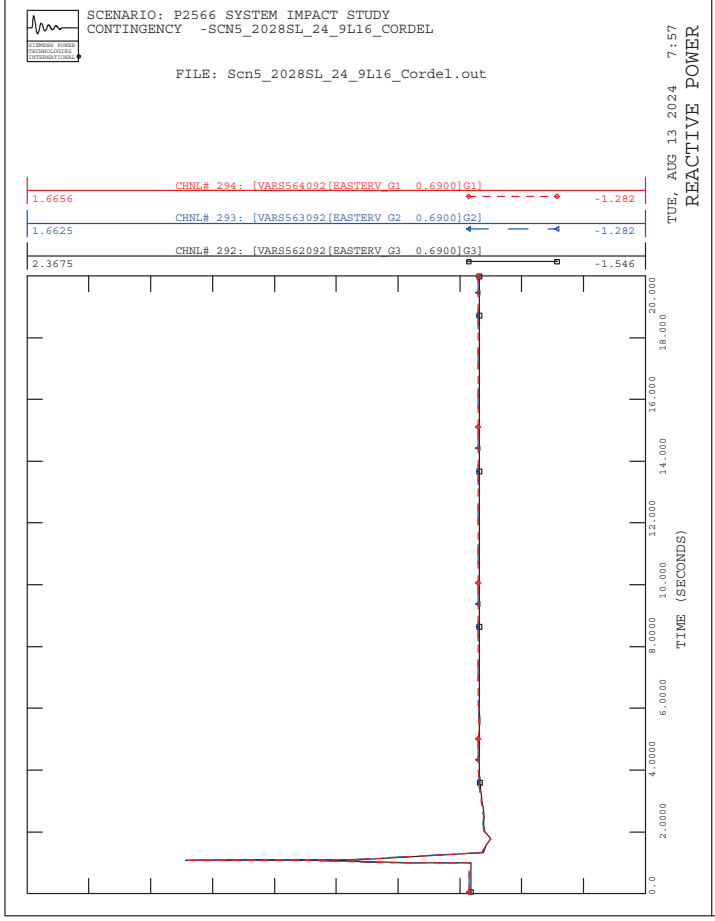

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_24_9L16_CORDEL
FILE: Scn5_2028SL_24_9L16_Cordel.out
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.6625
-1.282
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
2.3675
-1.546
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
6.4005
-3.733
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
4.1573
-2.704
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
4.0486
-1.243
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
4.4056
-1.539
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

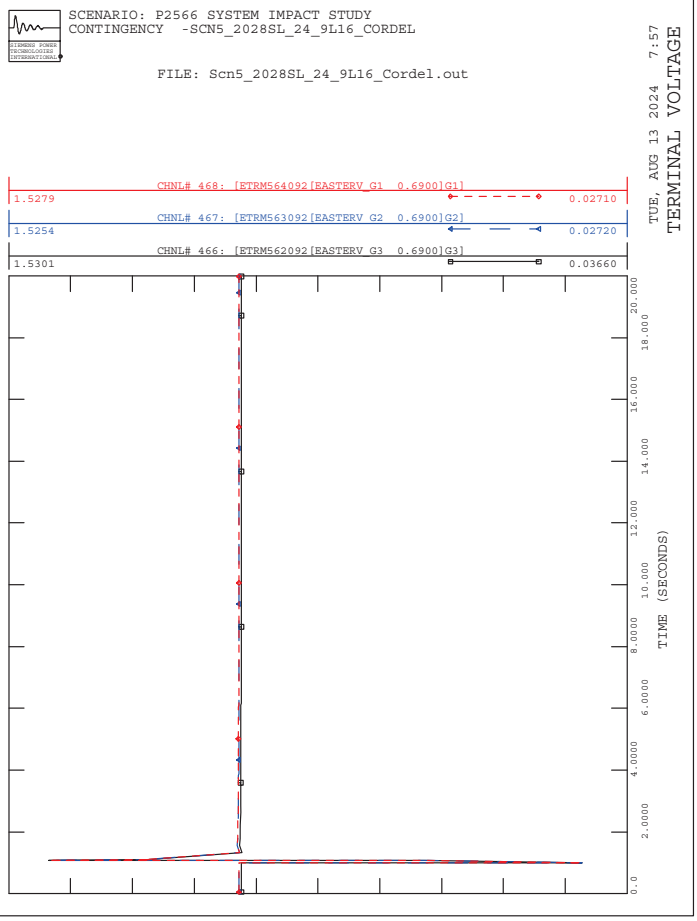

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_24_9L16_CORDEL
FILE: Scn5_2028SL_24_9L16_Cordel.out
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
49.010
-62.54
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
39.418
-67.02
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
48.639
-55.59
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
44.286
-59.74
TUE, AUG 13 2024 7:57
ROTOR ANGLE
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

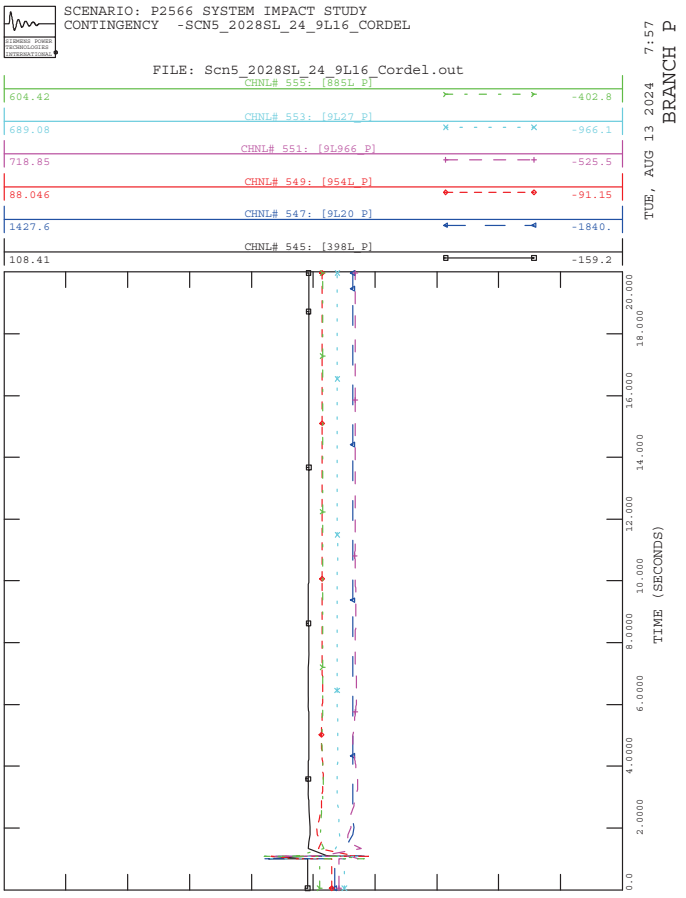

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_24_9L16_CORDEL
FILE: Scn5_2028SL_24_9L16_Cordel.out
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2124
-0.2000
CHNL# 206: [POWRS63092[EASTERV G2 0.6900]G2]
1.2124
-0.2000
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2144
-0.2000
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

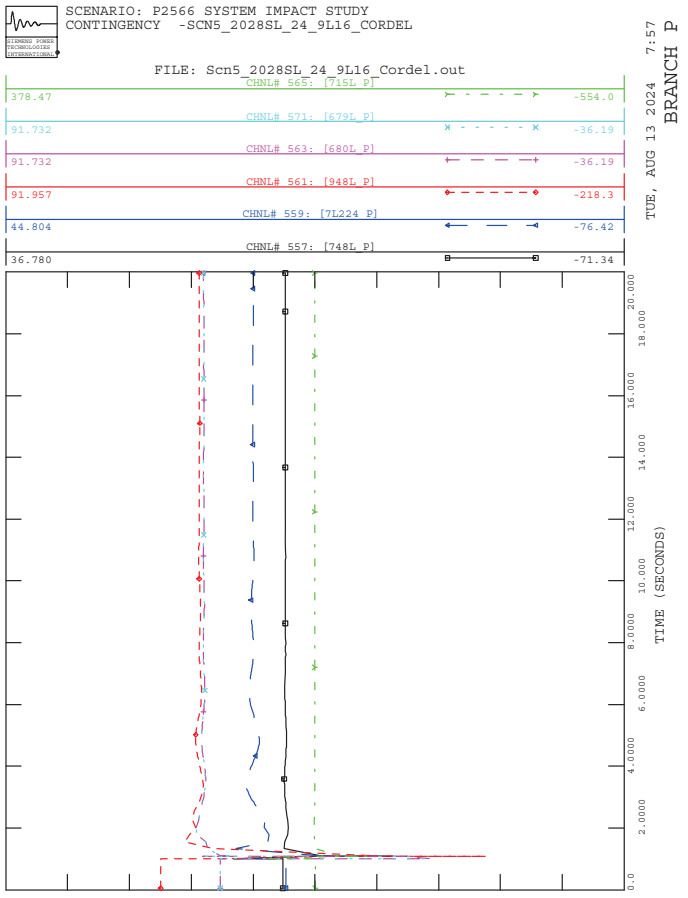

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_24_9L16_CORDEL
FILE: Scn5_2028SL_24_9L16_Cordel.out
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5254
0.02720
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5301
0.03660
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1705
0.24720
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
1.1183
0.40100
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1246
0.67110
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1183
0.68500
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

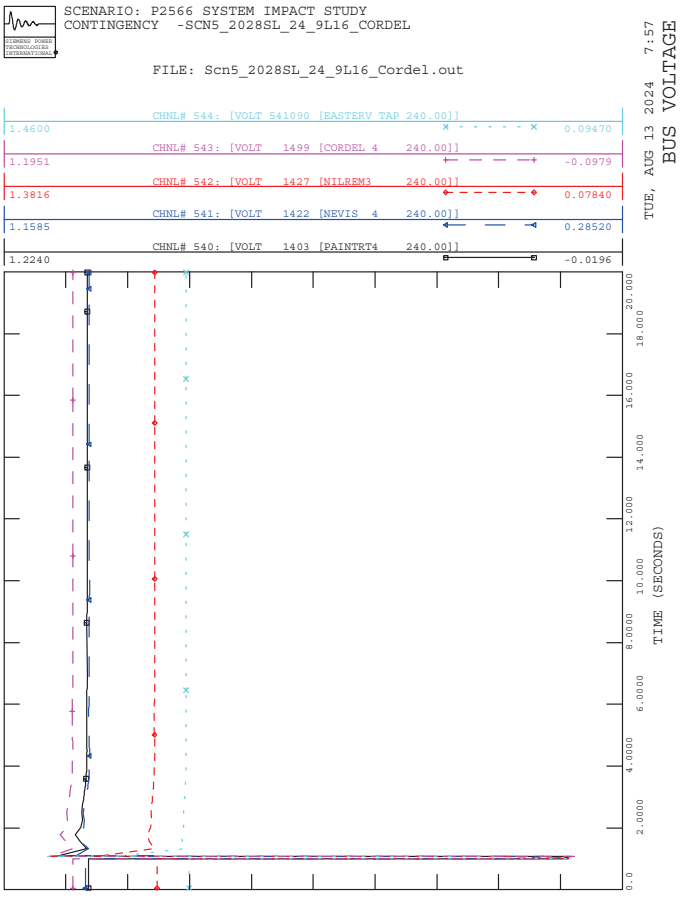

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_24_9L16_CORDEL
FILE: Scn5_2028SL_24_9L16_Cordel.out
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4611
0.16370
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4859
0.13850
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3344
0.10250
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4765
0.18320
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4797
0.16700
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4417
0.15550
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

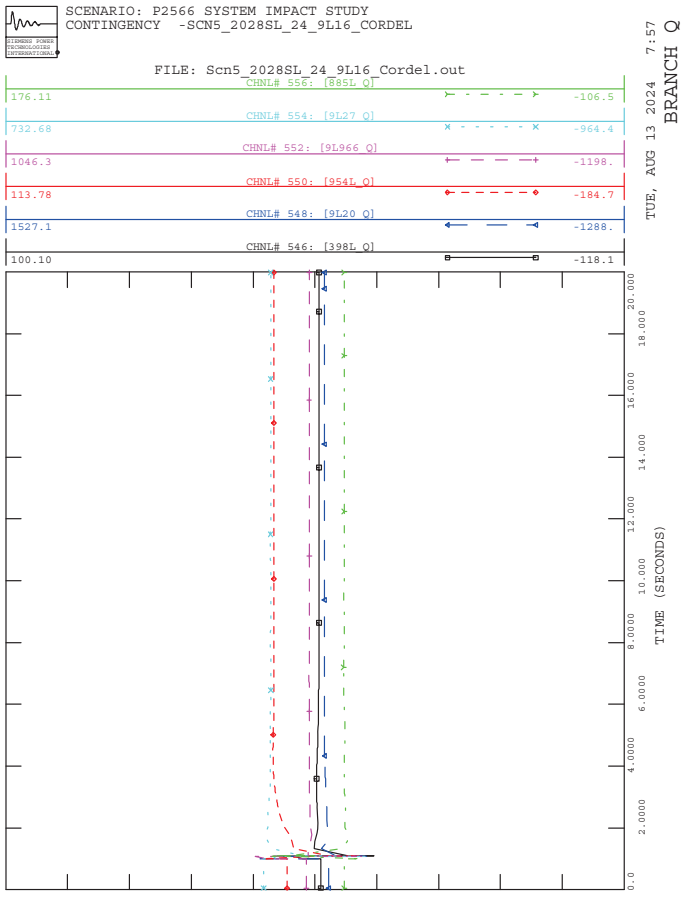

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_24_9L16_CORDEL
FILE: Scn5_2028SL_24_9L16_Cordel.out
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.6656
-1.282
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.6625
-1.282
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
2.3675
-1.546
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

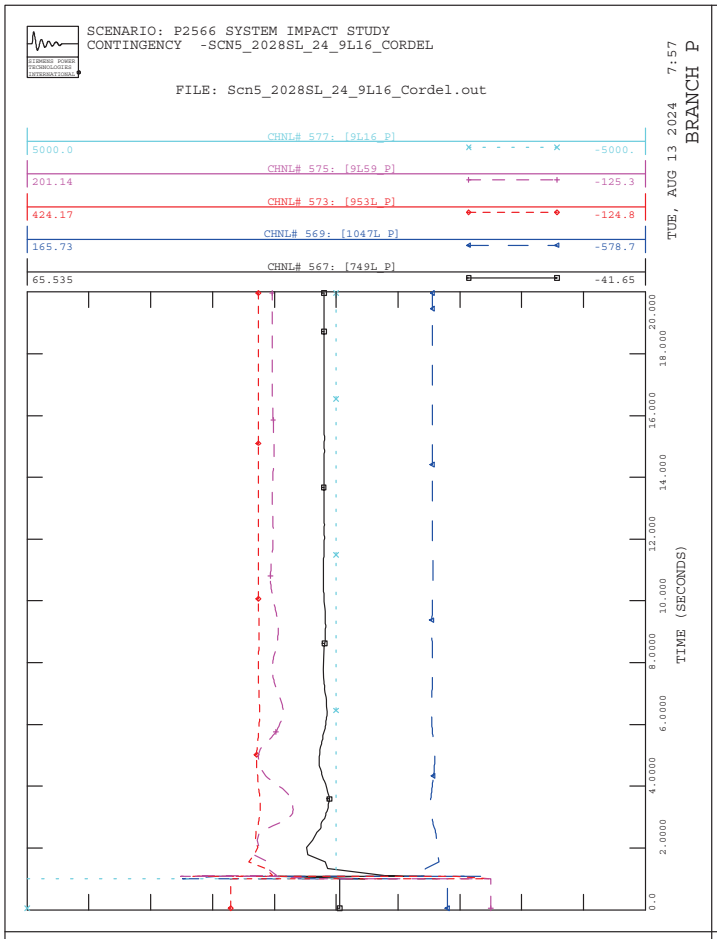

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_24_9L16_CORDEL
FILE: Scn5_2028SL_24_9L16_Cordel.out
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.5279
0.02710
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5254
0.02720
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5301
0.03660
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

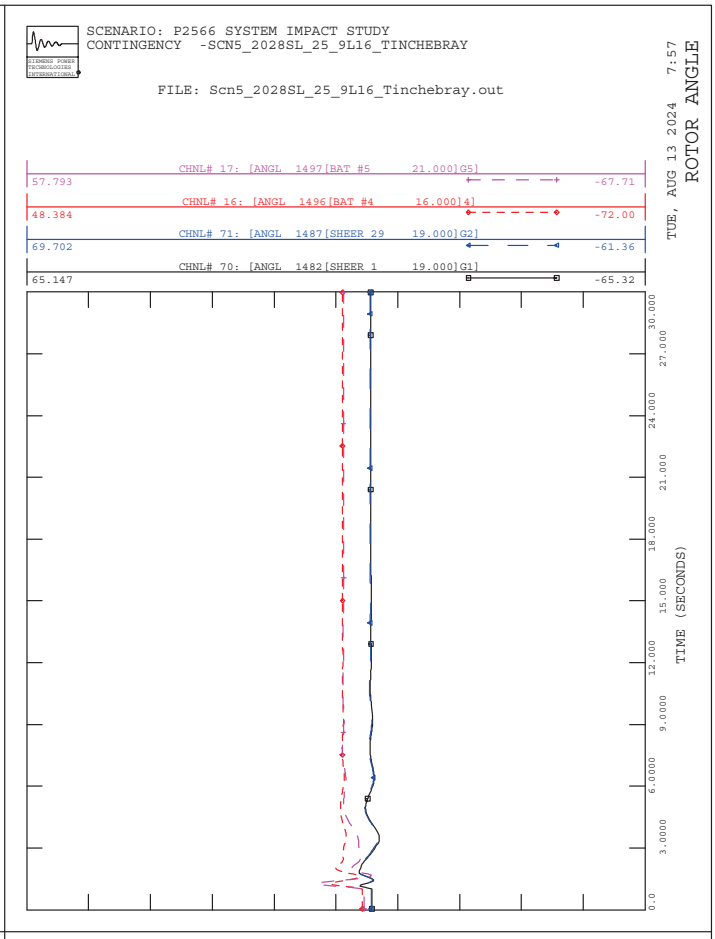

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_24_9L16_CORDEL
FILE: Scn5_2028SL_24_9L16_Cordel.out
CHNL# 555: [88SL P]
604.42
-402.8
CHNL# 553: [9L27 P]
689.08
-966.1
CHNL# 551: [9L966 P]
718.85
-525.5
CHNL# 549: [954L P]
88.046
-91.15
CHNL# 547: [9L20 P]
1427.6
-1840.
CHNL# 545: [398L P]
108.41
-159.2
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

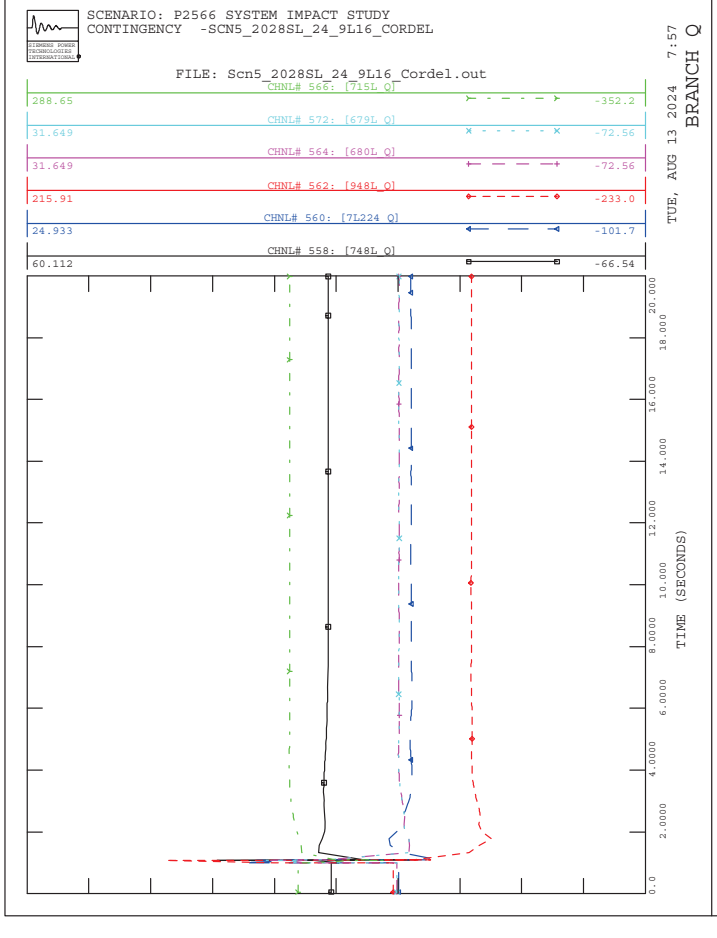

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_24_9L16_CORDEL
FILE: Scn5_2028SL_24_9L16_Cordel.out
CHNL# 565: [71SL P]
378.47
-554.0
CHNL# 571: [679L P]
91.732
-36.19
CHNL# 563: [680L P]
91.732
-36.19
CHNL# 561: [948L P]
91.957
-218.3
CHNL# 559: [7L224 P]
44.804
-76.42
CHNL# 557: [748L P]
36.780
-71.34
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

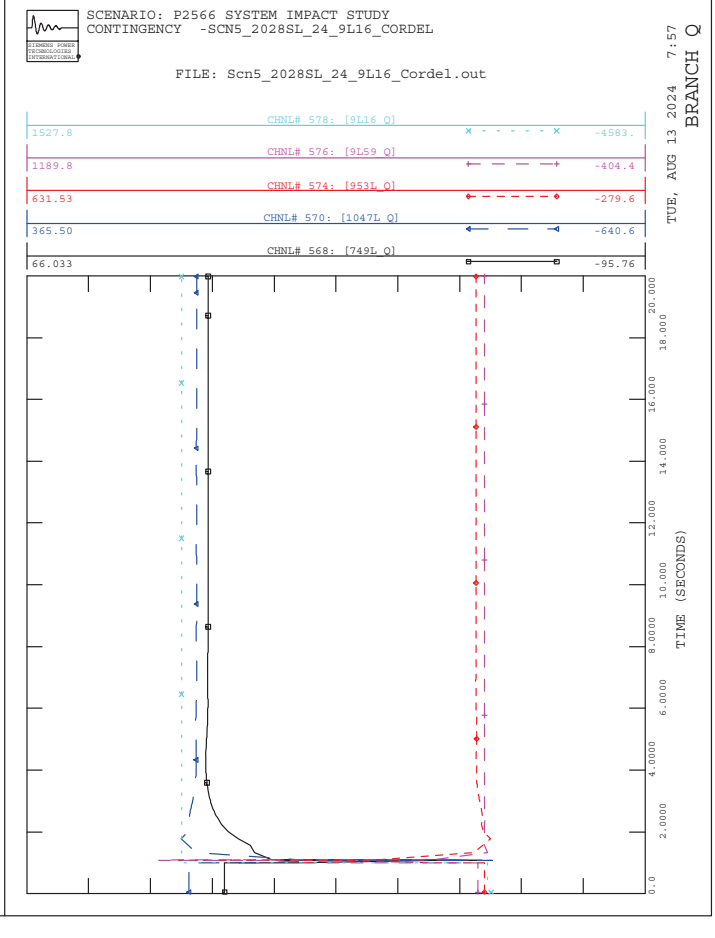

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_24_9L16_CORDEL
FILE: Scn5_2028SL_24_9L16_Cordel.out
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.4600
0.09470
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.1951
-0.0979
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3816
0.07840
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.1585
0.28520
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2240
-0.0196
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_24_9L16_CORDEL
FILE: Scn5_2028SL_24_9L16_Cordel.out
CHNL# 556: [88SL Q]
176.11
-106.5
CHNL# 554: [9L27 Q]
732.68
-964.4
CHNL# 552: [9L966 Q]
1046.3
-1198.
CHNL# 550: [954L Q]
113.78
-184.7
CHNL# 548: [9L20 Q]
1527.1
-1288.
CHNL# 546: [398L Q]
100.10
-118.1
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_24_9L16_CORDEL
FILE: Scn5_2028SL_24_9L16_Cordel.out
CHNL# 577: [9L16_P]
5000.0
-5000.
CHNL# 575: [9L59_P]
201.14
-125.3
CHNL# 573: [953L_P]
424.17
-124.8
CHNL# 569: [1047L_P]
165.73
-578.7
CHNL# 567: [749L_P]
65.535
-41.65
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_25_9L16_TINCHEBRAY
FILE: Scn5_2028SL_25_9L16_Tinchebray.out
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
57.793
-67.71
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
48.384
-72.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
69.702
-61.36
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
65.147
-65.32
TUE, AUG 13 2024 7:57
ROTOR ANGLE
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_24_9L16_CORDEL
FILE: Scn5_2028SL_24_9L16_Cordel.out
CHNL# 566: [715L_Q]
288.65
-352.2
CHNL# 572: [679L_Q]
31.649
-72.56
CHNL# 564: [680L_Q]
31.649
-72.56
CHNL# 562: [948L_Q]
215.91
-233.0
CHNL# 560: [7L224_Q]
24.933
-101.7
CHNL# 558: [748L_Q]
60.112
-66.54
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)

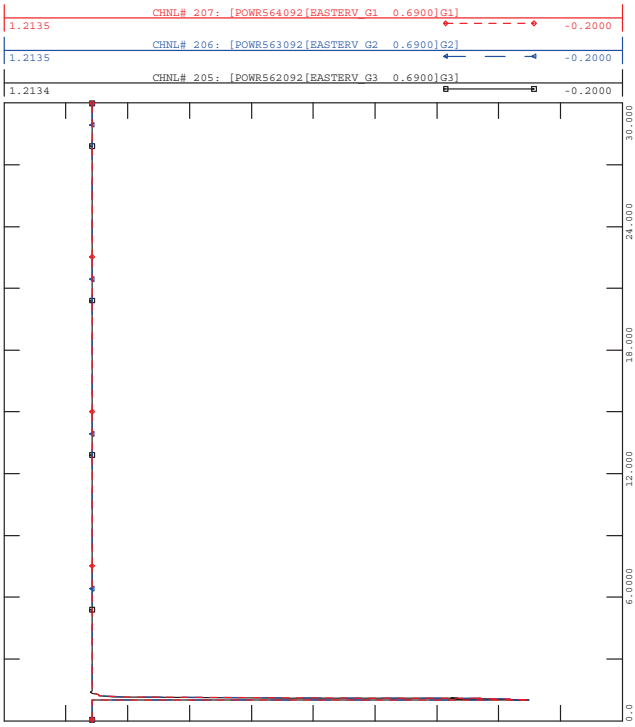

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_24_9L16_CORDEL
FILE: Scn5_2028SL_24_9L16_Cordel.out
CHNL# 578: [9L16_Q]
1527.8
-4583.
CHNL# 576: [9L59_Q]
1189.8
-404.4
CHNL# 574: [953L_Q]
631.53
-279.6
CHNL# 570: [1047L_Q]
365.50
-640.6
CHNL# 568: [749L_Q]
66.033
-95.76
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_25_9L16_TINCHEBRAY

FILE: Scn5_2028SL_25_9L16_Tinchebray.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

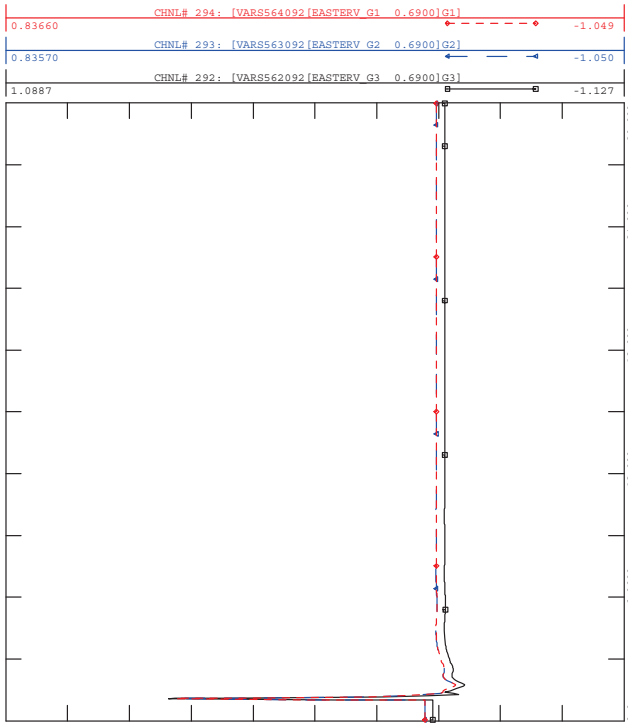


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_25_9L16_TINCHEBRAY

FILE: Scn5_2028SL_25_9L16_Tinchebray.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

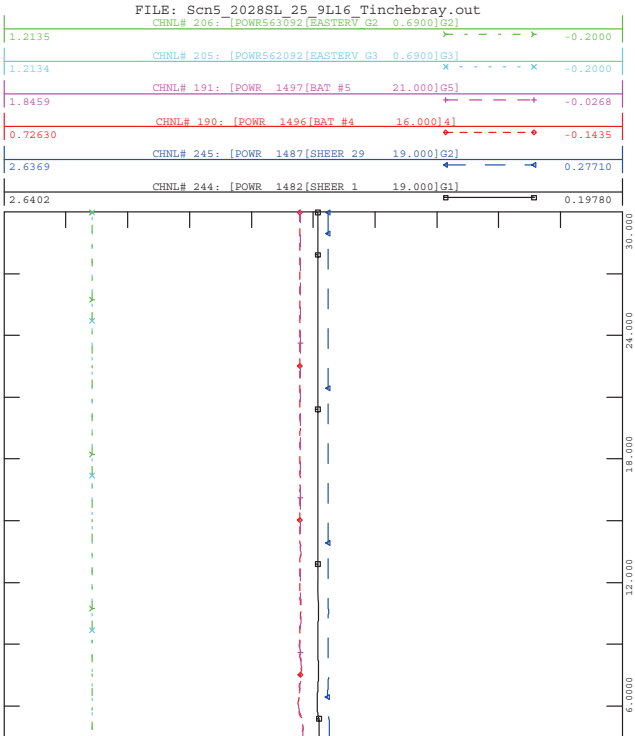


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_25_9L16_TINCHEBRAY

FILE: Scn5_2028SL_25_9L16_Tinchebray.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

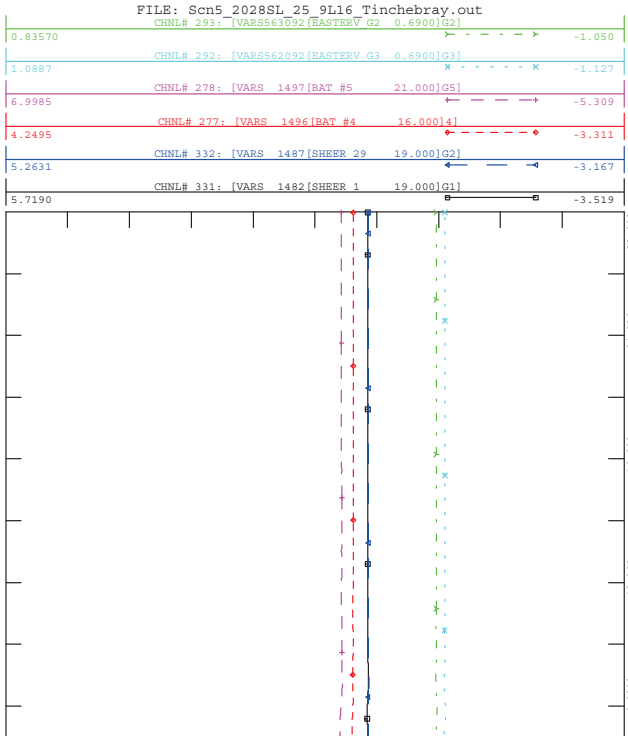


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_25_9L16_TINCHEBRAY

FILE: Scn5_2028SL_25_9L16_Tinchebray.out

TUE, AUG 13 2024 7:57

REACTIVE POWER



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_25_9L16_TINCHEBRAY

FILE: Scn5_2028SL_25_9L16_Tinchebray.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.4803 0.05430
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4799 0.05440
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4737 0.06270

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_25_9L16_TINCHEBRAY

FILE: Scn5_2028SL_25_9L16_Tinchebray.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.5015 0.12130
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3019 0.06470
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4494 0.12110
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2333 0.34620
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3443 0.07680

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_25_9L16_TINCHEBRAY

FILE: Scn5_2028SL_25_9L16_Tinchebray.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4799 0.05440
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4737 0.06270
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1689 0.37090
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
1.1217 0.49310
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2195 0.59690
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.2115 0.61400

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TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_25_9L16_TINCHEBRAY

FILE: Scn5_2028SL_25_9L16_Tinchebray.out

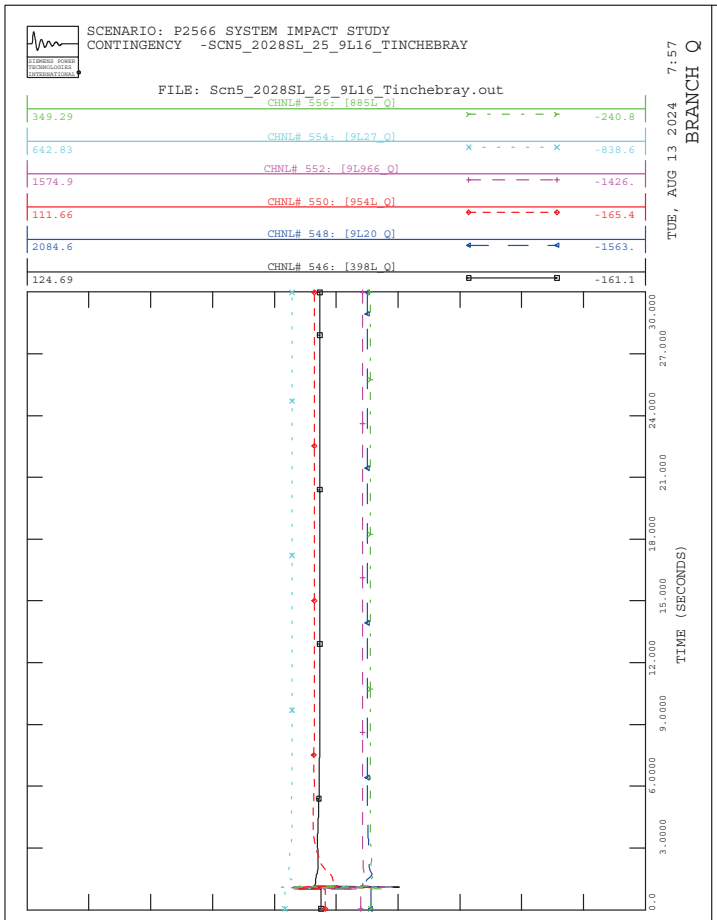
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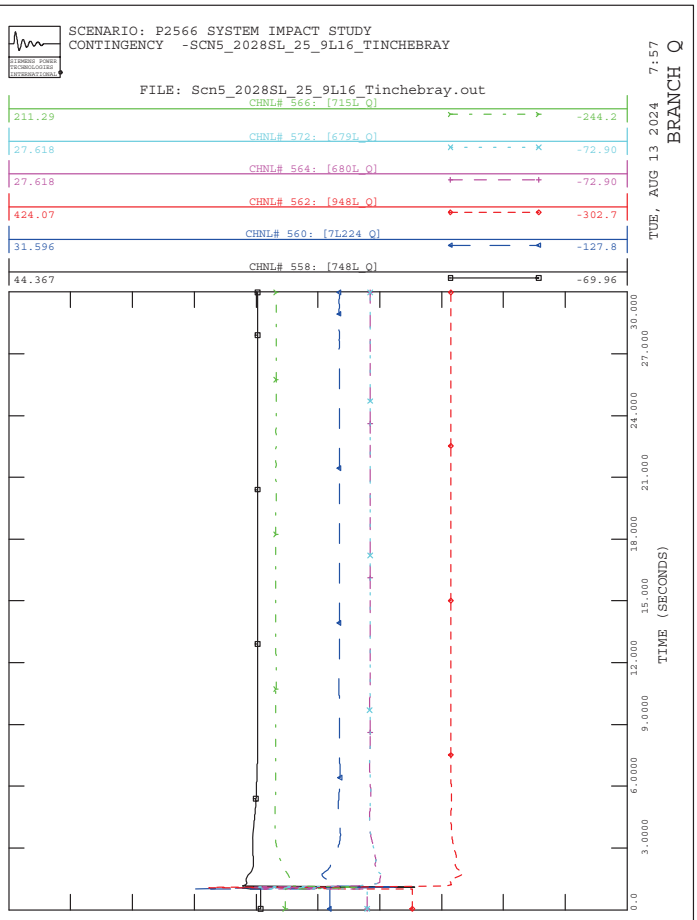
BUS VOLTAGE

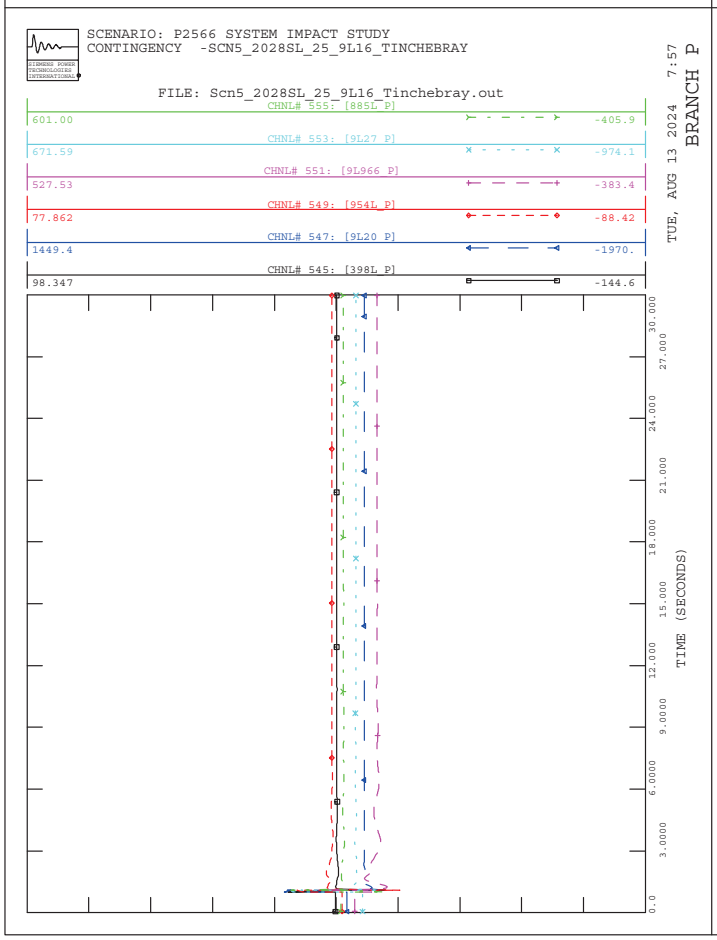
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4554 0.16190
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5434 0.14970
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4009 0.13990
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4771 0.16600
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4614 0.15800
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4743 0.15720

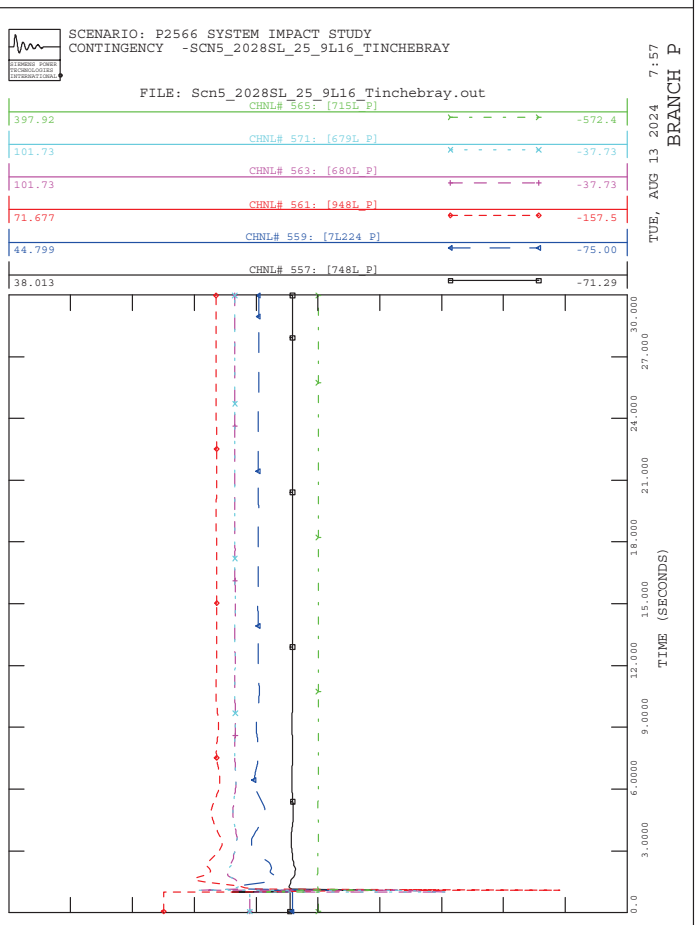
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TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_25_9L16_TINCHEBRAY
FILE: Scn5_2028SL_25_9L16_Tinchebray.out
CHNL# 556: [885L Q]
349.29
-240.8
CHNL# 554: [9L27 Q]
642.83
-838.6
CHNL# 552: [9L966 Q]
1574.9
-1426.
CHNL# 550: [954L Q]
111.66
-165.4
CHNL# 548: [9L20 Q]
2084.6
-1563.
CHNL# 546: [398L Q]
124.69
-161.1
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
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3.0000
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SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_25_9L16_TINCHEBRAY
FILE: Scn5_2028SL_25_9L16_Tinchebray.out
CHNL# 566: [715L Q]
211.29
-244.2
CHNL# 572: [679L Q]
27.618
-72.90
CHNL# 564: [680L Q]
27.618
-72.90
CHNL# 562: [948L Q]
424.07
-302.7
CHNL# 560: [7L224 Q]
31.596
-127.8
CHNL# 558: [748L Q]
44.367
-69.96
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
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3.0000
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SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_25_9L16_TINCHEBRAY
FILE: Scn5_2028SL_25_9L16_Tinchebray.out
CHNL# 555: [885L P]
601.00
-405.9
CHNL# 553: [9L27 P]
671.59
-974.1
CHNL# 551: [9L966 P]
527.53
-383.4
CHNL# 549: [954L P]
77.862
-88.42
CHNL# 547: [9L20 P]
1449.4
-1970.
CHNL# 545: [398L P]
98.347
-144.6
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
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3.0000
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SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_25_9L16_TINCHEBRAY
FILE: Scn5_2028SL_25_9L16_Tinchebray.out
CHNL# 565: [715L P]
397.92
-572.4
CHNL# 571: [679L P]
101.73
-37.73
CHNL# 563: [680L P]
101.73
-37.73
CHNL# 561: [948L P]
71.677
-157.5
CHNL# 559: [7L224 P]
44.799
-75.00
CHNL# 557: [748L P]
38.013
-71.29
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
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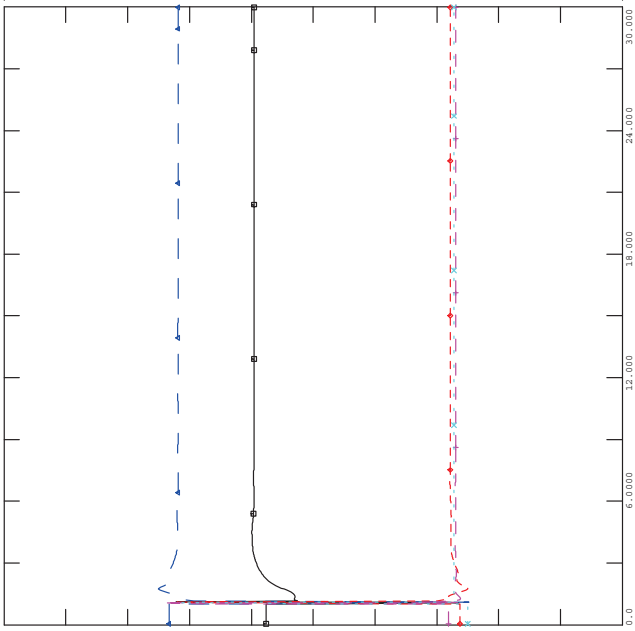
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CONTINGENCY -SCN5_2028SL_25_9L16_TINCHEBRAY

FILE: Scn5_2028SL_25_9L16_Tinchebray.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16_Q] 1016.5 -381.3
CHNL# 576: [9L59_Q] 1053.2 -375.7
CHNL# 574: [953L_Q] 511.05 -240.3
CHNL# 570: [1047L_Q] 311.30 -474.0
CHNL# 568: [749L_Q] 87.645 -85.51



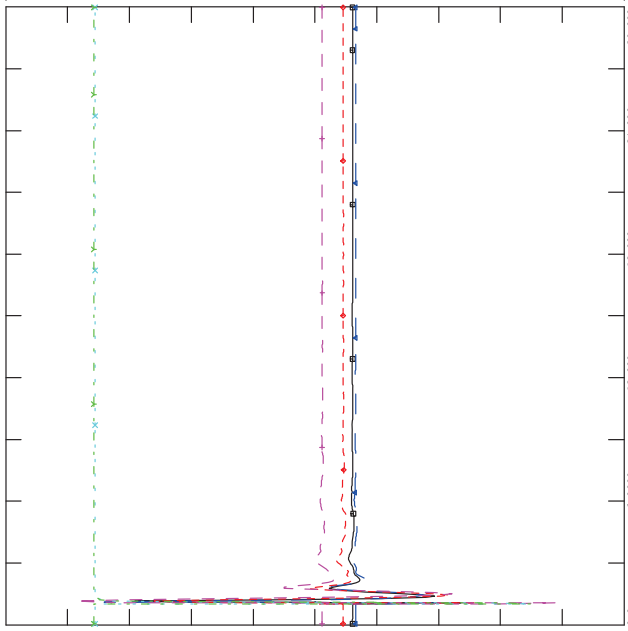
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_26_9L59_TINCHEBRAY

FILE: Scn5_2028SL_26_9L59_Tinchebray.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2] 1.2126 -0.1975
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3] 1.2159 -0.1947
CHNL# 191: [POWR 1497[BAT #5 21.000]G5] 1.9102 0.02980
CHNL# 190: [POWR 1496[BAT #4 16.000]4] 0.77860 -0.0799
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2] 2.1763 0.80380
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1] 2.2457 0.73720



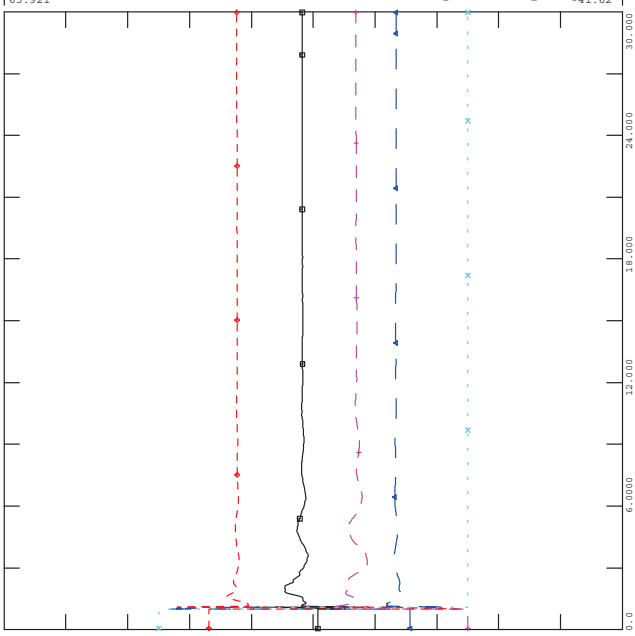
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CONTINGENCY -SCN5_2028SL_25_9L16_TINCHEBRAY

FILE: Scn5_2028SL_25_9L16_Tinchebray.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P] 252.52 -84.17
CHNL# 575: [9L59_P] 436.07 -203.6
CHNL# 573: [953L_P] 425.41 -122.9
CHNL# 569: [1047L_P] 178.64 -612.1
CHNL# 567: [749L_P] 65.921 -41.62



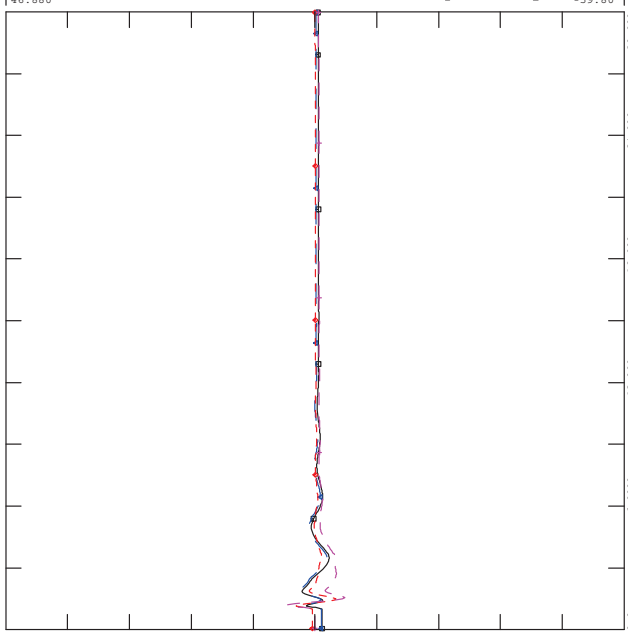
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_26_9L59_TINCHEBRAY

FILE: Scn5_2028SL_26_9L59_Tinchebray.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5] 45.170 -66.48
CHNL# 16: [ANGL 1496[BAT #4 16.000]4] 36.369 -71.12
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2] 51.001 -55.51
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1] 46.880 -59.80



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_26_9L59_TINCHEBRAY

FILE: Scn5_2028SL_26_9L59_Tinchebray.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.94230 -1.019

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.2945 -1.145

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
7.0416 -5.430

CHNL# 277: [VARS 1496[BAT #4 16.000]4]
4.2535 -3.383

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
4.8752 -2.035

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
5.3401 -2.419

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_26_9L59_TINCHEBRAY

FILE: Scn5_2028SL_26_9L59_Tinchebray.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5607 0.06490

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5557 0.07310

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1591 0.37810

CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
1.1205 0.49740

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1447 0.60530

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1369 0.62370

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_26_9L59_TINCHEBRAY

FILE: Scn5_2028SL_26_9L59_Tinchebray.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2126 -0.1973

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2126 -0.1975

CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2159 -0.1947

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_26_9L59_TINCHEBRAY

FILE: Scn5_2028SL_26_9L59_Tinchebray.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
0.91890 -1.018

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.94230 -1.019

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.2945 -1.145

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_26_9L59_TINCHEBRAY

FILE: Scn5_2028SL_26_9L59_Tinchebray.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4957 0.17130
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5761 0.15990
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4293 0.15000
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.5228 0.17520
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.5056 0.16730
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.5076 0.16680

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_26_9L59_TINCHEBRAY

FILE: Scn5_2028SL_26_9L59_Tinchebray.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
652.31 -441.3
CHNL# 553: [9L27 P]
804.02 -1163.
CHNL# 551: [9L966 P]
755.74 -510.7
CHNL# 549: [954L P]
88.650 -105.1
CHNL# 547: [9L20 P]
1157.5 -1570.
CHNL# 545: [398L P]
95.486 -140.9

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_26_9L59_TINCHEBRAY

FILE: Scn5_2028SL_26_9L59_Tinchebray.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.5609 0.06480
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5607 0.06490
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5557 0.07310

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_26_9L59_TINCHEBRAY

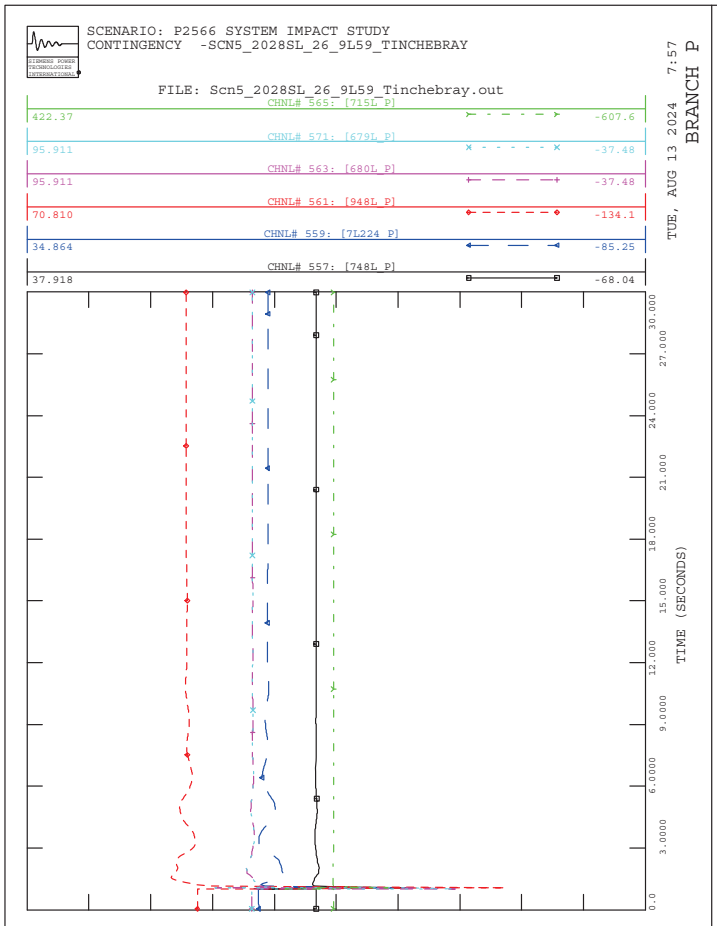
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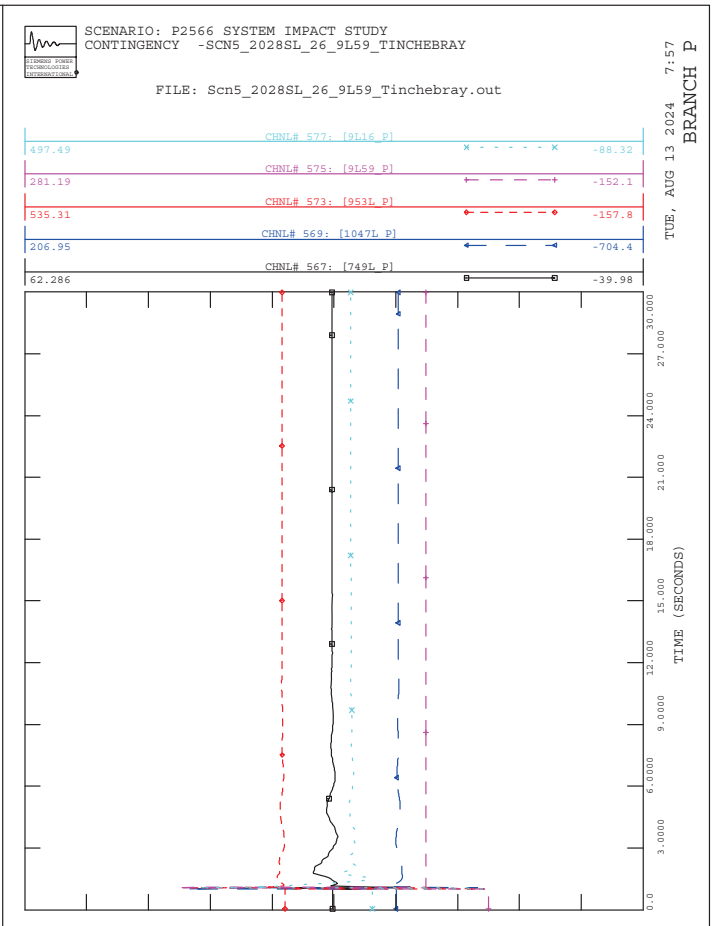
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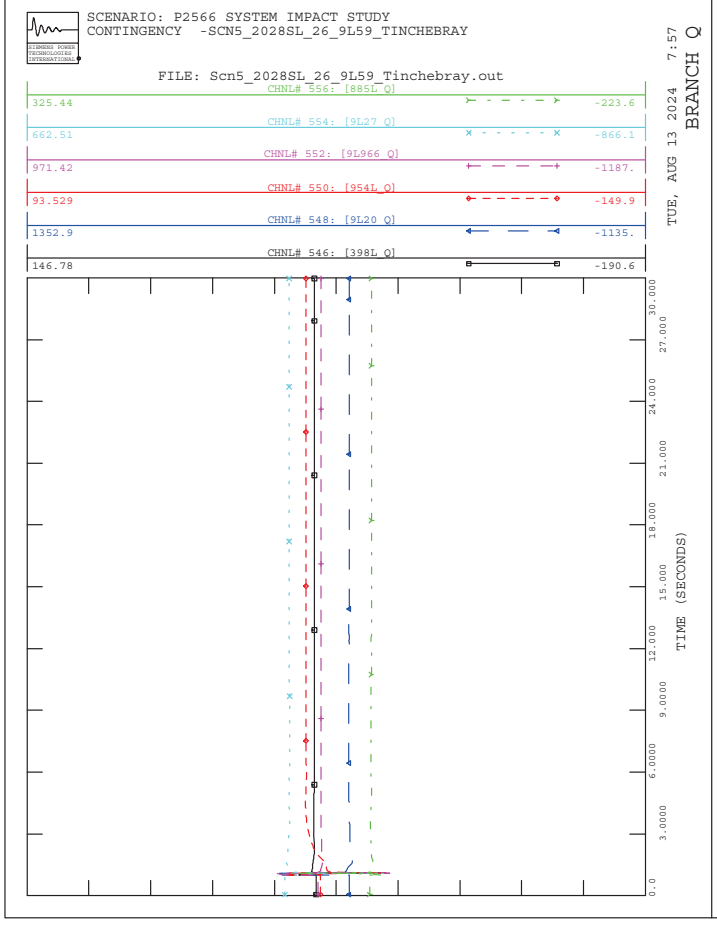
BUS VOLTAGE

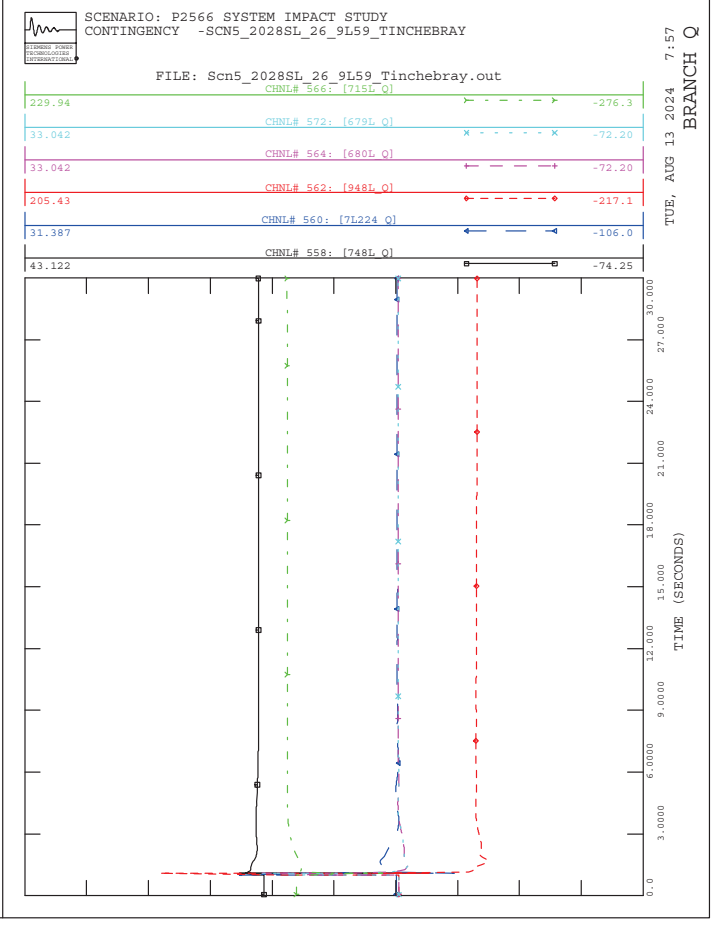
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.5431 0.13190
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3127 0.07680
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4811 0.13190
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2390 0.35410
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3579 0.08850

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_26_9L59_TINCHEBRAY
FILE: Scn5_2028SL_26_9L59_Tinchebray.out
CHNL# 565: [715L_P]
422.37
-607.6
CHNL# 571: [679L_P]
95.911
-37.48
CHNL# 563: [680L_P]
95.911
-37.48
CHNL# 561: [948L_P]
70.810
-134.1
CHNL# 559: [7L224_P]
34.864
-85.25
CHNL# 557: [748L_P]
37.918
-68.04
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
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SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_26_9L59_TINCHEBRAY
FILE: Scn5_2028SL_26_9L59_Tinchebray.out
CHNL# 577: [9L16_P]
497.49
-88.32
CHNL# 575: [9L59_P]
281.19
-152.1
CHNL# 573: [953L_P]
535.31
-157.8
CHNL# 569: [1047L_P]
206.95
-704.4
CHNL# 567: [749L_P]
62.286
-39.98
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
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SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_26_9L59_TINCHEBRAY
FILE: Scn5_2028SL_26_9L59_Tinchebray.out
CHNL# 556: [885L_Q]
325.44
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CHNL# 554: [9L27_Q]
662.51
-866.1
CHNL# 552: [9L966_Q]
971.42
-1187.
CHNL# 550: [954L_Q]
93.529
-149.9
CHNL# 548: [9L20_Q]
1352.9
-1135.
CHNL# 546: [398L_Q]
146.78
-190.6
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
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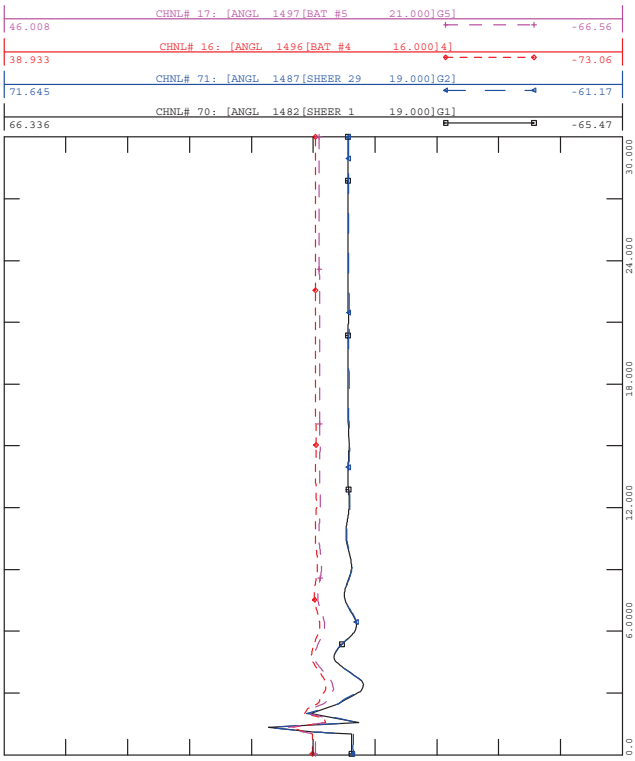

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_26_9L59_TINCHEBRAY
FILE: Scn5_2028SL_26_9L59_Tinchebray.out
CHNL# 566: [715L_Q]
229.94
-276.3
CHNL# 572: [679L_Q]
33.042
-72.20
CHNL# 564: [680L_Q]
33.042
-72.20
CHNL# 562: [948L_Q]
205.43
-217.1
CHNL# 560: [7L224_Q]
31.387
-106.0
CHNL# 558: [748L_Q]
43.122
-74.25
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_27_9L59_ANDERSON

FILE: Scn5_2028SL_27_9L59_Anderson.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

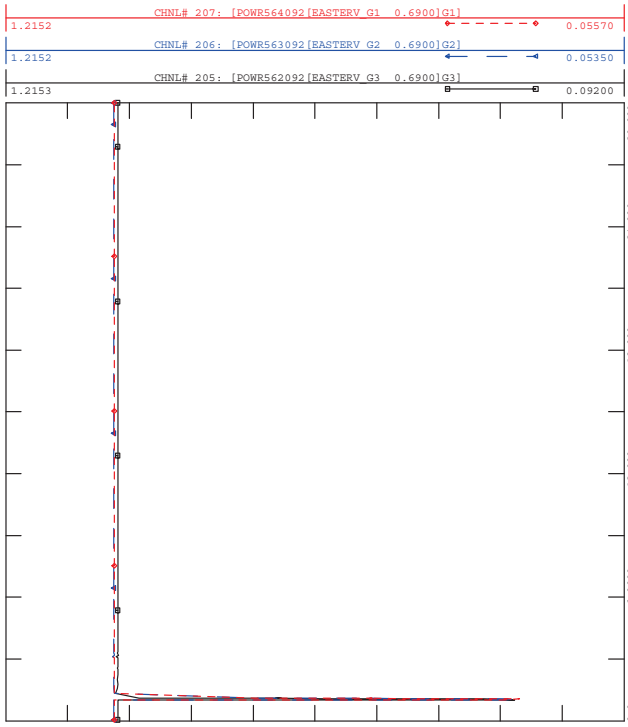


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_27_9L59_ANDERSON

FILE: Scn5_2028SL_27_9L59_Anderson.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

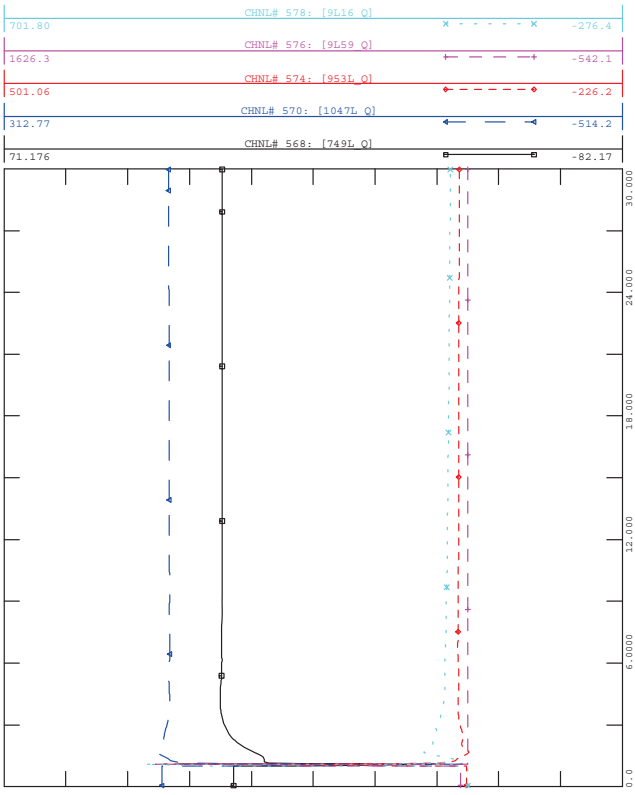


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_26_9L59_TINCHEBRAY

FILE: Scn5_2028SL_26_9L59_Tinchebray.out

TUE, AUG 13 2024 7:57

BRANCH Q

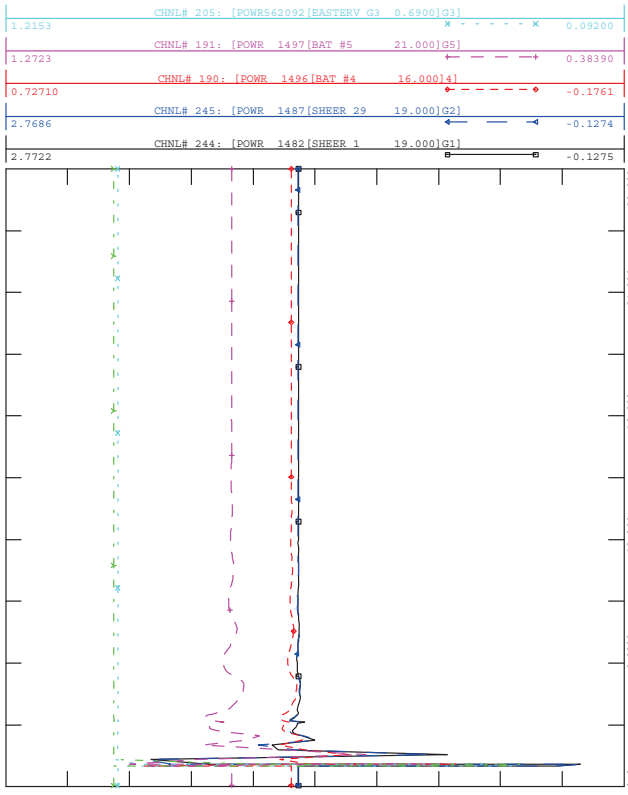


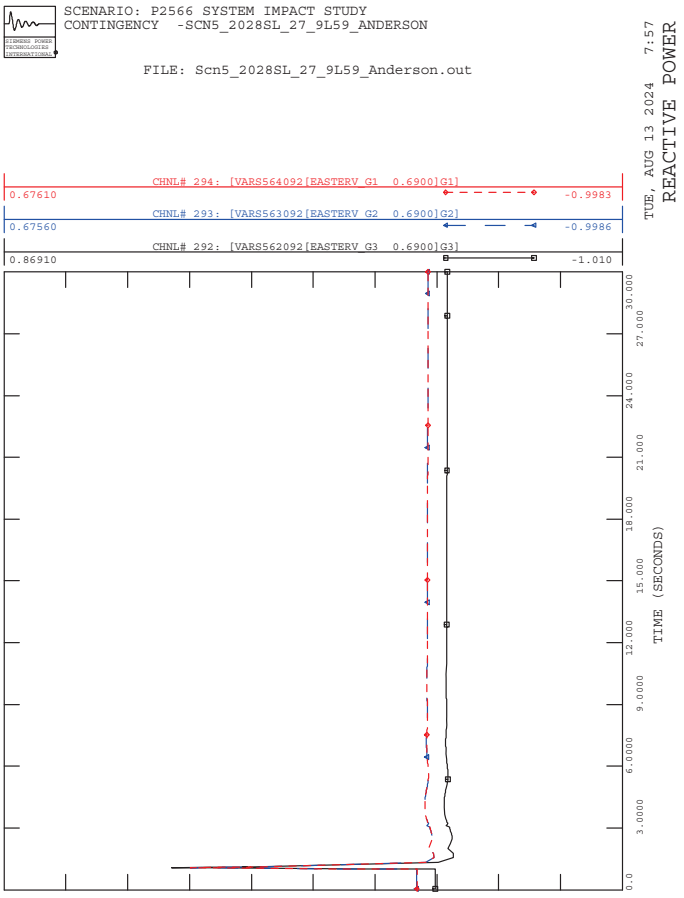
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_27_9L59_ANDERSON

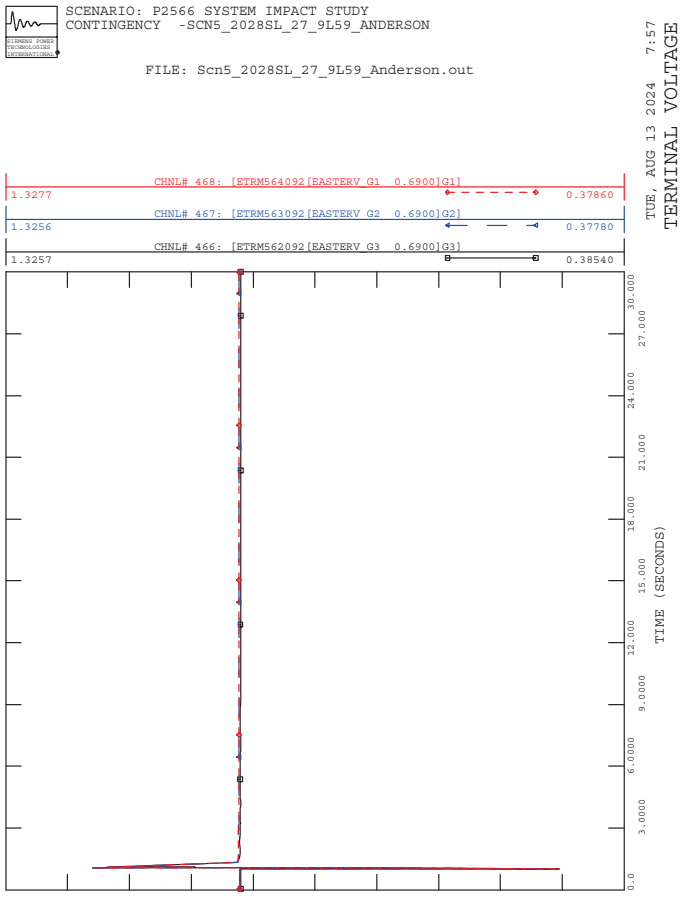
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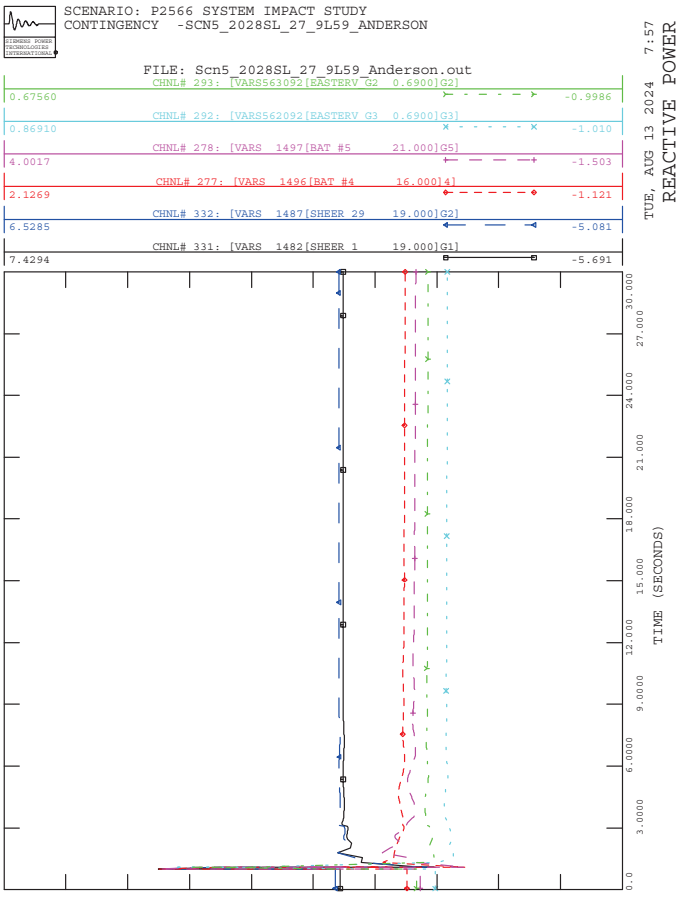
TUE, AUG 13 2024 7:57

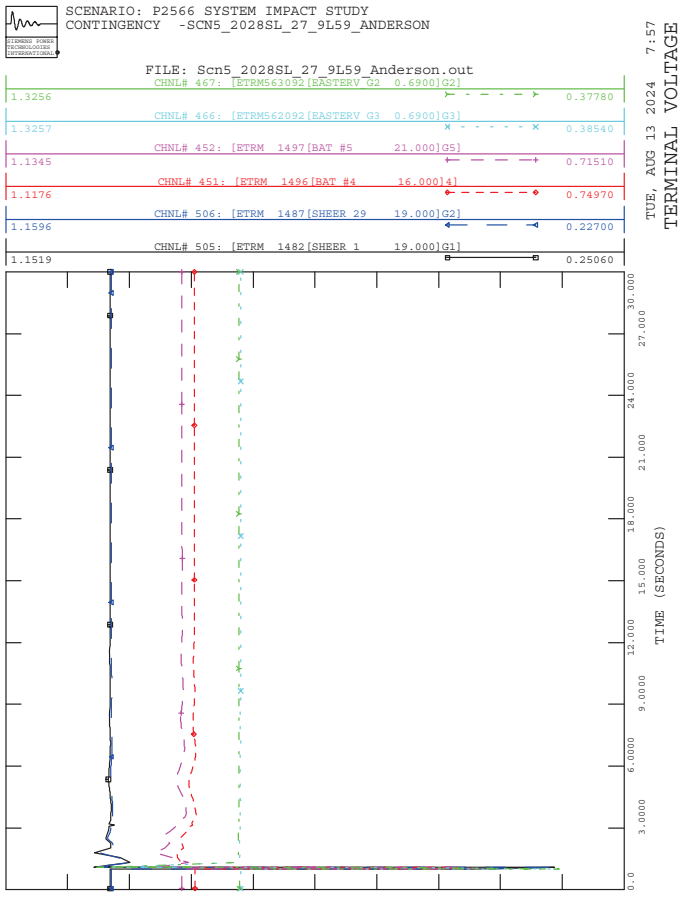
ACTIVE POWER




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_27_9L59_ANDERSON
FILE: Scn5_2028SL_27_9L59_Anderson.out
TUE, AUG 13 2024 7:57
REACTIVE POWER
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
0.67610
-0.9983
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.67560
-0.9986
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
0.86910
-1.010
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_27_9L59_ANDERSON
FILE: Scn5_2028SL_27_9L59_Anderson.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.3277
0.37860
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3256
0.37780
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3257
0.38540
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_27_9L59_ANDERSON
FILE: Scn5_2028SL_27_9L59_Anderson.out
TUE, AUG 13 2024 7:57
REACTIVE POWER
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.67560
-0.9986
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
0.86910
-1.010
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
4.0017
-1.503
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
2.1269
-1.121
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
6.5285
-5.081
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
7.4294
-5.691
TIME (SECONDS)
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6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

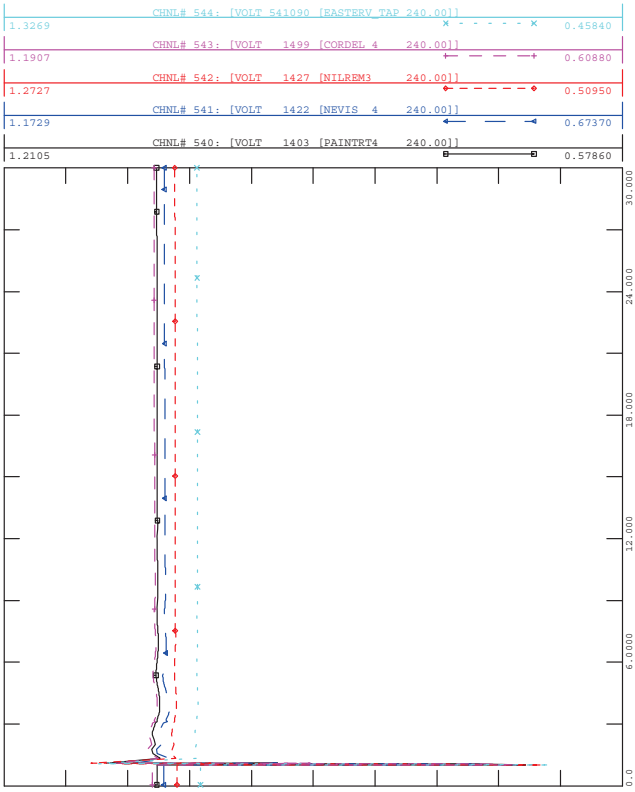

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_27_9L59_ANDERSON
FILE: Scn5_2028SL_27_9L59_Anderson.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3256
0.37780
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3257
0.38540
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1345
0.71510
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
1.1176
0.74970
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1596
0.22700
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1519
0.25060
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_27_9L59_ANDERSON

FILE: Scn5_2028SL_27_9L59_Anderson.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

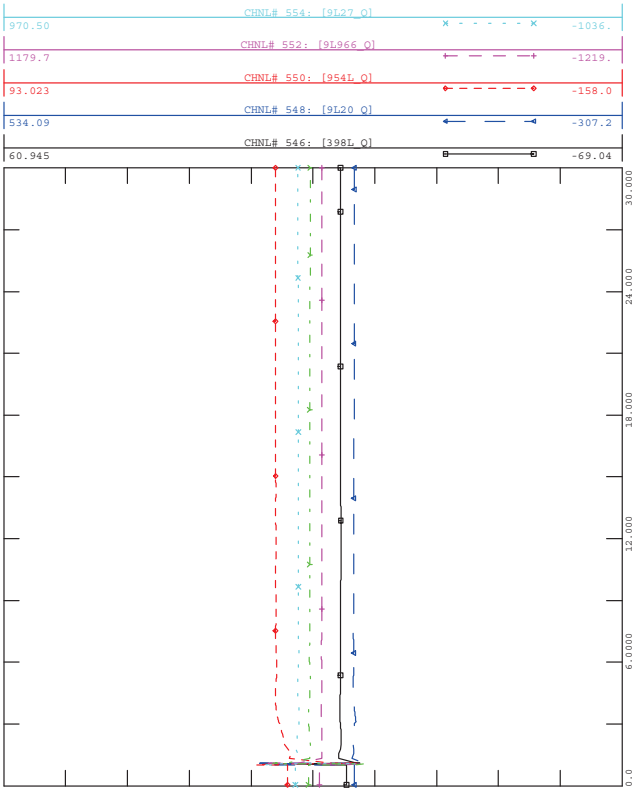


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_27_9L59_ANDERSON

FILE: Scn5_2028SL_27_9L59_Anderson.out

TUE, AUG 13 2024 7:57

BRANCH Q

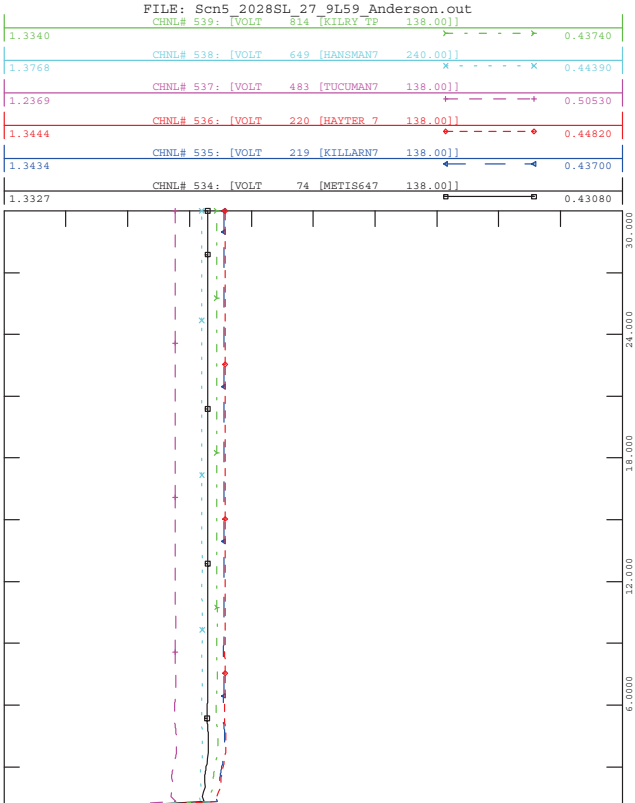


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_27_9L59_ANDERSON

FILE: Scn5_2028SL_27_9L59_Anderson.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

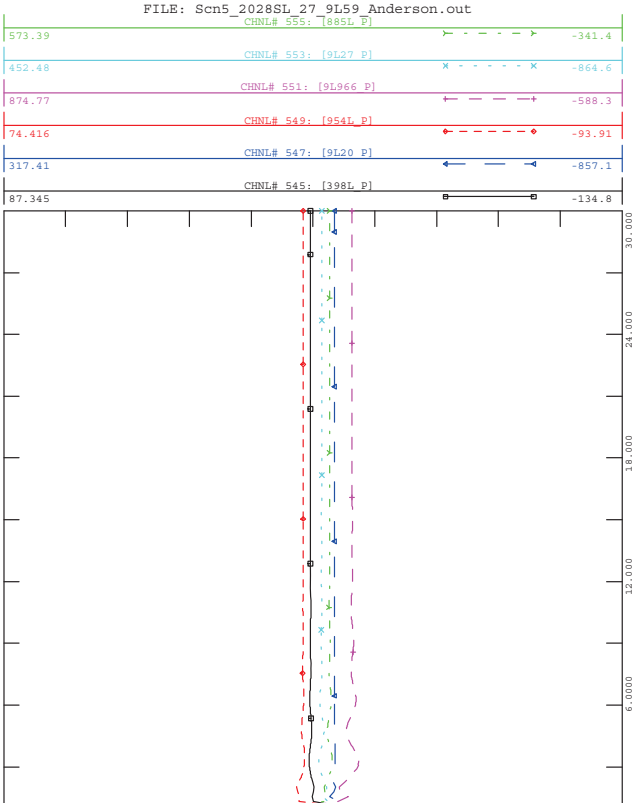


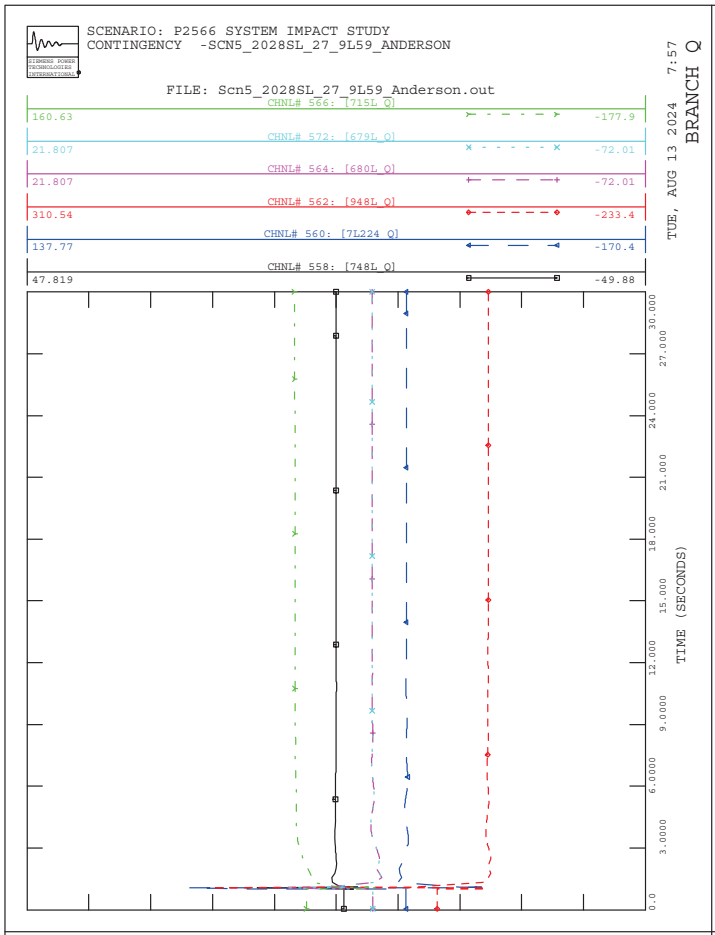
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_27_9L59_ANDERSON

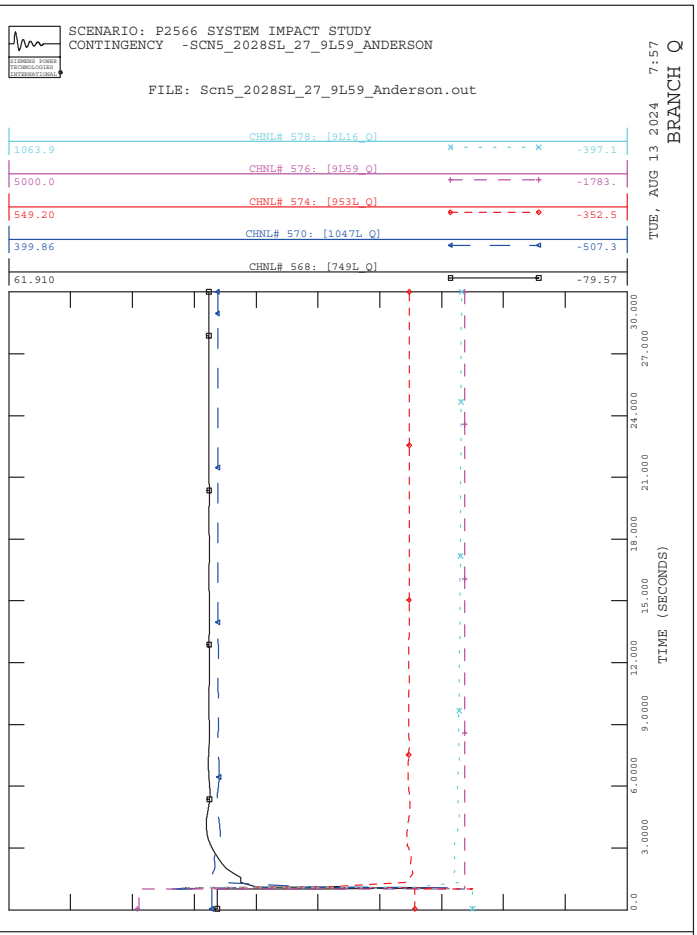
FILE: Scn5_2028SL_27_9L59_Anderson.out

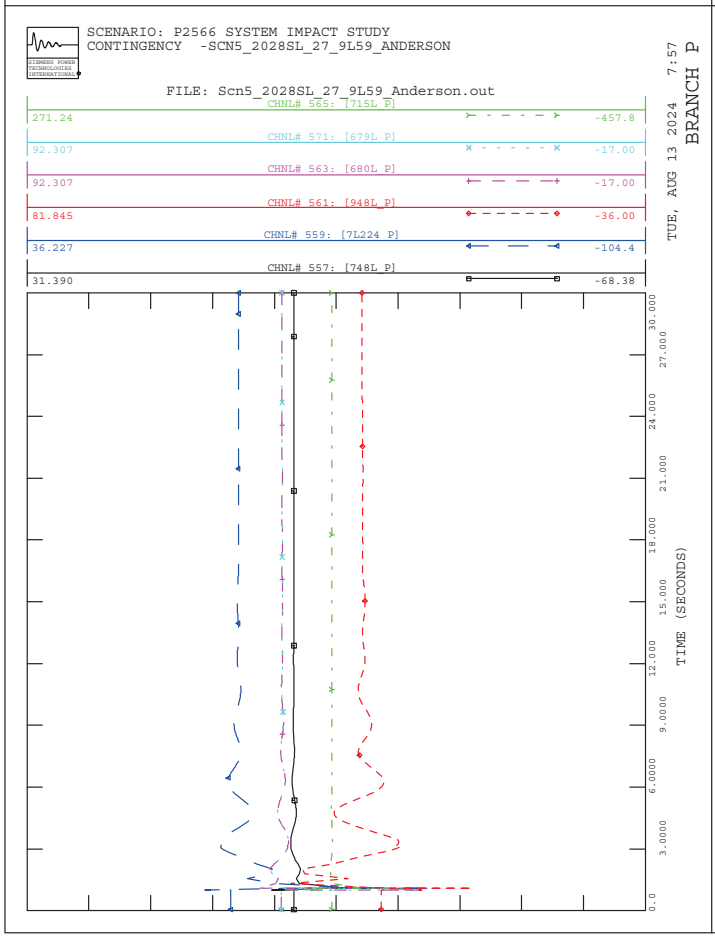
TUE, AUG 13 2024 7:57

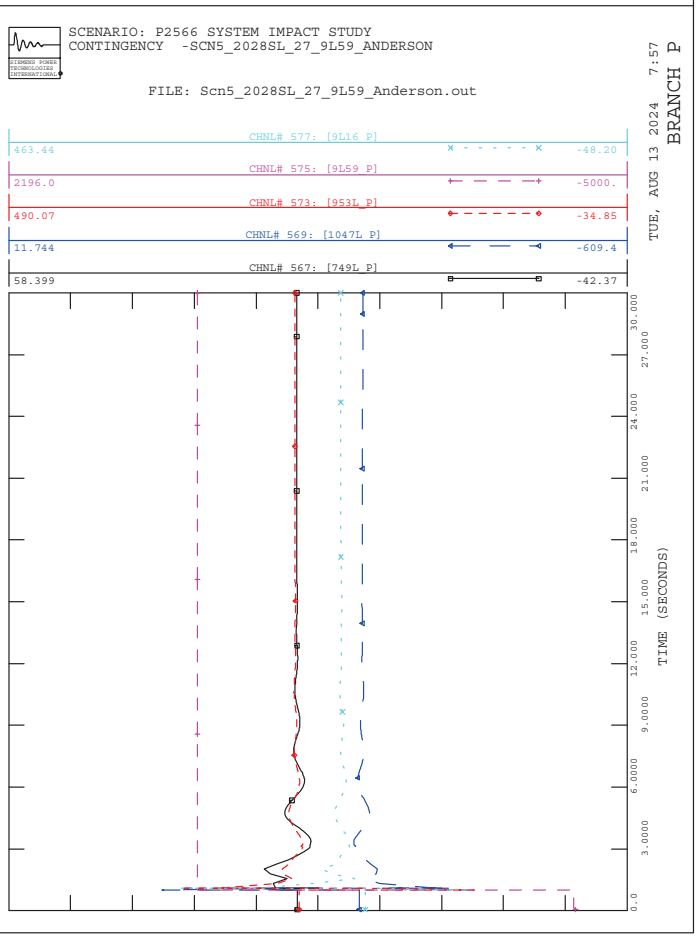
BRANCH P

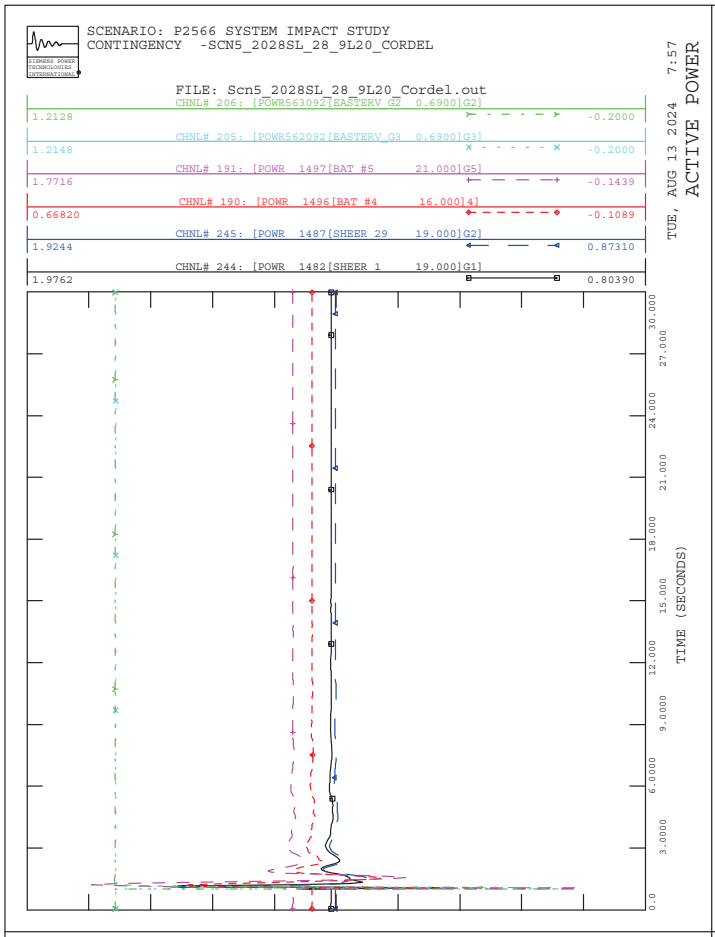


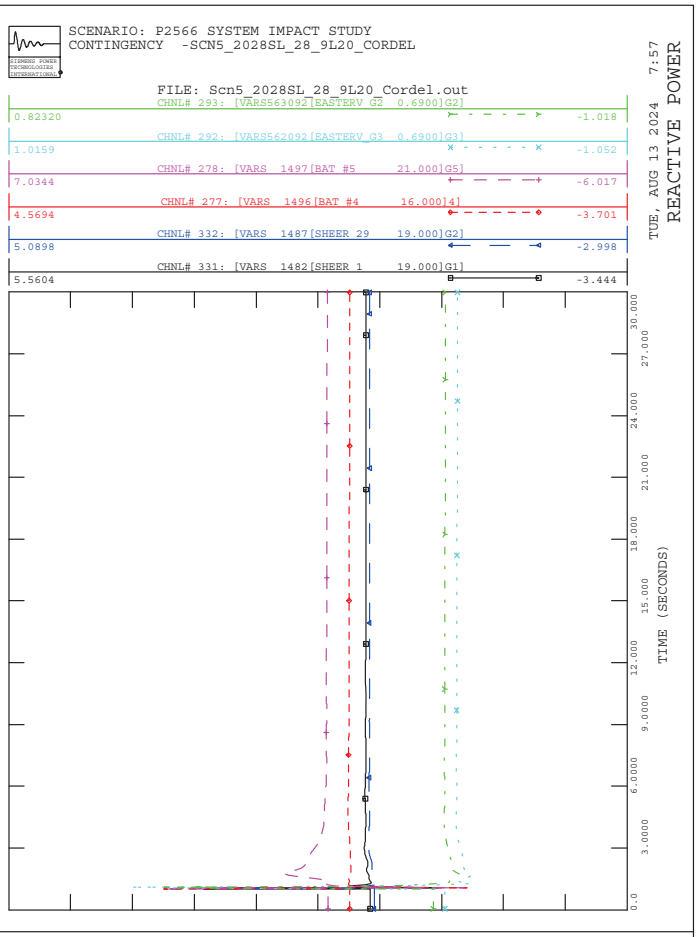

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_27_9L59_ANDERSON
FILE: Scn5_2028SL_27_9L59_Anderson.out
CHNL# 566: [715L Q]
160.63
-177.9
CHNL# 572: [679L Q]
21.807
-72.01
CHNL# 564: [680L Q]
21.807
-72.01
CHNL# 562: [948L Q]
310.54
-233.4
CHNL# 560: [7L224 Q]
137.77
-170.4
CHNL# 558: [748L Q]
47.819
-49.88
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

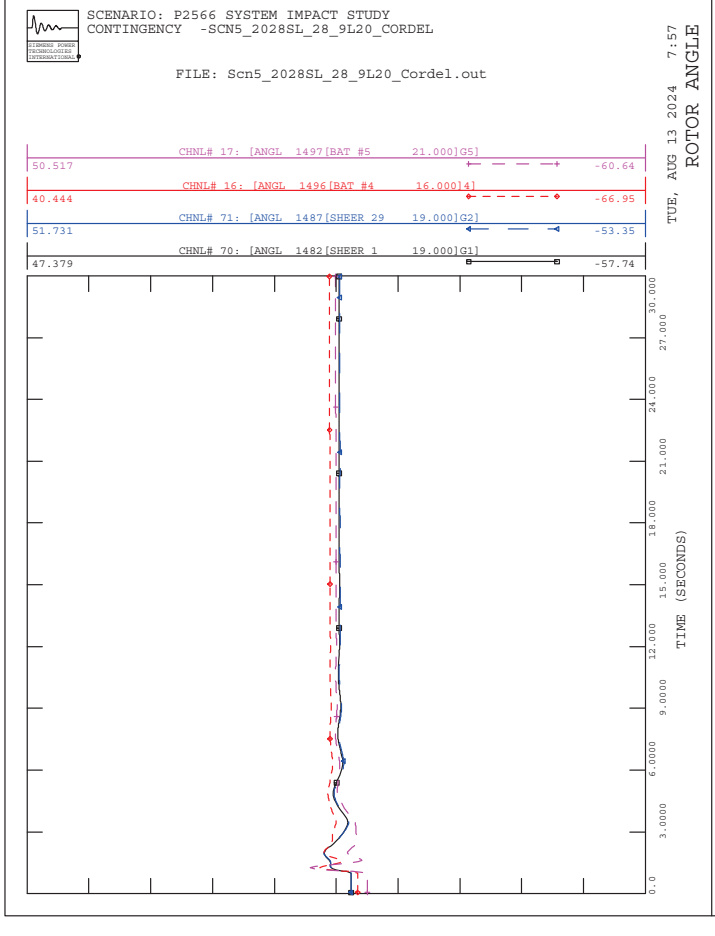

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_27_9L59_ANDERSON
FILE: Scn5_2028SL_27_9L59_Anderson.out
CHNL# 578: [9L16 Q]
1063.9
-397.1
CHNL# 576: [9L59 Q]
5000.0
-1783.
CHNL# 574: [953L Q]
549.20
-352.5
CHNL# 570: [1047L Q]
399.86
-507.3
CHNL# 568: [749L Q]
61.910
-79.57
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

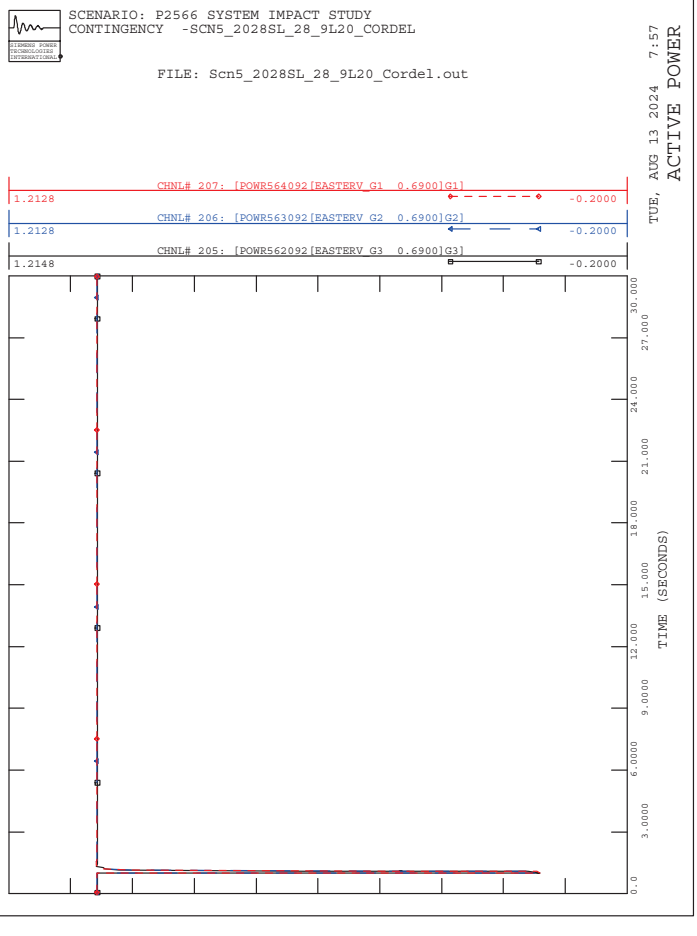

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_27_9L59_ANDERSON
FILE: Scn5_2028SL_27_9L59_Anderson.out
CHNL# 565: [715L P]
271.24
-457.8
CHNL# 571: [679L P]
92.307
-17.00
CHNL# 563: [680L P]
92.307
-17.00
CHNL# 561: [948L P]
81.845
-36.00
CHNL# 559: [7L224 P]
36.227
-104.4
CHNL# 557: [748L P]
31.390
-68.38
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_27_9L59_ANDERSON
FILE: Scn5_2028SL_27_9L59_Anderson.out
CHNL# 577: [9L16 P]
463.44
-48.20
CHNL# 575: [9L59 P]
2196.0
-5000.
CHNL# 573: [953L P]
490.07
-34.85
CHNL# 569: [1047L P]
11.744
-609.4
CHNL# 567: [749L P]
58.399
-42.37
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_28_9L20_CORDEL
FILE: Scn5_2028SL_28_9L20_Cordel.out
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2128
-0.2000
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2148
-0.2000
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.7716
-0.1439
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.66820
-0.1089
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
1.9244
0.87310
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
1.9762
0.80390
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_28_9L20_CORDEL
FILE: Scn5_2028SL_28_9L20_Cordel.out
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.82320
-1.018
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.0159
-1.052
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
7.0344
-6.017
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
4.5694
-3.701
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
5.0898
-2.998
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
5.5604
-3.444
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_28_9L20_CORDEL
FILE: Scn5_2028SL_28_9L20_Cordel.out
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
50.517
-60.64
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
40.444
-66.95
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
51.731
-53.35
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
47.379
-57.74
TUE, AUG 13 2024 7:57
ROTOR ANGLE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_28_9L20_CORDEL
FILE: Scn5_2028SL_28_9L20_Cordel.out
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2128
-0.2000
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2128
-0.2000
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2148
-0.2000
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_28_9L20_CORDEL

FILE: Scn5_2028SL_28_9L20_Cordel.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5710 -0.0596

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5620 -0.0500

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1655 0.25720

CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
1.1188 0.40840

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1755 0.61760

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1646 0.63520

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_28_9L20_CORDEL

FILE: Scn5_2028SL_28_9L20_Cordel.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.5320 0.06290

CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.6337 0.04040

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4597 0.02480

CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.5652 0.06840

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.5404 0.05940

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.5577 0.05640

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_28_9L20_CORDEL

FILE: Scn5_2028SL_28_9L20_Cordel.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
0.82420 -1.018

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.82320 -1.018

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.0159 -1.052

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_28_9L20_CORDEL

FILE: Scn5_2028SL_28_9L20_Cordel.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

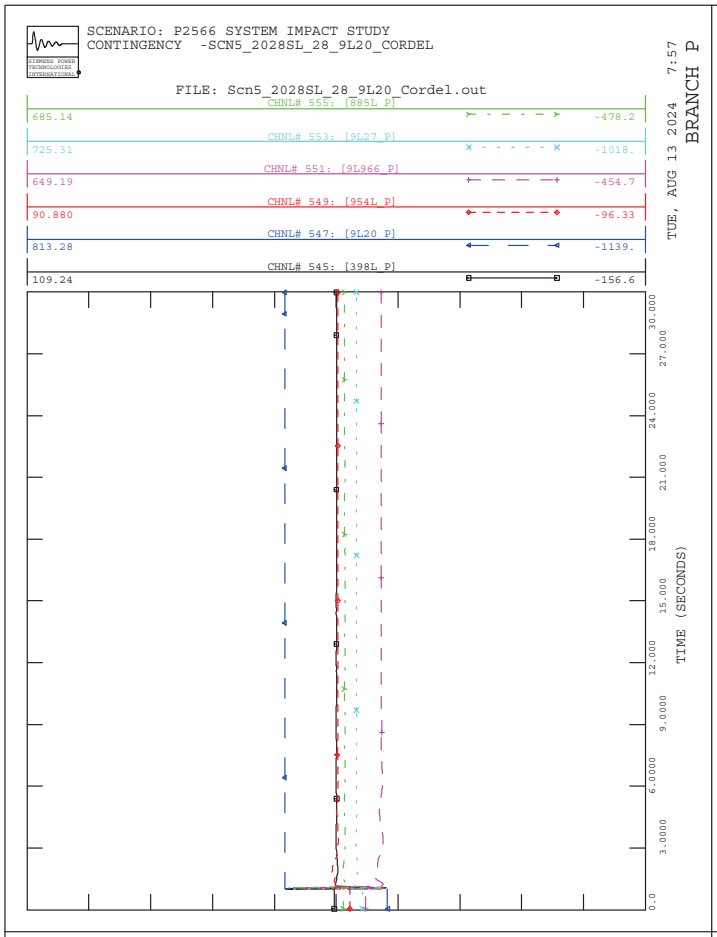
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.5709 -0.0599

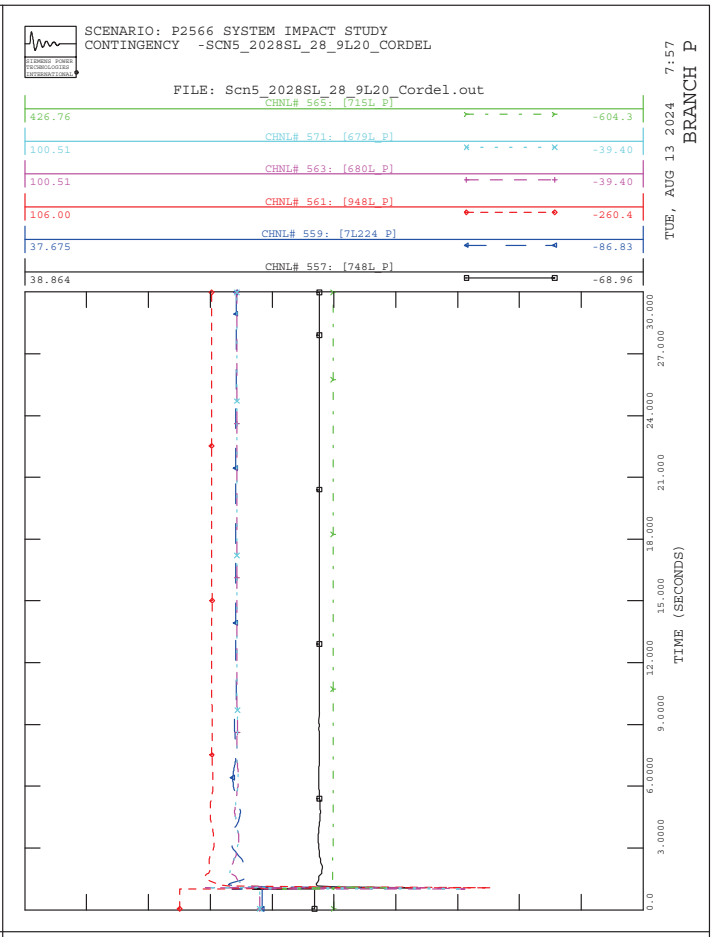
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5710 -0.0596

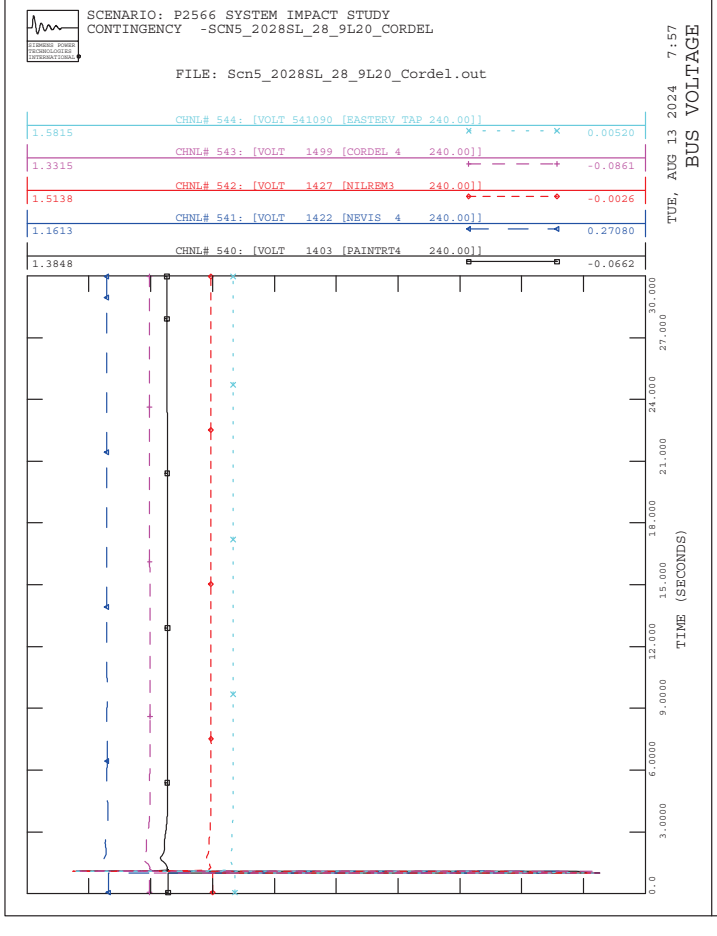
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5620 -0.0500

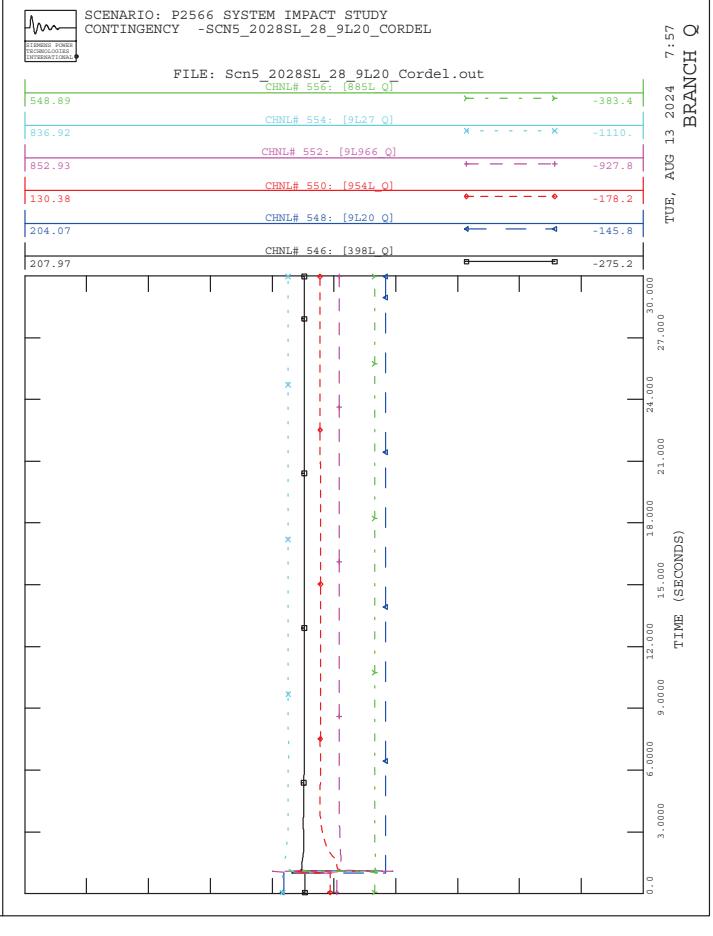
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_28_9L20_CORDEL
FILE: Scn5_2028SL_28_9L20_Cordel.out
CHNL# 555: [88SL P]
685.14
-478.2
CHNL# 553: [9L27 P]
725.31
-1018.
CHNL# 551: [9L966 P]
649.19
-454.7
CHNL# 549: [954L P]
90.880
-96.33
CHNL# 547: [9L20 P]
813.28
-1139.
CHNL# 545: [398L P]
109.24
-156.6
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_28_9L20_CORDEL
FILE: Scn5_2028SL_28_9L20_Cordel.out
CHNL# 565: [71SL P]
426.76
-604.3
CHNL# 571: [679L P]
100.51
-39.40
CHNL# 563: [680L P]
100.51
-39.40
CHNL# 561: [948L P]
106.00
-260.4
CHNL# 559: [7L224 P]
37.675
-86.83
CHNL# 557: [748L P]
38.864
-68.96
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_28_9L20_CORDEL
FILE: Scn5_2028SL_28_9L20_Cordel.out
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.5815
0.00520
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3315
-0.0861
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.5138
-0.0026
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.1613
0.27080
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3848
-0.0662
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_28_9L20_CORDEL
FILE: Scn5_2028SL_28_9L20_Cordel.out
CHNL# 556: [88SL Q]
548.89
-383.4
CHNL# 554: [9L27 Q]
836.92
-1110.
CHNL# 552: [9L966 Q]
852.93
-927.8
CHNL# 550: [954L Q]
130.38
-178.2
CHNL# 548: [9L20 Q]
204.07
-145.8
CHNL# 546: [398L Q]
207.97
-275.2
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_28_9L20_CORDEL

FILE: Scn5_2028SL_28_9L20_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16 P]
803.18 -271.6
CHNL# 575: [9L59 P]
133.75 -184.4
CHNL# 573: [953L P]
413.45 -132.4
CHNL# 569: [1047L P]
192.34 -598.5
CHNL# 567: [749L P]
65.030 -38.61

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_29_9L20_NEVIS

FILE: Scn5_2028SL_29_9L20_Nevis.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
49.658 -60.64
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
41.119 -66.95
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
51.077 -53.35
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
46.856 -57.74

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_28_9L20_CORDEL

FILE: Scn5_2028SL_28_9L20_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 566: [715L Q]
244.47 -307.5
CHNL# 572: [679L Q]
35.372 -72.88
CHNL# 564: [680L Q]
35.372 -72.88
CHNL# 562: [948L Q]
209.52 -207.1
CHNL# 560: [7L224 Q]
32.768 -124.5
CHNL# 558: [748L Q]
42.918 -95.34

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_28_9L20_CORDEL

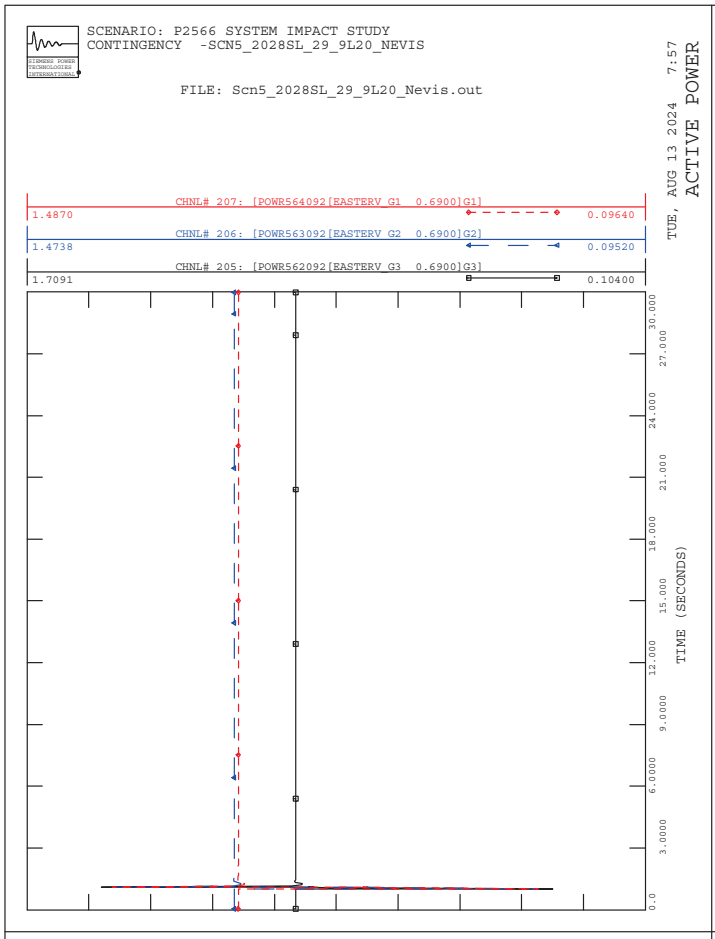
FILE: Scn5_2028SL_28_9L20_Cordel.out

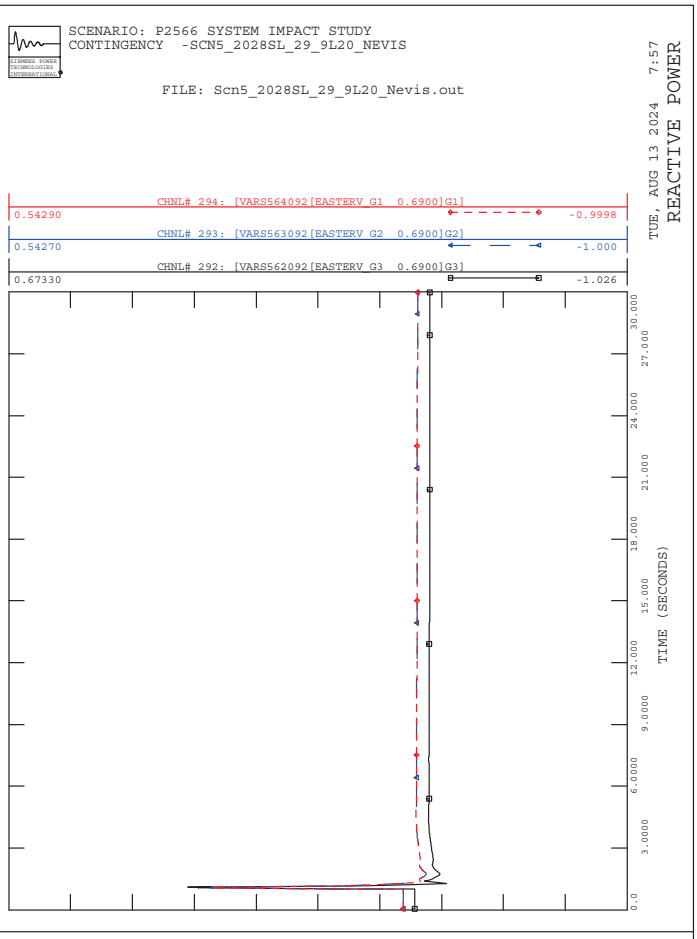
TUE, AUG 13 2024 7:57

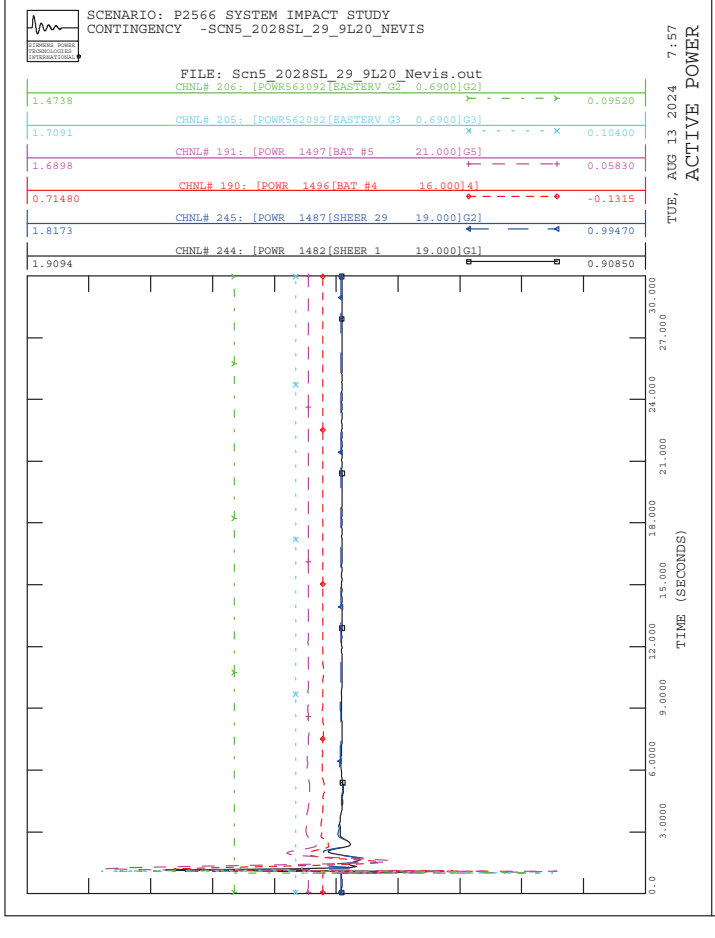
BRANCH Q

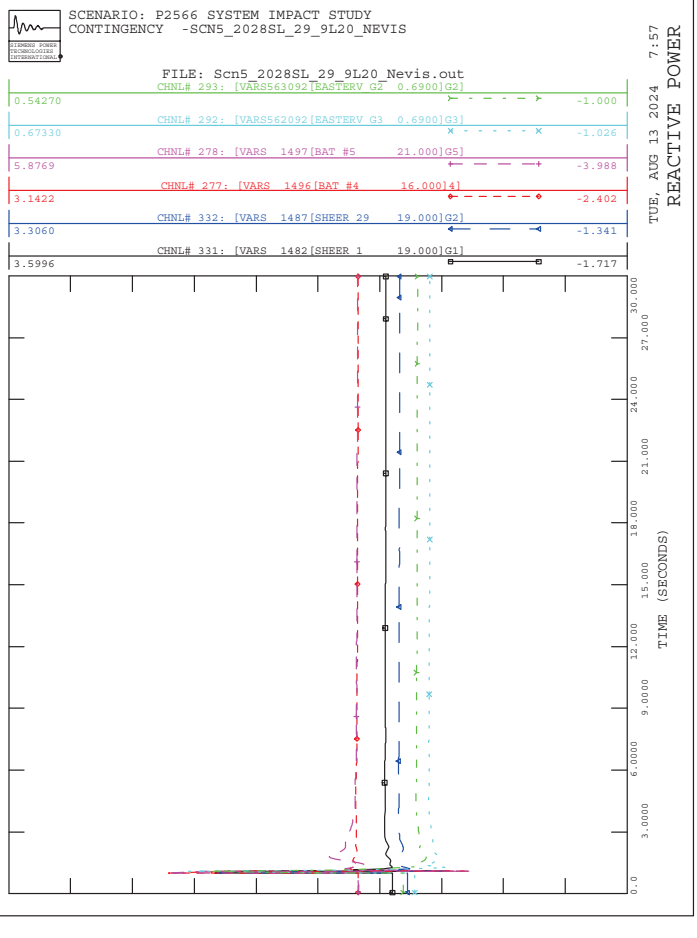
CHNL# 578: [9L16 Q]
260.70 -136.4
CHNL# 576: [9L59 Q]
646.35 -286.0
CHNL# 574: [953L Q]
586.70 -255.6
CHNL# 570: [1047L Q]
346.07 -607.5
CHNL# 568: [749L Q]
130.10 -103.4

TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_29_9L20_NEVIS
FILE: Scn5_2028SL_29_9L20_Nevis.out
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.4870
0.09640
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.4738
0.09520
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.7091
0.10400
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_29_9L20_NEVIS
FILE: Scn5_2028SL_29_9L20_Nevis.out
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
0.54290
-0.9998
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.54270
-1.000
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
0.67330
-1.026
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_29_9L20_NEVIS
FILE: Scn5_2028SL_29_9L20_Nevis.out
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.4738
0.09520
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.7091
0.10400
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.6898
0.05830
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.71480
-0.1315
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
1.8173
0.99470
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
1.9094
0.90850
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

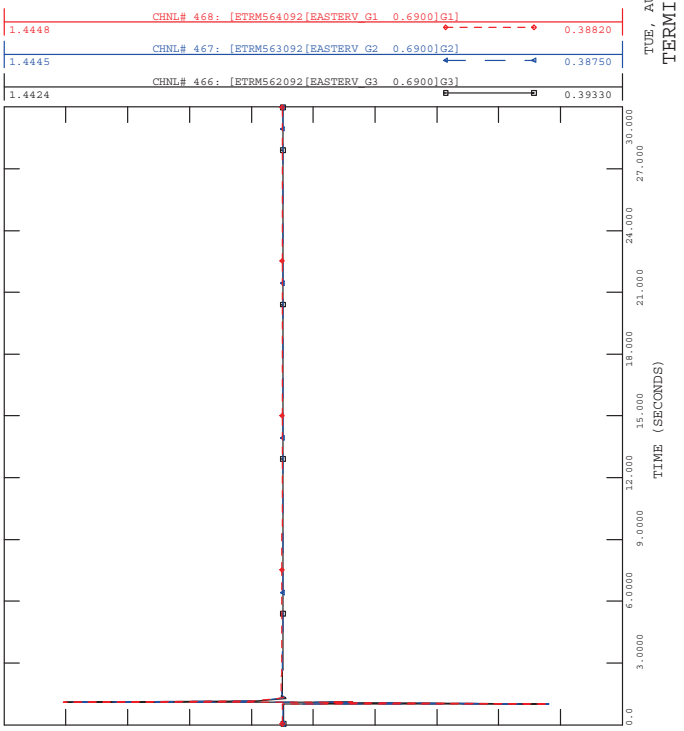

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_29_9L20_NEVIS
FILE: Scn5_2028SL_29_9L20_Nevis.out
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.54270
-1.000
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
0.67330
-1.026
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
5.8769
-3.988
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
3.1422
-2.402
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
3.3060
-1.341
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
3.5996
-1.717
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_29_9L20_NEVIS

FILE: Scn5_2028SL_29_9L20_Nevis.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

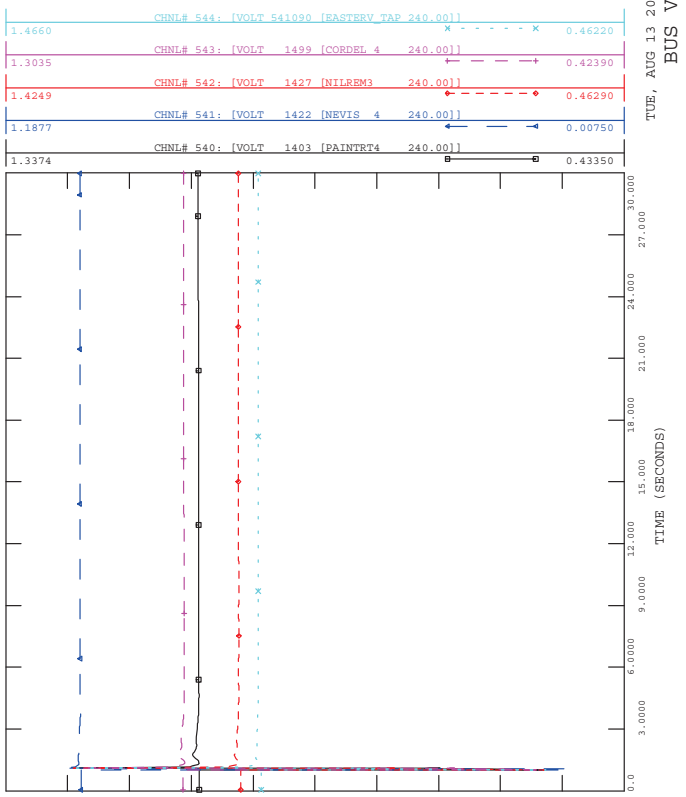


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_29_9L20_NEVIS

FILE: Scn5_2028SL_29_9L20_Nevis.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

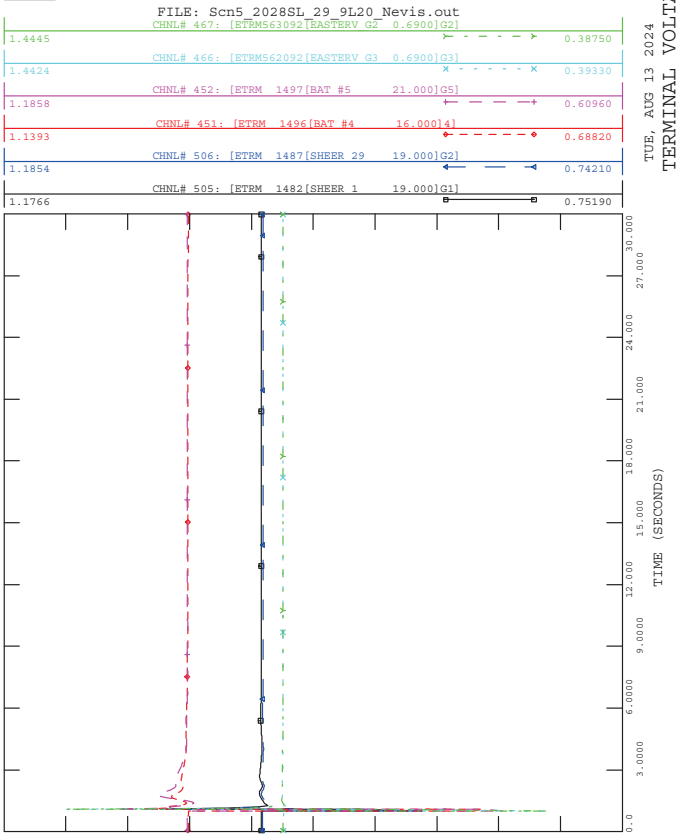


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_29_9L20_NEVIS

FILE: Scn5_2028SL_29_9L20_Nevis.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

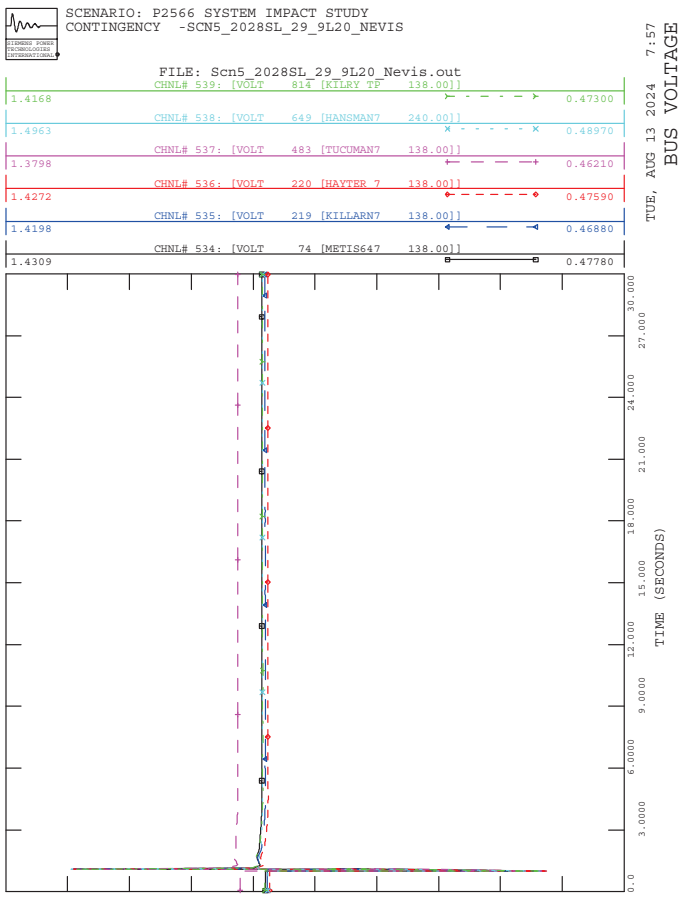


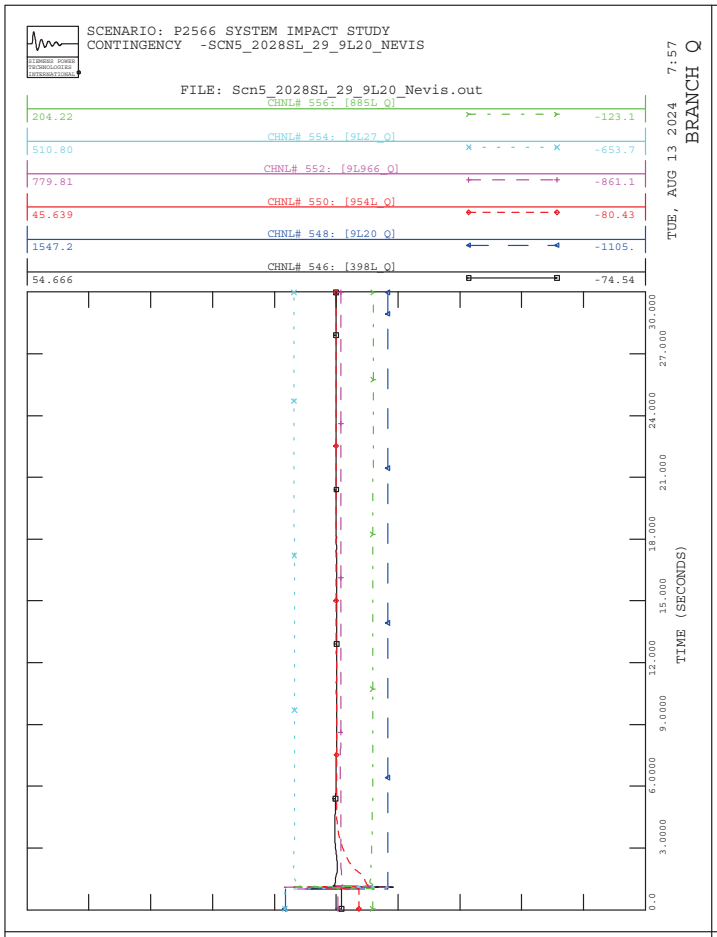
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_29_9L20_NEVIS

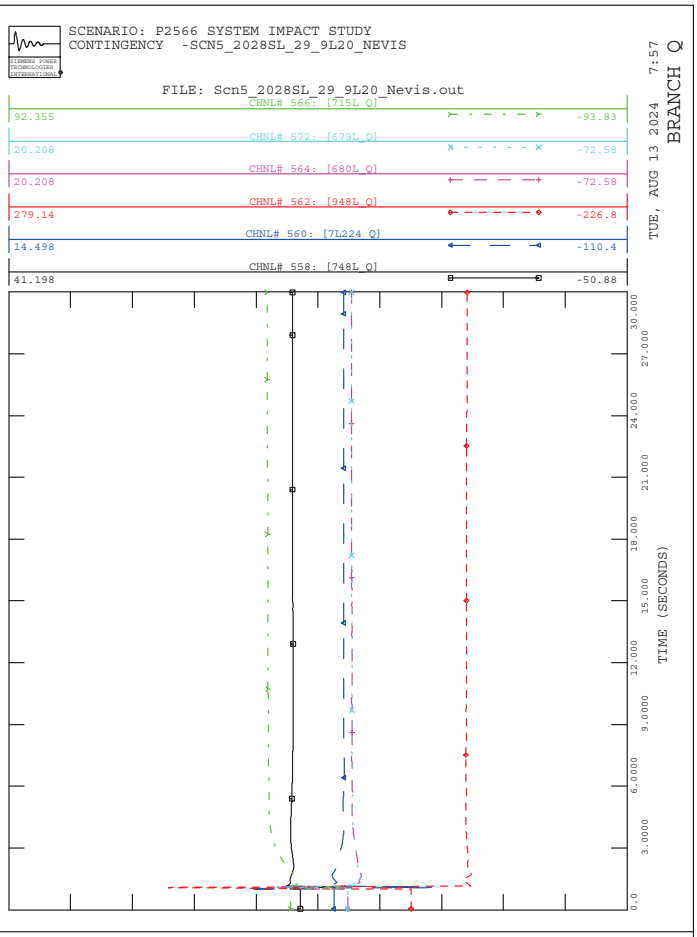
FILE: Scn5_2028SL_29_9L20_Nevis.out

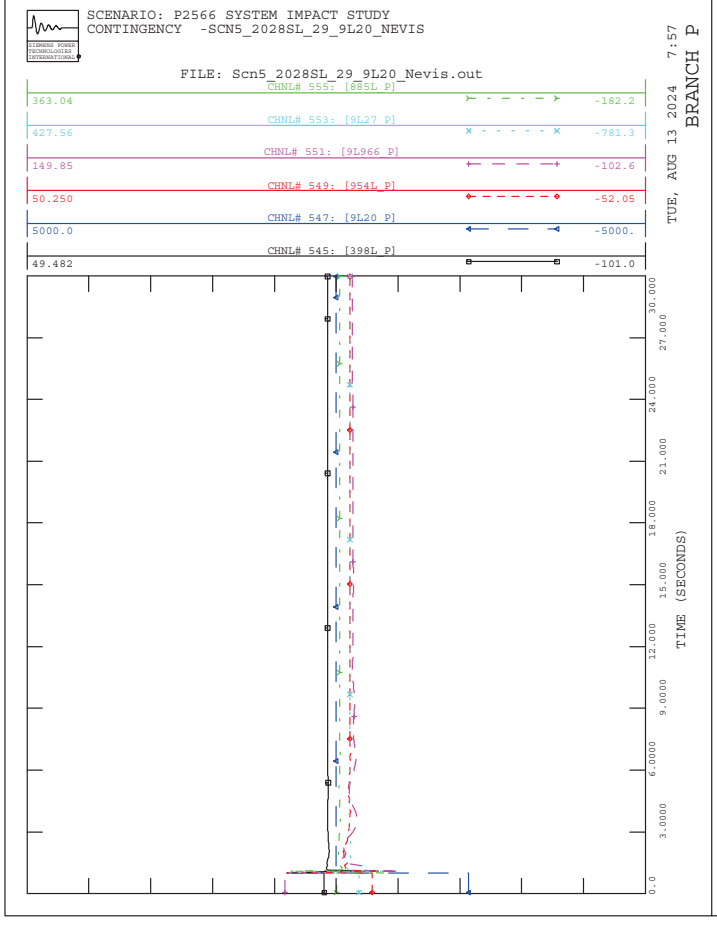
TUE, AUG 13 2024 7:57

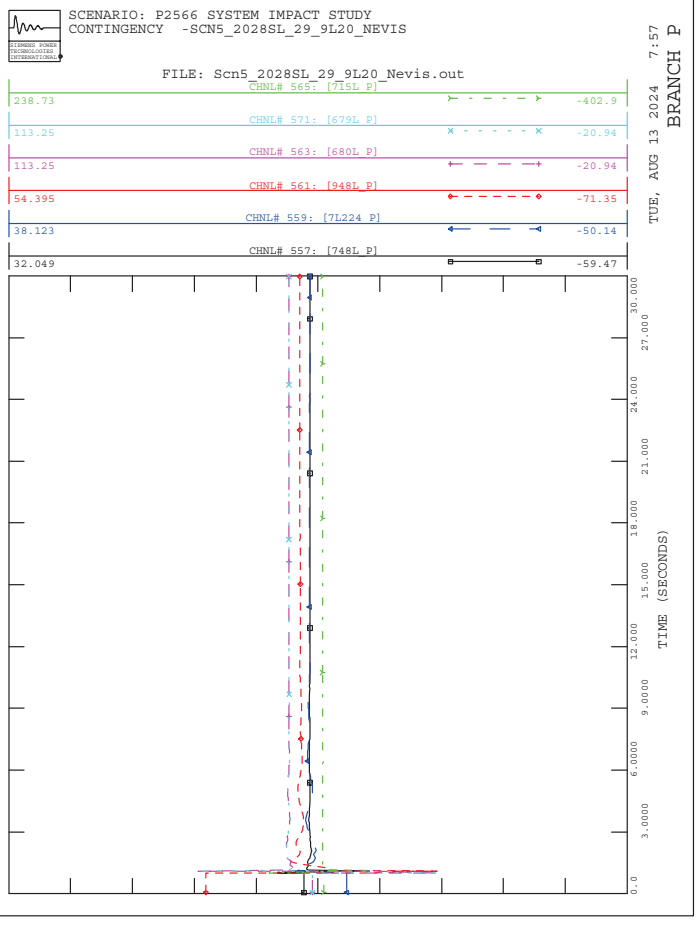
BUS VOLTAGE

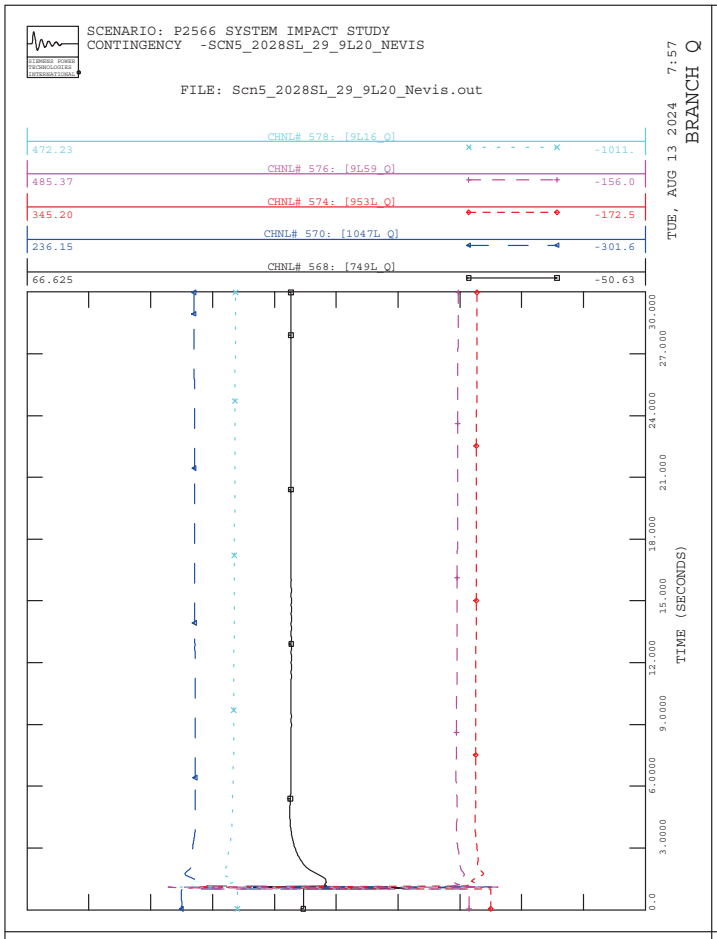


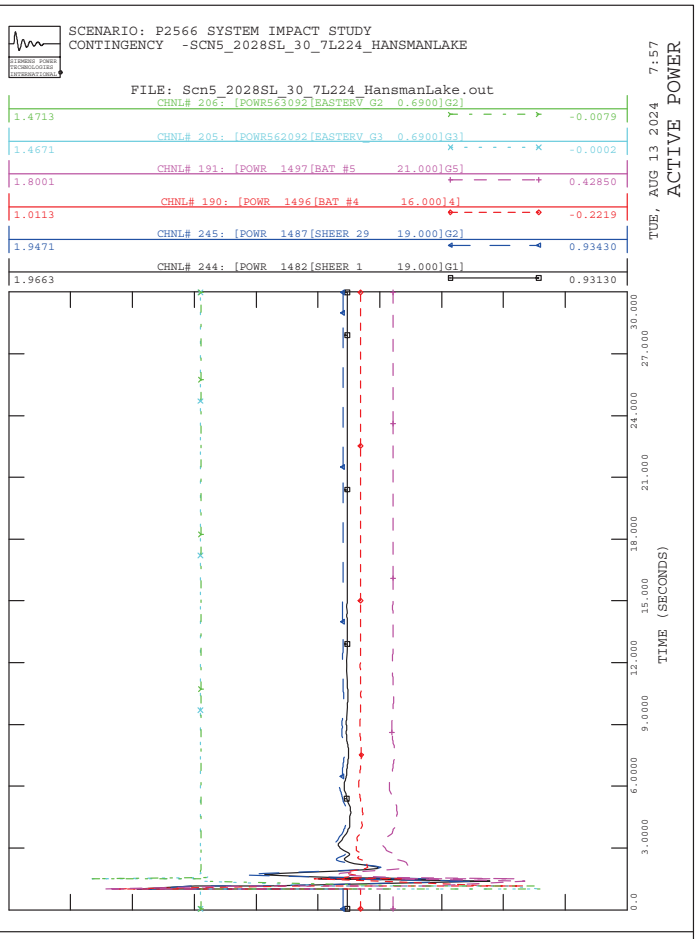

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_29_9L20_NEVIS
FILE: Scn5_2028SL_29_9L20_Nevis.out
CHNL# 556: [885L Q]
204.22
-123.1
CHNL# 554: [9L27 Q]
510.80
-653.7
CHNL# 552: [9L966 Q]
779.81
-861.1
CHNL# 550: [954L Q]
45.639
-80.43
CHNL# 548: [9L20 Q]
1547.2
-1105.
CHNL# 546: [398L Q]
54.666
-74.54
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

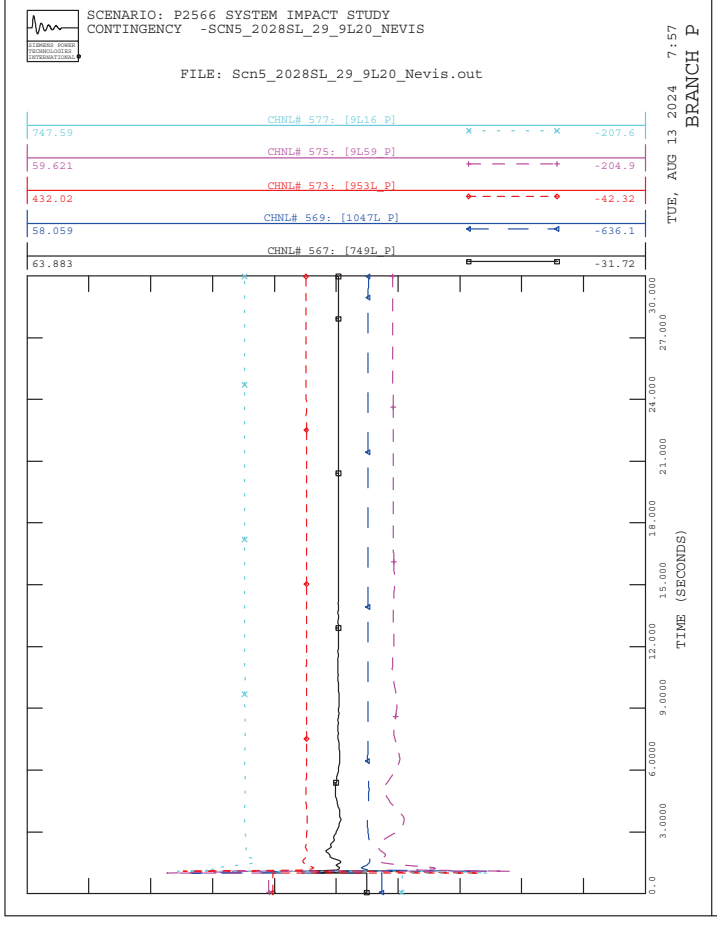

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_29_9L20_NEVIS
FILE: Scn5_2028SL_29_9L20_Nevis.out
CHNL# 566: [715L Q]
92.355
-93.83
CHNL# 572: [679L Q]
20.208
-72.58
CHNL# 564: [680L Q]
20.208
-72.58
CHNL# 562: [948L Q]
279.14
-226.8
CHNL# 560: [7L224 Q]
14.498
-110.4
CHNL# 558: [748L Q]
41.198
-50.88
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

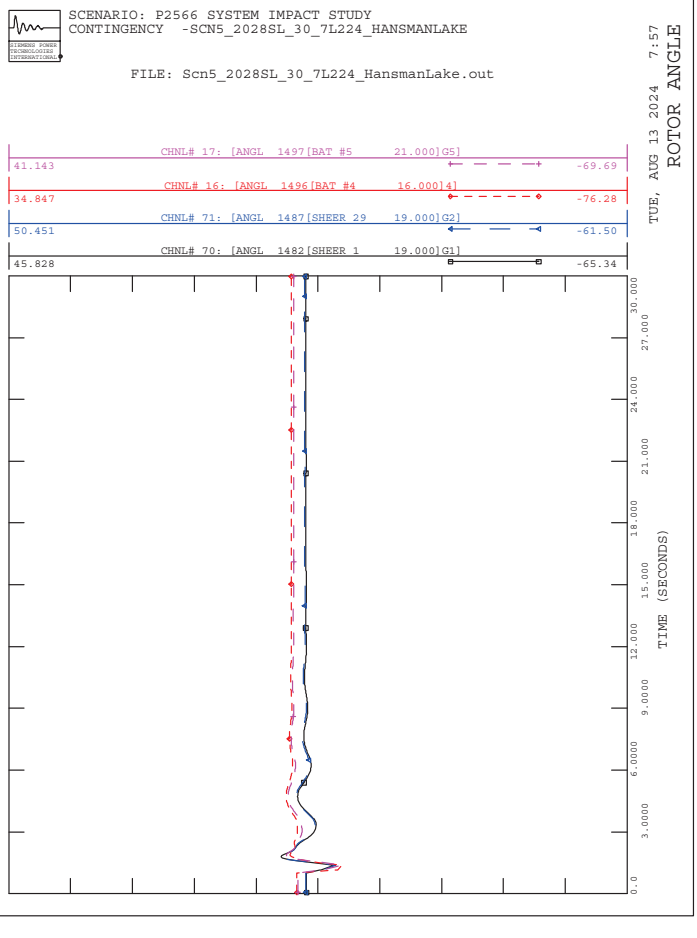

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_29_9L20_NEVIS
FILE: Scn5_2028SL_29_9L20_Nevis.out
CHNL# 555: [885L P]
363.04
-182.2
CHNL# 553: [9L27 P]
427.56
-781.3
CHNL# 551: [9L966 P]
149.85
-102.6
CHNL# 549: [954L P]
50.250
-52.05
CHNL# 547: [9L20 P]
5000.0
-5000.
CHNL# 545: [398L P]
49.482
-101.0
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_29_9L20_NEVIS
FILE: Scn5_2028SL_29_9L20_Nevis.out
CHNL# 565: [715L P]
238.73
-402.9
CHNL# 571: [679L P]
113.25
-20.94
CHNL# 563: [680L P]
113.25
-20.94
CHNL# 561: [948L P]
54.395
-71.35
CHNL# 559: [7L224 P]
38.123
-50.14
CHNL# 557: [748L P]
32.049
-59.47
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_29_9L20_NEVIS
FILE: Scn5_2028SL_29_9L20_Nevis.out
CHNL# 578: [9L16_Q] 472.23 -1011.
CHNL# 576: [9L59_Q] 485.37 -156.0
CHNL# 574: [953L_Q] 345.20 -172.5
CHNL# 570: [1047L_Q] 236.15 -301.6
CHNL# 568: [749L_Q] 66.625 -50.63
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_30_7L224_HANSMANLAKE
FILE: Scn5_2028SL_30_7L224_HansmanLake.out
CHNL# 206: [POWRS63092[EASTERV_G2 0.6900]G2] 1.4713 -0.0079
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3] 1.4671 -0.0002
CHNL# 191: [POWR 1497[BAT #5 21.000]G5] 1.8001 0.42850
CHNL# 190: [POWR 1496[BAT #4 16.000]4] 1.0113 -0.2219
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2] 1.9471 0.93430
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1] 1.9663 0.93130
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_29_9L20_NEVIS
FILE: Scn5_2028SL_29_9L20_Nevis.out
CHNL# 577: [9L16_P] 747.59 -207.6
CHNL# 575: [9L59_P] 59.621 -204.9
CHNL# 573: [953L_P] 432.02 -42.32
CHNL# 569: [1047L_P] 58.059 -636.1
CHNL# 567: [749L_P] 63.883 -31.72
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_30_7L224_HANSMANLAKE
FILE: Scn5_2028SL_30_7L224_HansmanLake.out
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5] 41.143 -69.69
CHNL# 16: [ANGL 1496[BAT #4 16.000]4] 34.847 -76.28
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2] 50.451 -61.50
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1] 45.828 -65.34
TUE, AUG 13 2024 7:57
ROTOR ANGLE
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_30_7L224_HANSMANLAKE

FILE: Scn5_2028SL_30_7L224_HansmanLake.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.91170 -1.079

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.3299 -1.282

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
3.4333 -2.351

CHNL# 277: [VARS 1496[BAT #4 16.000]4]
1.8617 -1.406

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
2.4246 -1.378

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
2.5577 -1.474

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_30_7L224_HANSMANLAKE

FILE: Scn5_2028SL_30_7L224_HansmanLake.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4360 0.31170

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4359 0.31780

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1980 0.77570

CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
1.1763 0.78770

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1730 0.80280

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1692 0.80870

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_30_7L224_HANSMANLAKE

FILE: Scn5_2028SL_30_7L224_HansmanLake.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.4712 -0.0071

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.4713 -0.0079

CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.4671 -0.0002

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_30_7L224_HANSMANLAKE

FILE: Scn5_2028SL_30_7L224_HansmanLake.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
0.91230 -1.079

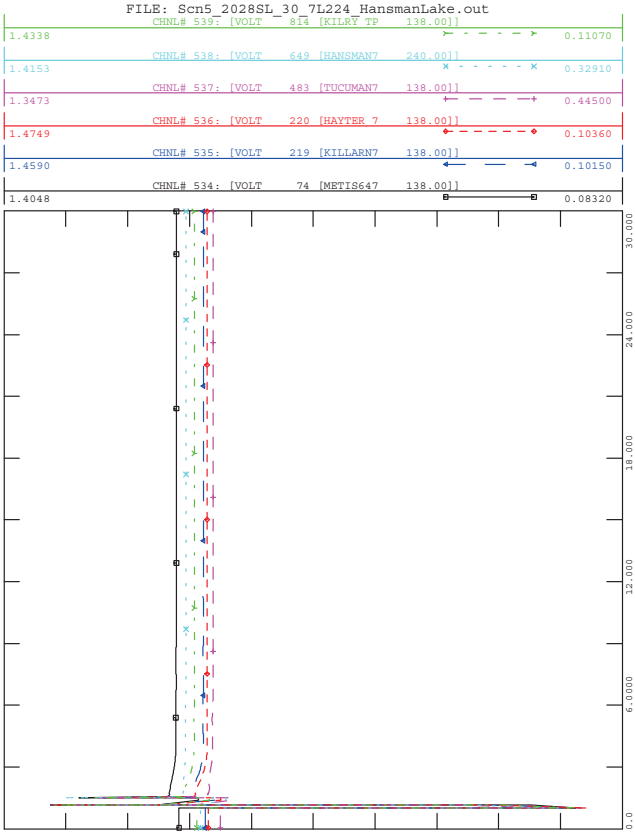
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.91170 -1.079

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.3299 -1.282

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_30_7L224_HANSMANLAKE

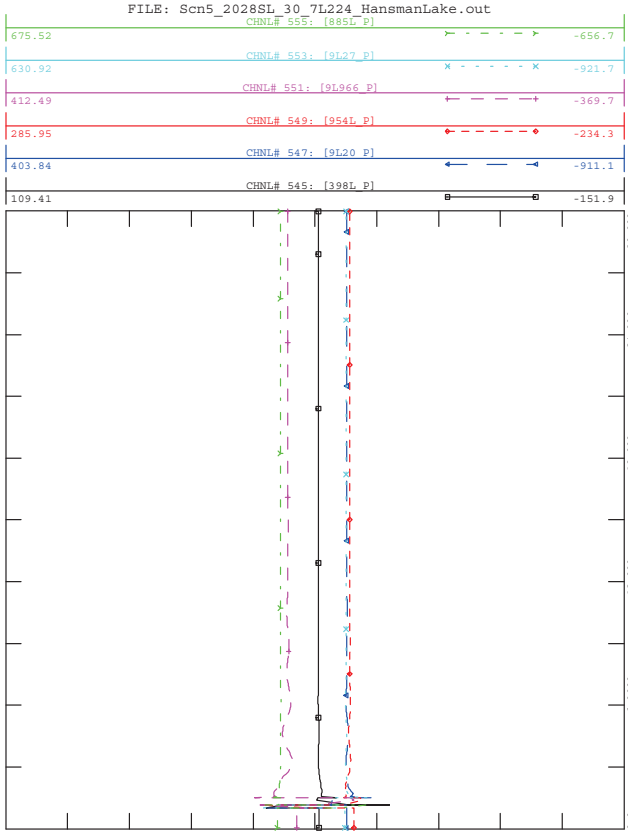
FILE: Scn5_2028SL_30_7L224_HansmanLake.out



TUE, AUG 13 2024 7:57
BUS VOLTAGE

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_30_7L224_HANSMANLAKE

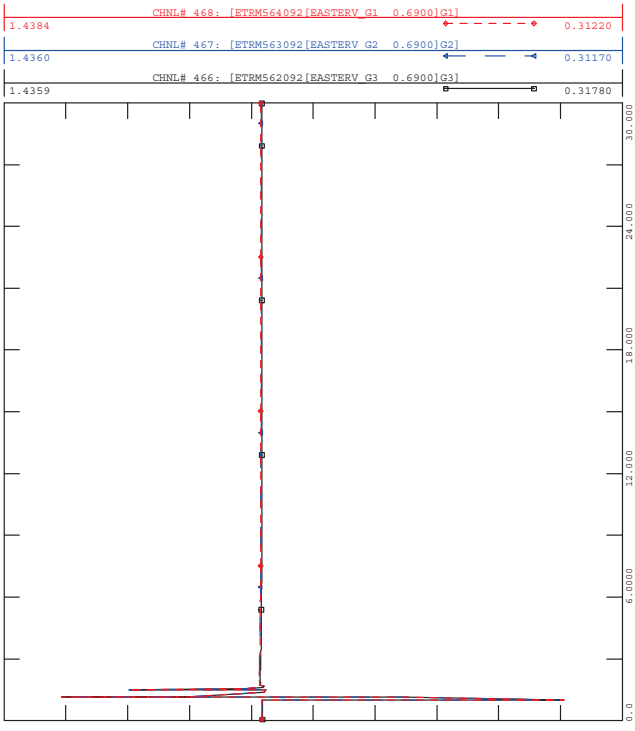
FILE: Scn5_2028SL_30_7L224_HansmanLake.out



TUE, AUG 13 2024 7:57
BRANCH P

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_30_7L224_HANSMANLAKE

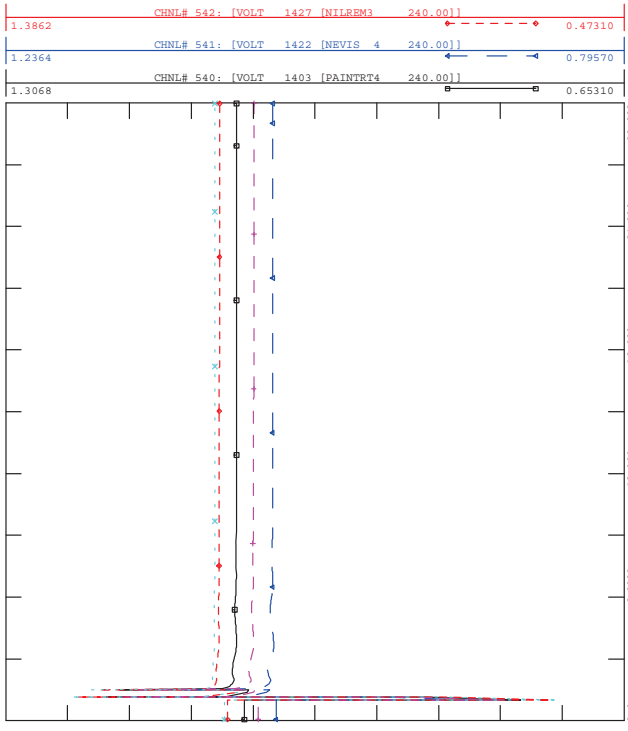
FILE: Scn5_2028SL_30_7L224_HansmanLake.out



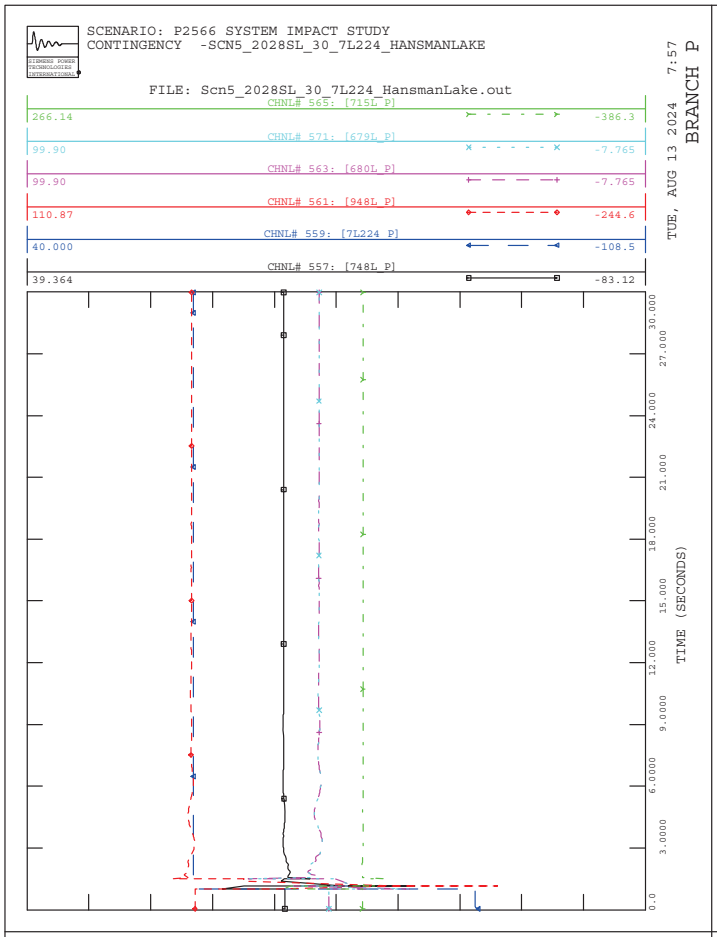
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE

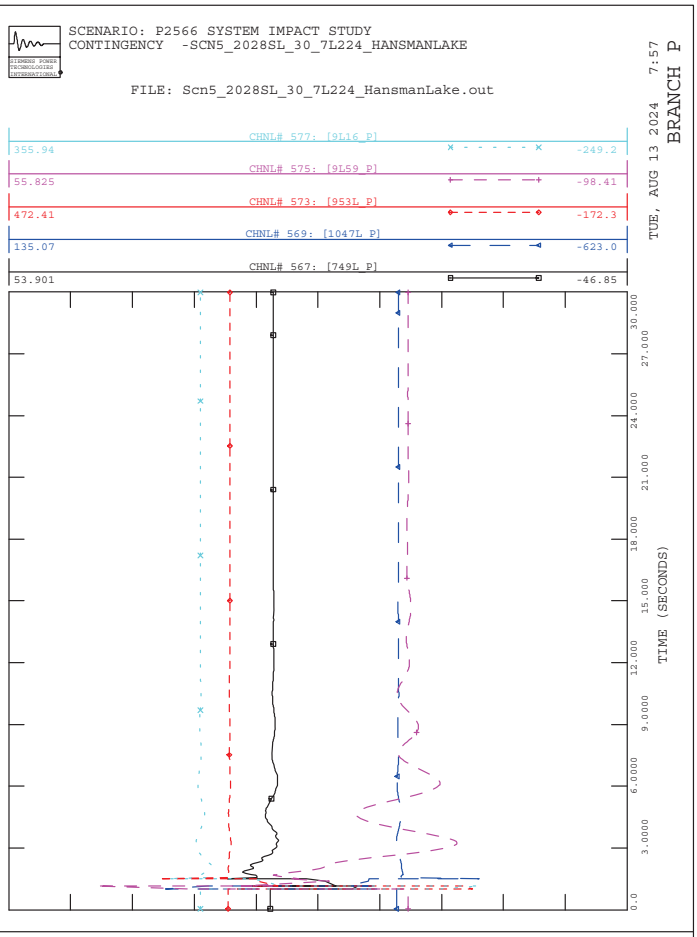
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_30_7L224_HANSMANLAKE

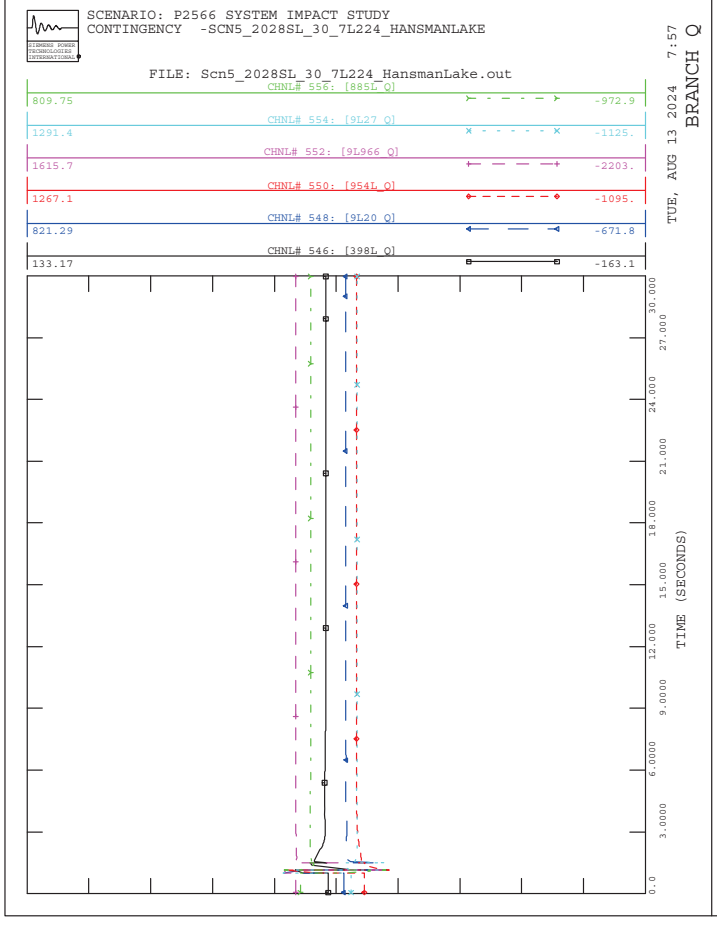
FILE: Scn5_2028SL_30_7L224_HansmanLake.out

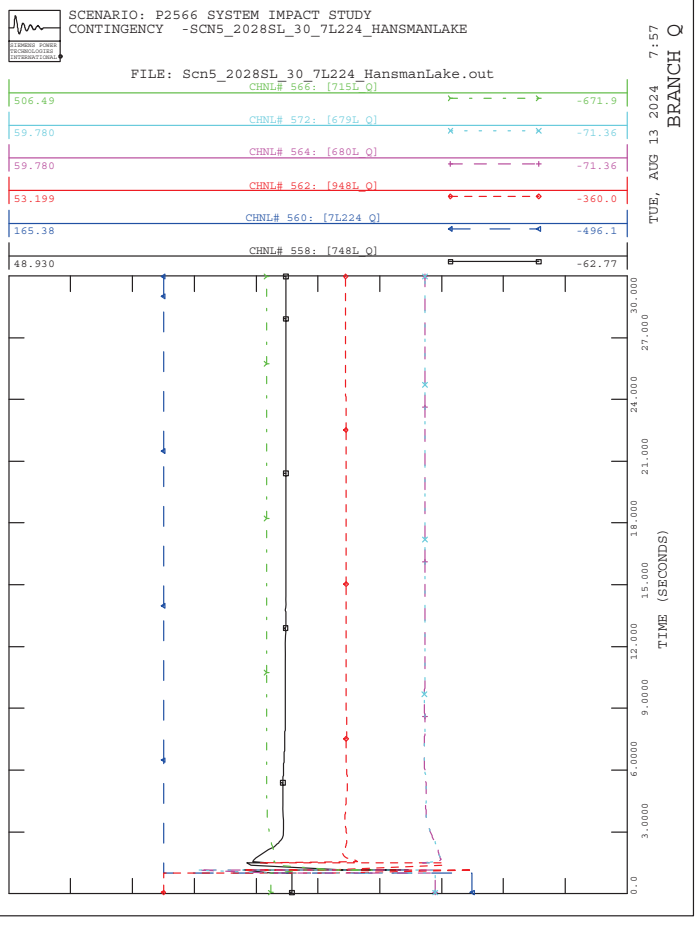


TUE, AUG 13 2024 7:57
BUS VOLTAGE


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_30_7L224_HANSMANLAKE
FILE: Scn5_2028SL_30_7L224_HansmanLake.out
CHNL# 565: [715L P]
266.14
-386.3
CHNL# 571: [679L P]
99.90
-7.765
CHNL# 563: [680L P]
99.90
-7.765
CHNL# 561: [948L P]
110.87
-244.6
CHNL# 559: [7L224 P]
40.000
-108.5
CHNL# 557: [748L P]
39.364
-83.12
BRANCH P
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_30_7L224_HANSMANLAKE
FILE: Scn5_2028SL_30_7L224_HansmanLake.out
CHNL# 577: [9L16_P]
355.94
-249.2
CHNL# 575: [9L59_P]
55.825
-98.41
CHNL# 573: [953L P]
472.41
-172.3
CHNL# 569: [1047L P]
135.07
-623.0
CHNL# 567: [749L P]
53.901
-46.85
BRANCH P
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_30_7L224_HANSMANLAKE
FILE: Scn5_2028SL_30_7L224_HansmanLake.out
CHNL# 556: [885L Q]
809.75
-972.9
CHNL# 554: [9L27 Q]
1291.4
-1125.
CHNL# 552: [9L966 Q]
1615.7
-2203.
CHNL# 550: [954L Q]
1267.1
-1095.
CHNL# 548: [9L20 Q]
821.29
-671.8
CHNL# 546: [398L Q]
133.17
-163.1
BRANCH Q
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

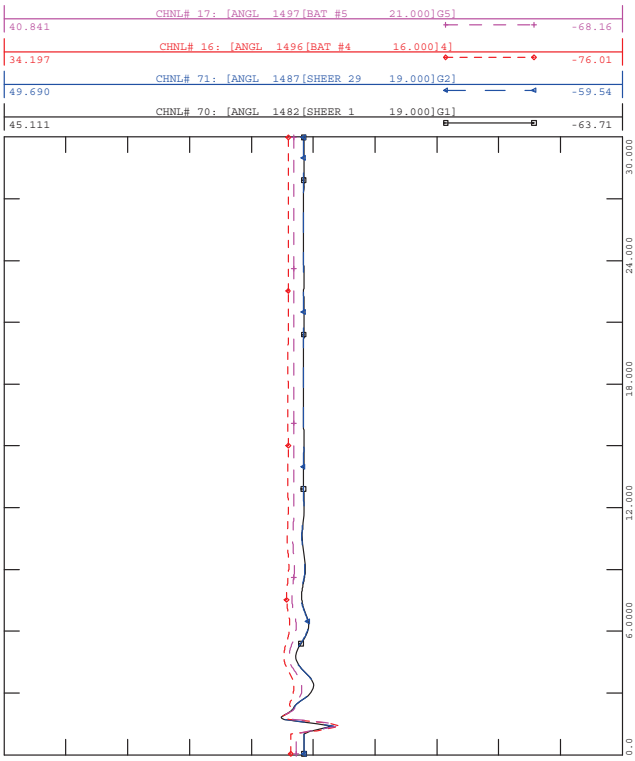

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_30_7L224_HANSMANLAKE
FILE: Scn5_2028SL_30_7L224_HansmanLake.out
CHNL# 566: [715L Q]
506.49
-671.9
CHNL# 572: [679L Q]
59.780
-71.36
CHNL# 564: [680L Q]
59.780
-71.36
CHNL# 562: [948L Q]
53.199
-360.0
CHNL# 560: [7L224 Q]
165.38
-496.1
CHNL# 558: [748L Q]
48.930
-62.77
BRANCH Q
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_31_7L224_MONITOR

FILE: Scn5_2028SL_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

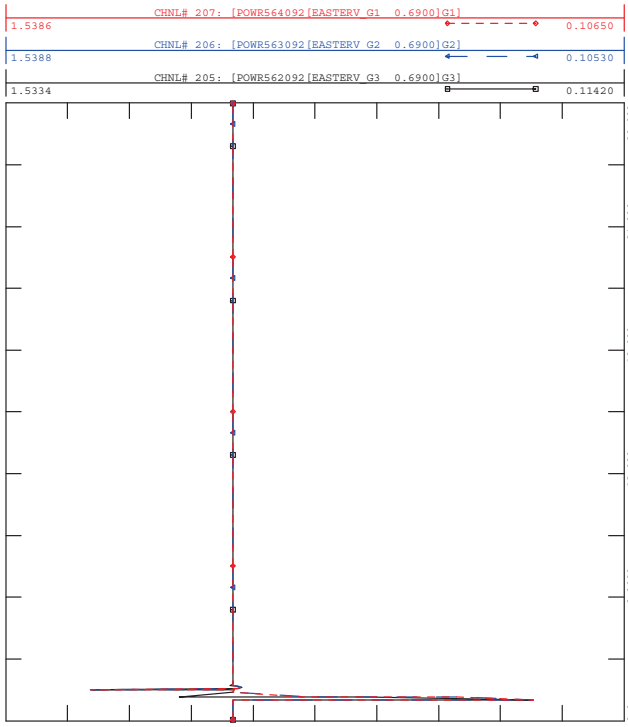


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_31_7L224_MONITOR

FILE: Scn5_2028SL_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

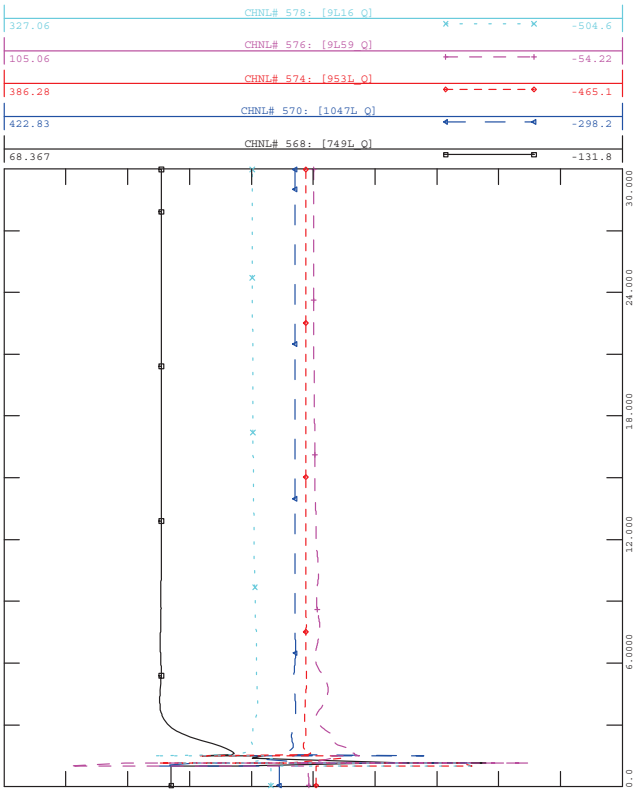


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_30_7L224_HANSMANLAKE

FILE: Scn5_2028SL_30_7L224_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

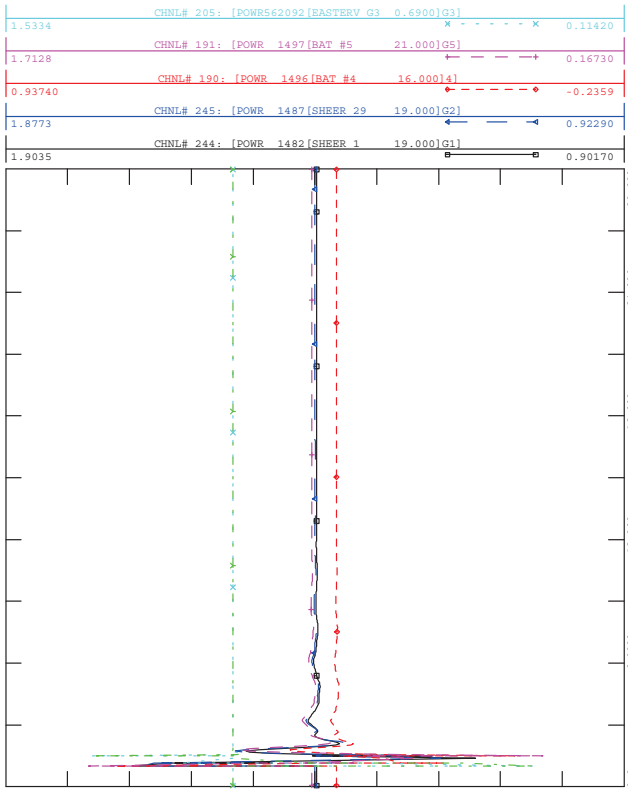


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_31_7L224_MONITOR

FILE: Scn5_2028SL_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

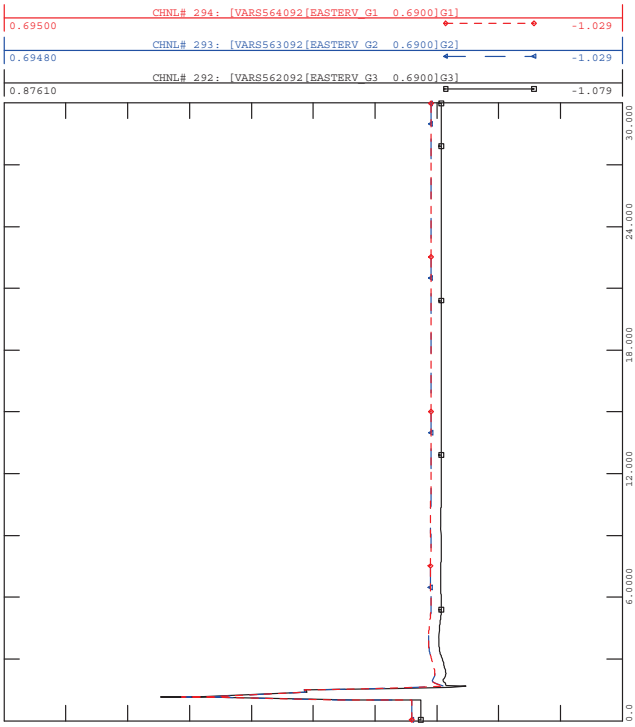


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_31_7L224_MONITOR

FILE: Scn5_2028SL_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

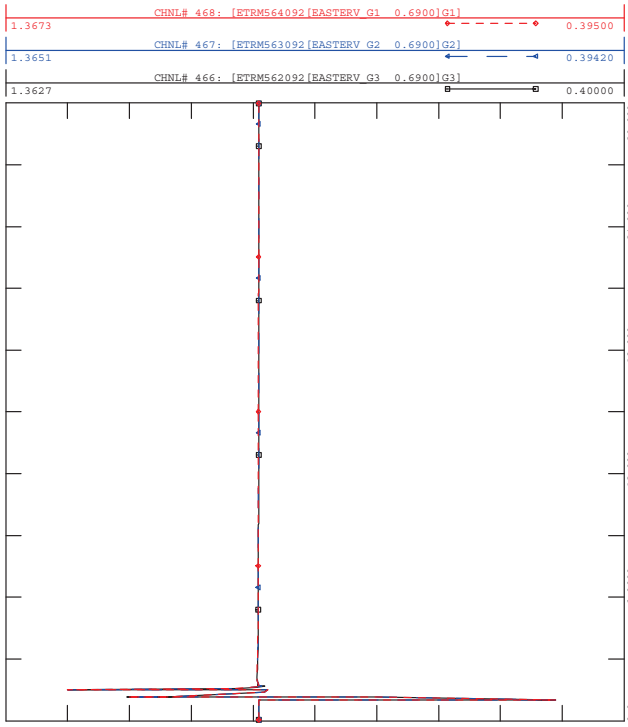


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_31_7L224_MONITOR

FILE: Scn5_2028SL_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

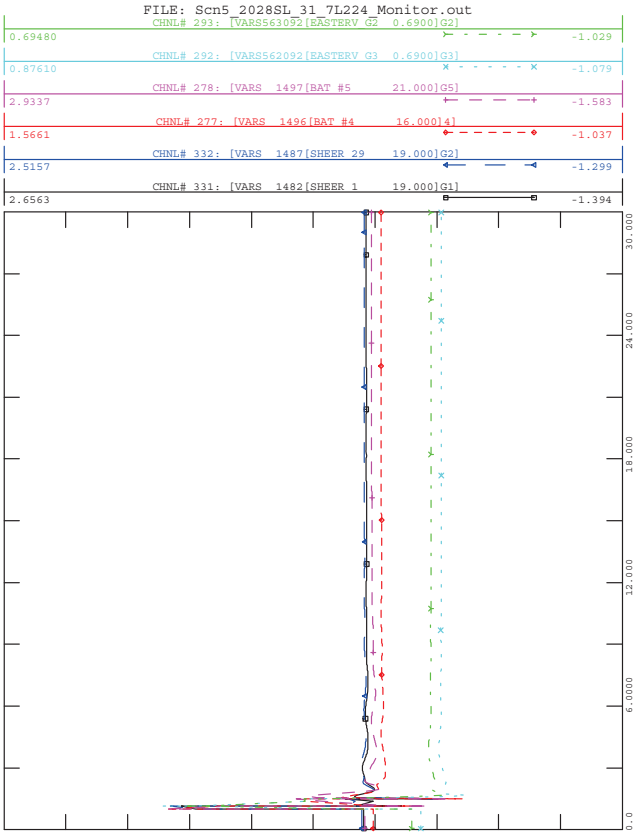


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_31_7L224_MONITOR

FILE: Scn5_2028SL_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

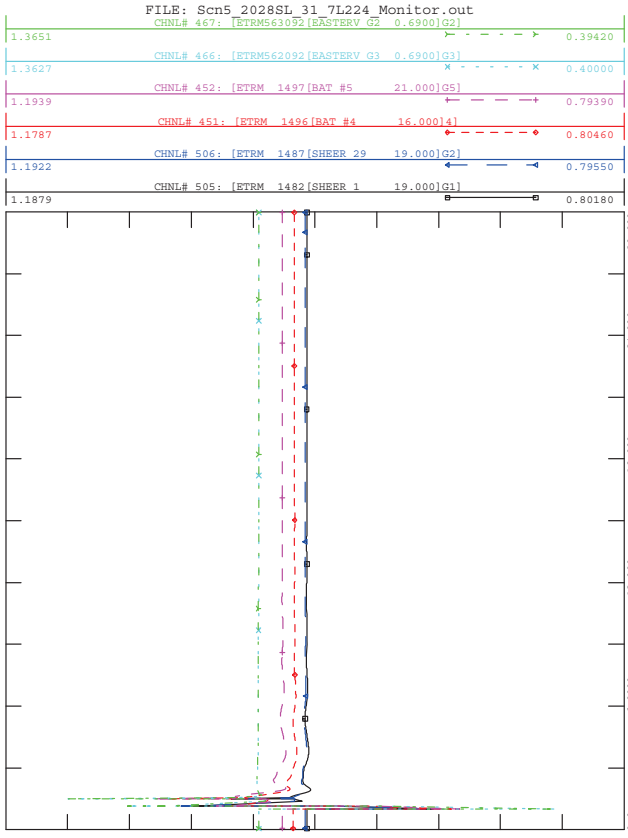


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_31_7L224_MONITOR

FILE: Scn5_2028SL_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_31_7L224_MONITOR

FILE: Scn5_2028SL_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.4096 0.46910
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2664 0.74730
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3756 0.55270
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2207 0.81160
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2972 0.69290

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_31_7L224_MONITOR

FILE: Scn5_2028SL_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L Q]
1111.6 -1505.
CHNL# 554: [9L27 Q]
1238.8 -1123.
CHNL# 552: [9L966 Q]
1467.1 -1520.
CHNL# 550: [954L Q]
1151.4 -860.2
CHNL# 548: [9L20 Q]
722.66 -583.7
CHNL# 546: [398L Q]
69.821 -72.88

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_31_7L224_MONITOR

FILE: Scn5_2028SL_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.3838 0.34750
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4452 0.41960
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3356 0.53780
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.3948 0.34340
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.3909 0.33990
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.3815 0.33410

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_31_7L224_MONITOR

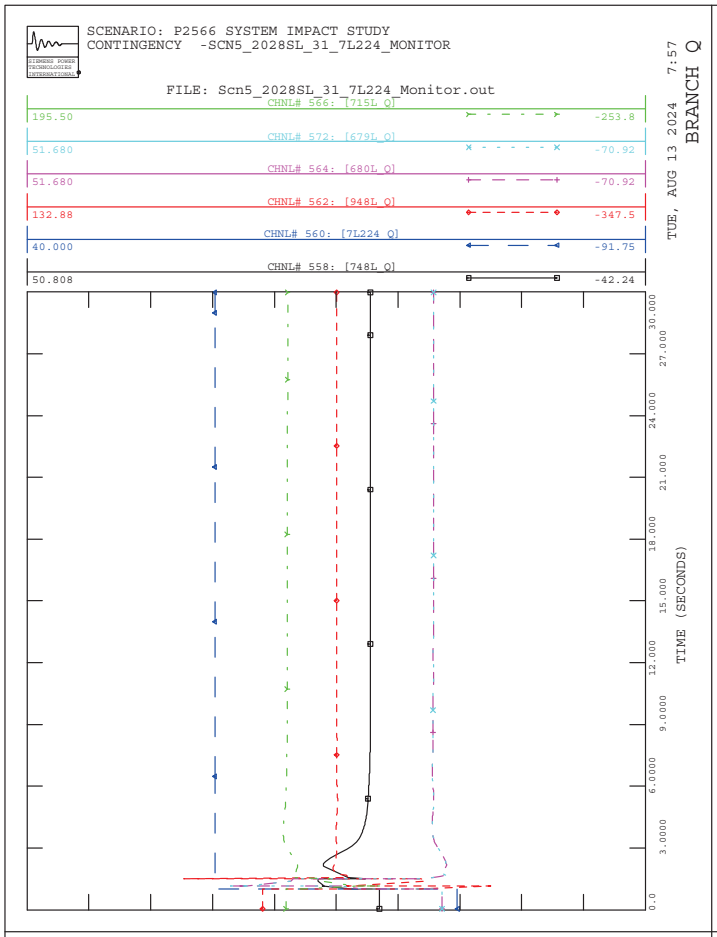
FILE: Scn5_2028SL_31_7L224_Monitor.out

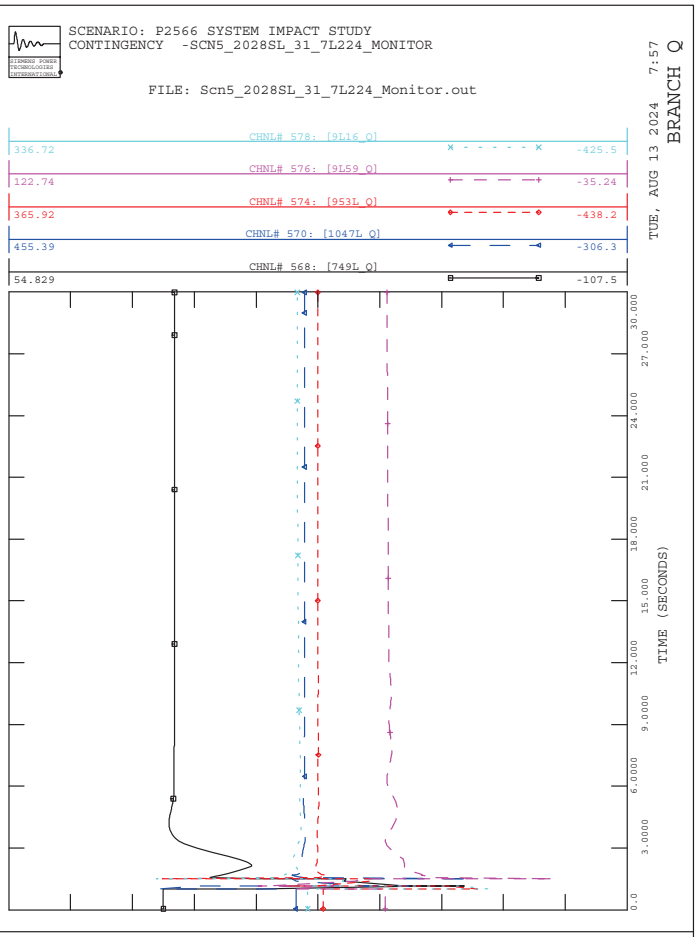
TUE, AUG 13 2024 7:57

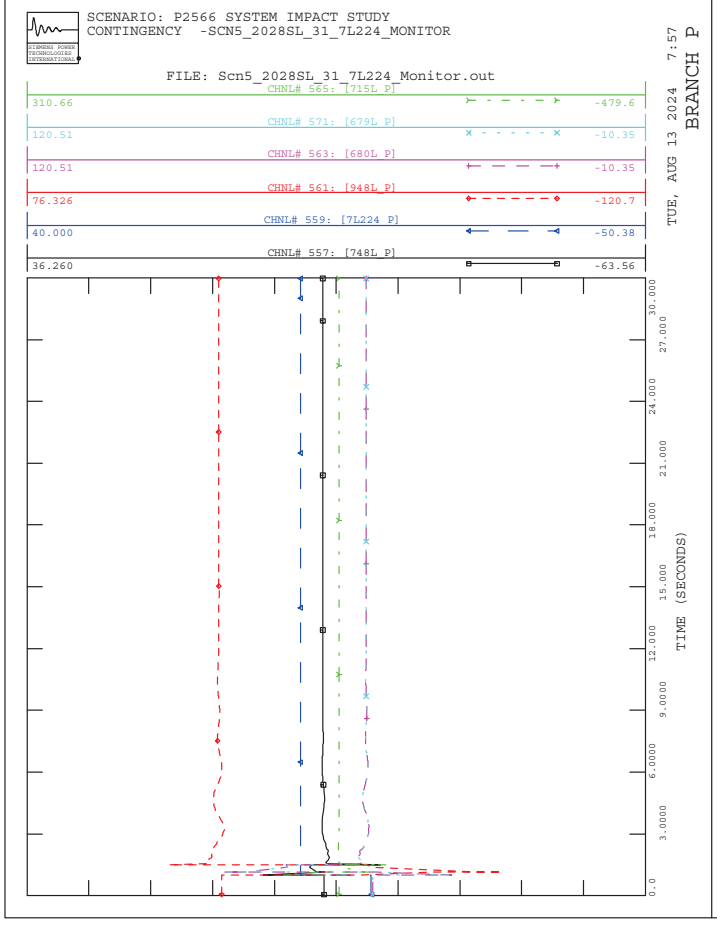
BRANCH P

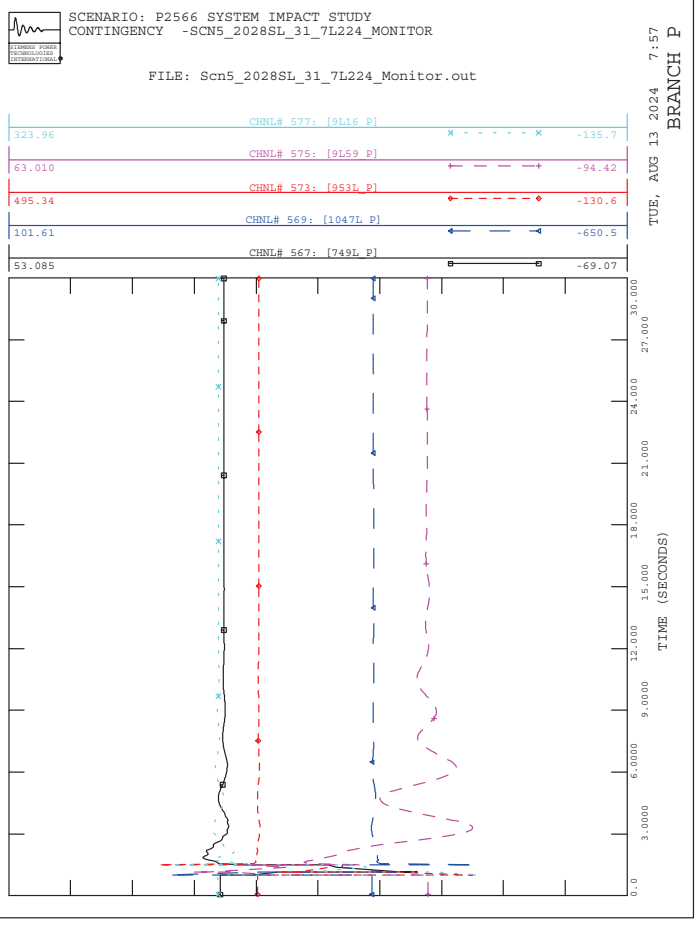
CHNL# 555: [885L P]
715.51 -691.2
CHNL# 553: [9L27 P]
583.28 -917.8
CHNL# 551: [9L966 P]
770.60 -493.5
CHNL# 549: [954L P]
386.51 -308.9
CHNL# 547: [9L20 P]
319.71 -855.0
CHNL# 545: [398L P]
58.766 -94.25

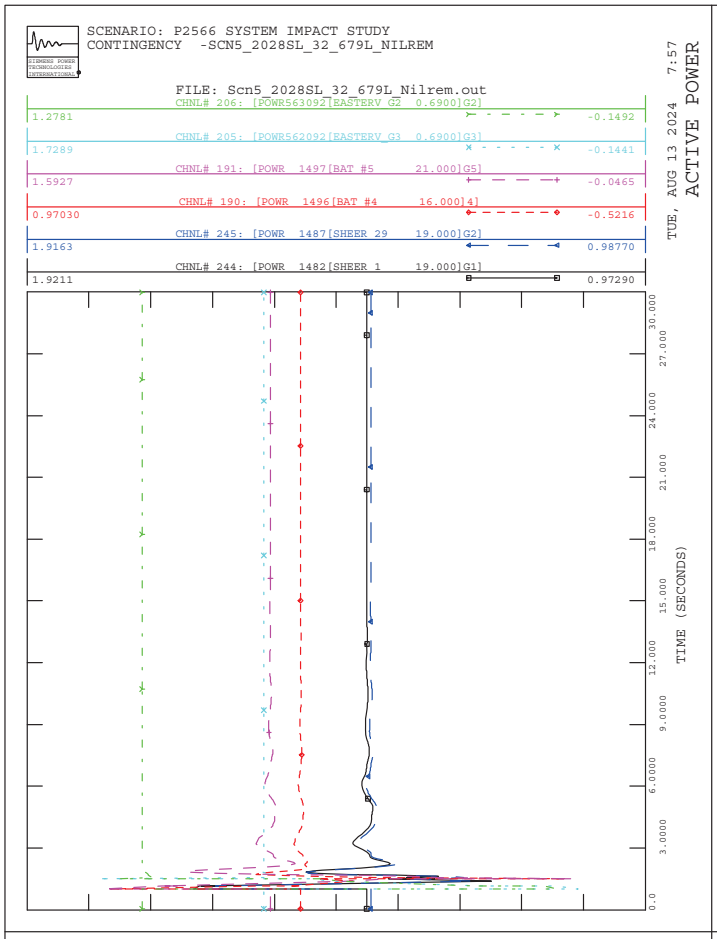
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

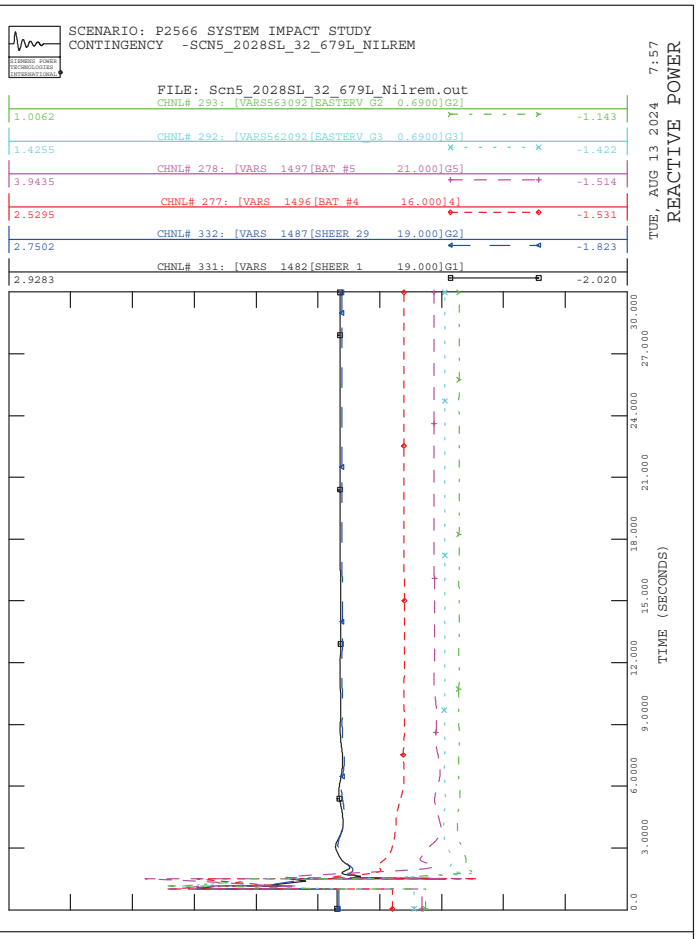

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_31_7L224_MONITOR
FILE: Scn5_2028SL_31_7L224_Monitor.out
CHNL# 566: [715L Q]
195.50
-253.8
CHNL# 572: [679L Q]
51.680
-70.92
CHNL# 564: [680L Q]
51.680
-70.92
CHNL# 562: [948L Q]
132.88
-347.5
CHNL# 560: [7L224 Q]
40.000
-91.75
CHNL# 558: [748L Q]
50.808
-42.24
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

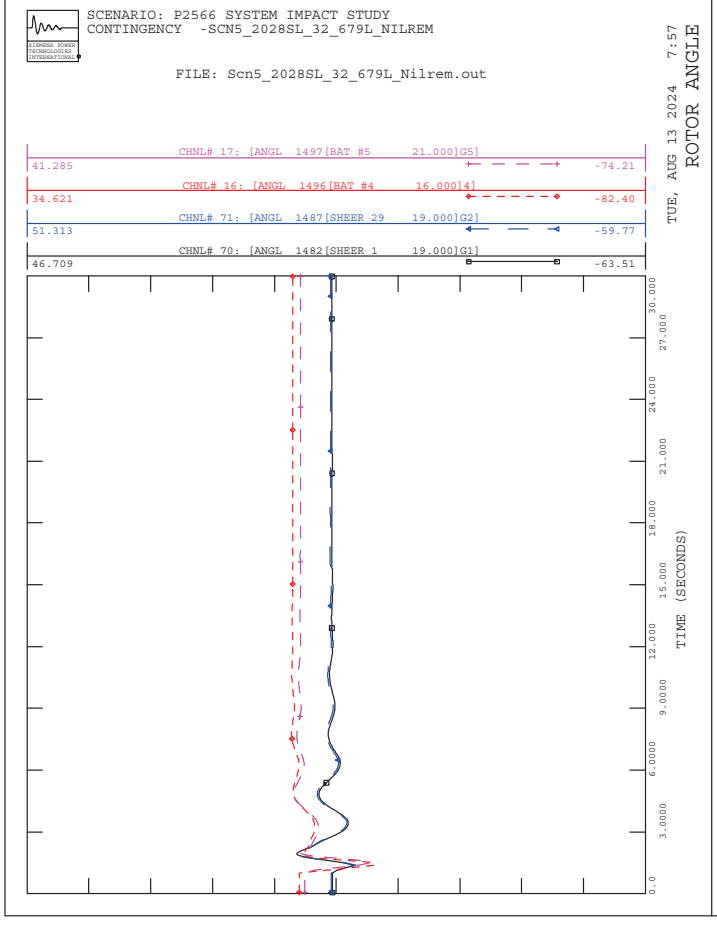

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_31_7L224_MONITOR
FILE: Scn5_2028SL_31_7L224_Monitor.out
CHNL# 578: [9L16 Q]
336.72
-425.5
CHNL# 576: [9L59 Q]
122.74
-35.24
CHNL# 574: [953L Q]
365.92
-438.2
CHNL# 570: [1047L Q]
455.39
-306.3
CHNL# 568: [749L Q]
54.829
-107.5
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
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3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

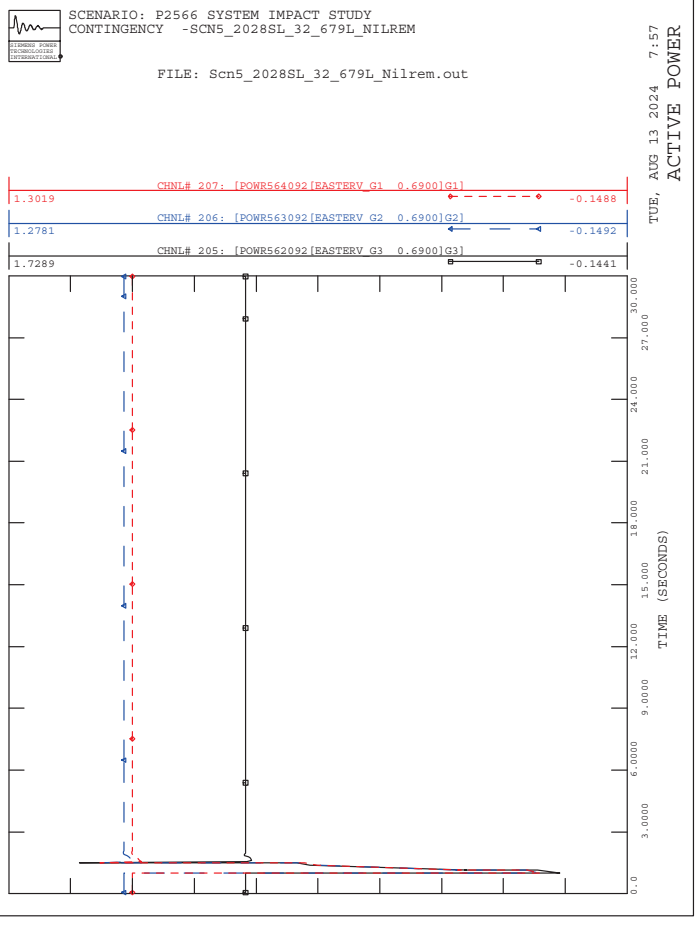

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_31_7L224_MONITOR
FILE: Scn5_2028SL_31_7L224_Monitor.out
CHNL# 565: [715L P]
310.66
-479.6
CHNL# 571: [679L P]
120.51
-10.35
CHNL# 563: [680L P]
120.51
-10.35
CHNL# 561: [948L P]
76.326
-120.7
CHNL# 559: [7L224 P]
40.000
-50.38
CHNL# 557: [748L P]
36.260
-63.56
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
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6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

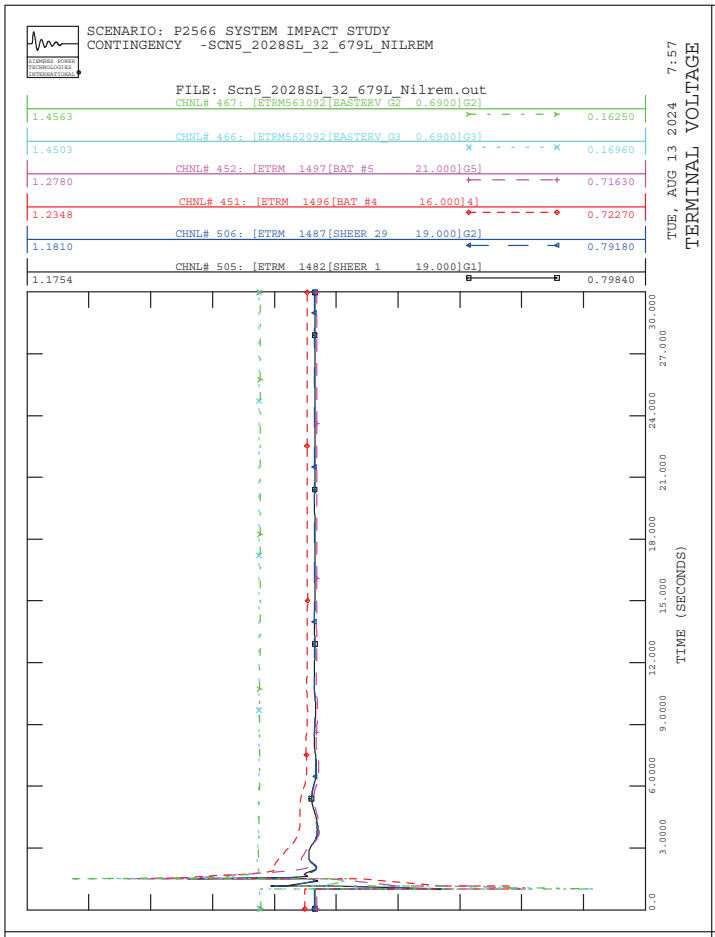

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_31_7L224_MONITOR
FILE: Scn5_2028SL_31_7L224_Monitor.out
CHNL# 577: [9L16 P]
323.96
-135.7
CHNL# 575: [9L59 P]
63.010
-94.42
CHNL# 573: [953L P]
495.34
-130.6
CHNL# 569: [1047L P]
101.61
-650.5
CHNL# 567: [749L P]
53.085
-69.07
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
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6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

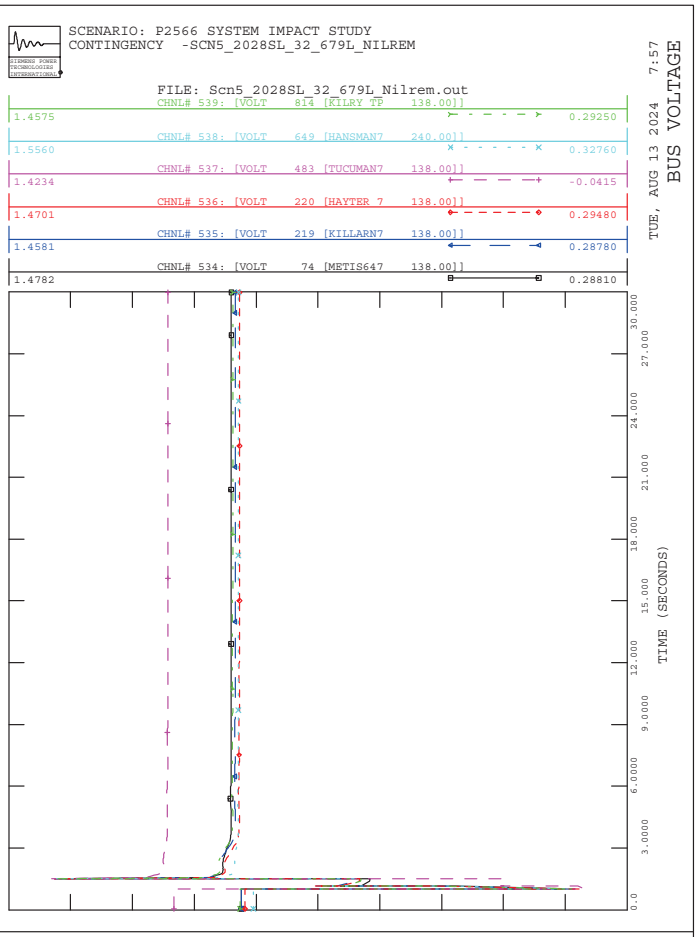

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_32_679L_NILREM
FILE: Scn5_2028SL_32_679L_Nilrem.out
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2781
-0.1492
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.7289
-0.1441
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.5927
-0.0465
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.97030
-0.5216
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
1.9163
0.98770
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
1.9211
0.97290
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

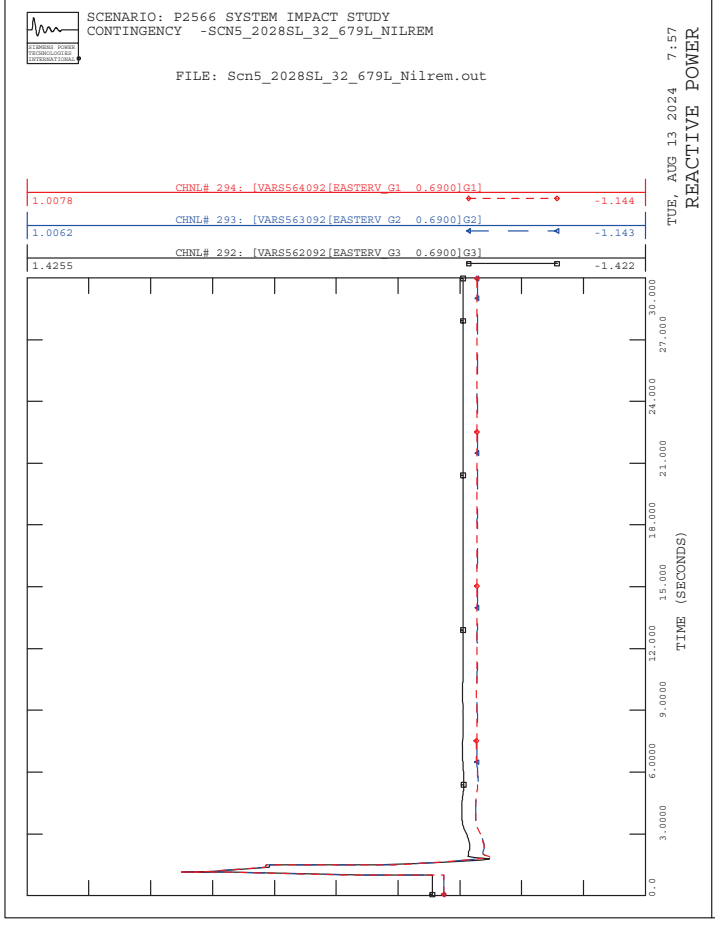

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_32_679L_NILREM
FILE: Scn5_2028SL_32_679L_Nilrem.out
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.0062
-1.143
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.4255
-1.422
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
3.9435
-1.514
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
2.5295
-1.531
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
2.7502
-1.823
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
2.9283
-2.020
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

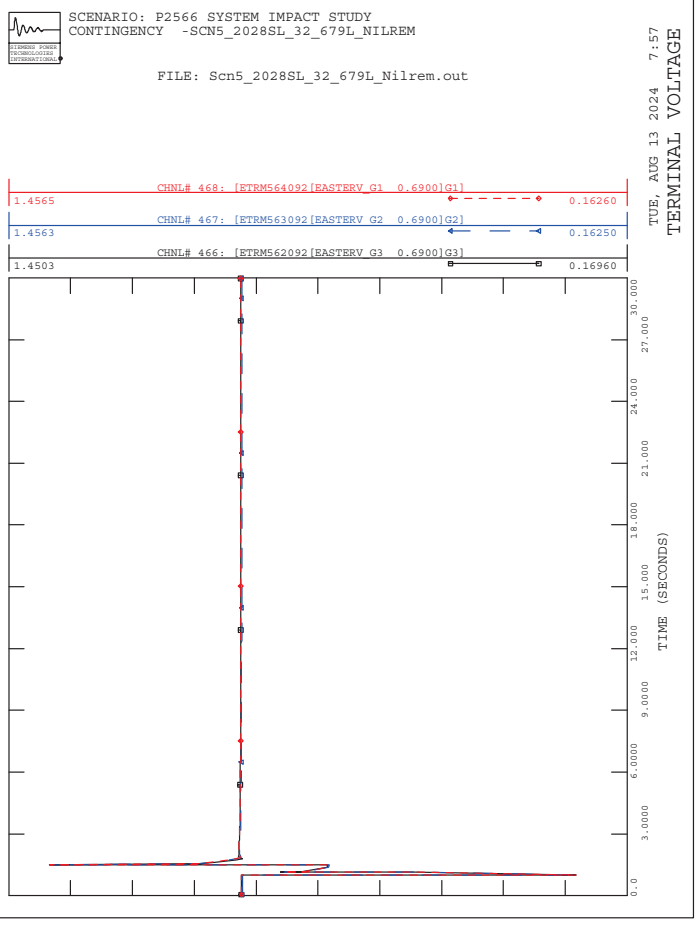

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_32_679L_NILREM
FILE: Scn5_2028SL_32_679L_Nilrem.out
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
41.285
-74.21
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
34.621
-82.40
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
51.313
-59.77
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
46.709
-63.51
TUE, AUG 13 2024 7:57
ROTOR ANGLE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_32_679L_NILREM
FILE: Scn5_2028SL_32_679L_Nilrem.out
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.3019
-0.1488
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2781
-0.1492
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.7289
-0.1441
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_32_679L_NILREM
FILE: Scn5_2028SL_32_679L_Nilrem.out
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4563
0.16250
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4503
0.16960
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2780
0.71630
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
1.2348
0.72270
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1810
0.79180
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1754
0.79840
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

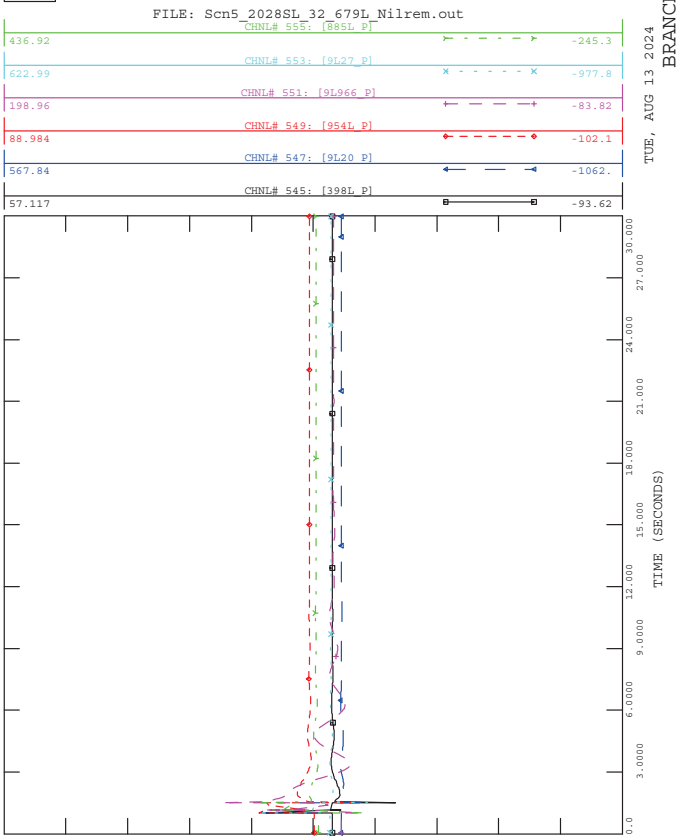

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_32_679L_NILREM
FILE: Scn5_2028SL_32_679L_Nilrem.out
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4575
0.29250
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5560
0.32760
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4234
-0.0415
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4701
0.29480
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4581
0.28780
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4782
0.28810
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_32_679L_NILREM
FILE: Scn5_2028SL_32_679L_Nilrem.out
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.0078
-1.144
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.0062
-1.143
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.4255
-1.422
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_32_679L_NILREM
FILE: Scn5_2028SL_32_679L_Nilrem.out
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.4565
0.16260
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4563
0.16250
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4503
0.16960
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

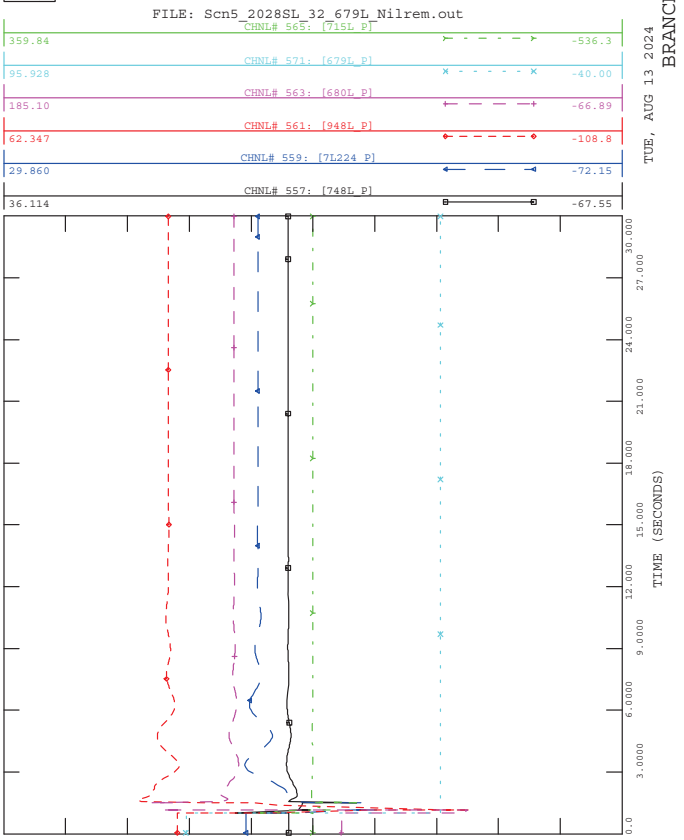
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_32_679L_NILREM

FILE: Scn5_2028SL_32_679L_Nilrem.out



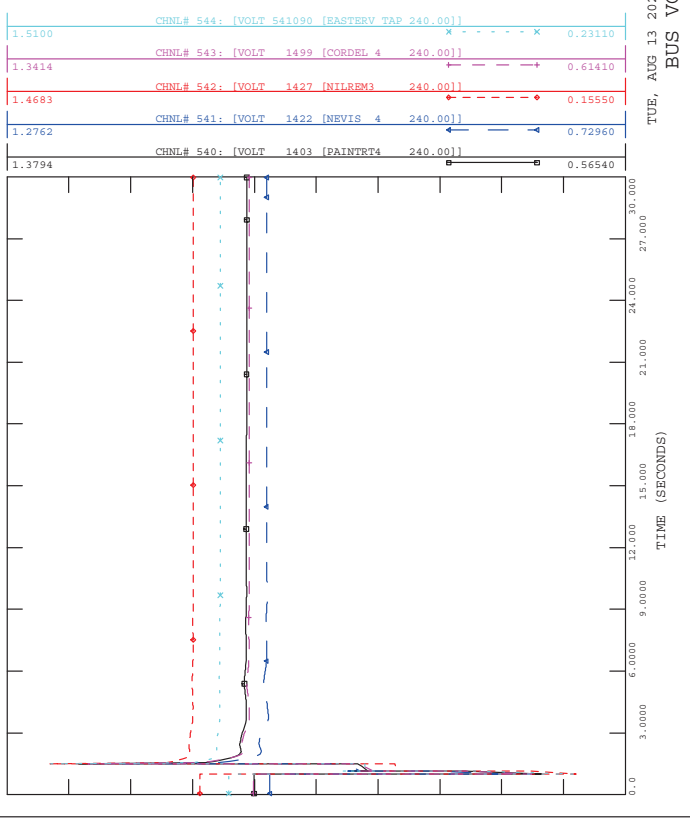
SCENARIO: P2566 SYSTEM IMPACT STUDY
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FILE: Scn5_2028SL_32_679L_Nilrem.out



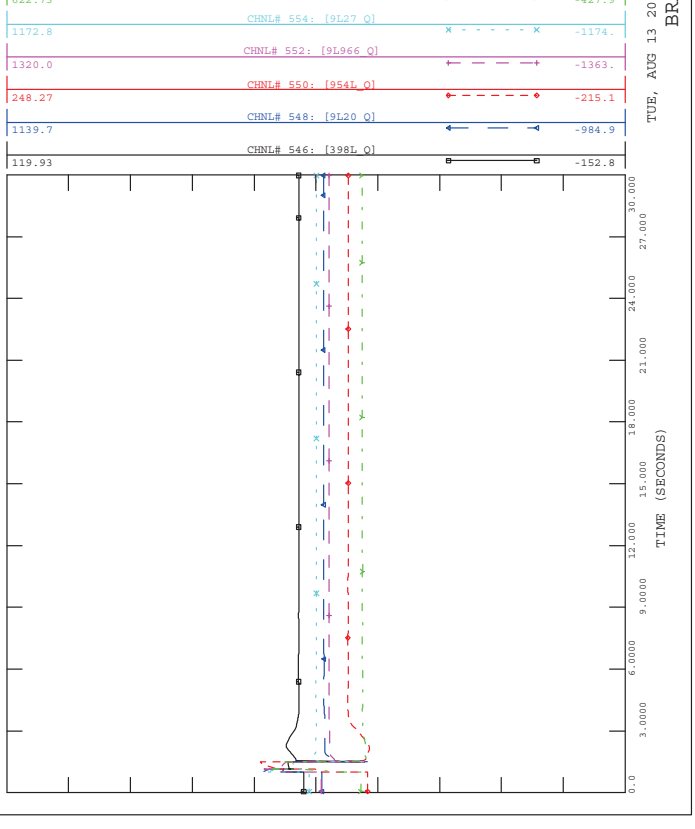
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_32_679L_NILREM

FILE: Scn5_2028SL_32_679L_Nilrem.out



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_32_679L_NILREM

FILE: Scn5_2028SL_32_679L_Nilrem.out



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_32_679L_NILREM

FILE: Scn5_2028SL_32_679L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P]
298.24 -200.4
CHNL# 575: [9L59_P]
62.243 -93.90
CHNL# 573: [953L_P]
520.35 -151.6
CHNL# 569: [1047L_P]
196.11 -700.8
CHNL# 567: [749L_P]
55.622 -53.76

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_33_679L_TUCUMAN

FILE: Scn5_2028SL_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
41.417 -76.03
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
34.815 -82.72
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
52.021 -60.44
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
47.354 -64.22

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_32_679L_NILREM

FILE: Scn5_2028SL_32_679L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 566: [715L Q]
222.49 -250.2
CHNL# 572: [679L Q]
40.000 -76.14
CHNL# 564: [680L Q]
785.47 -346.0
CHNL# 562: [948L Q]
52.507 -357.9
CHNL# 560: [7L224 Q]
4.6922 -137.9
CHNL# 558: [748L Q]
51.775 -59.80

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_32_679L_NILREM

FILE: Scn5_2028SL_32_679L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16 Q]
554.75 -831.2
CHNL# 576: [9L59 Q]
286.15 -127.0
CHNL# 574: [953L Q]
501.83 -630.3
CHNL# 570: [1047L Q]
364.63 -675.7
CHNL# 568: [749L Q]
106.62 -96.99

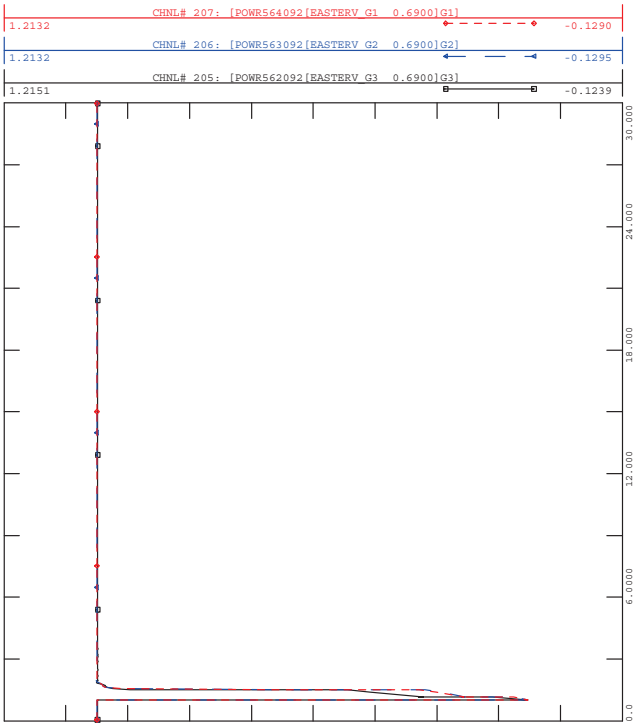
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_33_679L_TUCUMAN

FILE: Scn5_2028SL_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

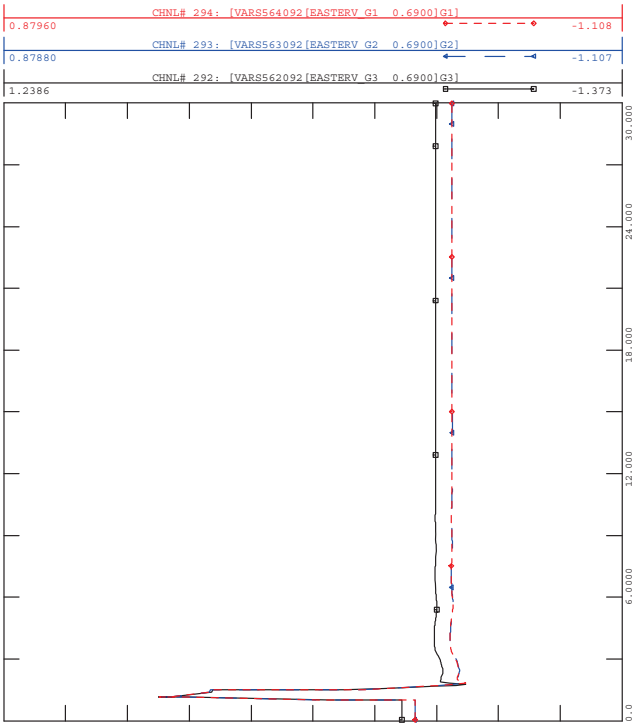


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_33_679L_TUCUMAN

FILE: Scn5_2028SL_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

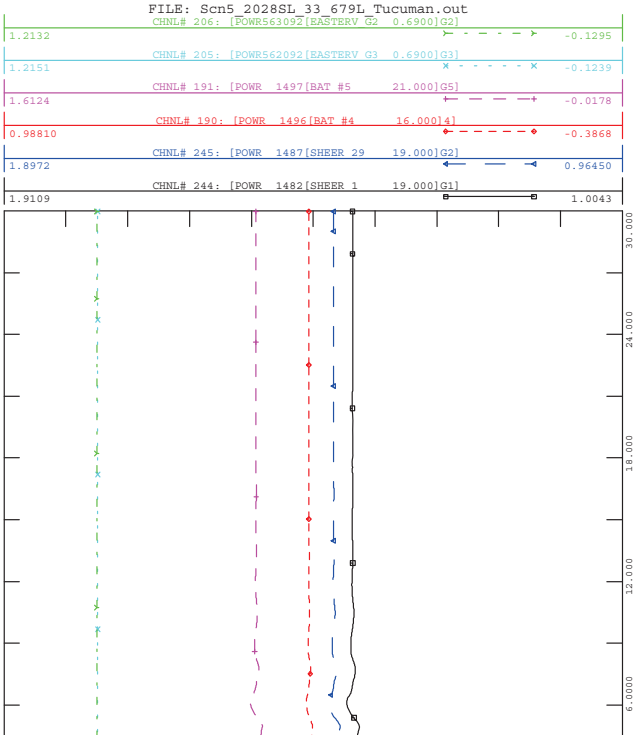


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_33_679L_TUCUMAN

FILE: Scn5_2028SL_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

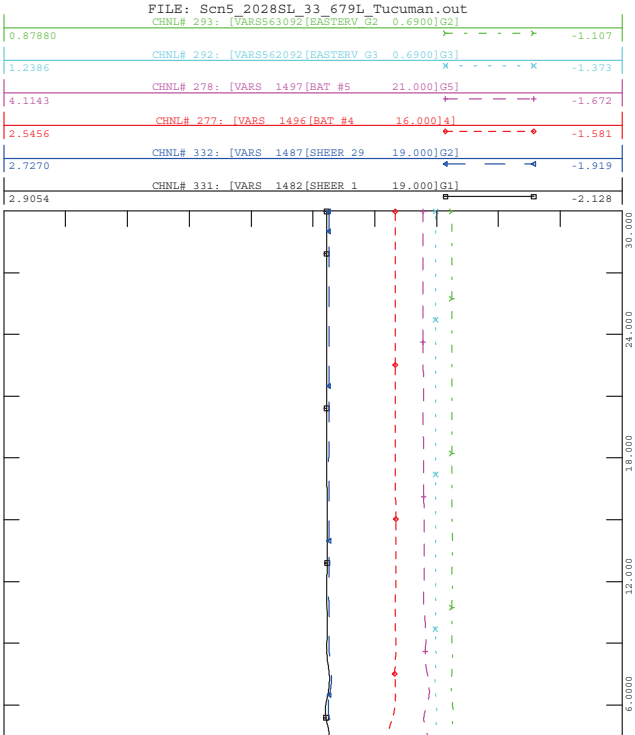


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_33_679L_TUCUMAN

FILE: Scn5_2028SL_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

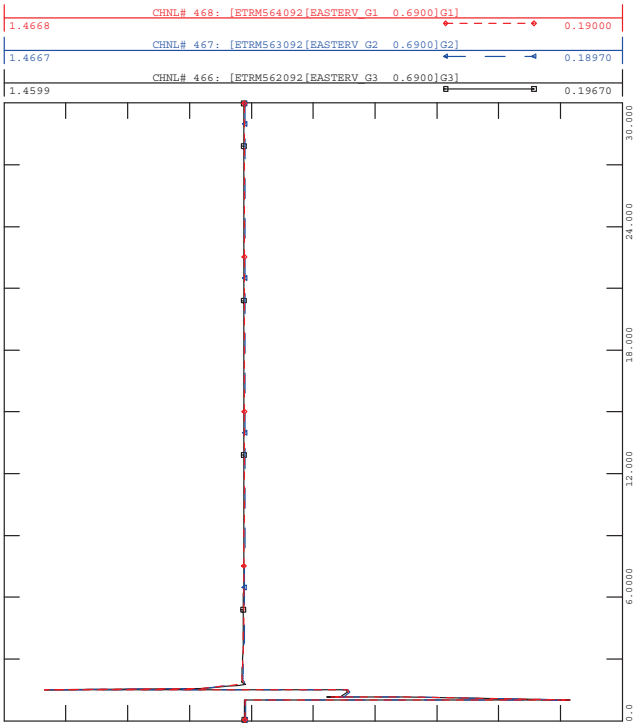


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_33_679L_TUCUMAN

FILE: Scn5_2028SL_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

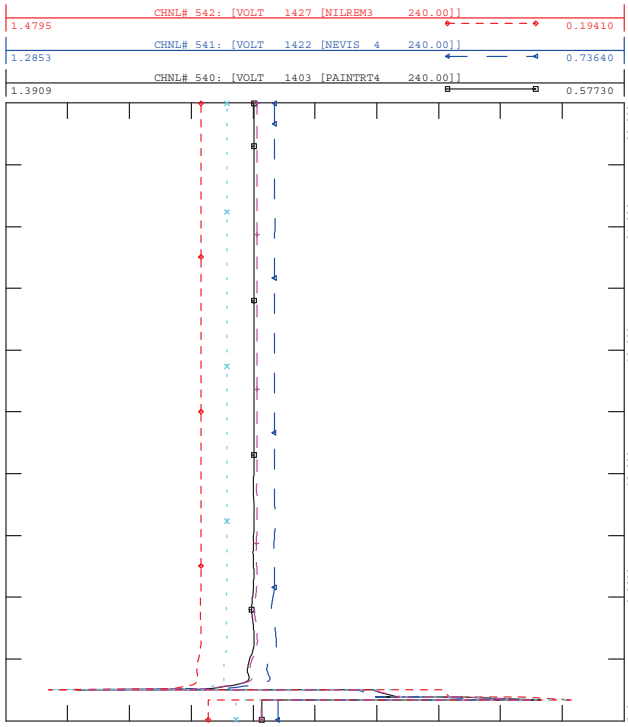


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_33_679L_TUCUMAN

FILE: Scn5_2028SL_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

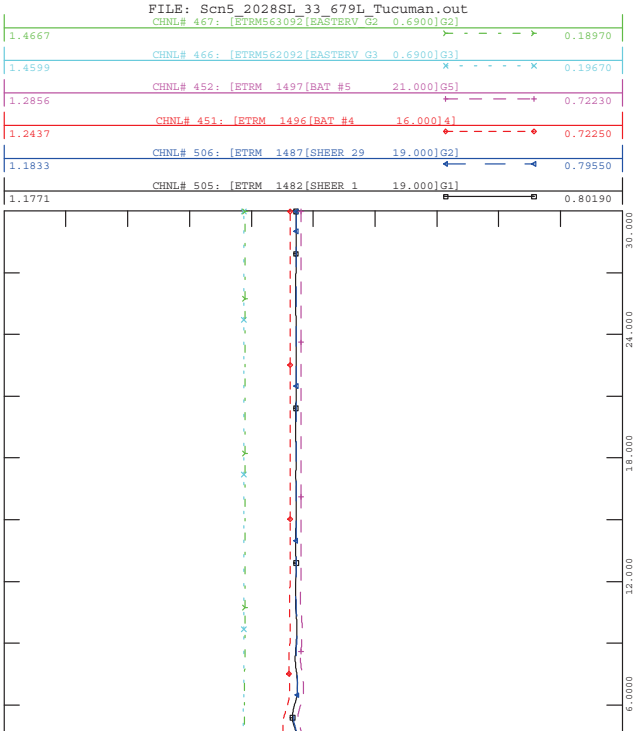


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_33_679L_TUCUMAN

FILE: Scn5_2028SL_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

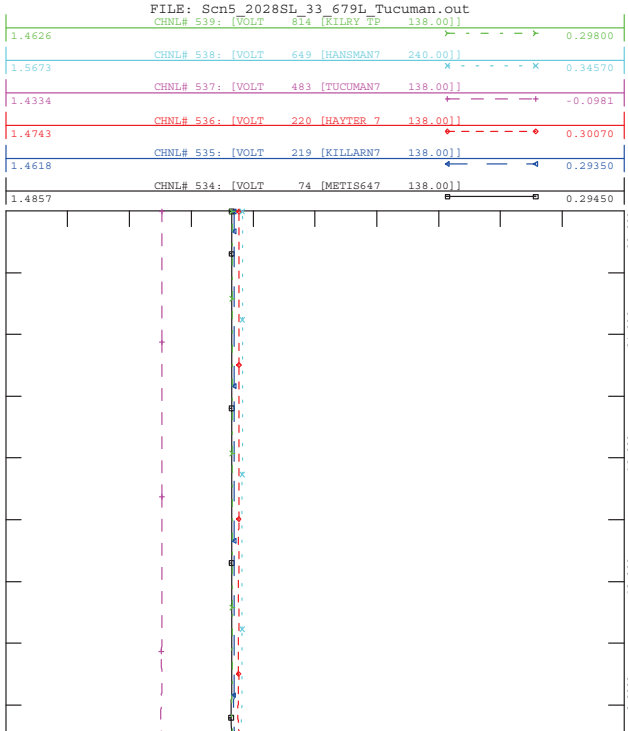


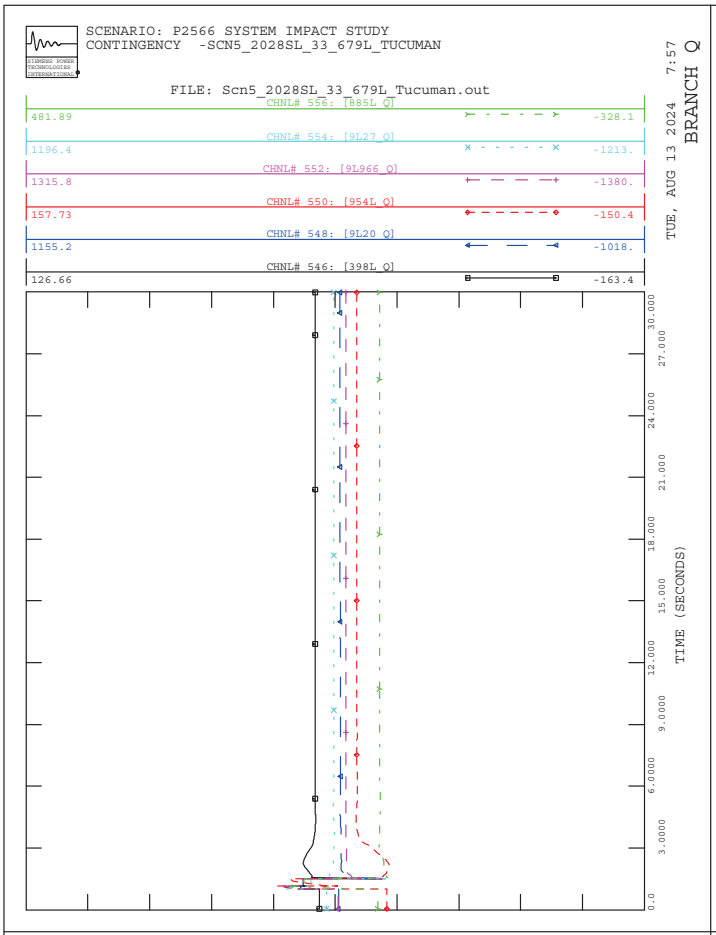
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_33_679L_TUCUMAN

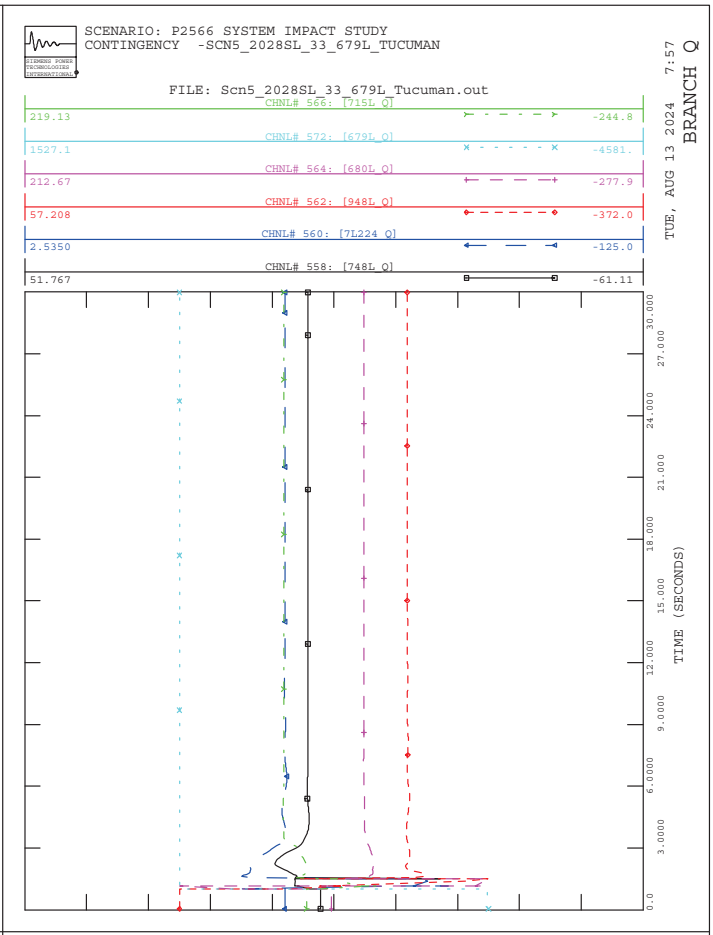
FILE: Scn5_2028SL_33_679L_Tucuman.out

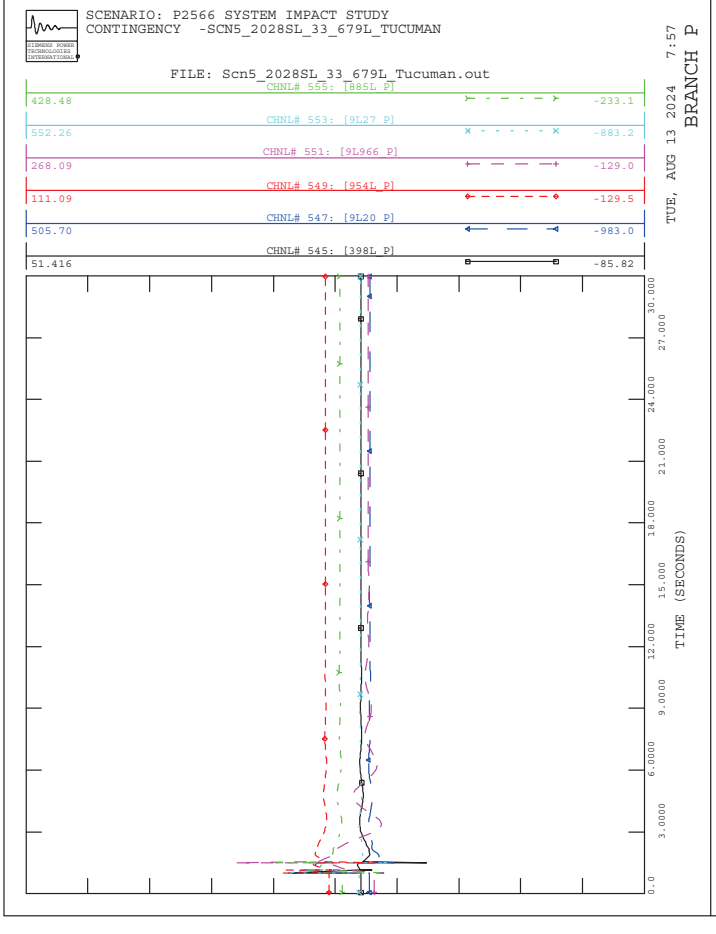
TUE, AUG 13 2024 7:57

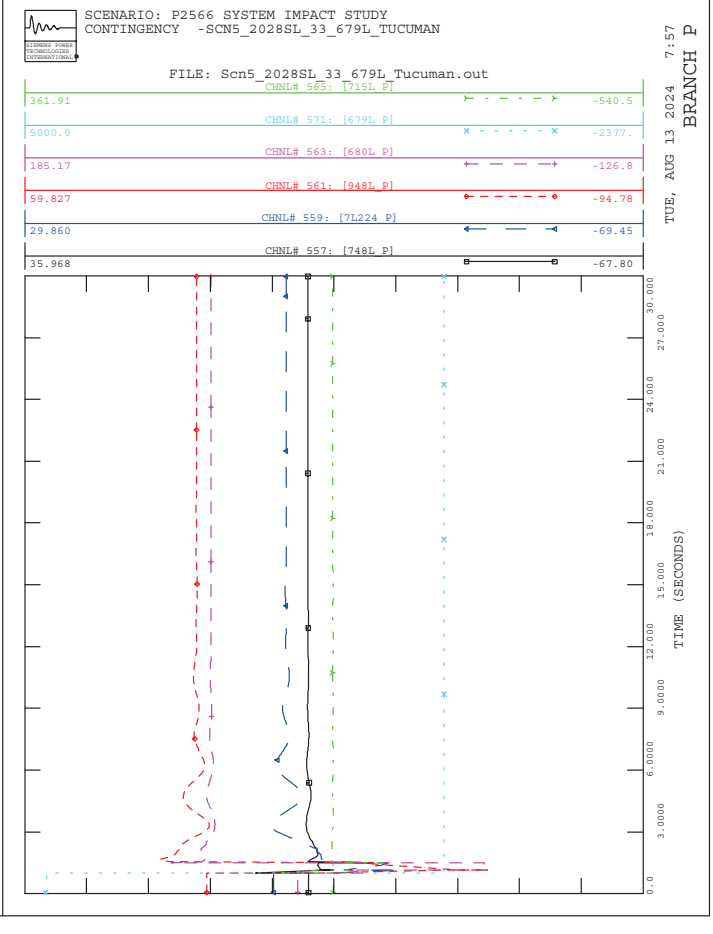
BUS VOLTAGE




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_33_679L_TUCUMAN
FILE: Scn5_2028SL_33_679L_Tucuman.out
CHNL# 556: [885L Q]
481.89
-328.1
CHNL# 554: [9L27 Q]
1196.4
-1213.
CHNL# 552: [9L966 Q]
1315.8
-1380.
CHNL# 550: [954L Q]
157.73
-150.4
CHNL# 548: [9L20 Q]
1155.2
-1018.
CHNL# 546: [398L Q]
126.66
-163.4
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_33_679L_TUCUMAN
FILE: Scn5_2028SL_33_679L_Tucuman.out
CHNL# 566: [715L Q]
219.13
-244.8
CHNL# 572: [679L Q]
1527.1
-4581.
CHNL# 564: [680L Q]
212.67
-277.9
CHNL# 562: [948L Q]
57.208
-372.0
CHNL# 560: [7L224 Q]
2.5350
-125.0
CHNL# 558: [748L Q]
51.767
-61.11
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_33_679L_TUCUMAN
FILE: Scn5_2028SL_33_679L_Tucuman.out
CHNL# 555: [885L P]
428.48
-233.1
CHNL# 553: [9L27 P]
552.26
-883.2
CHNL# 551: [9L966 P]
268.09
-129.0
CHNL# 549: [954L P]
111.09
-129.5
CHNL# 547: [9L20 P]
505.70
-983.0
CHNL# 545: [398L P]
51.416
-85.82
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_33_679L_TUCUMAN
FILE: Scn5_2028SL_33_679L_Tucuman.out
CHNL# 565: [715L P]
361.91
-540.5
CHNL# 571: [679L P]
5000.0
-2377.
CHNL# 563: [680L P]
185.17
-126.8
CHNL# 561: [948L P]
59.827
-94.78
CHNL# 559: [7L224 P]
29.860
-69.45
CHNL# 557: [748L P]
35.968
-67.80
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
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6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

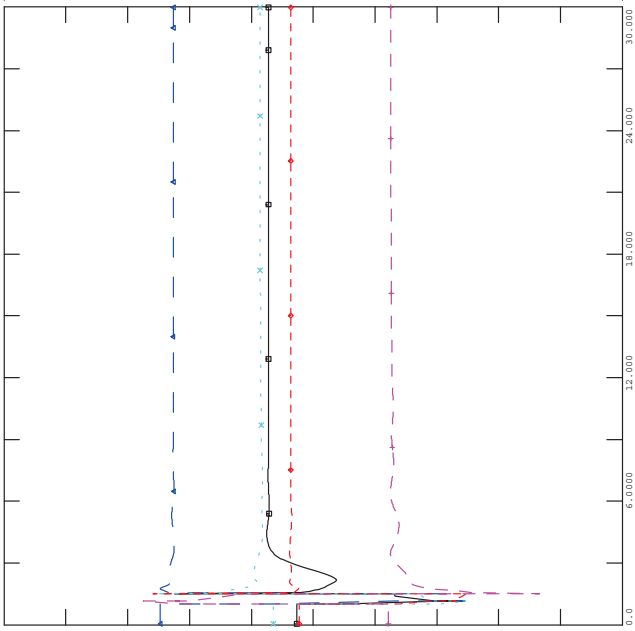
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_33_679L_TUCUMAN

FILE: Scn5_2028SL_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16_Q] 574.81 -819.2
CHNL# 576: [9L59_Q] 275.98 -125.5
CHNL# 574: [953L_Q] 529.73 -669.7
CHNL# 570: [1047L_Q] 360.30 -662.4
CHNL# 568: [749L_Q] 122.16 -105.8



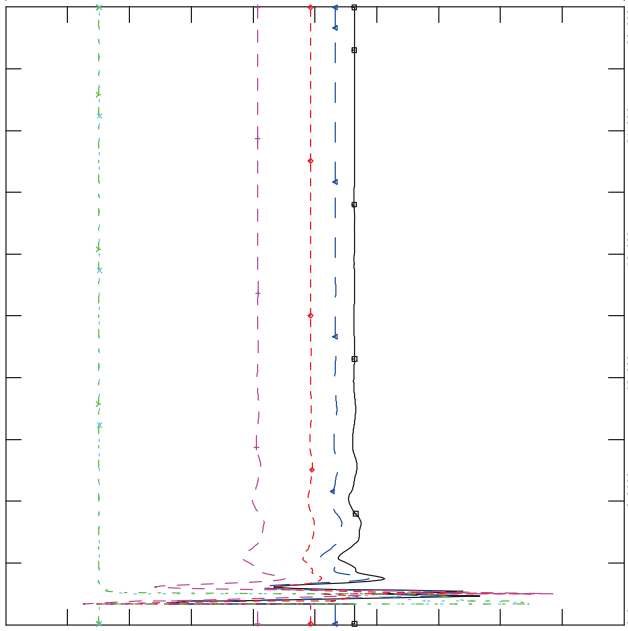
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CONTINGENCY -SCN5_2028SL_34_680L_TUCUMAN

FILE: Scn5_2028SL_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWRS63092[EASTERV_G2 0.6900]G2] 1.2132 -0.1295
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3] 1.2151 -0.1239
CHNL# 191: [POWR 1497[BAT #5 21.000]G5] 1.6124 -0.0178
CHNL# 190: [POWR 1496[BAT #4 16.000]4] 0.98810 -0.3868
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2] 1.8972 0.96450
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1] 1.9109 1.0043



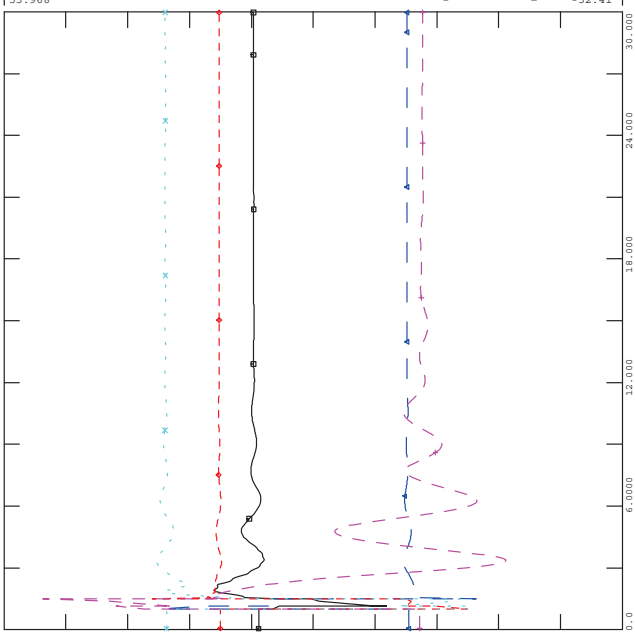
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_33_679L_TUCUMAN

FILE: Scn5_2028SL_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P] 301.35 -205.0
CHNL# 575: [9L59_P] 60.473 -94.73
CHNL# 573: [953L_P] 446.58 -133.3
CHNL# 569: [1047L_P] 147.76 -597.9
CHNL# 567: [749L_P] 55.968 -52.41



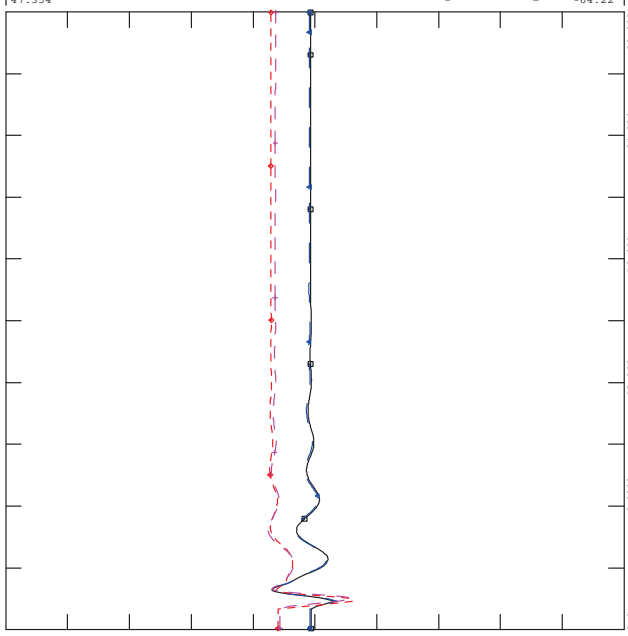
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_34_680L_TUCUMAN

FILE: Scn5_2028SL_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5] 41.417 -76.03
CHNL# 16: [ANGL 1496[BAT #4 16.000]4] 34.815 -82.72
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2] 52.021 -60.44
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1] 47.354 -64.22



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_34_680L_TUCUMAN

FILE: Scn5_2028SL_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV_G2 0.6900]G2]
0.87880 -1.107

CHNL# 292: [VARS562092[EASTERV_G3 0.6900]G3]
1.2386 -1.373

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
4.1143 -1.672

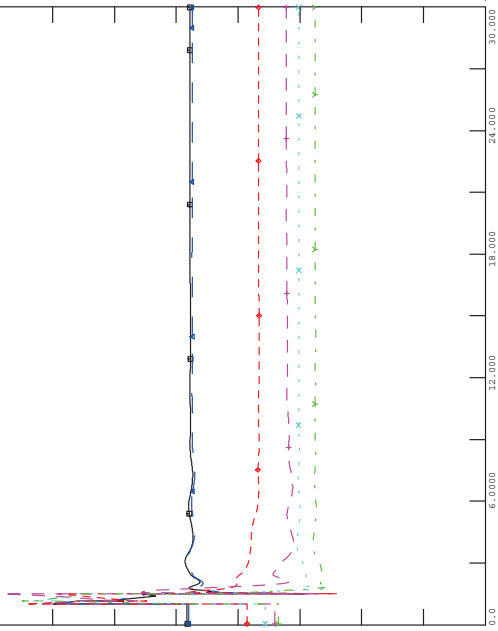
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
2.5456 -1.581

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
2.7270 -1.919

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
2.9054 -2.128

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_34_680L_TUCUMAN

FILE: Scn5_2028SL_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV_G2 0.6900]G2]
1.4667 0.18970

CHNL# 466: [ETRM562092[EASTERV_G3 0.6900]G3]
1.4599 0.19670

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2856 0.72230

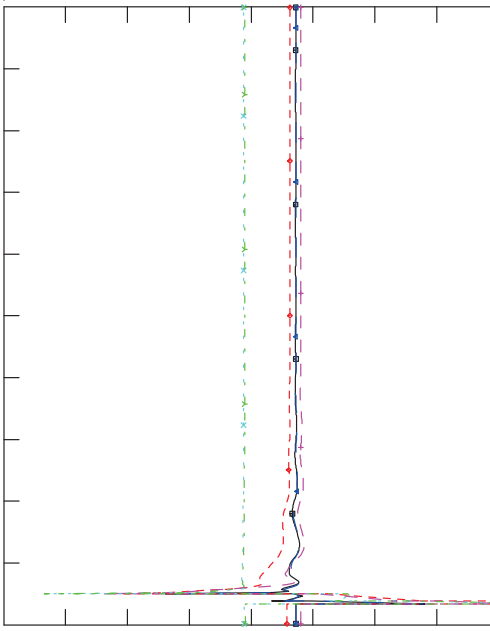
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
1.2437 0.72250

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1833 0.79550

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1771 0.80190

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_34_680L_TUCUMAN

FILE: Scn5_2028SL_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

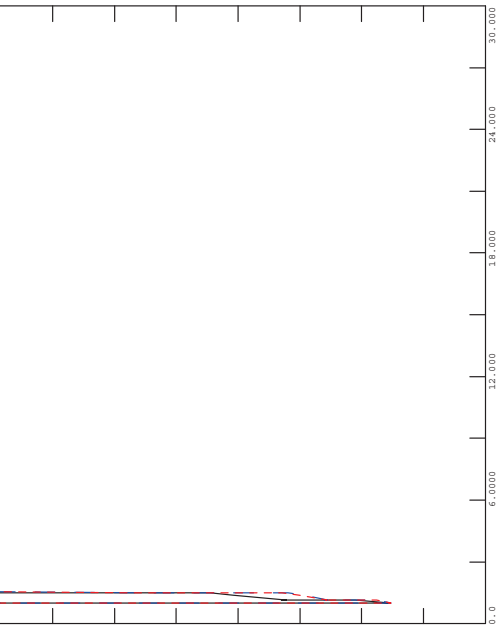
CHNL# 207: [POWR564092[EASTERV_G1 0.6900]G1]
1.2132 -0.1290

CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2]
1.2132 -0.1295

CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3]
1.2151 -0.1239

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_34_680L_TUCUMAN

FILE: Scn5_2028SL_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

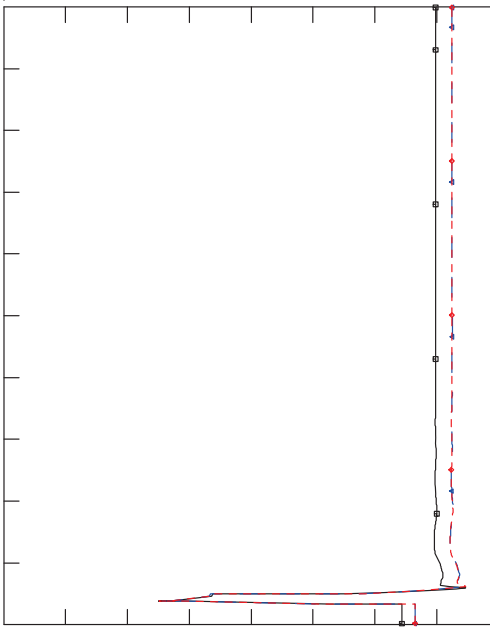
CHNL# 294: [VARS564092[EASTERV_G1 0.6900]G1]
0.87960 -1.108

CHNL# 293: [VARS563092[EASTERV_G2 0.6900]G2]
0.87880 -1.107

CHNL# 292: [VARS562092[EASTERV_G3 0.6900]G3]
1.2386 -1.373

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_34_680L_TUCUMAN

FILE: Scn5_2028SL_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4626 0.29800

CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5673 0.34570

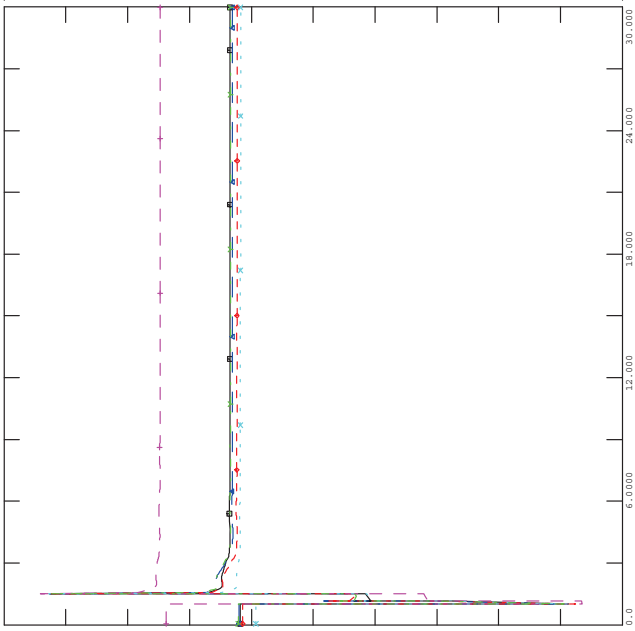
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4334 -0.0981

CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4743 0.30070

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4618 0.29350

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4857 0.29450

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_34_680L_TUCUMAN

FILE: Scn5_2028SL_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [88SL P]
428.48 -233.1

CHNL# 553: [9L27 P]
552.26 -883.2

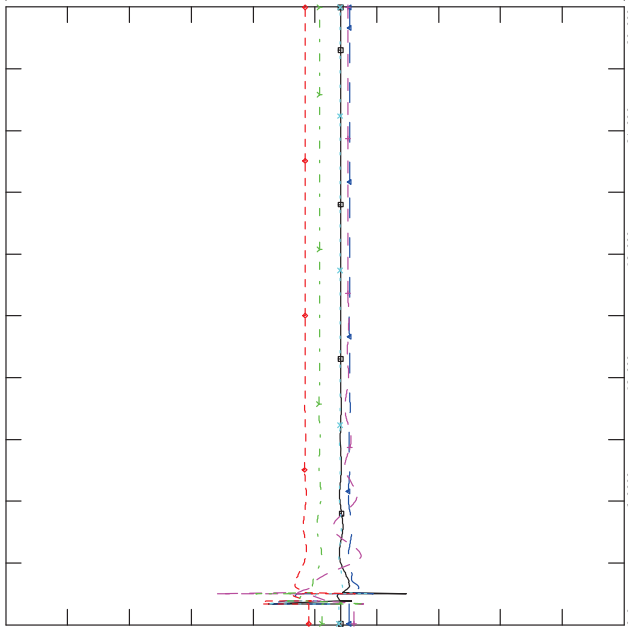
CHNL# 551: [9L966 P]
268.09 -129.0

CHNL# 549: [954L P]
111.09 -129.5

CHNL# 547: [9L20 P]
505.70 -983.0

CHNL# 545: [398L P]
51.416 -85.82

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_34_680L_TUCUMAN

FILE: Scn5_2028SL_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

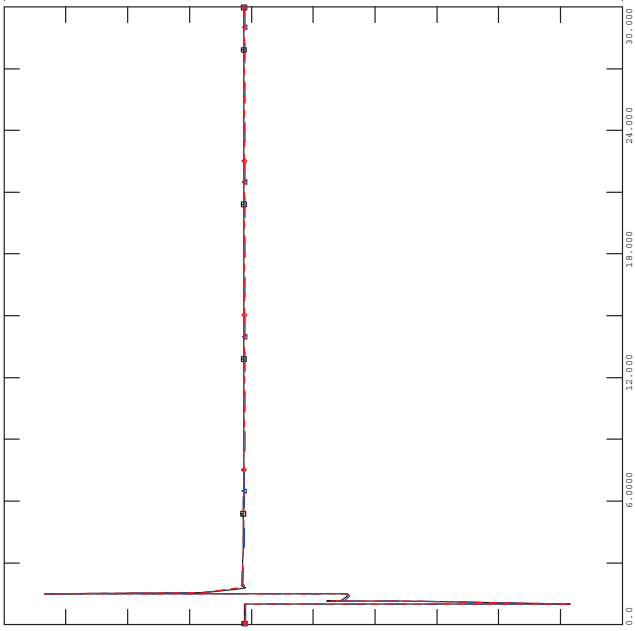
TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.4668 0.19000

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4667 0.18970

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4599 0.19670

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_34_680L_TUCUMAN

FILE: Scn5_2028SL_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.5210 0.25900

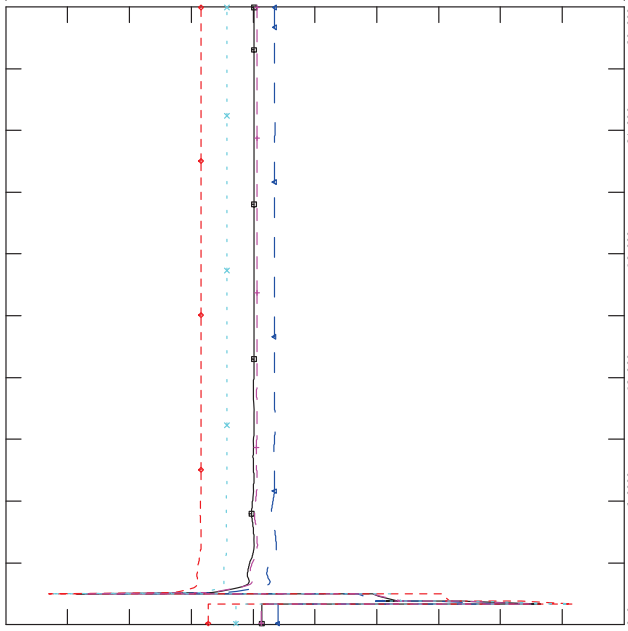
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3522 0.62460

CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4795 0.19410

CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2853 0.73640

CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3909 0.57730

TIME (SECONDS)



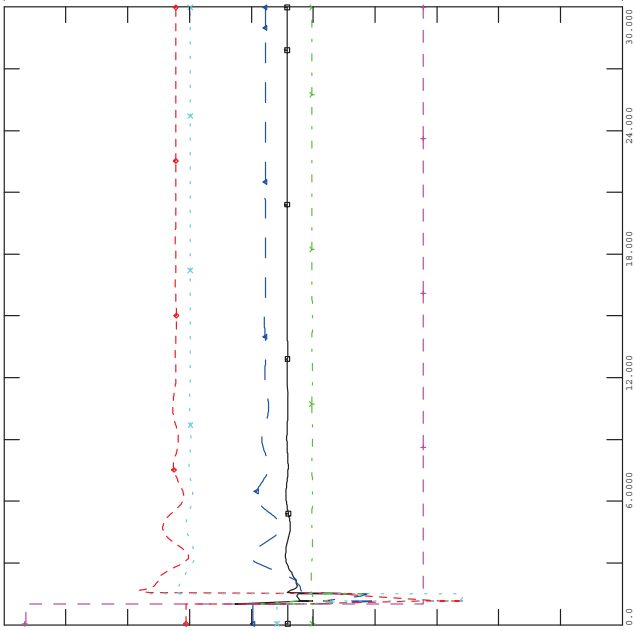
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_34_680L_TUCUMAN

FILE: Scn5_2028SL_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 565: [715L P]
361.91 -540.5
CHNL# 571: [679L P]
185.17 -126.8
CHNL# 563: [680L P]
5000.0 -2377.
CHNL# 561: [948L P]
59.827 -94.78
CHNL# 559: [7L224 P]
29.860 -69.45
CHNL# 557: [748L P]
35.968 -67.80



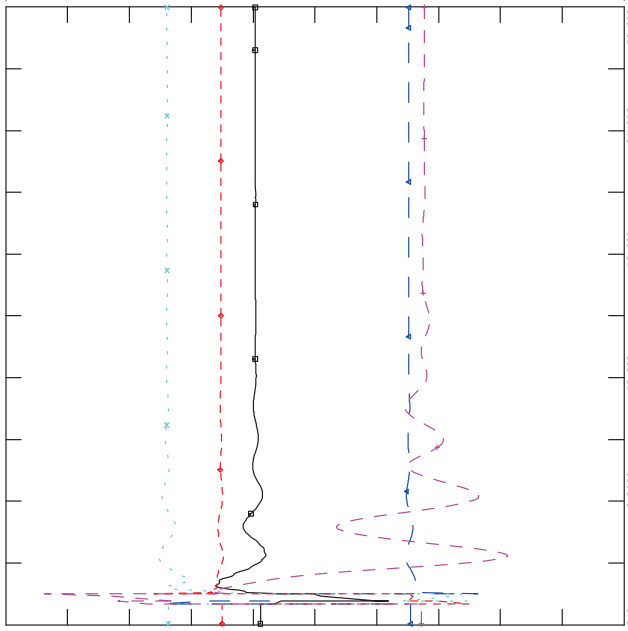
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CONTINGENCY -SCN5_2028SL_34_680L_TUCUMAN

FILE: Scn5_2028SL_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P]
301.35 -205.0
CHNL# 575: [9L59_P]
60.473 -94.73
CHNL# 573: [953L P]
446.58 -133.3
CHNL# 569: [1047L P]
147.76 -597.9
CHNL# 567: [749L P]
55.968 -52.41



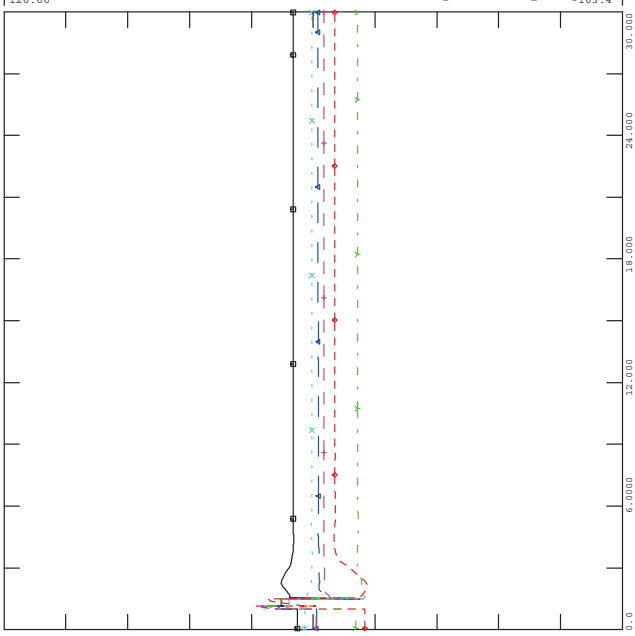
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_34_680L_TUCUMAN

FILE: Scn5_2028SL_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L Q]
481.89 -328.1
CHNL# 554: [9L27 Q]
1196.4 -1213.
CHNL# 552: [9L966 Q]
1315.8 -1380.
CHNL# 550: [954L Q]
157.73 -150.4
CHNL# 548: [9L20 Q]
1155.2 -1018.
CHNL# 546: [398L Q]
126.66 -163.4



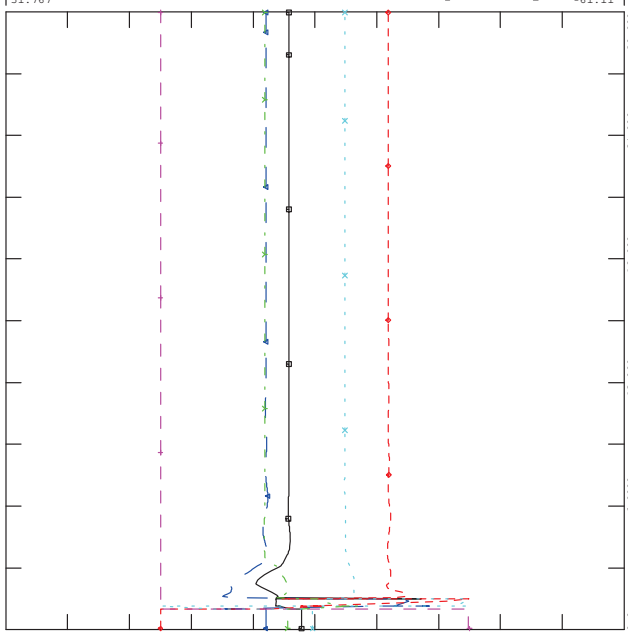
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_34_680L_TUCUMAN

FILE: Scn5_2028SL_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 566: [715L Q]
219.13 -244.8
CHNL# 572: [679L Q]
212.67 -277.9
CHNL# 564: [680L Q]
1527.1 -4581.
CHNL# 562: [948L Q]
57.208 -372.0
CHNL# 560: [7L224 Q]
2.5350 -125.0
CHNL# 558: [748L Q]
51.767 -61.11

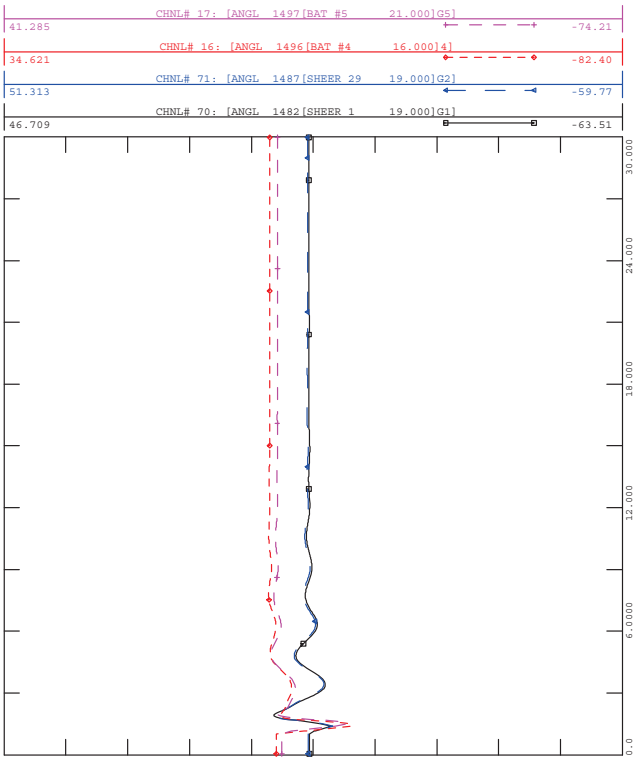


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_35_680L_NILREM

FILE: Scn5_2028SL_35_680L_Nilrem.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

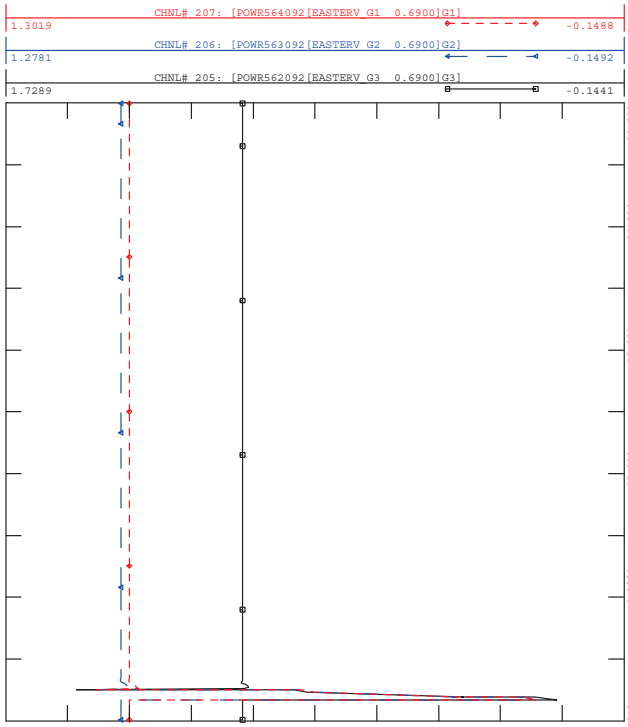


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_35_680L_NILREM

FILE: Scn5_2028SL_35_680L_Nilrem.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

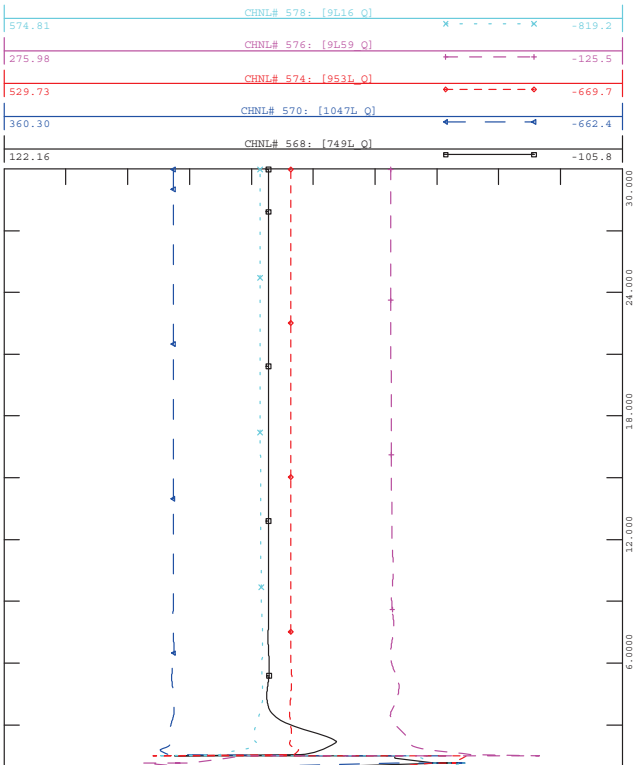


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_34_680L_TUCUMAN

FILE: Scn5_2028SL_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

BRANCH Q

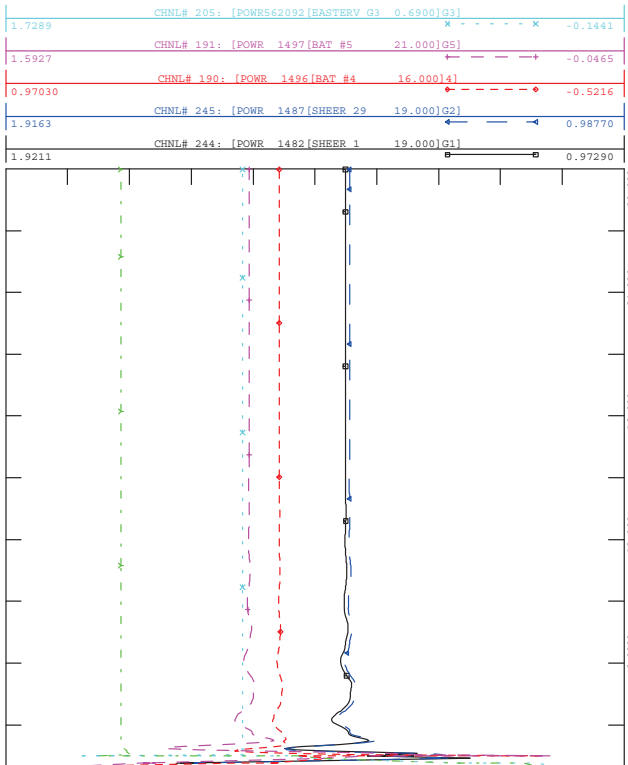


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_35_680L_NILREM

FILE: Scn5_2028SL_35_680L_Nilrem.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

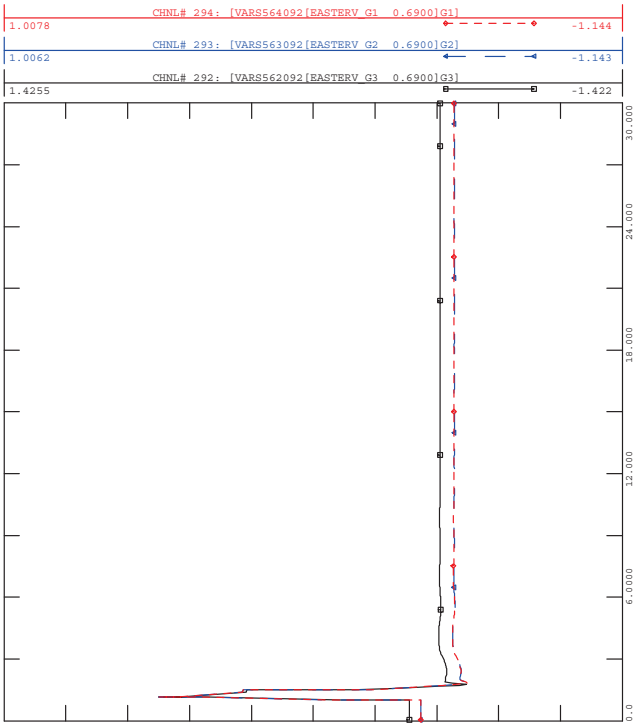


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_35_680L_NILREM

FILE: Scn5_2028SL_35_680L_Nilrem.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

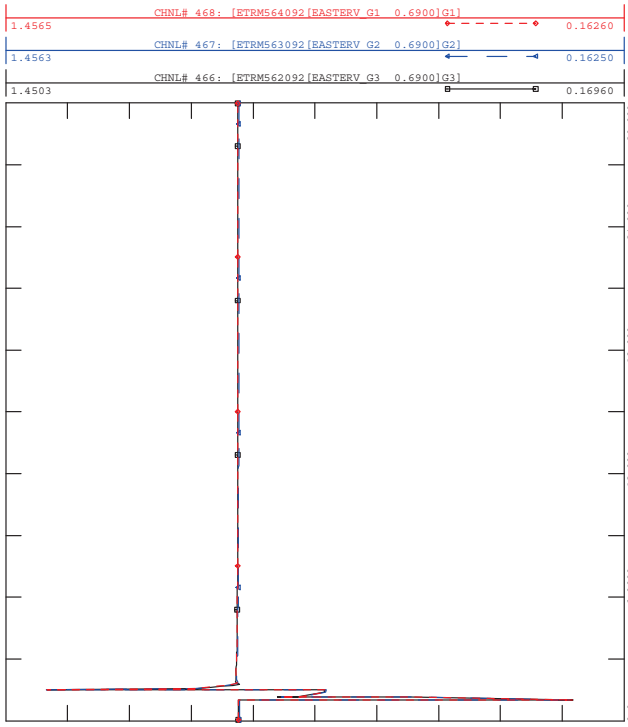


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_35_680L_NILREM

FILE: Scn5_2028SL_35_680L_Nilrem.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

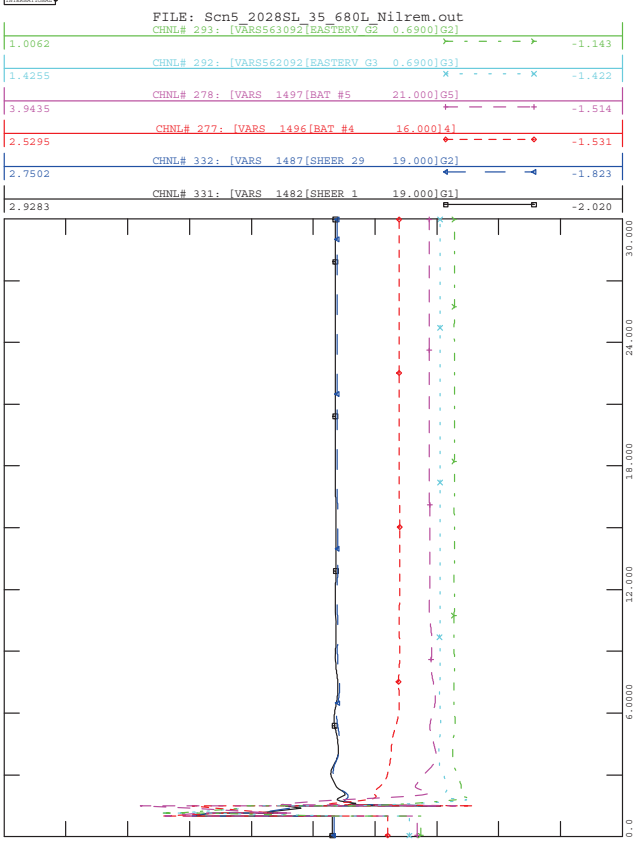


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_35_680L_NILREM

FILE: Scn5_2028SL_35_680L_Nilrem.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

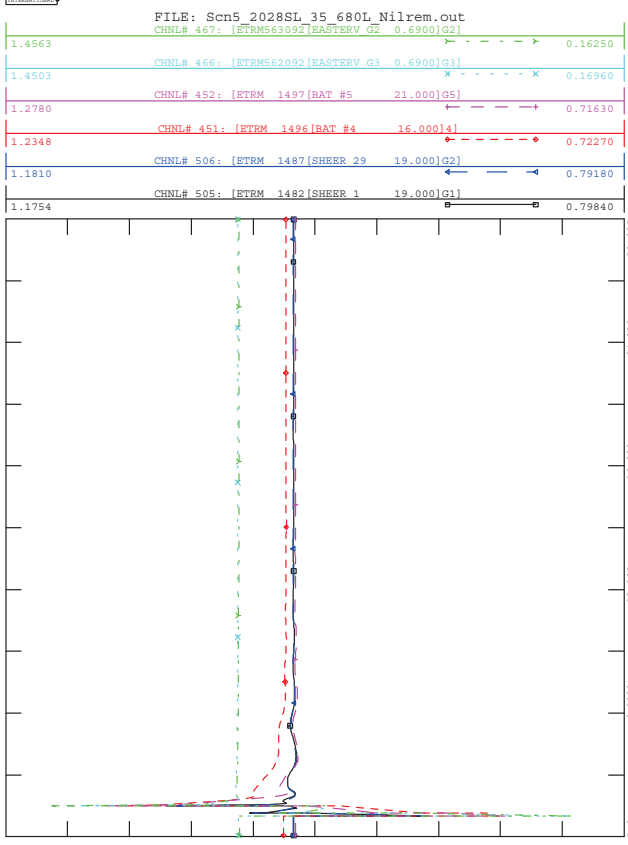


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_35_680L_NILREM

FILE: Scn5_2028SL_35_680L_Nilrem.out

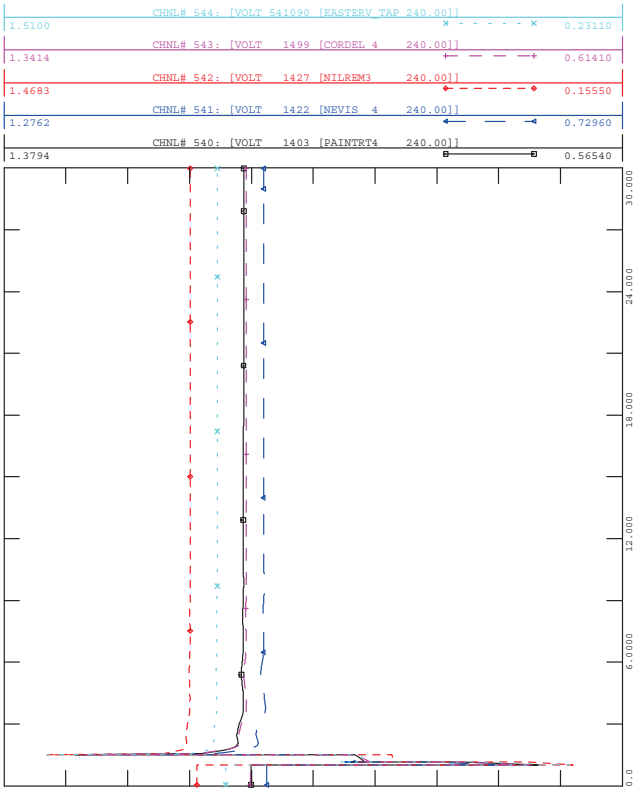
TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE



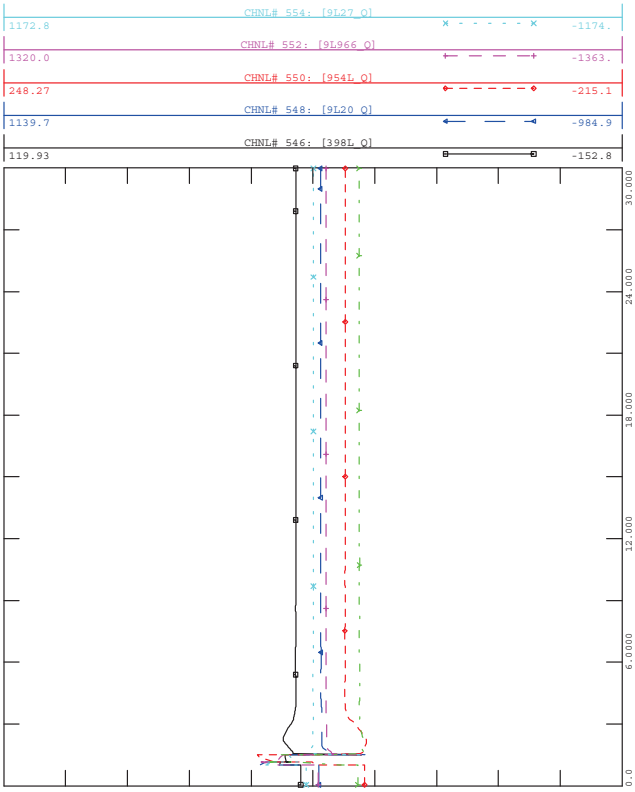
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_35_680L_NILREM

FILE: Scn5_2028SL_35_680L_Nilrem.out



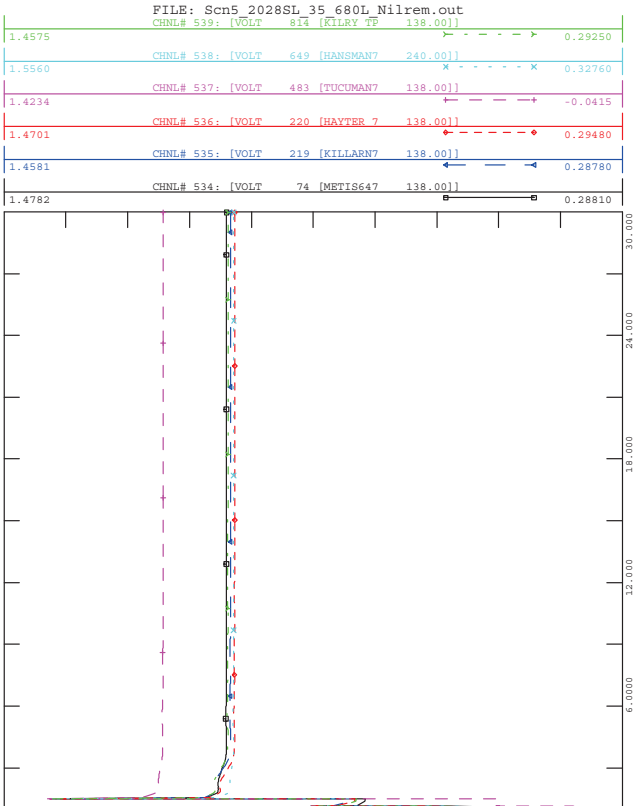
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_35_680L_NILREM

FILE: Scn5_2028SL_35_680L_Nilrem.out



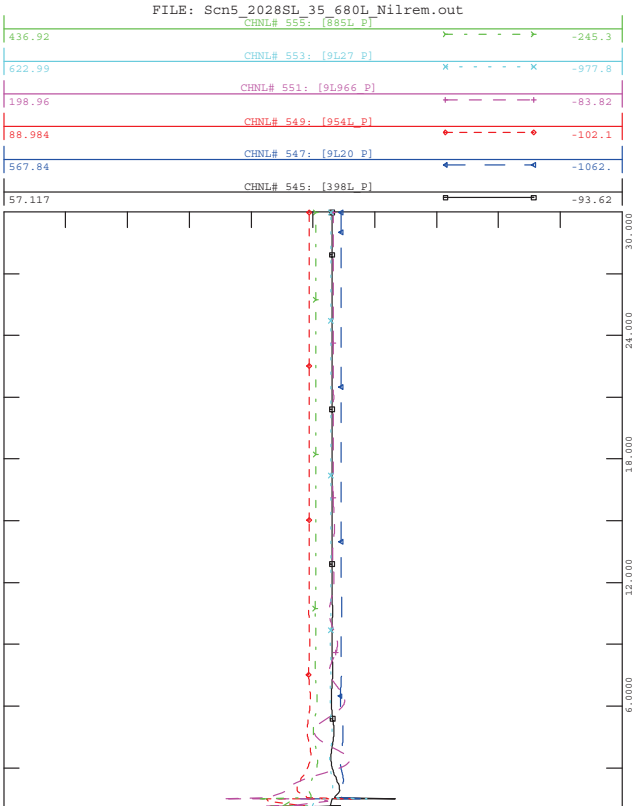
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_35_680L_NILREM

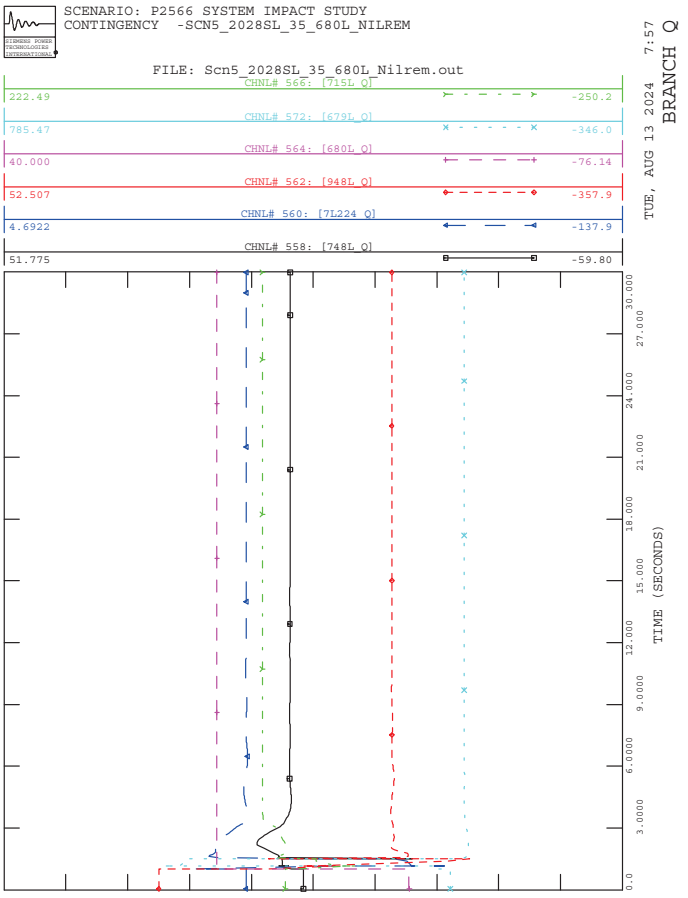
FILE: Scn5_2028SL_35_680L_Nilrem.out

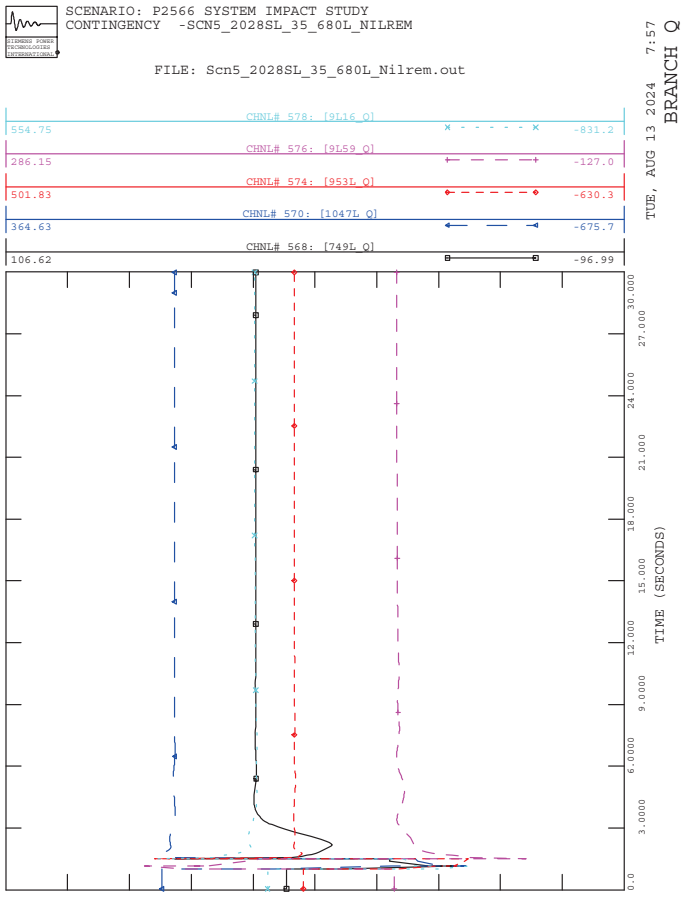


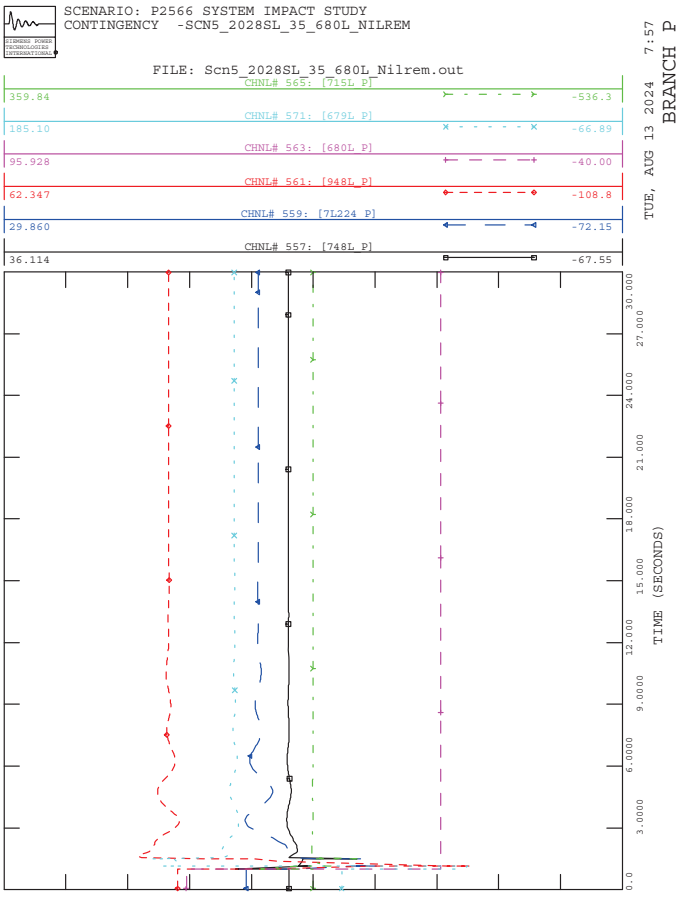
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_35_680L_NILREM

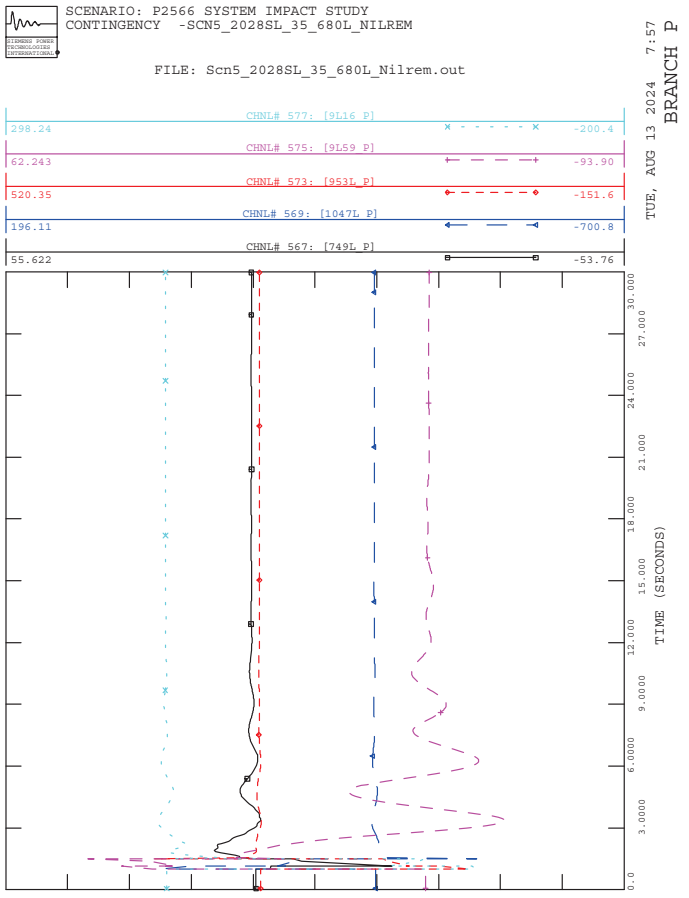
FILE: Scn5_2028SL_35_680L_Nilrem.out




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_35_680L_NILREM
FILE: Scn5_2028SL_35_680L_Nilrem.out
CHNL# 566: [715L Q]
222.49
-250.2
CHNL# 572: [679L Q]
785.47
-346.0
CHNL# 564: [680L Q]
40.000
-76.14
CHNL# 562: [948L Q]
52.507
-357.9
CHNL# 560: [7L224 Q]
4.6922
-137.9
CHNL# 558: [748L Q]
51.775
-59.80
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_35_680L_NILREM
FILE: Scn5_2028SL_35_680L_Nilrem.out
CHNL# 578: [9L16 Q]
554.75
-831.2
CHNL# 576: [9L59 Q]
286.15
-127.0
CHNL# 574: [953L Q]
501.83
-630.3
CHNL# 570: [1047L Q]
364.63
-675.7
CHNL# 568: [749L Q]
106.62
-96.99
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_35_680L_NILREM
FILE: Scn5_2028SL_35_680L_Nilrem.out
CHNL# 565: [715L P]
359.84
-536.3
CHNL# 571: [679L P]
185.10
-66.89
CHNL# 563: [680L P]
95.928
-40.00
CHNL# 561: [948L P]
62.347
-108.8
CHNL# 559: [7L224 P]
29.860
-72.15
CHNL# 557: [748L P]
36.114
-67.55
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_35_680L_NILREM
FILE: Scn5_2028SL_35_680L_Nilrem.out
CHNL# 577: [9L16 P]
298.24
-200.4
CHNL# 575: [9L59 P]
62.243
-93.90
CHNL# 573: [953L P]
520.35
-151.6
CHNL# 569: [1047L P]
196.11
-700.8
CHNL# 567: [749L P]
55.622
-53.76
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_36_9L62_GAETZ

FILE: Scn5_2028SL_36_9L62_Gaetz.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2624 -0.0053

CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.4280 0.00250

CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.9006 -0.6600

CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.75170 -0.4067

CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
1.8248 0.46190

CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
1.8264 0.38350

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_36_9L62_GAETZ

FILE: Scn5_2028SL_36_9L62_Gaetz.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.60080 -0.9725

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
0.74910 -0.9768

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
6.1036 -4.025

CHNL# 277: [VARS 1496[BAT #4 16.000]4]
3.3386 -2.423

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
4.3510 -1.674

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
4.7400 -2.042

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_36_9L62_GAETZ

FILE: Scn5_2028SL_36_9L62_Gaetz.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
62.967 -60.64

CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
52.768 -66.95

CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
59.811 -53.35

CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
55.777 -57.74

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_36_9L62_GAETZ

FILE: Scn5_2028SL_36_9L62_Gaetz.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2623 -0.0045

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2624 -0.0053

CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.4280 0.00250

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_36_9L62_GAETZ

FILE: Scn5_2028SL_36_9L62_Gaetz.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4156 0.31380
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4138 0.32000
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1849 0.58130
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
1.1376 0.66420
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1634 0.65940
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1558 0.67450

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_36_9L62_GAETZ

FILE: Scn5_2028SL_36_9L62_Gaetz.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.3959 0.39140
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4758 0.40720
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3657 0.39450
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4065 0.39550
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.3985 0.38760
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4121 0.39700

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_36_9L62_GAETZ

FILE: Scn5_2028SL_36_9L62_Gaetz.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
0.60110 -0.9723
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.60080 -0.9725
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
0.74910 -0.9768

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_36_9L62_GAETZ

FILE: Scn5_2028SL_36_9L62_Gaetz.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.4153 0.31430
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4156 0.31380
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4138 0.32000

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_36_9L62_GAETZ

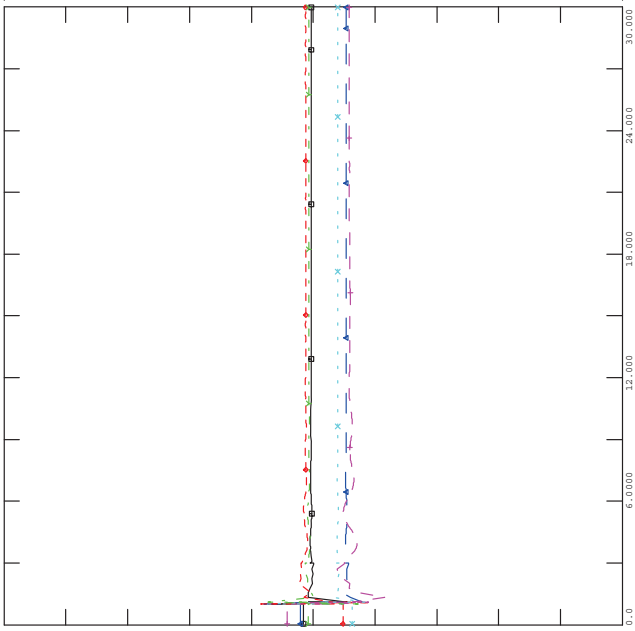
FILE: Scn5_2028SL_36_9L62_Gaetz.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
385.89 -215.9
CHNL# 553: [9L27 P]
426.71 -724.1
CHNL# 551: [9L966 P]
204.95 -145.4
CHNL# 549: [954L P]
59.577 -61.61
CHNL# 547: [9L20 P]
1392.2 -2182.
CHNL# 545: [398L P]
63.332 -114.8

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_36_9L62_GAETZ

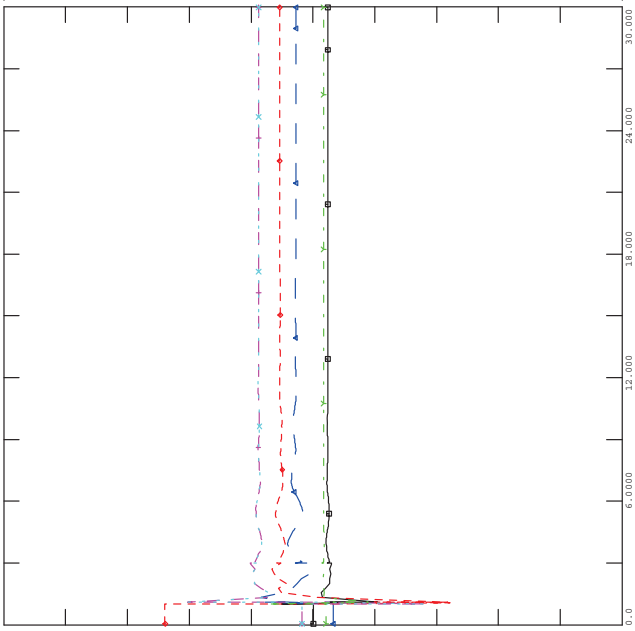
FILE: Scn5_2028SL_36_9L62_Gaetz.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 565: [715L P]
251.90 -400.7
CHNL# 571: [679L P]
112.15 -22.09
CHNL# 563: [680L P]
112.15 -22.09
CHNL# 561: [948L P]
54.394 -99.31
CHNL# 559: [7L224 P]
39.420 -53.53
CHNL# 557: [748L P]
34.290 -57.57

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_36_9L62_GAETZ

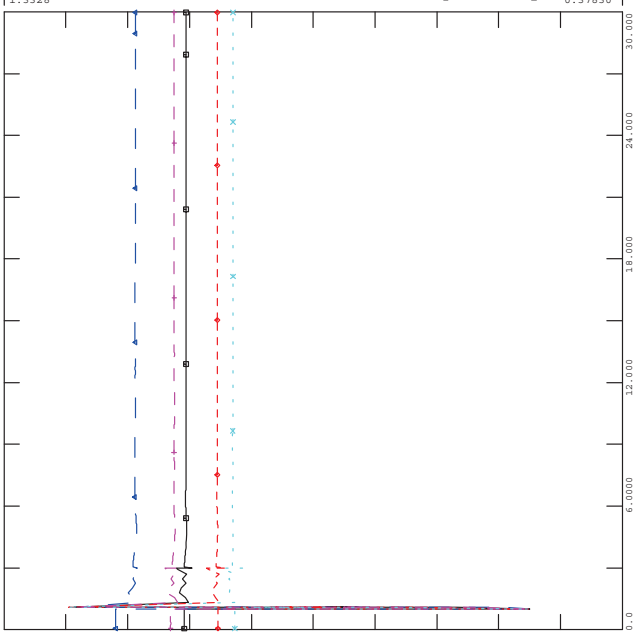
FILE: Scn5_2028SL_36_9L62_Gaetz.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.4461 0.38640
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3014 0.37360
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4103 0.39370
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2026 0.32160
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3328 0.37830

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_36_9L62_GAETZ

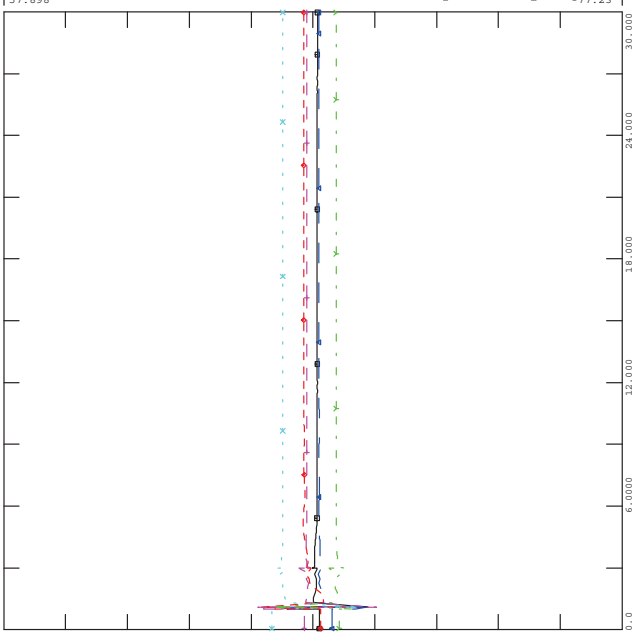
FILE: Scn5_2028SL_36_9L62_Gaetz.out

TUE, AUG 13 2024 7:57

BRANCH Q

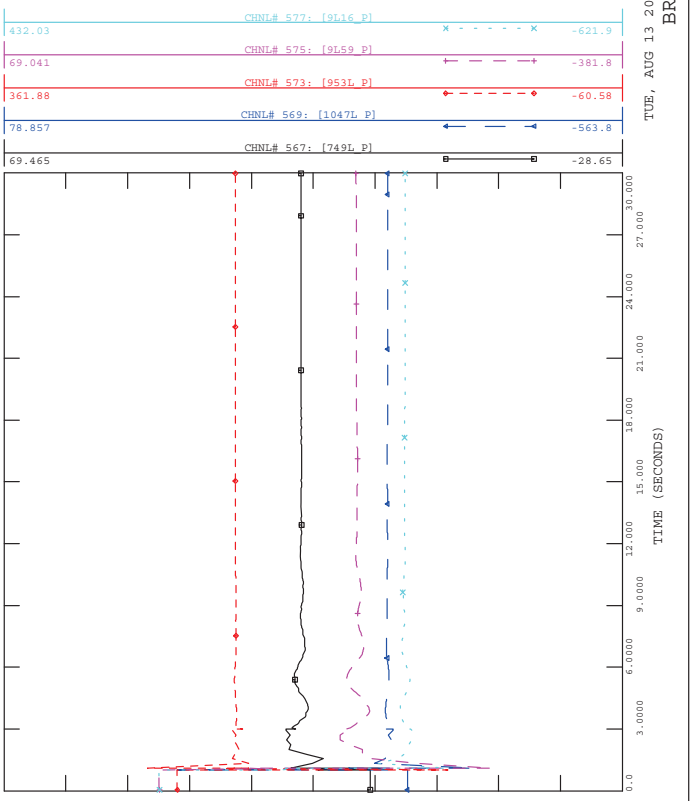
CHNL# 556: [885L Q]
212.19 -139.6
CHNL# 554: [9L27 Q]
580.07 -699.4
CHNL# 552: [9L966 Q]
549.12 -673.7
CHNL# 550: [954L Q]
51.411 -92.03
CHNL# 548: [9L20 Q]
1356.4 -1091.
CHNL# 546: [398L Q]
57.898 -77.23

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_36_9L62_GAETZ

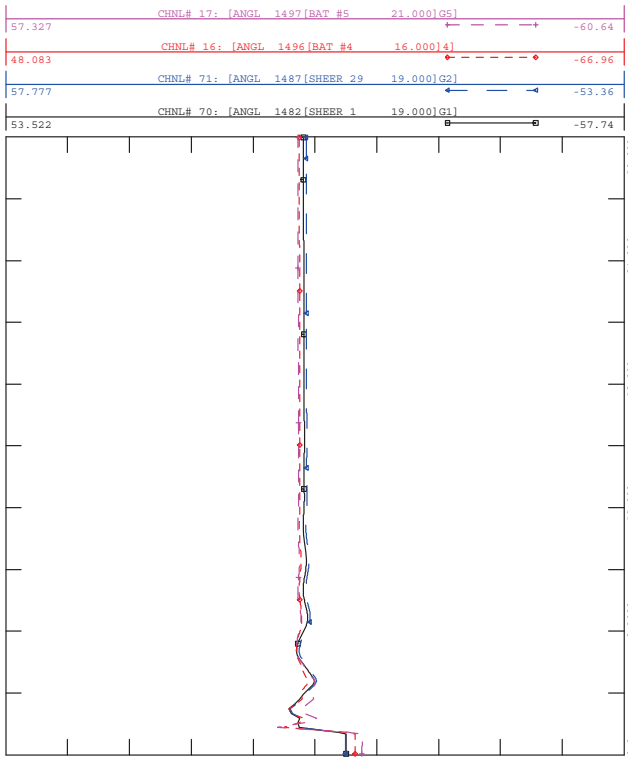
FILE: Scn5_2028SL_36_9L62_Gaetz.out



TUE, AUG 13 2024 7:57
BRANCH P

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_37_9L62_TINCHEBRAY

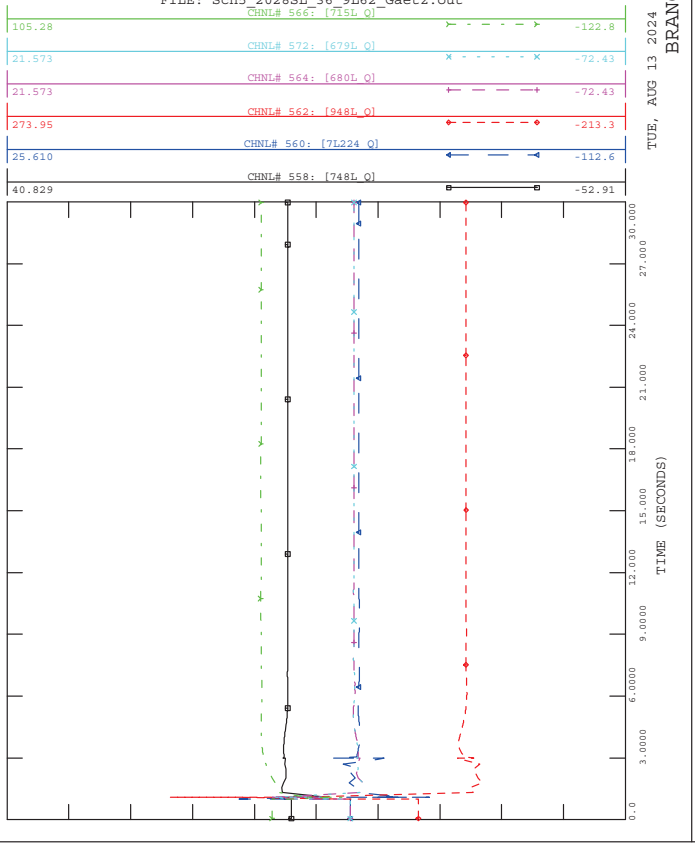
FILE: Scn5_2028SL_37_9L62_Tinchebray.out



TUE, AUG 13 2024 7:57
ROTOR ANGLE

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_36_9L62_GAETZ

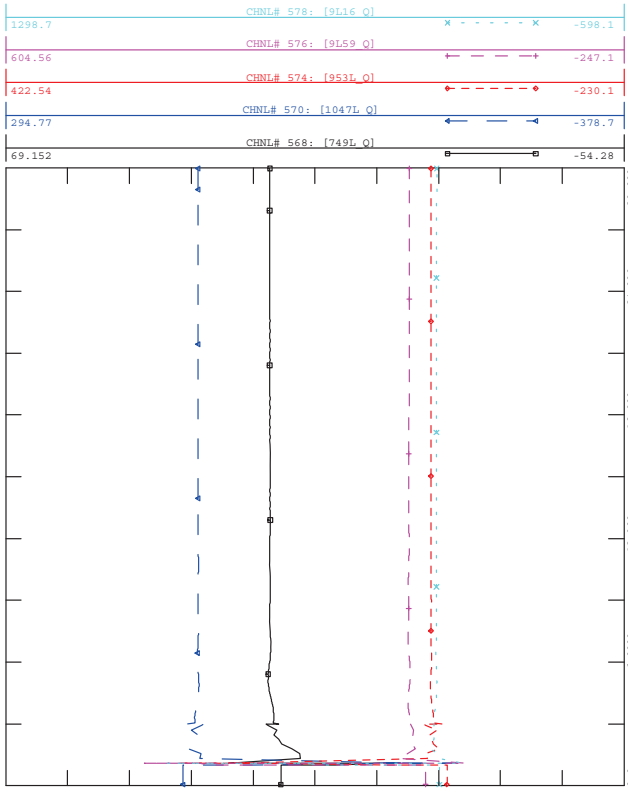
FILE: Scn5_2028SL_36_9L62_Gaetz.out



TUE, AUG 13 2024 7:57
BRANCH Q

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_36_9L62_GAETZ

FILE: Scn5_2028SL_36_9L62_Gaetz.out



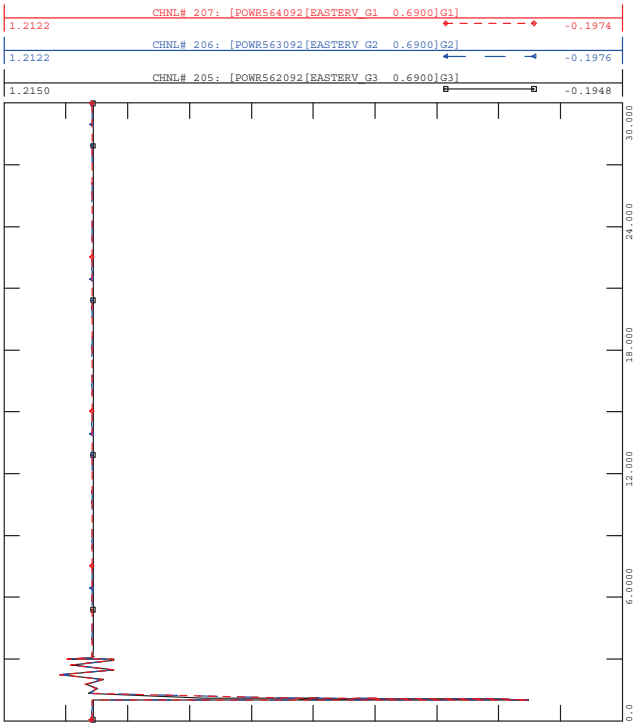
TUE, AUG 13 2024 7:57
BRANCH Q

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_37_9L62_TINCHEBRAY

FILE: Scn5_2028SL_37_9L62_Tinchebray.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

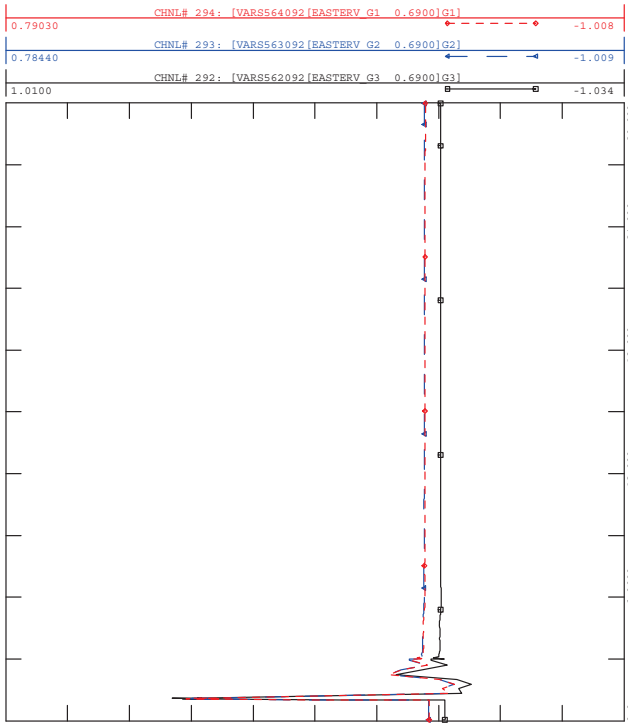


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_37_9L62_TINCHEBRAY

FILE: Scn5_2028SL_37_9L62_Tinchebray.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

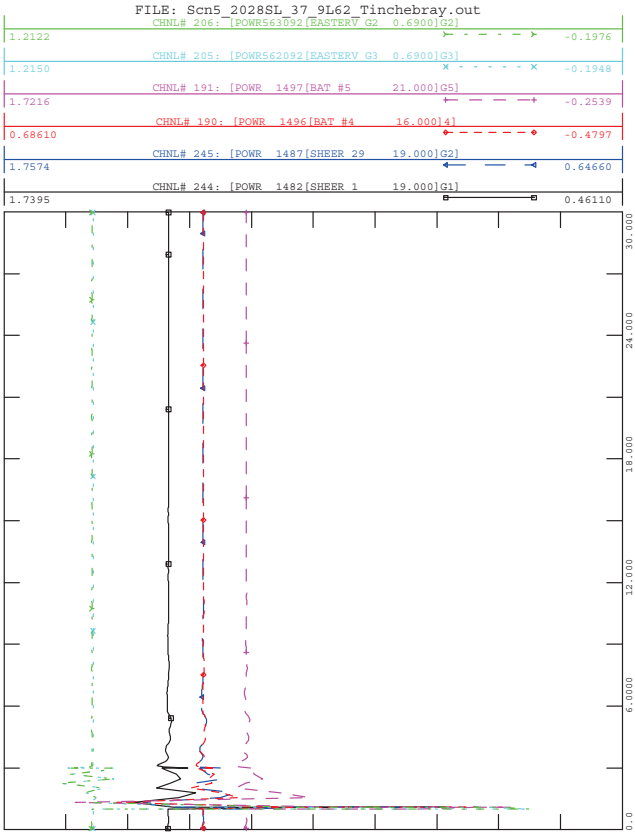


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_37_9L62_TINCHEBRAY

FILE: Scn5_2028SL_37_9L62_Tinchebray.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

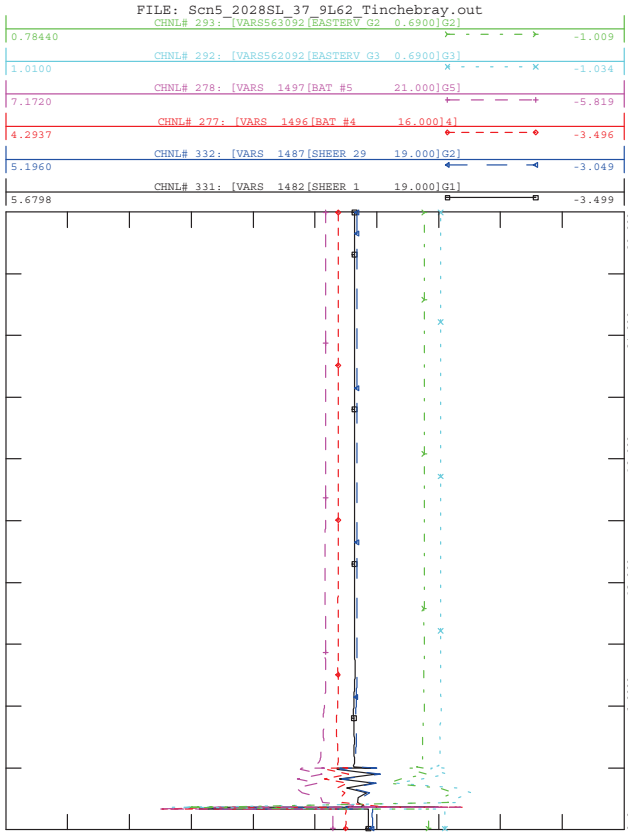


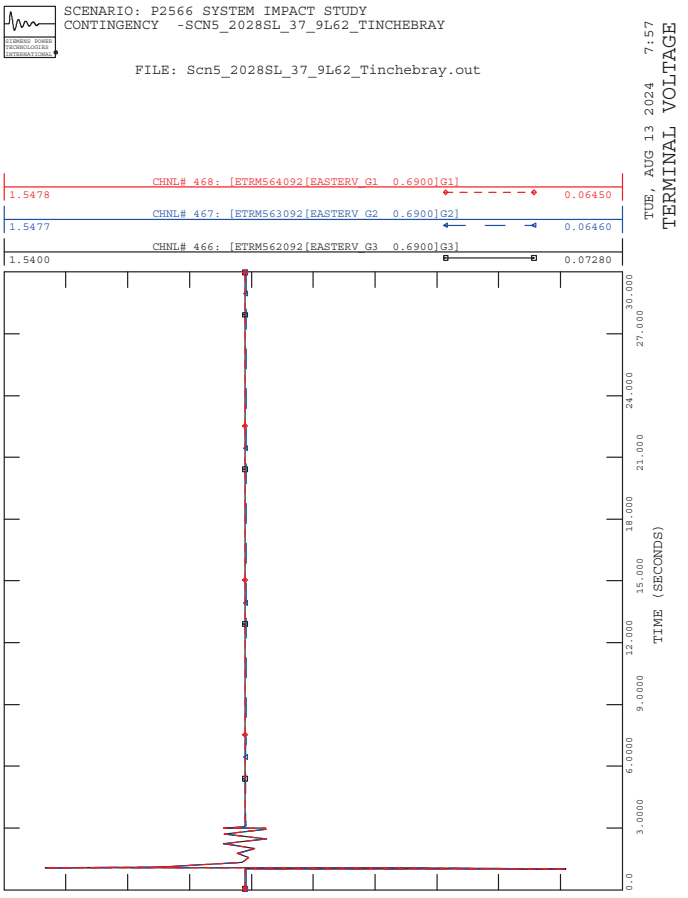
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_37_9L62_TINCHEBRAY

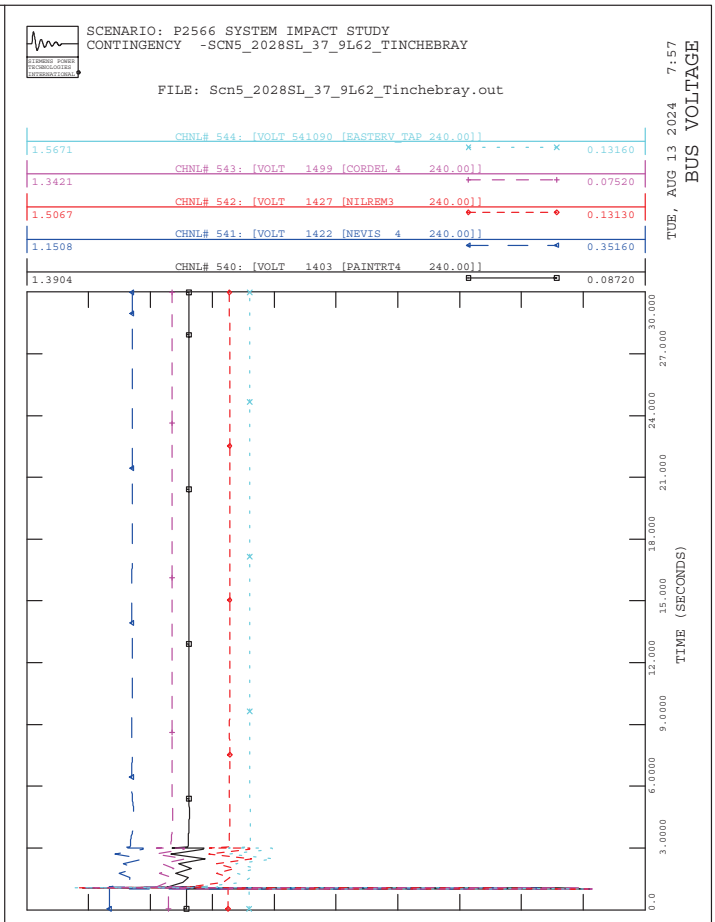
FILE: Scn5_2028SL_37_9L62_Tinchebray.out

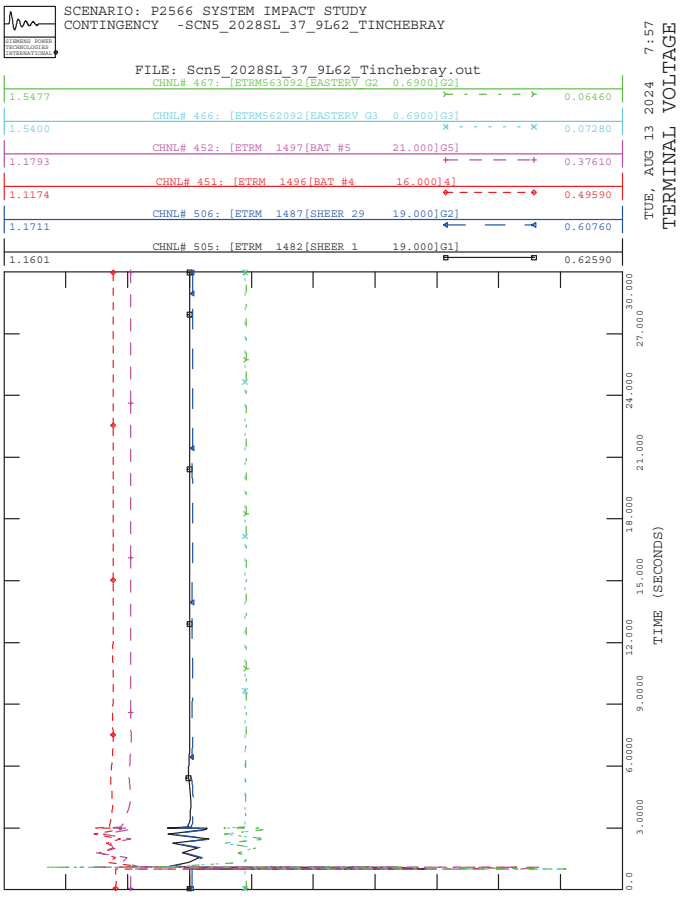
TUE, AUG 13 2024 7:57

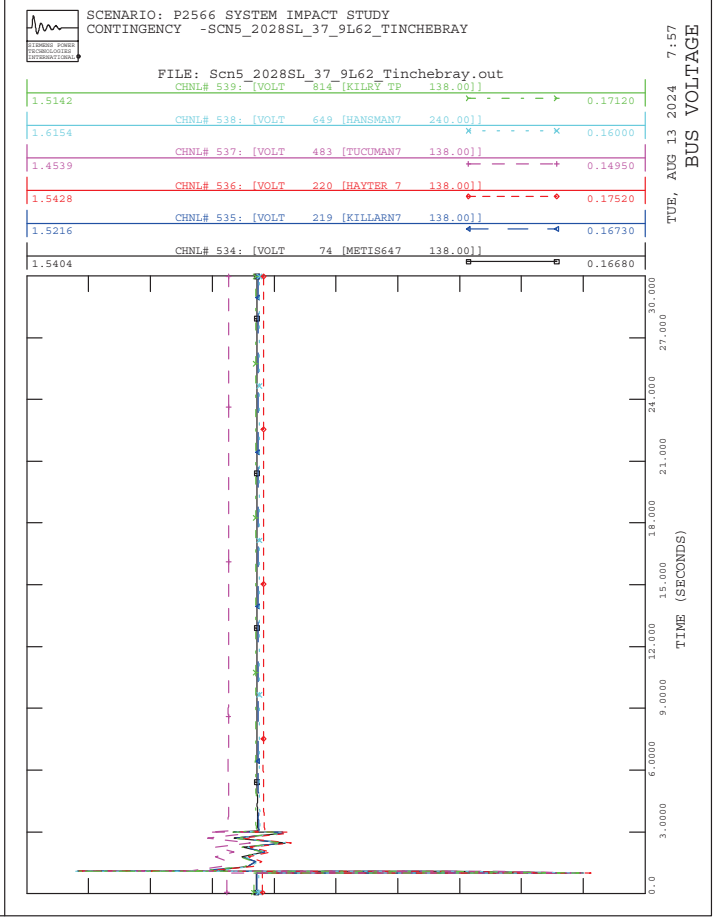
REACTIVE POWER




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_37_9L62_TINCHEBRAY
FILE: Scn5_2028SL_37_9L62_Tinchebray.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.5478
0.06450
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5477
0.06460
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5400
0.07280
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_37_9L62_TINCHEBRAY
FILE: Scn5_2028SL_37_9L62_Tinchebray.out
TUE, AUG 13 2024 7:57
BUS VOLTAGE
CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.5671
0.13160
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3421
0.07520
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.5067
0.13130
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.1508
0.35160
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3904
0.08720
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

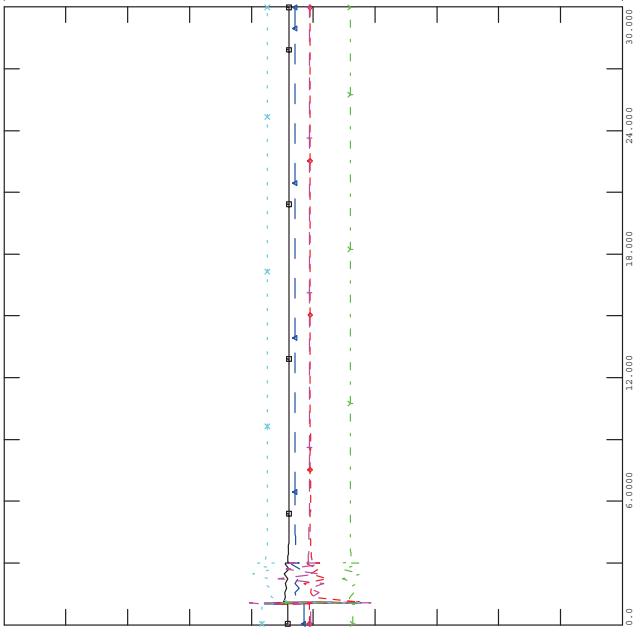

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_37_9L62_TINCHEBRAY
FILE: Scn5_2028SL_37_9L62_Tinchebray.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5477
0.06460
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5400
0.07280
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1793
0.37610
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
1.1174
0.49590
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1711
0.60760
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1601
0.62590
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_37_9L62_TINCHEBRAY
FILE: Scn5_2028SL_37_9L62_Tinchebray.out
TUE, AUG 13 2024 7:57
BUS VOLTAGE
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.5142
0.17120
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.6154
0.16000
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4539
0.14950
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.5428
0.17520
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.5216
0.16730
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.5404
0.16680
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_37_9L62_TINCHEBRAY

FILE: Scn5_2028SL_37_9L62_Tinchebray.out

CHNL# 556: [885L Q] 481.57 -334.9
CHNL# 554: [9L27 Q] 758.56 -1001.
CHNL# 552: [9L966 Q] 698.76 -801.9
CHNL# 550: [954L Q] 125.44 -173.0
CHNL# 548: [9L20 Q] 1886.5 -1888.
CHNL# 546: [398L Q] 176.43 -232.1

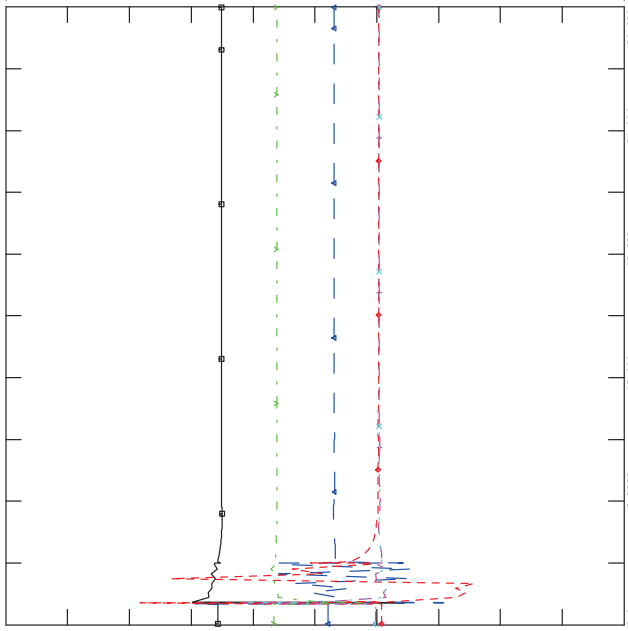


TUE, AUG 13 2024 7:57 BRANCH Q

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_37_9L62_TINCHEBRAY

FILE: Scn5_2028SL_37_9L62_Tinchebray.out

CHNL# 566: [715L Q] 192.12 -234.0
CHNL# 572: [679L Q] 31.544 -72.43
CHNL# 564: [680L Q] 31.544 -72.43
CHNL# 562: [948L Q] 205.30 -215.1
CHNL# 560: [7L224 Q] 31.194 -126.8
CHNL# 558: [748L Q] 41.445 -85.80

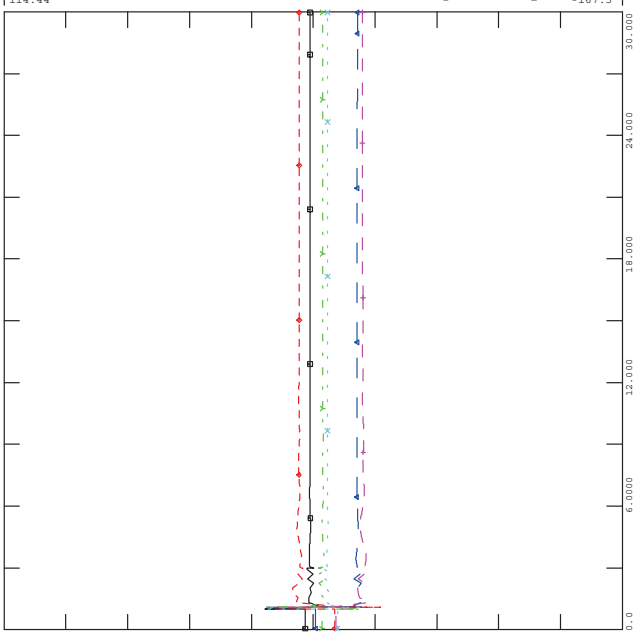


TUE, AUG 13 2024 7:57 BRANCH Q

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_37_9L62_TINCHEBRAY

FILE: Scn5_2028SL_37_9L62_Tinchebray.out

CHNL# 555: [885L P] 655.63 -443.6
CHNL# 553: [9L27 P] 684.38 -994.9
CHNL# 551: [9L966 P] 491.15 -341.3
CHNL# 549: [954L P] 60.892 -65.85
CHNL# 547: [9L20 P] 1654.5 -2268.
CHNL# 545: [398L P] 114.44 -167.5

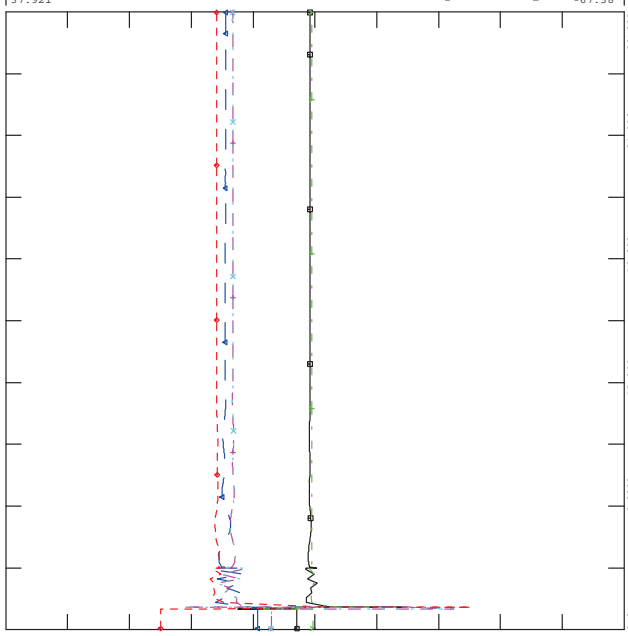


TUE, AUG 13 2024 7:57 BRANCH P

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_37_9L62_TINCHEBRAY

FILE: Scn5_2028SL_37_9L62_Tinchebray.out

CHNL# 565: [715L P] 414.04 -595.9
CHNL# 571: [679L P] 111.17 -37.43
CHNL# 563: [680L P] 111.17 -37.43
CHNL# 561: [948L P] 93.995 -224.4
CHNL# 559: [7L224 P] 36.885 -78.47
CHNL# 557: [748L P] 37.921 -67.38



TUE, AUG 13 2024 7:57 BRANCH P

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_37_9L62_TINCHEBRAY

FILE: Scn5_2028SL_37_9L62_Tinchebray.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16_Q] 853.36 -756.4
CHNL# 576: [9L59_Q] 817.92 -436.6
CHNL# 574: [953L_Q] 513.74 -228.7
CHNL# 570: [1047L_Q] 309.64 -522.0
CHNL# 568: [749L_Q] 120.10 -95.88

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_38_912L_NEVIS

FILE: Scn5_2028SL_38_912L_Nevis.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2] 1.2994 0.12770
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3] 1.7183 0.13680
CHNL# 191: [POWR 1497[BAT #5 21.000]G5] 1.5269 -0.1864
CHNL# 190: [POWR 1496[BAT #4 16.000]4] 0.62330 -0.3629
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2] 1.7397 0.80550
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1] 1.7008 0.66330

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_37_9L62_TINCHEBRAY

FILE: Scn5_2028SL_37_9L62_Tinchebray.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P] 389.07 -492.8
CHNL# 575: [9L59_P] 194.21 -343.2
CHNL# 573: [953L_P] 424.66 -121.3
CHNL# 569: [1047L_P] 185.55 -639.6
CHNL# 567: [749L_P] 64.088 -35.11

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_38_912L_NEVIS

FILE: Scn5_2028SL_38_912L_Nevis.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5] 52.095 -60.64
CHNL# 16: [ANGL 1496[BAT #4 16.000]4] 43.729 -66.95
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2] 53.897 -53.35
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1] 49.596 -57.74

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_38_912L_NEVIS

FILE: Scn5_2028SL_38_912L_Nevis.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.55150 -0.9828

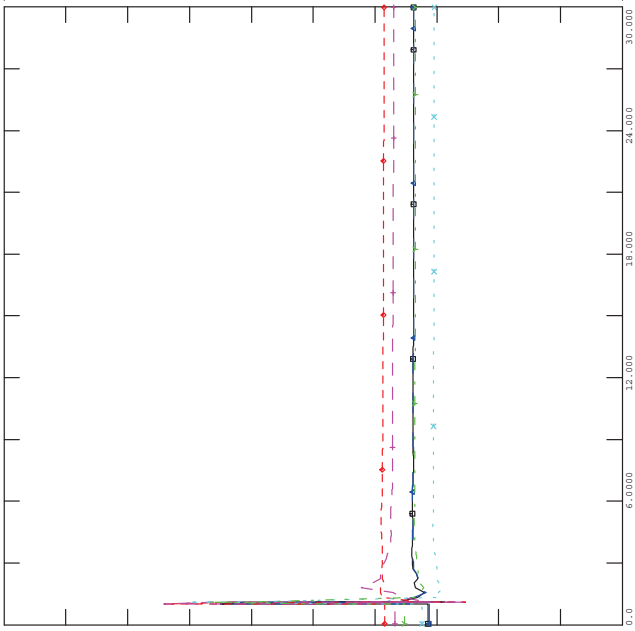
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
0.70790 -0.9927

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
5.2895 -2.602

CHNL# 277: [VARS 1496[BAT #4 16.000]4]
2.8588 -1.770

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
3.1840 -0.9946

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
3.3920 -1.118



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_38_912L_NEVIS

FILE: Scn5_2028SL_38_912L_Nevis.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3817 0.40870

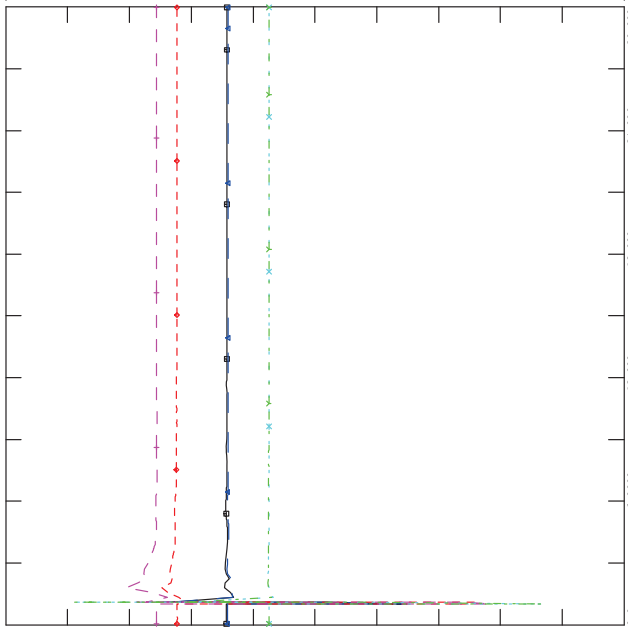
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3796 0.41440

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1403 0.62630

CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
1.1227 0.69810

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1439 0.74300

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1372 0.75280



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_38_912L_NEVIS

FILE: Scn5_2028SL_38_912L_Nevis.out

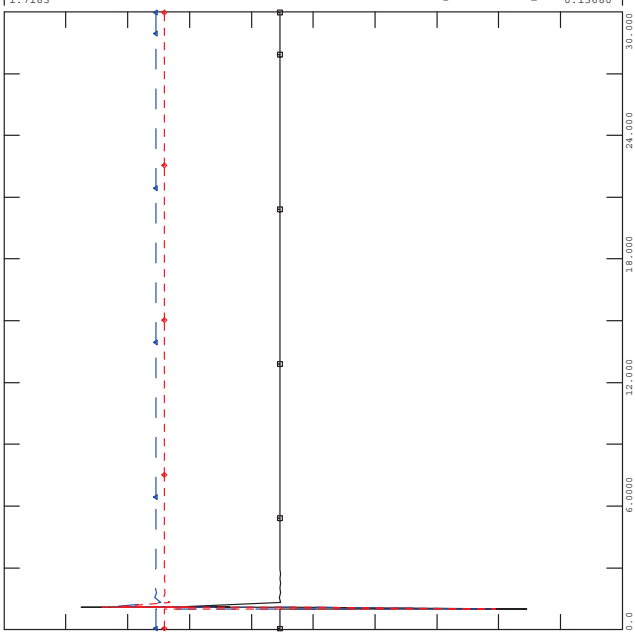
TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.3217 0.12910

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2994 0.12770

CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.7183 0.13680



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_38_912L_NEVIS

FILE: Scn5_2028SL_38_912L_Nevis.out

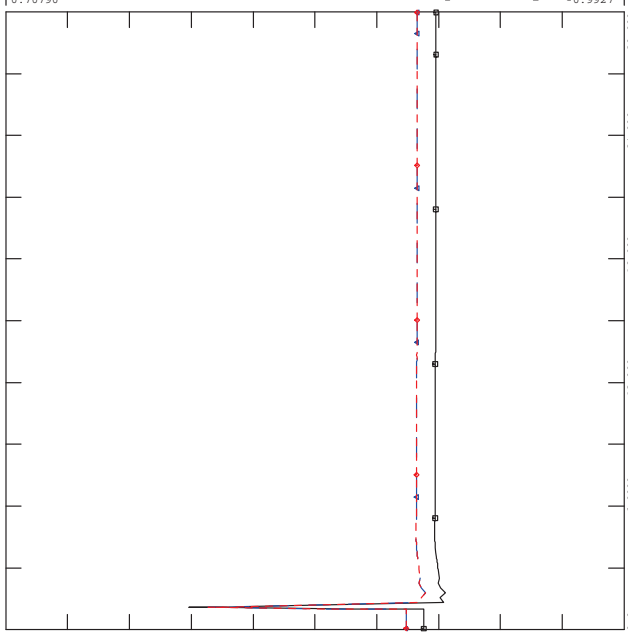
TUE, AUG 13 2024 7:57

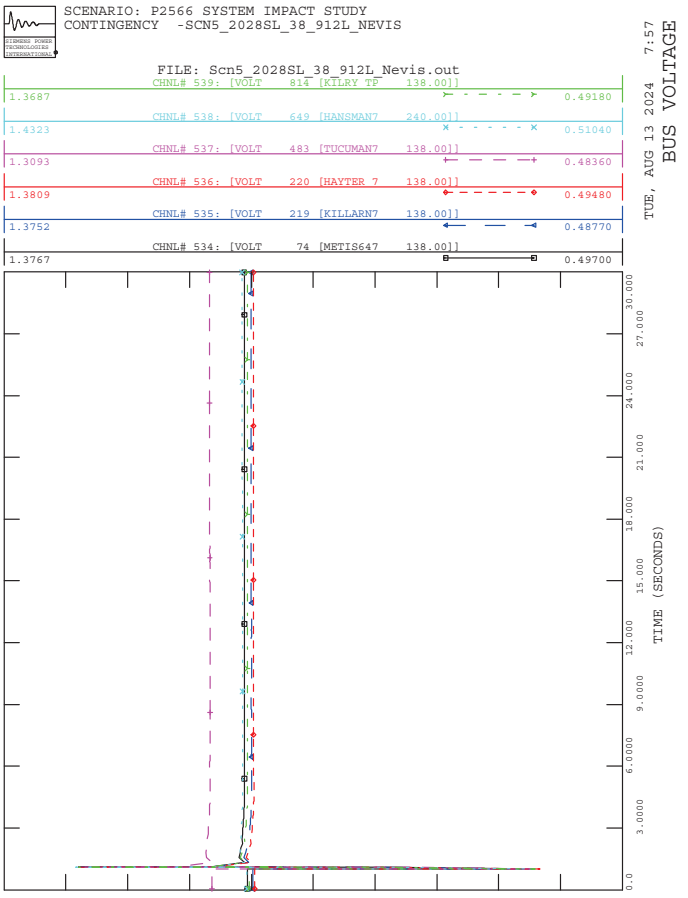
REACTIVE POWER

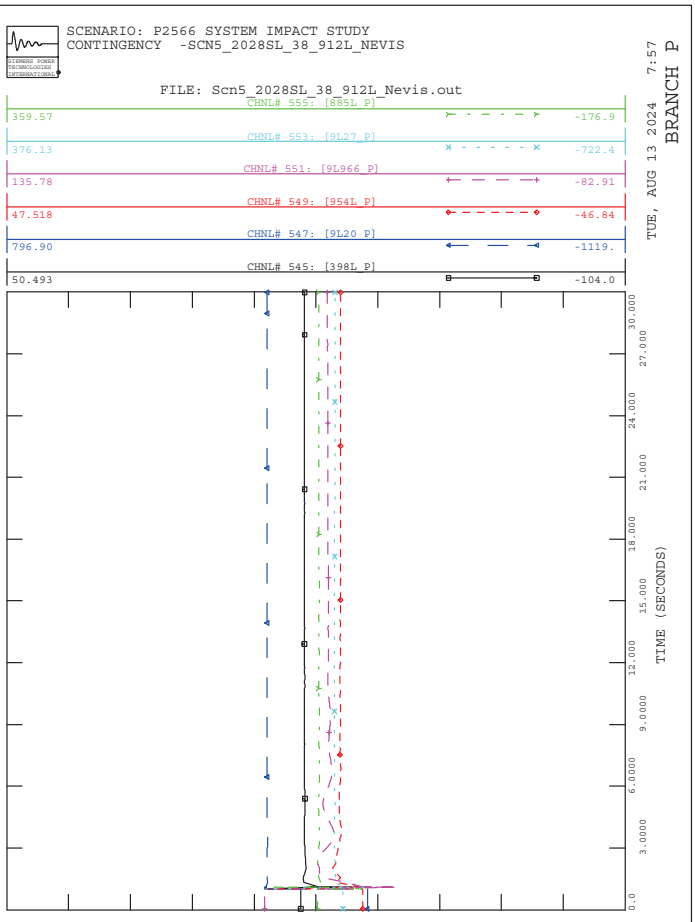
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
0.55150 -0.9826

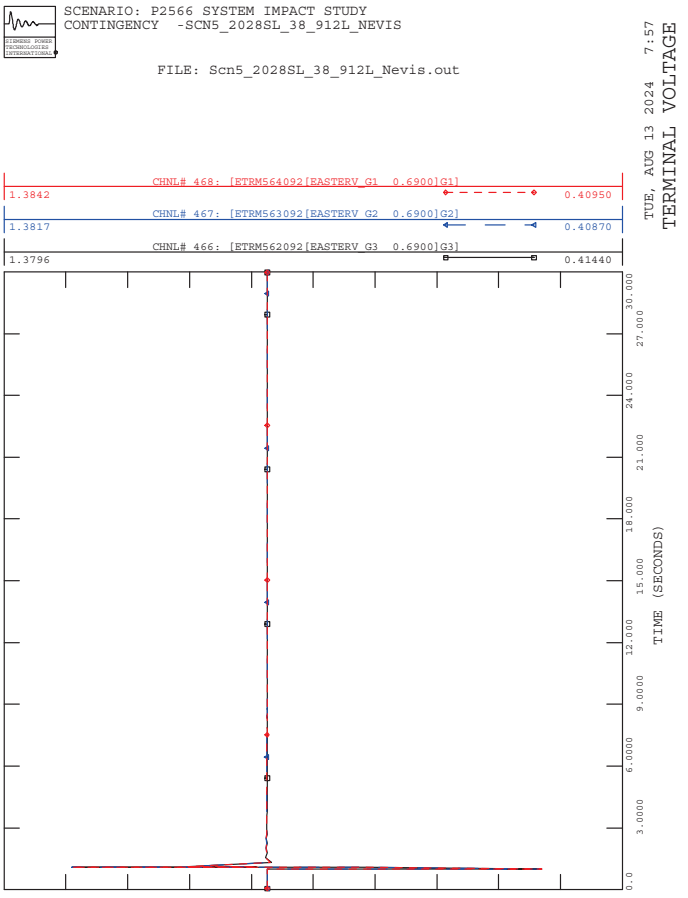
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.55150 -0.9828

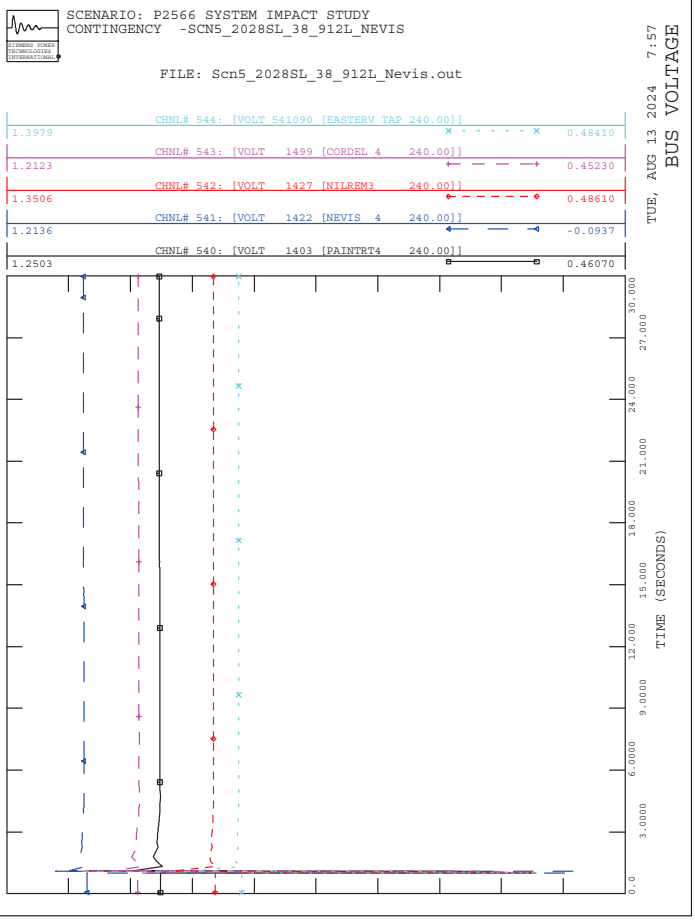
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
0.70790 -0.9927

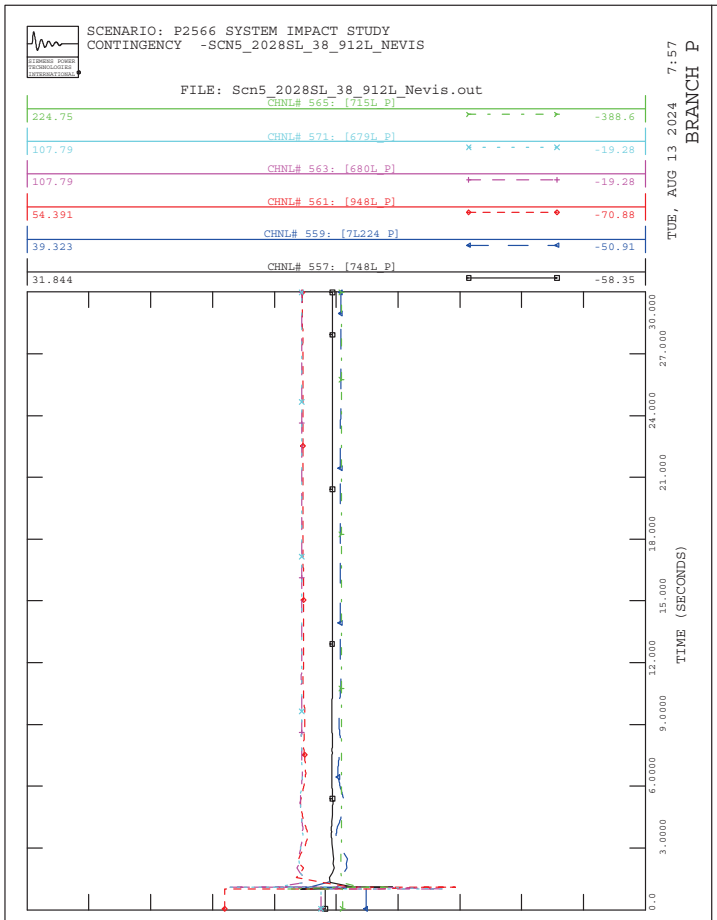


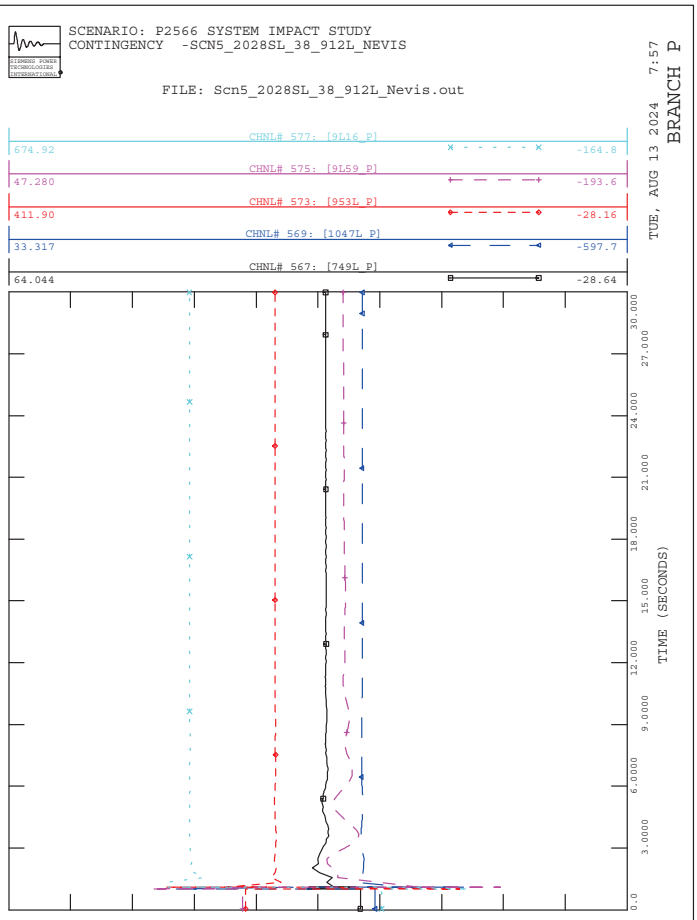

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_38_912L_NEVIS
FILE: Scn5_2028SL_38_912L_Nevis.out
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.3687 0.49180
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4323 0.51040
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3093 0.48360
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.3809 0.49480
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.3752 0.48770
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.3767 0.49700
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

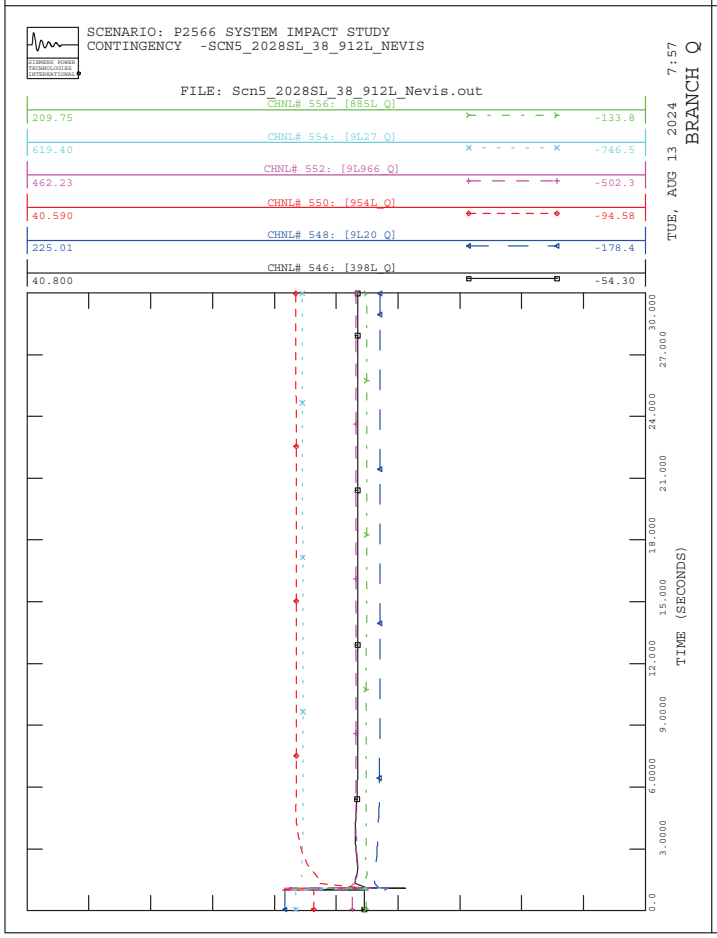

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_38_912L_NEVIS
FILE: Scn5_2028SL_38_912L_Nevis.out
CHNL# 555: [885L P]
359.57 -176.9
CHNL# 553: [9L27 P]
376.13 -722.4
CHNL# 551: [9L966 P]
135.78 -82.91
CHNL# 549: [954L P]
47.518 -46.84
CHNL# 547: [9L20 P]
796.90 -1119.
CHNL# 545: [398L P]
50.493 -104.0
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

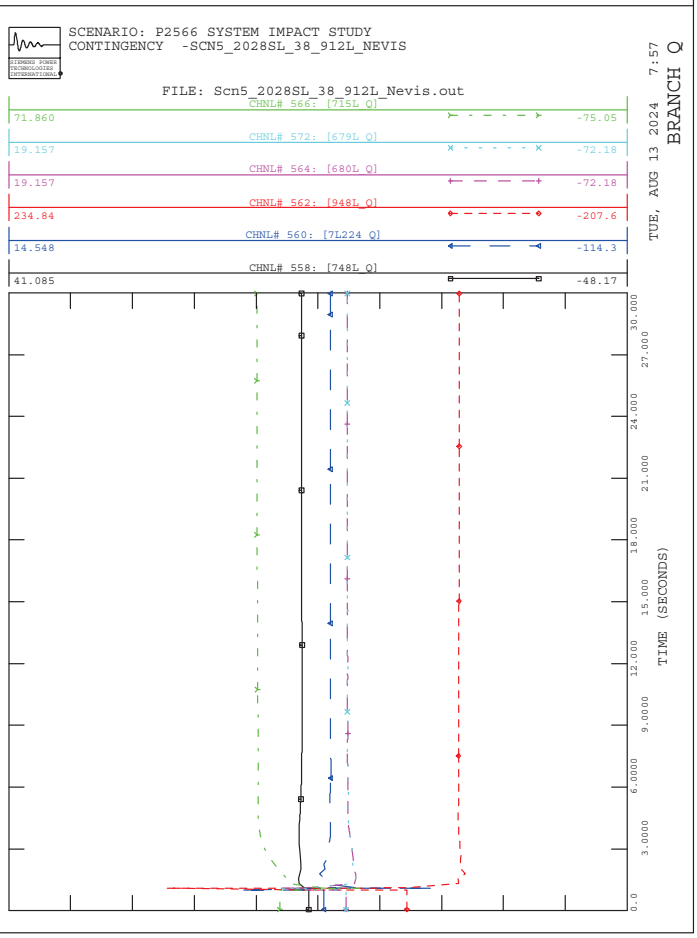

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_38_912L_NEVIS
FILE: Scn5_2028SL_38_912L_Nevis.out
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.3842 0.40950
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3817 0.40870
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3796 0.41440
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
TIME (SECONDS)
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_38_912L_NEVIS
FILE: Scn5_2028SL_38_912L_Nevis.out
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.3979 0.48410
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2123 0.45230
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3506 0.48610
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2136 -0.0937
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2503 0.46070
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_38_912L_NEVIS
FILE: Scn5_2028SL_38_912L_Nevis.out
CHNL# 565: [715L P]
224.75
-388.6
CHNL# 571: [679L P]
107.79
-19.28
CHNL# 563: [680L P]
107.79
-19.28
CHNL# 561: [948L P]
54.391
-70.88
CHNL# 559: [7L224 P]
39.323
-50.91
CHNL# 557: [748L P]
31.844
-58.35
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_38_912L_NEVIS
FILE: Scn5_2028SL_38_912L_Nevis.out
CHNL# 577: [9L16 P]
674.92
-164.8
CHNL# 575: [9L59 P]
47.280
-193.6
CHNL# 573: [953L P]
411.90
-28.16
CHNL# 569: [1047L P]
33.317
-597.7
CHNL# 567: [749L P]
64.044
-28.64
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_38_912L_NEVIS
FILE: Scn5_2028SL_38_912L_Nevis.out
CHNL# 556: [885L Q]
209.75
-133.8
CHNL# 554: [9L27 Q]
619.40
-746.5
CHNL# 552: [9L966 Q]
462.23
-502.3
CHNL# 550: [954L Q]
40.590
-94.58
CHNL# 548: [9L20 Q]
225.01
-178.4
CHNL# 546: [398L Q]
40.800
-54.30
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

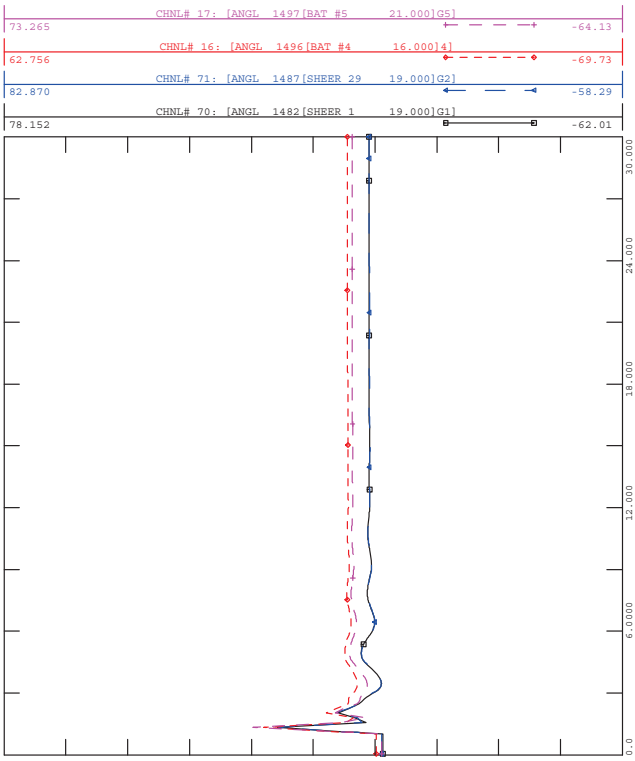

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_38_912L_NEVIS
FILE: Scn5_2028SL_38_912L_Nevis.out
CHNL# 566: [715L Q]
71.860
-75.05
CHNL# 572: [679L Q]
19.157
-72.18
CHNL# 564: [680L Q]
19.157
-72.18
CHNL# 562: [948L Q]
234.84
-207.6
CHNL# 560: [7L224 Q]
14.548
-114.3
CHNL# 558: [748L Q]
41.085
-48.17
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_39_912L_REDDEER

FILE: Scn5_2028SL_39_912L_RedDeer.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

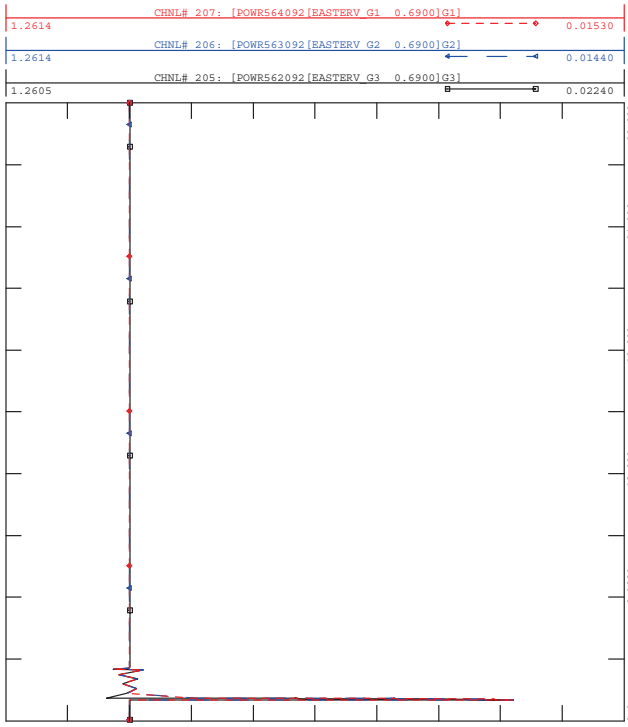


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_39_912L_REDDEER

FILE: Scn5_2028SL_39_912L_RedDeer.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

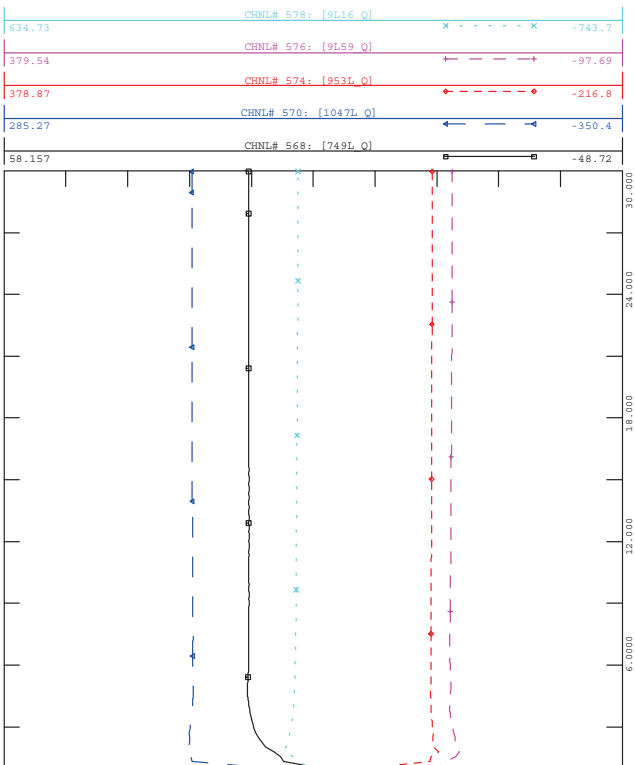


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_38_912L_NEVIS

FILE: Scn5_2028SL_38_912L_Nevis.out

TUE, AUG 13 2024 7:57

BRANCH Q

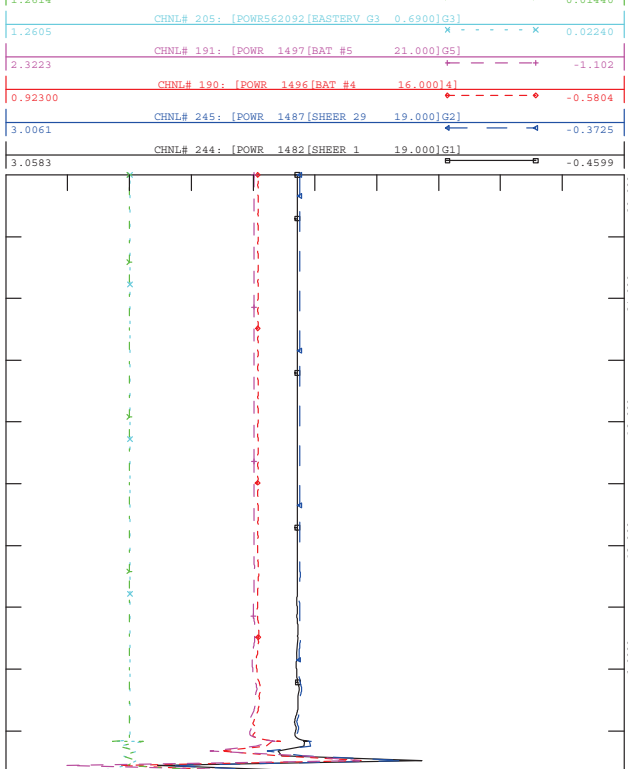


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_39_912L_REDDEER

FILE: Scn5_2028SL_39_912L_RedDeer.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

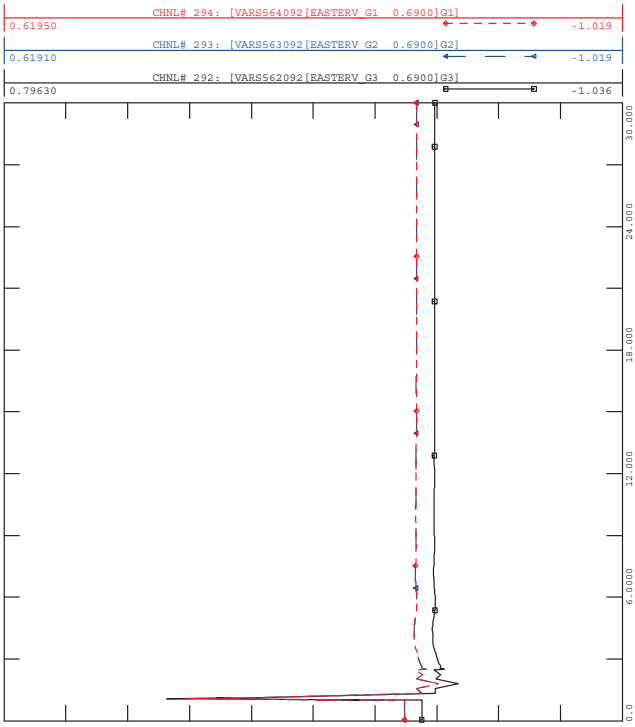


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_39_912L_REDDEER

FILE: Scn5_2028SL_39_912L_RedDeer.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

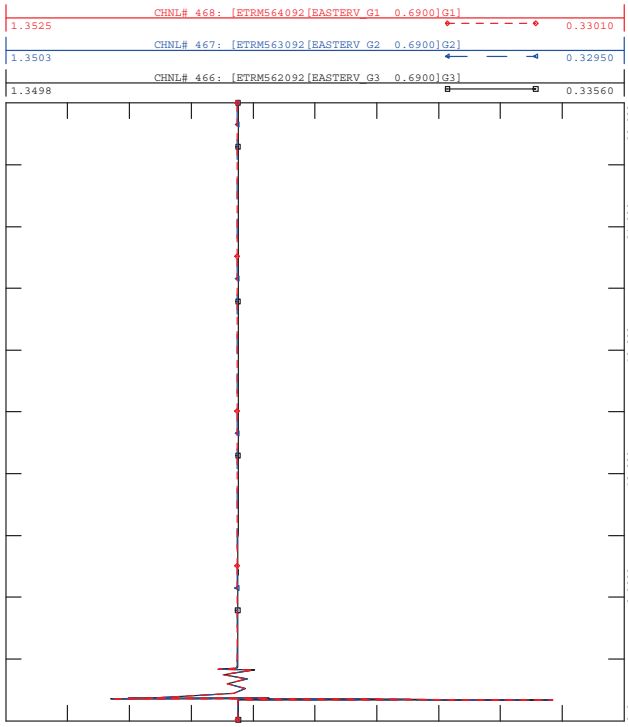


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_39_912L_REDDEER

FILE: Scn5_2028SL_39_912L_RedDeer.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

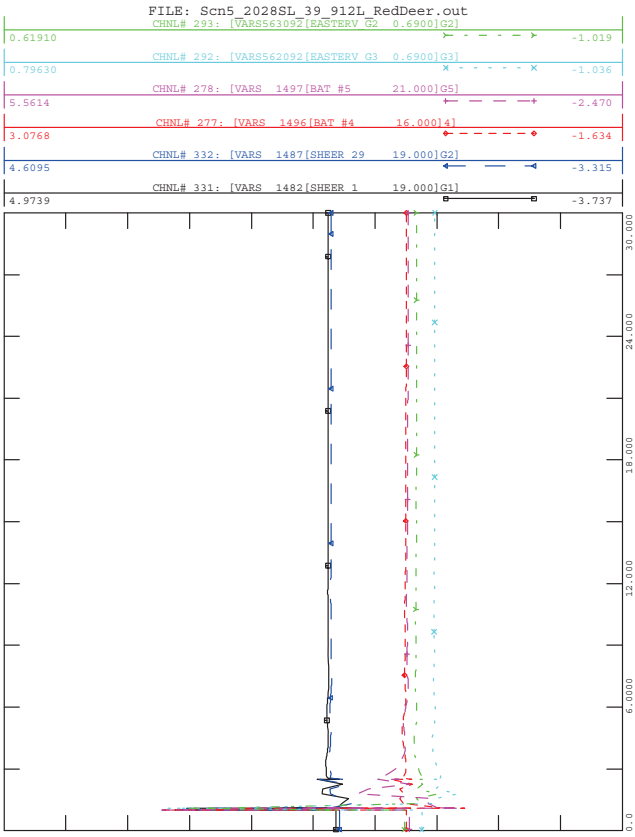


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_39_912L_REDDEER

FILE: Scn5_2028SL_39_912L_RedDeer.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

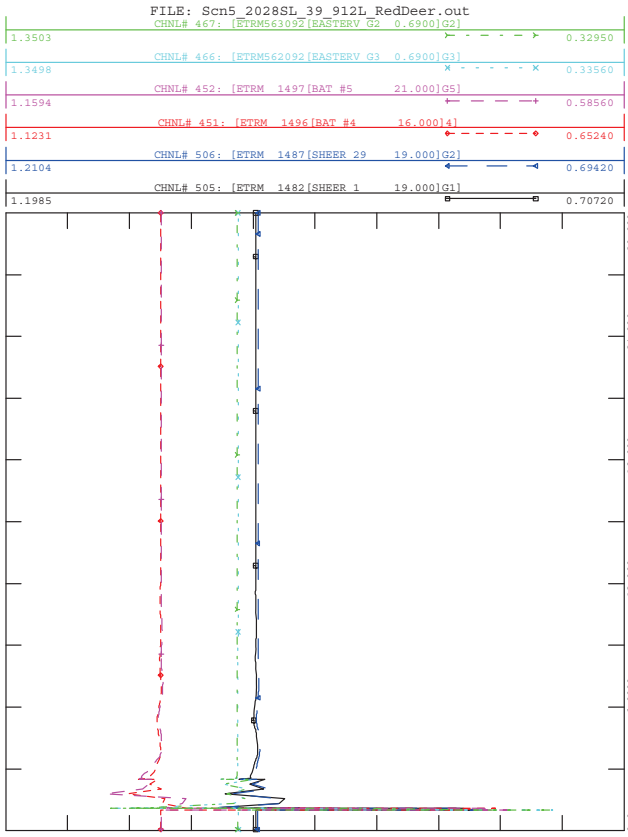


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_39_912L_REDDEER

FILE: Scn5_2028SL_39_912L_RedDeer.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE



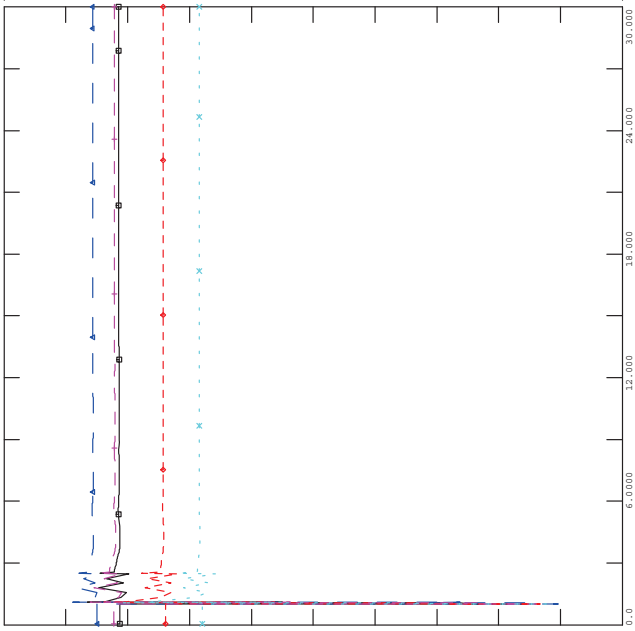
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_39_912L_REDDEER

FILE: Scn5_2028SL_39_912L_RedDeer.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.3576 0.40250
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.1960 0.38120
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.2894 0.40660
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2000 0.16330
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2079 0.38760



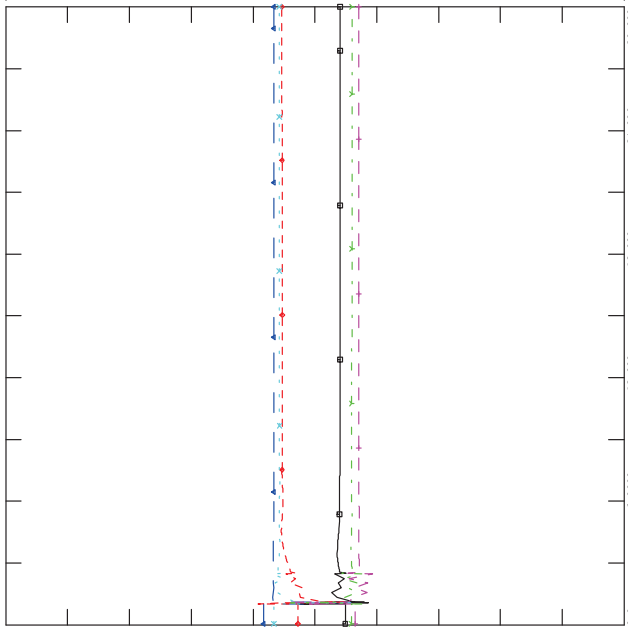
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_39_912L_REDDEER

FILE: Scn5_2028SL_39_912L_RedDeer.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L Q]
291.07 -191.2
CHNL# 554: [9L27 Q]
777.28 -958.0
CHNL# 552: [9L966 Q]
673.60 -598.7
CHNL# 550: [954L Q]
65.046 -119.4
CHNL# 548: [9L20 Q]
1616.3 -2126.
CHNL# 546: [398L Q]
40.581 -53.49



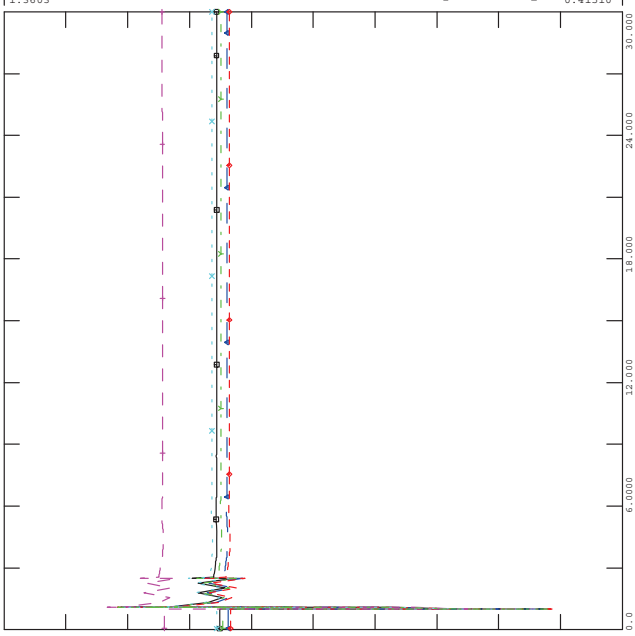
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_39_912L_REDDEER

FILE: Scn5_2028SL_39_912L_RedDeer.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.3575 0.40660
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4079 0.42670
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.2515 0.40600
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.3742 0.41140
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.3679 0.40320
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.3603 0.41510



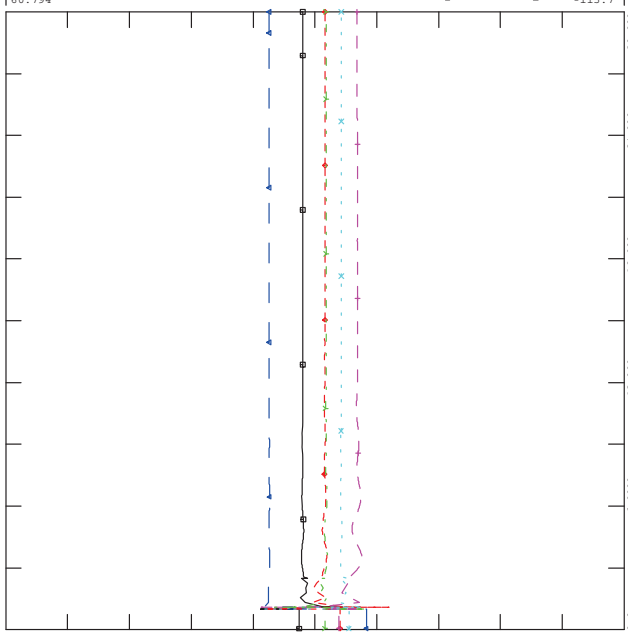
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_39_912L_REDDEER

FILE: Scn5_2028SL_39_912L_RedDeer.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
467.53 -264.0
CHNL# 553: [9L27 P]
429.85 -743.5
CHNL# 551: [9L966 P]
446.71 -299.5
CHNL# 549: [954L P]
69.202 -71.49
CHNL# 547: [9L20 P]
831.77 -1144.
CHNL# 545: [398L P]
60.794 -115.7



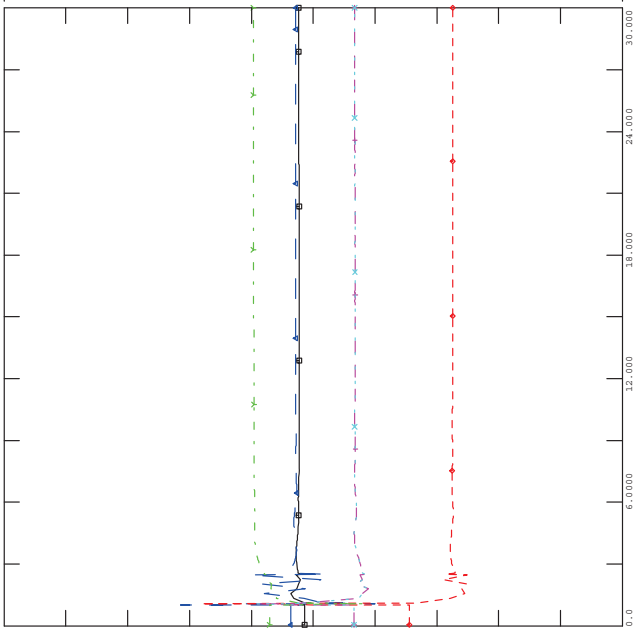
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_39_912L_REDDEER

FILE: Scn5_2028SL_39_912L_RedDeer.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 566: [715L Q] 110.28 -129.1
CHNL# 572: [679L Q] 24.178 -72.73
CHNL# 564: [680L Q] 24.178 -72.73
CHNL# 562: [948L Q] 361.45 -266.4
CHNL# 560: [7L224 Q] 22.034 -135.8
CHNL# 558: [748L Q] 42.459 -49.48



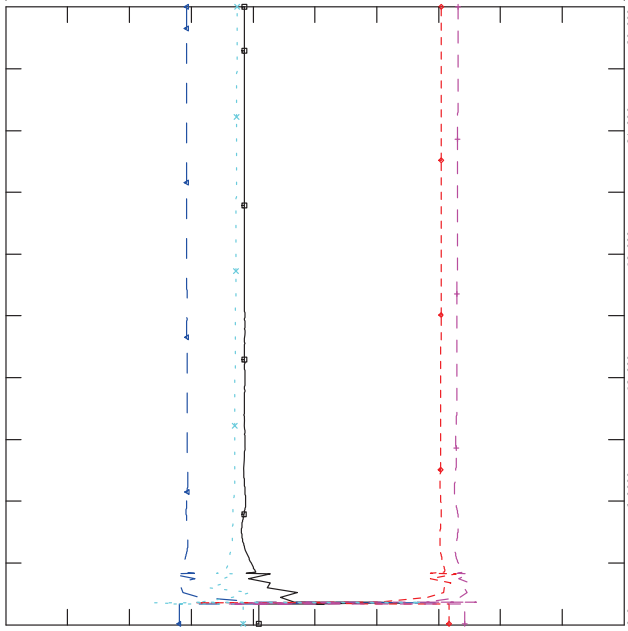
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_39_912L_REDDEER

FILE: Scn5_2028SL_39_912L_RedDeer.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16 Q] 448.71 -804.6
CHNL# 576: [9L59 Q] 481.54 -131.5
CHNL# 574: [953L Q] 543.09 -274.6
CHNL# 570: [1047L Q] 340.67 -511.8
CHNL# 568: [749L Q] 58.097 -49.11



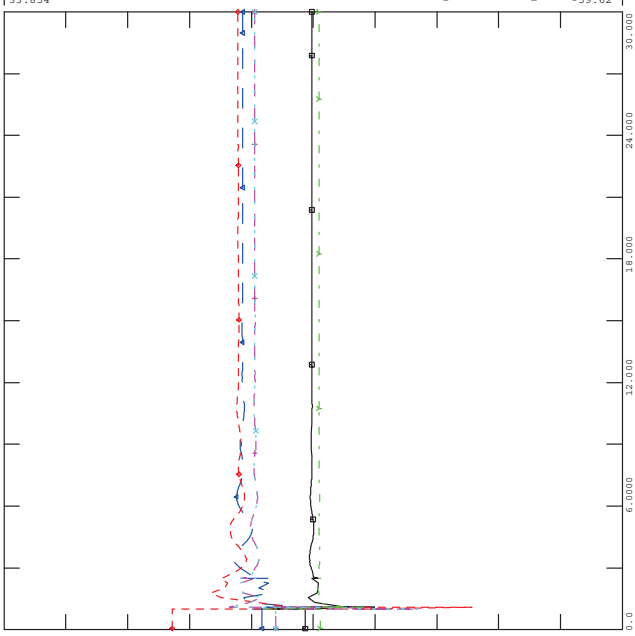
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_39_912L_REDDEER

FILE: Scn5_2028SL_39_912L_RedDeer.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 565: [715L P] 277.74 -437.7
CHNL# 571: [679L P] 99.660 -19.30
CHNL# 563: [680L P] 99.660 -19.30
CHNL# 561: [948L P] 54.391 -92.74
CHNL# 559: [7L224 P] 38.584 -78.21
CHNL# 557: [748L P] 33.854 -59.62



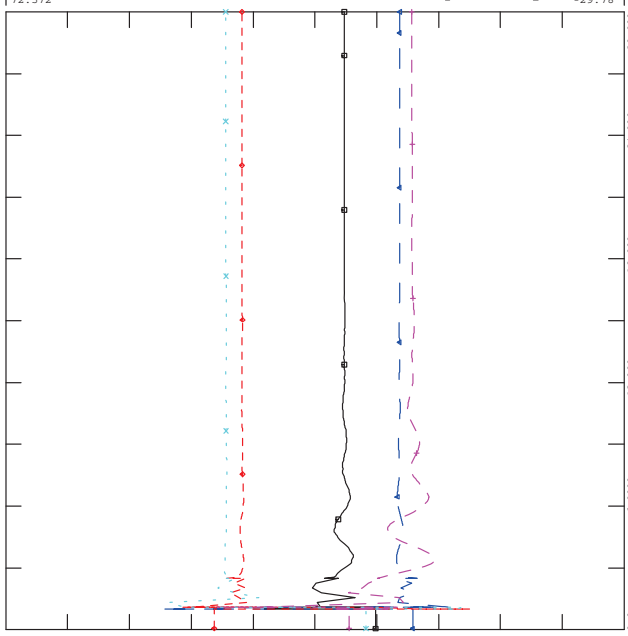
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN5_2028SL_39_912L_REDDEER

FILE: Scn5_2028SL_39_912L_RedDeer.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16 P] 840.88 -313.6
CHNL# 575: [9L59 P] 171.52 -216.1
CHNL# 573: [953L P] 400.62 -65.69
CHNL# 569: [1047L P] 58.102 -547.4
CHNL# 567: [749L P] 72.572 -29.78



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_00_NOFAULT

FILE: Scn6_2028WP_00_nofault.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2121 0.81200

CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2121 0.81200

CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
0.20060 -0.2004

CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000 -0.2000

CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
1.6005 1.1998

CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
1.6008 1.1997

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_00_NOFAULT

FILE: Scn6_2028WP_00_nofault.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.47710 -0.5242

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
0.47710 -0.5246

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
1.2755 0.26630

CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000 -0.5000

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
1.5420 0.51100

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
1.4992 0.46870

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_00_NOFAULT

FILE: Scn6_2028WP_00_nofault.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
6.8656 -93.20

CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000 -50.00

CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
44.455 -55.62

CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
41.804 -58.23

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_00_NOFAULT

FILE: Scn6_2028WP_00_nofault.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2121 0.81200

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2121 0.81200

CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2121 0.81200

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_00_NOFAULT

FILE: Scn6_2028WP_00_nofault.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.1266 0.92650
CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.1232 0.92320
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1400 0.94000
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1101 0.91000
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1101 0.91000

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_00_NOFAULT

FILE: Scn6_2028WP_00_nofault.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILEY TP 138.00]]
1.1476 0.94740
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.1771 0.97690
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.1369 0.93660
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.1475 0.94730
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.1488 0.94860
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.1456 0.94540

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_00_NOFAULT

FILE: Scn6_2028WP_00_nofault.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
0.47710 -0.5242
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.47710 -0.5242
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
0.47710 -0.5246

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_00_NOFAULT

FILE: Scn6_2028WP_00_nofault.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.1225 0.92250
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.1266 0.92650
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.1232 0.92320

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_00_NOFAULT

FILE: Scn6_2028WP_00_nofault.out

BRANCH P
TUE, AUG 13 2024 7:57

CHNL# 555: [885L P]
175.07 94.944
CHNL# 553: [9L27 P]
-154.7 -235.0
CHNL# 551: [9L966 P]
300.38 219.78
CHNL# 549: [954L P]
70.257 -9.756
CHNL# 547: [9L20 P]
-288.8 -369.3
CHNL# 545: [398L P]
-2.727 -82.74

TIME (SECONDS)
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_00_NOFAULT

FILE: Scn6_2028WP_00_nofault.out

BRANCH P
TUE, AUG 13 2024 7:57

CHNL# 565: [715L P]
7.8385 -72.17
CHNL# 571: [679L P]
102.06 22.047
CHNL# 563: [680L P]
102.06 22.047
CHNL# 561: [948L P]
172.30 92.039
CHNL# 559: [7L224 P]
-35.58 -115.7
CHNL# 557: [748L P]
4.0467 -75.97

TIME (SECONDS)
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_00_NOFAULT

FILE: Scn6_2028WP_00_nofault.out

BUS VOLTAGE
TUE, AUG 13 2024 7:57

CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.1752 0.97490
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.1570 0.95660
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.1727 0.97240
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.1447 0.94410
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.1610 0.96060

TIME (SECONDS)
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

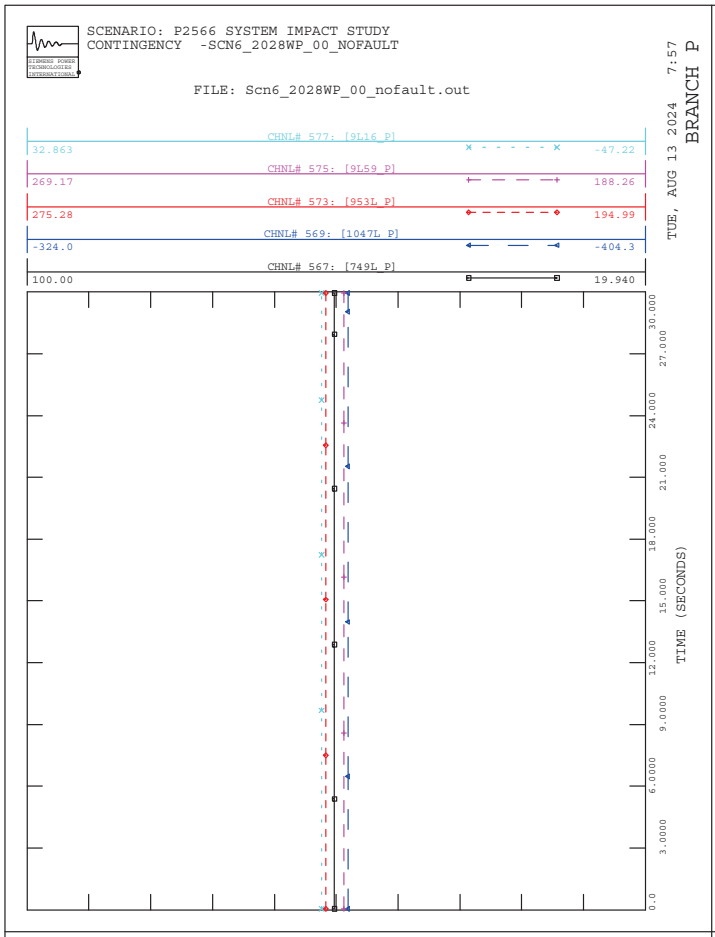
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_00_NOFAULT

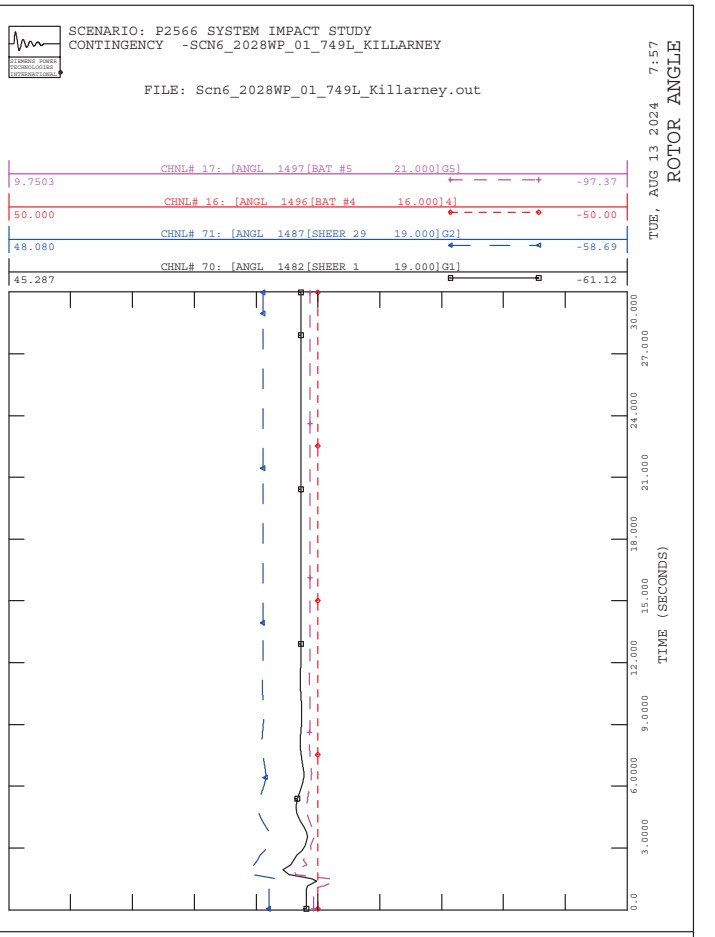
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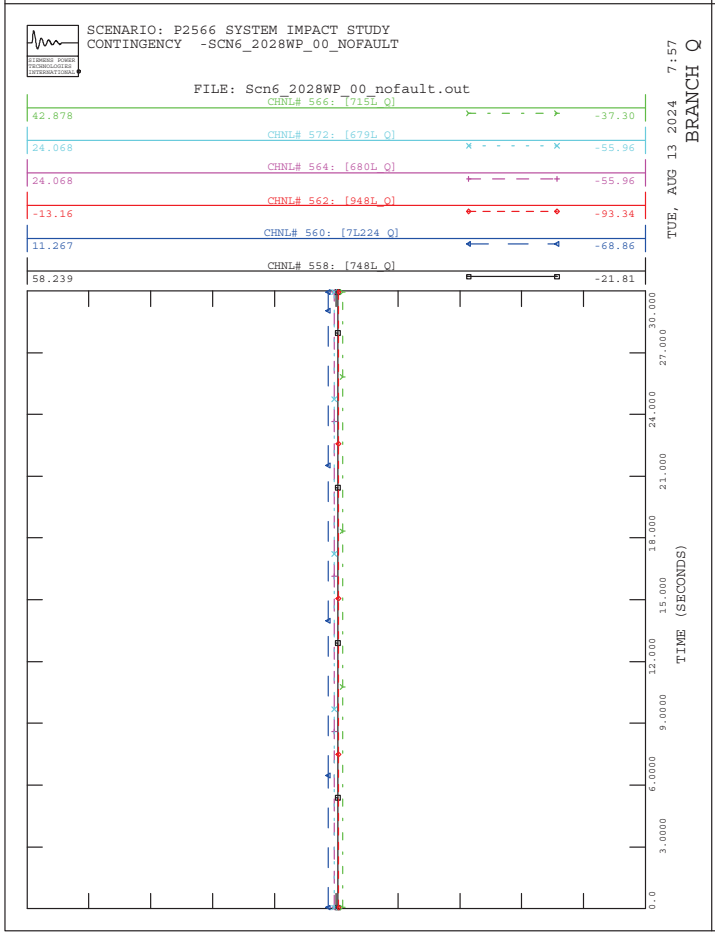
BRANCH Q
TUE, AUG 13 2024 7:57

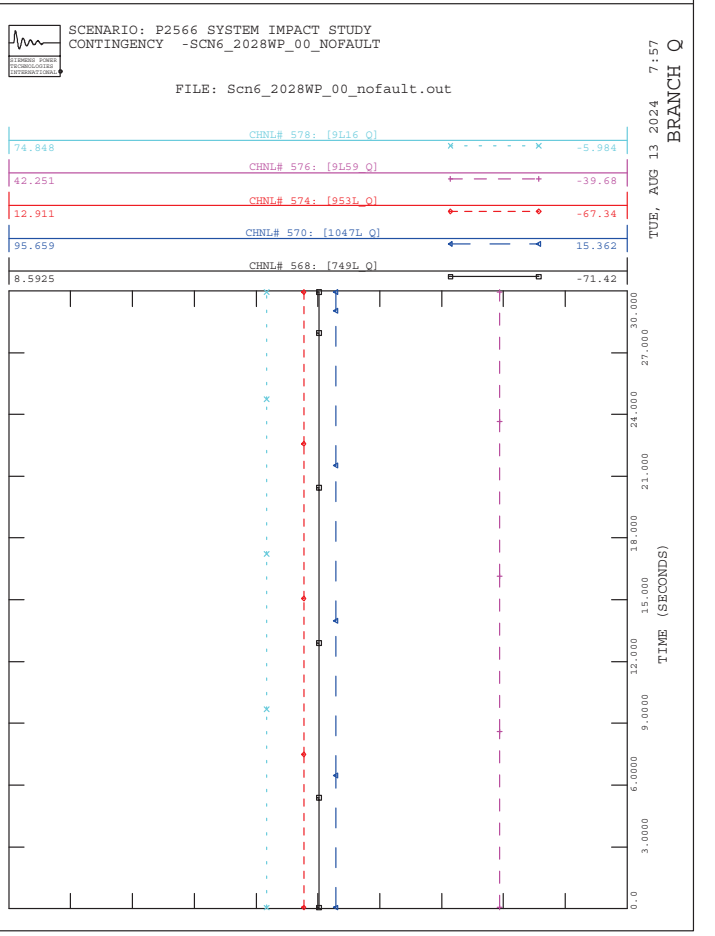
CHNL# 556: [885L Q]
29.590 -50.44
CHNL# 554: [9L27 Q]
53.656 -26.44
CHNL# 552: [9L966 Q]
10.971 -69.16
CHNL# 550: [954L Q]
3.8589 -76.17
CHNL# 548: [9L20 Q]
87.370 7.2258
CHNL# 546: [398L Q]
58.002 -22.05

TIME (SECONDS)
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_00_NOFAULT
FILE: Scn6_2028WP_00_nofault.out
CHNL# 577: [9L16_P]
32.863
-47.22
CHNL# 575: [9L59_P]
269.17
188.26
CHNL# 573: [953L_P]
275.28
194.99
CHNL# 569: [1047L_P]
-324.0
-404.3
CHNL# 567: [749L_P]
100.00
19.940
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_01_749L_KILLARNEY
FILE: Scn6_2028WP_01_749L_Killarney.out
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
9.7503
-97.37
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000
-50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
48.080
-58.69
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
45.287
-61.12
TUE, AUG 13 2024 7:57
ROTOR ANGLE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_00_NOFAULT
FILE: Scn6_2028WP_00_nofault.out
CHNL# 566: [715L_Q]
42.878
-37.30
CHNL# 572: [679L_Q]
24.068
-55.96
CHNL# 564: [680L_Q]
24.068
-55.96
CHNL# 562: [948L_Q]
-13.16
-93.34
CHNL# 560: [7L224_Q]
11.267
-68.86
CHNL# 558: [748L_Q]
58.239
-21.81
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

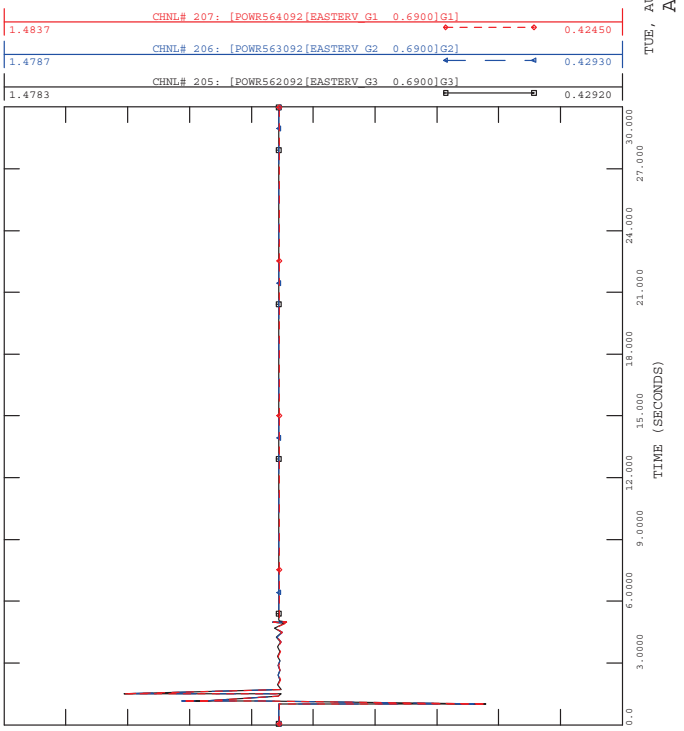

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_00_NOFAULT
FILE: Scn6_2028WP_00_nofault.out
CHNL# 578: [9L16_Q]
74.848
-5.984
CHNL# 576: [9L59_Q]
42.251
-39.68
CHNL# 574: [953L_Q]
12.911
-67.34
CHNL# 570: [1047L_Q]
95.659
15.362
CHNL# 568: [749L_Q]
8.5925
-71.42
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_01_749L_KILLARNEY

FILE: Scn6_2028WP_01_749L_Killarney.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

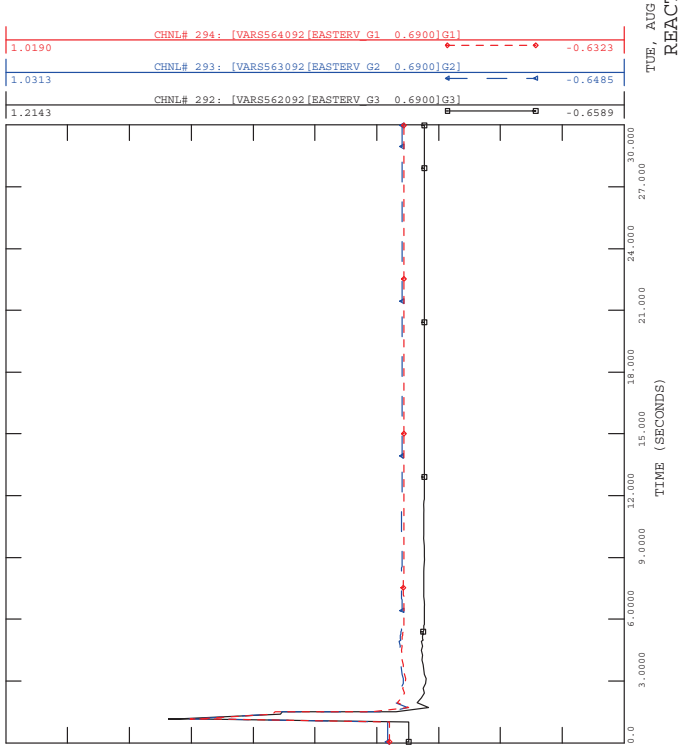


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_01_749L_KILLARNEY

FILE: Scn6_2028WP_01_749L_Killarney.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

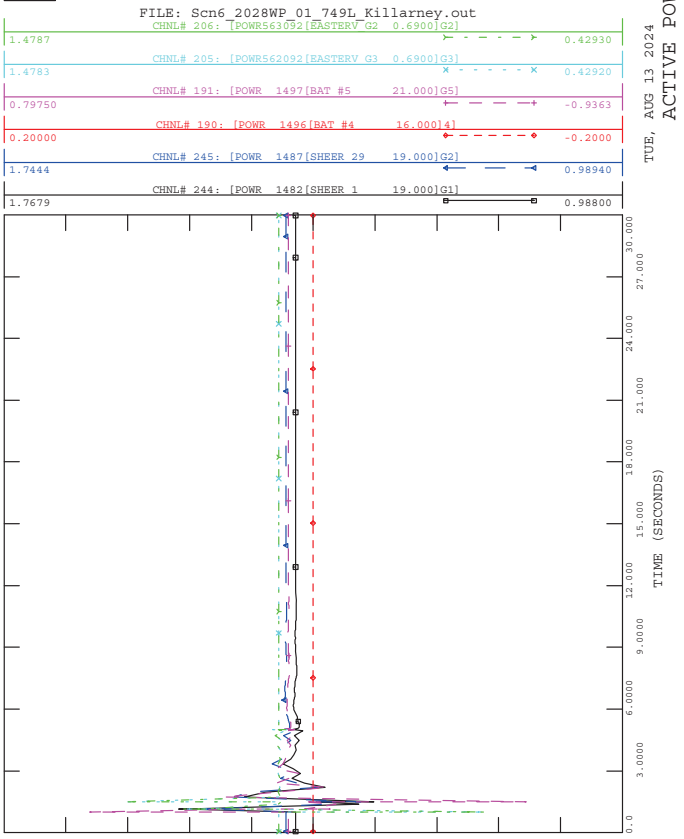


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_01_749L_KILLARNEY

FILE: Scn6_2028WP_01_749L_Killarney.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

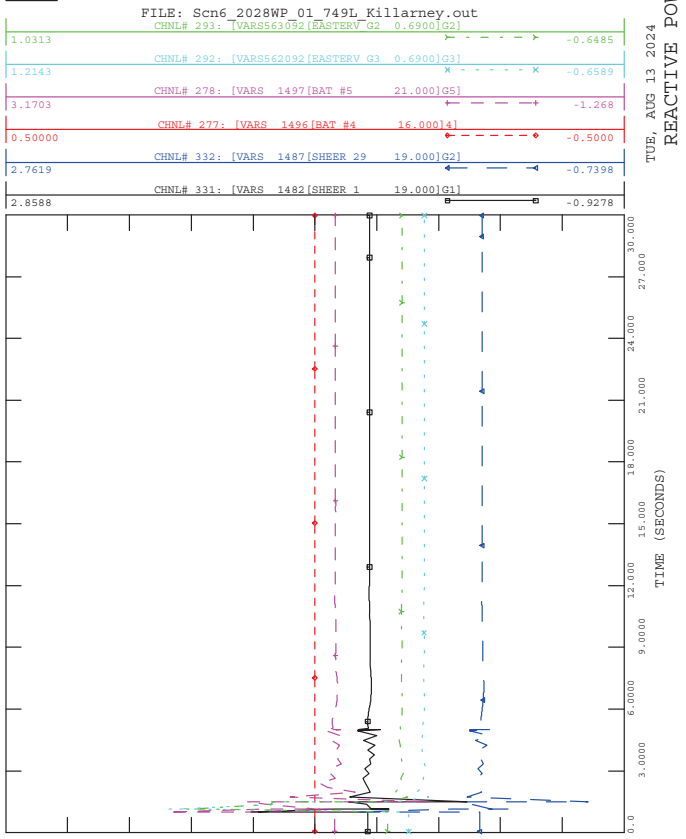


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_01_749L_KILLARNEY

FILE: Scn6_2028WP_01_749L_Killarney.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

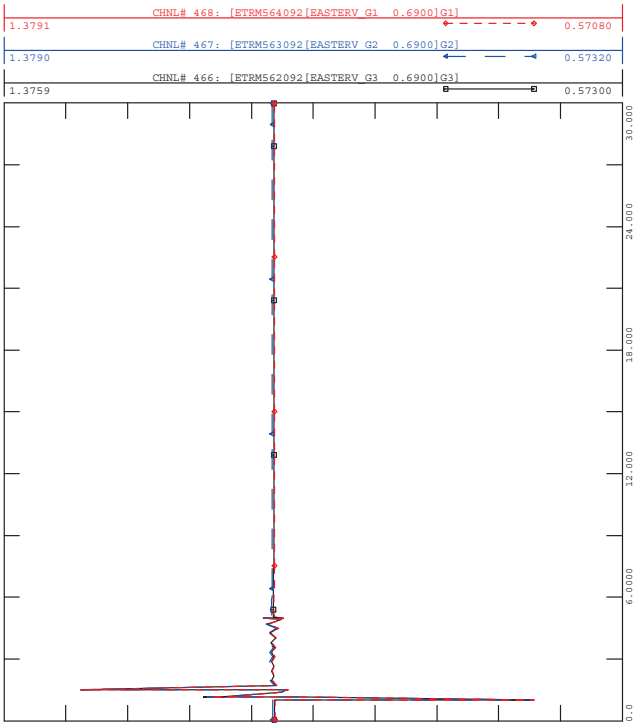


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_01_749L_KILLARNEY

FILE: Scn6_2028WP_01_749L_Killarney.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

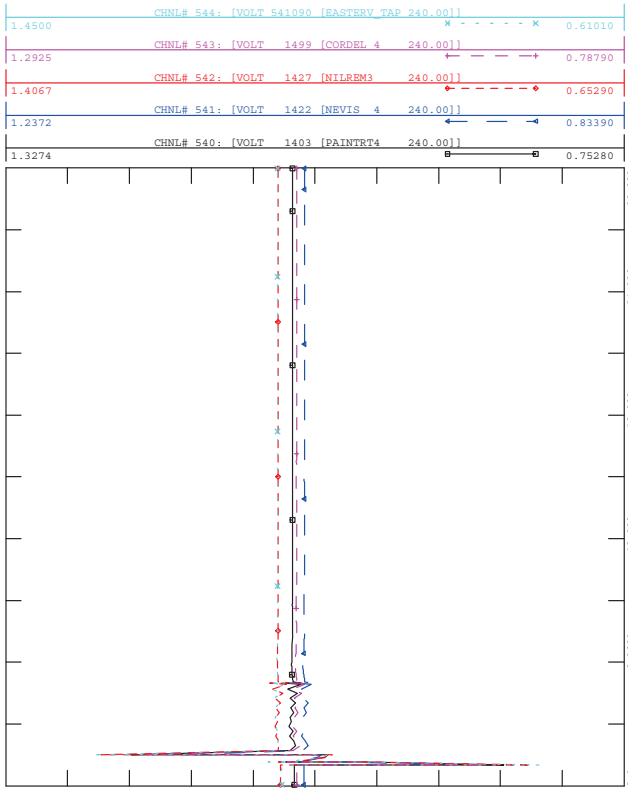


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_01_749L_KILLARNEY

FILE: Scn6_2028WP_01_749L_Killarney.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

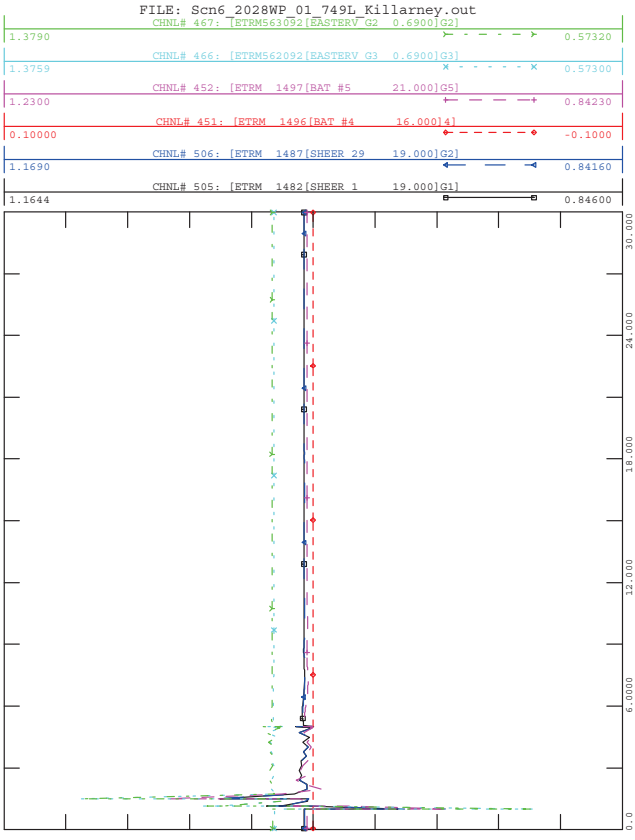


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_01_749L_KILLARNEY

FILE: Scn6_2028WP_01_749L_Killarney.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

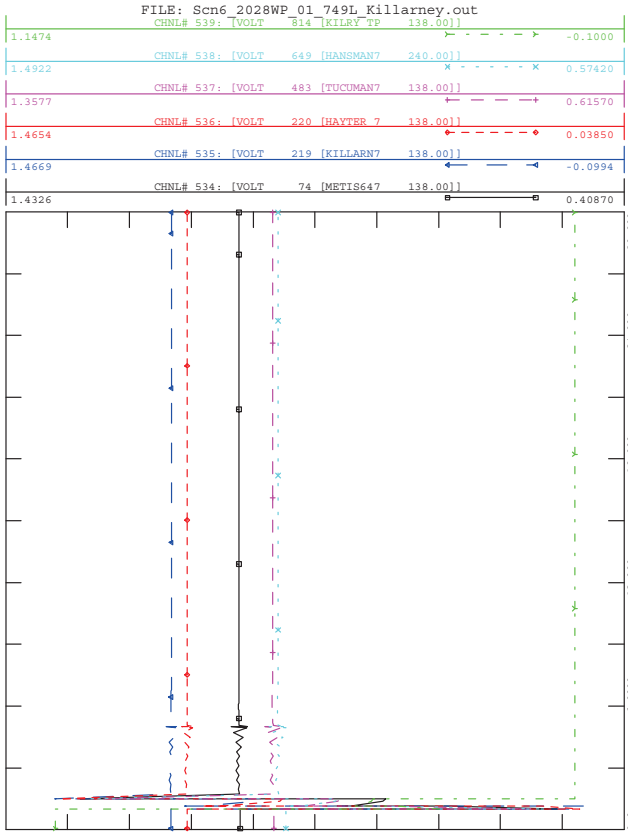


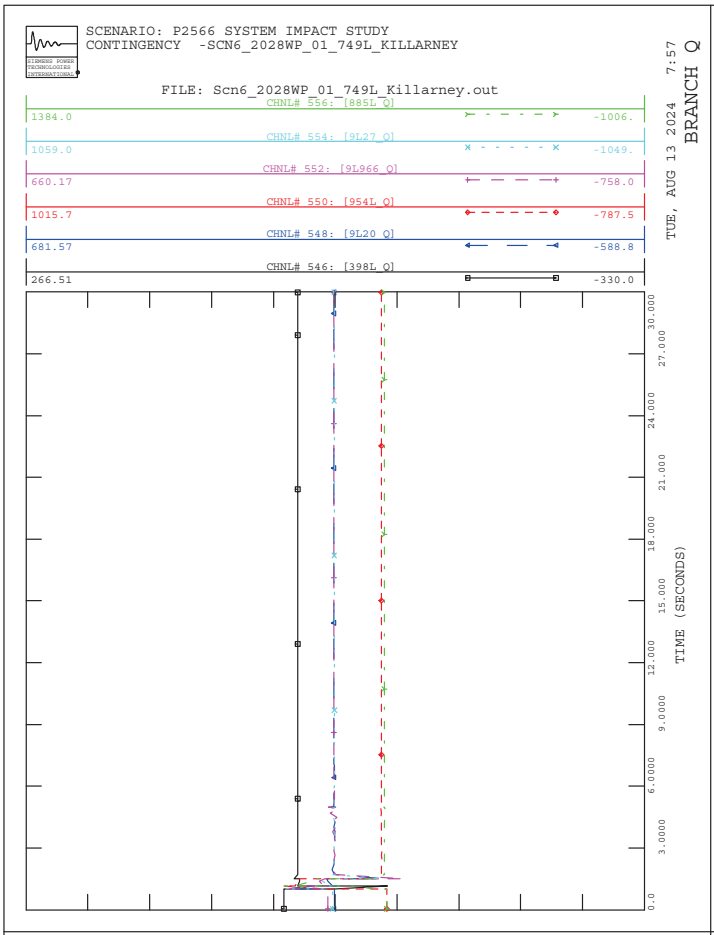
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_01_749L_KILLARNEY

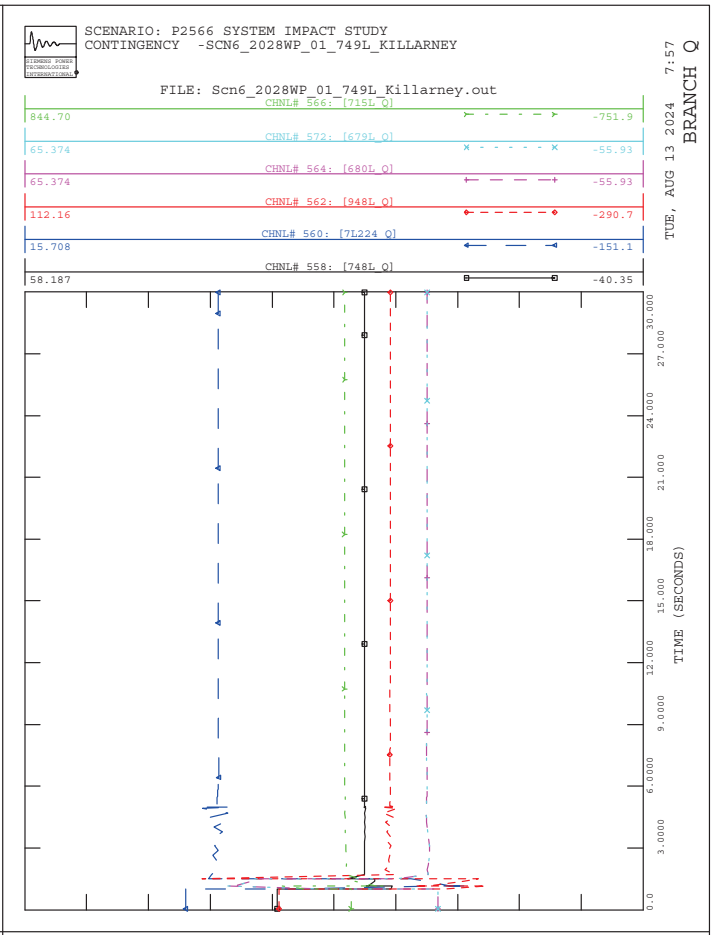
FILE: Scn6_2028WP_01_749L_Killarney.out

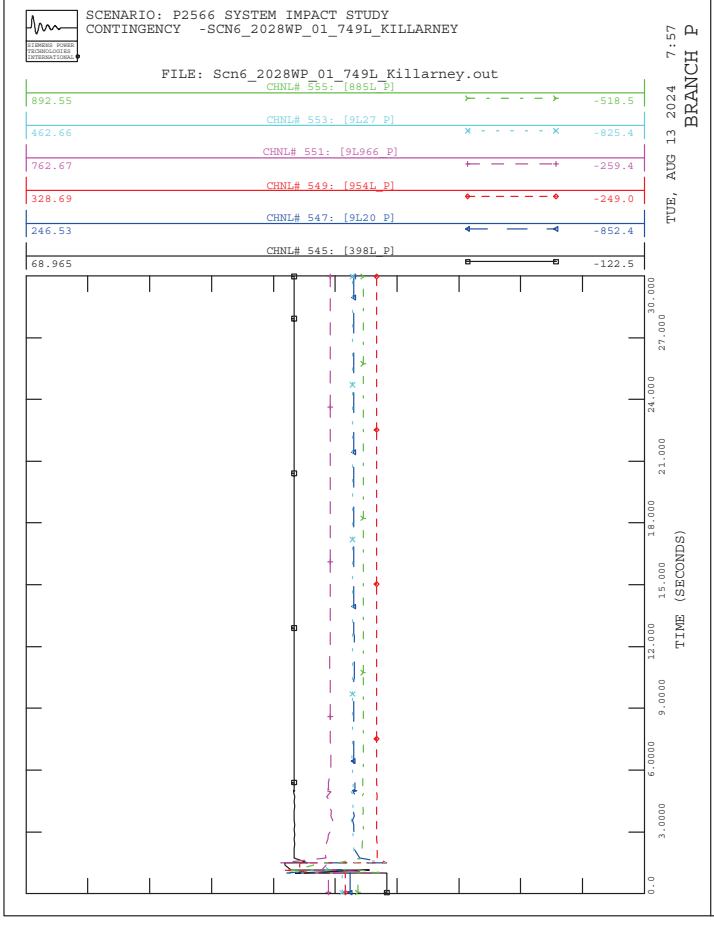
TUE, AUG 13 2024 7:57

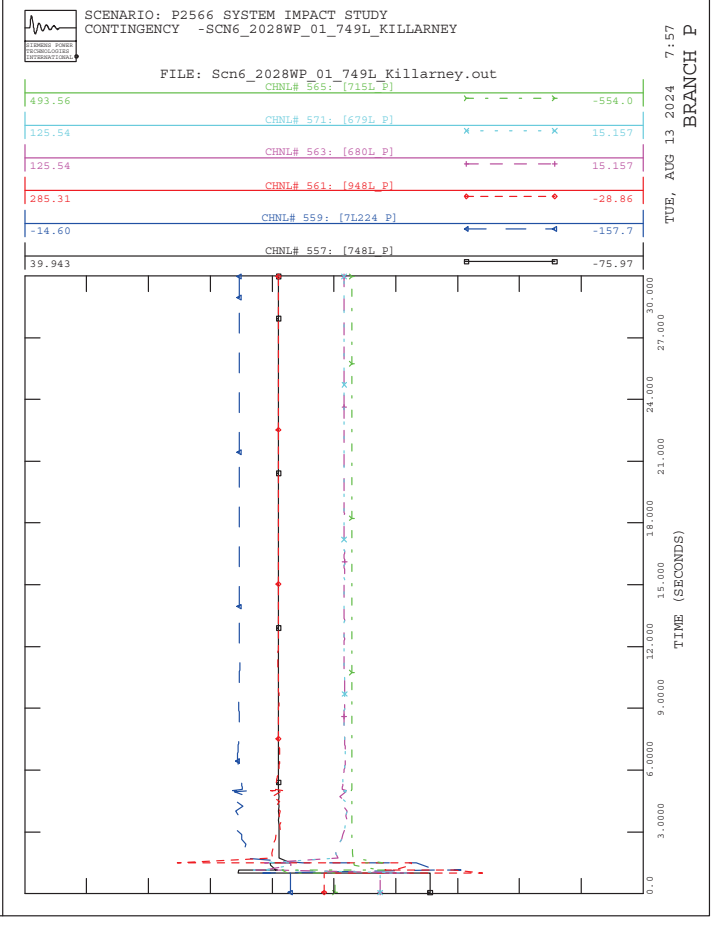
BUS VOLTAGE




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_01_749L_KILLARNEY
FILE: Scn6_2028WP_01_749L_Killarney.out
CHNL# 556: [885L Q]
1384.0
-1006.
CHNL# 554: [9L27 Q]
1059.0
-1049.
CHNL# 552: [9L966 Q]
660.17
-758.0
CHNL# 550: [954L Q]
1015.7
-787.5
CHNL# 548: [9L20 Q]
681.57
-588.8
CHNL# 546: [398L Q]
266.51
-330.0
BRANCH Q
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_01_749L_KILLARNEY
FILE: Scn6_2028WP_01_749L_Killarney.out
CHNL# 566: [715L Q]
844.70
-751.9
CHNL# 572: [679L Q]
65.374
-55.93
CHNL# 564: [680L Q]
65.374
-55.93
CHNL# 562: [948L Q]
112.16
-290.7
CHNL# 560: [7L224 Q]
15.708
-151.1
CHNL# 558: [748L Q]
58.187
-40.35
BRANCH Q
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_01_749L_KILLARNEY
FILE: Scn6_2028WP_01_749L_Killarney.out
CHNL# 555: [885L P]
892.55
-518.5
CHNL# 553: [9L27 P]
462.66
-825.4
CHNL# 551: [9L966 P]
762.67
-259.4
CHNL# 549: [954L P]
328.69
-249.0
CHNL# 547: [9L20 P]
246.53
-852.4
CHNL# 545: [398L P]
68.965
-122.5
BRANCH P
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_01_749L_KILLARNEY
FILE: Scn6_2028WP_01_749L_Killarney.out
CHNL# 565: [715L P]
493.56
-554.0
CHNL# 571: [679L P]
125.54
15.157
CHNL# 563: [680L P]
125.54
15.157
CHNL# 561: [948L P]
285.31
-28.86
CHNL# 559: [7L224 P]
-14.60
-157.7
CHNL# 557: [748L P]
39.943
-75.97
BRANCH P
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_01_749L_KILLARNEY

FILE: Scn6_2028WP_01_749L_Killarney.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16_Q] 402.01 -339.4
CHNL# 576: [9L59_Q] 79.666 -59.41
CHNL# 574: [953L_Q] 370.67 -393.8
CHNL# 570: [1047L_Q] 360.22 -340.0
CHNL# 568: [749L_Q] 1013.4 -379.7

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_02_749L_METISKOW

FILE: Scn6_2028WP_02_749L_Metiskow.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563052[EASTERV_G2 0.6900]G2] 1.3303 -0.0832
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3] 1.3297 -0.0269
CHNL# 191: [POWR 1497[BAT #5 21.000]G5] 0.93340 -1.240
CHNL# 190: [POWR 1496[BAT #4 16.000]4] 0.20000 -0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2] 2.5899 0.86590
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1] 2.4980 0.79590

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_01_749L_KILLARNEY

FILE: Scn6_2028WP_01_749L_Killarney.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P] 90.534 -189.0
CHNL# 575: [9L59_P] 302.39 172.70
CHNL# 573: [953L_P] 482.49 -57.21
CHNL# 569: [1047L_P] -28.04 -681.7
CHNL# 567: [749L_P] 507.50 -169.2

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_02_749L_METISKOW

FILE: Scn6_2028WP_02_749L_Metiskow.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5] 9.2415 -95.90
CHNL# 16: [ANGL 1496[BAT #4 16.000]4] 50.000 -50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2] 48.727 -58.70
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1] 46.458 -61.39

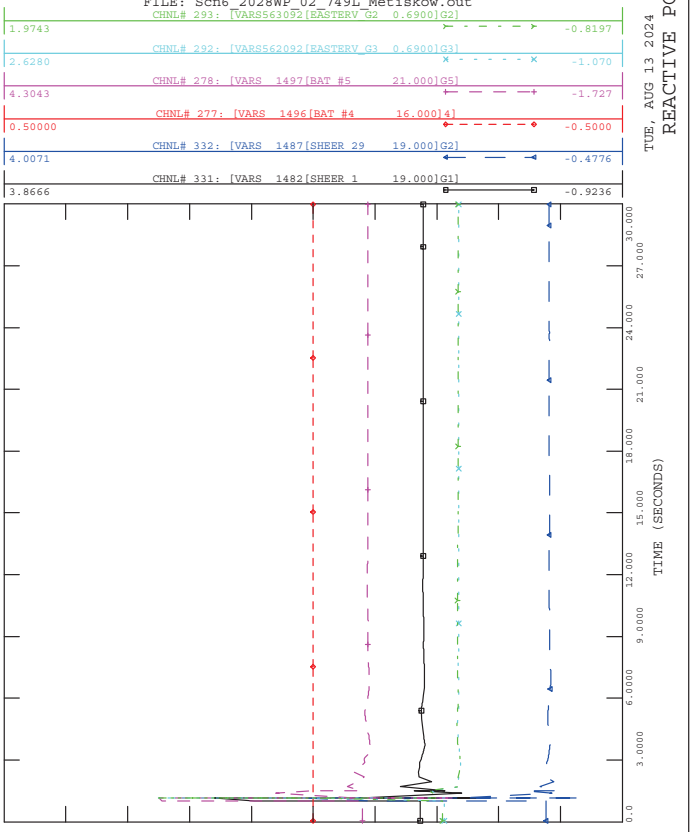
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_02_749L_METISKOW

FILE: Scn6_2028WP_02_749L_Metiskow.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

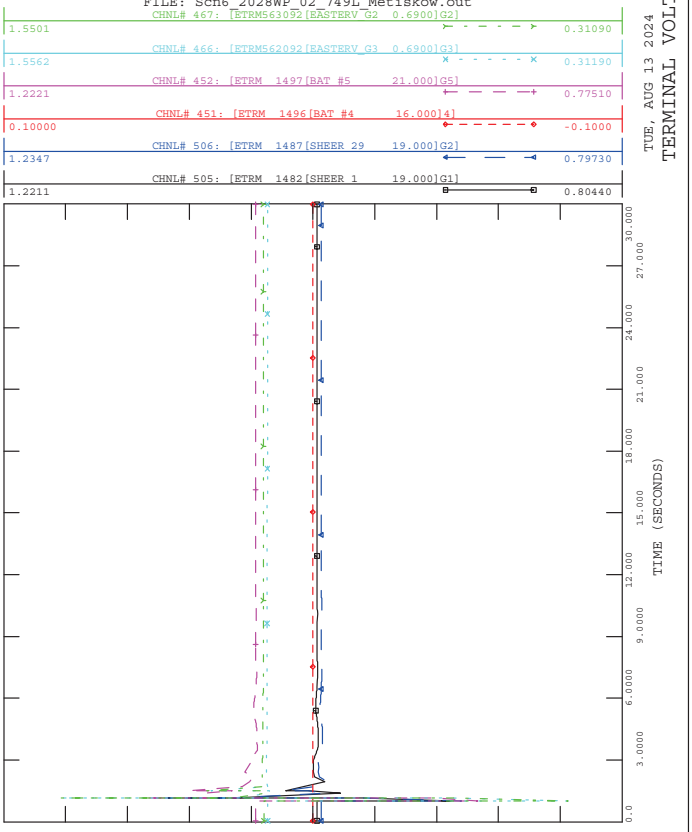


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_02_749L_METISKOW

FILE: Scn6_2028WP_02_749L_Metiskow.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

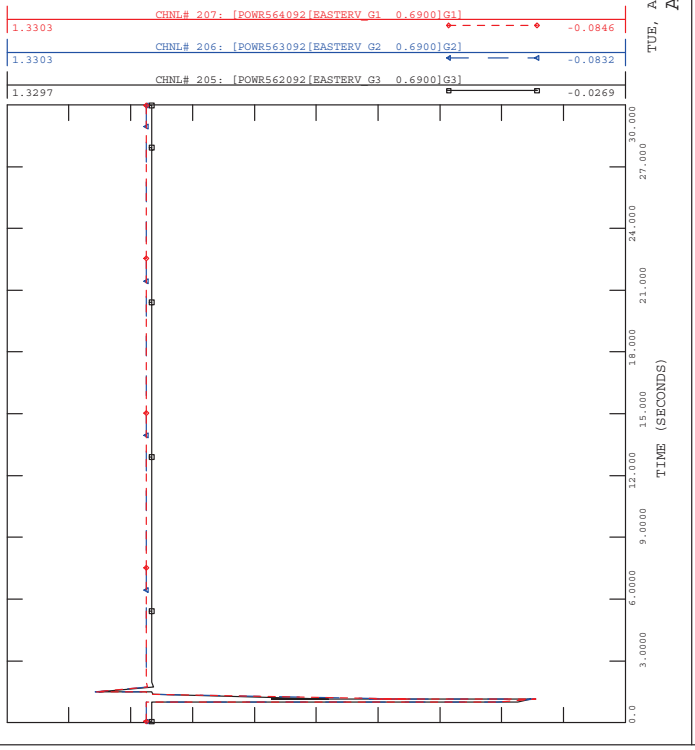


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_02_749L_METISKOW

FILE: Scn6_2028WP_02_749L_Metiskow.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

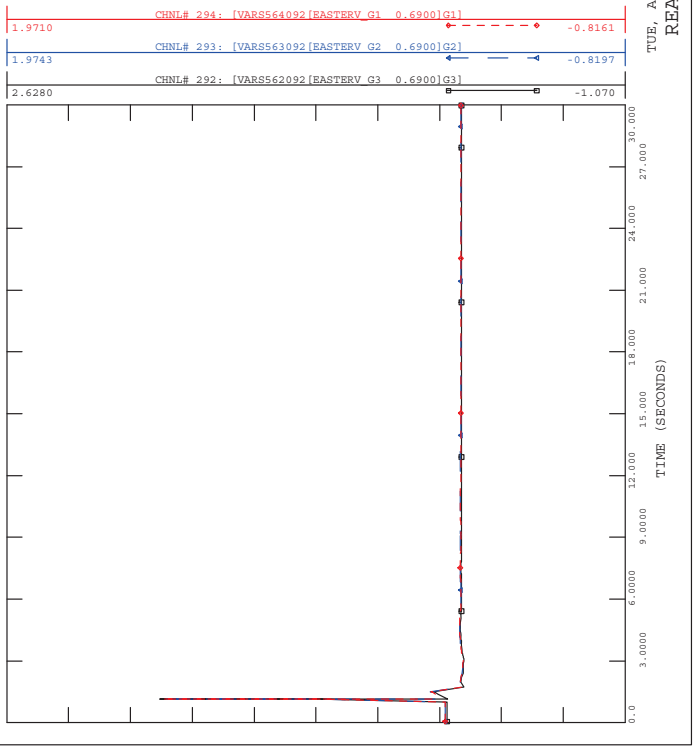


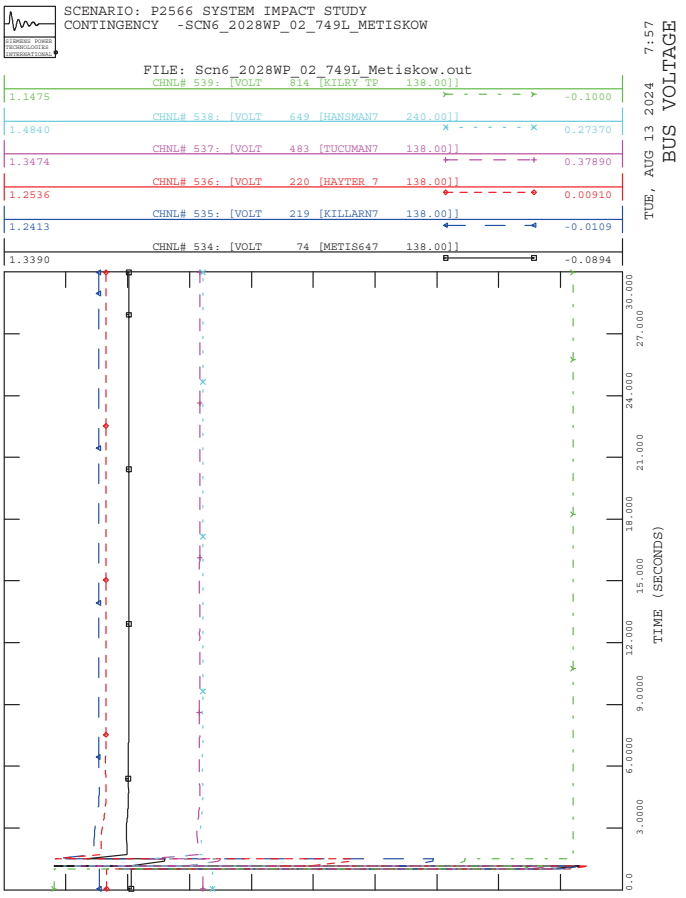
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_02_749L_METISKOW

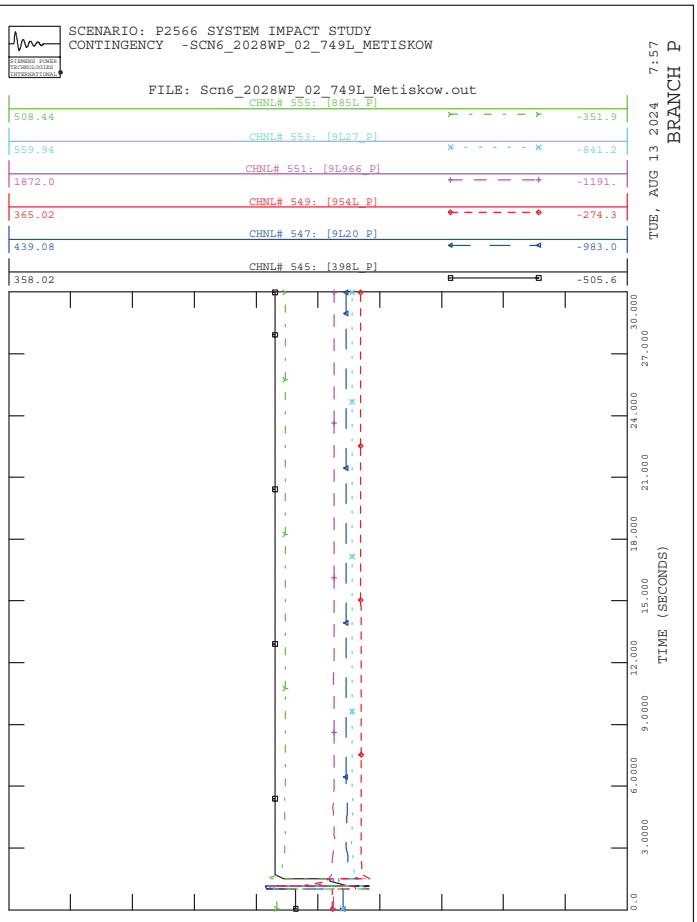
FILE: Scn6_2028WP_02_749L_Metiskow.out

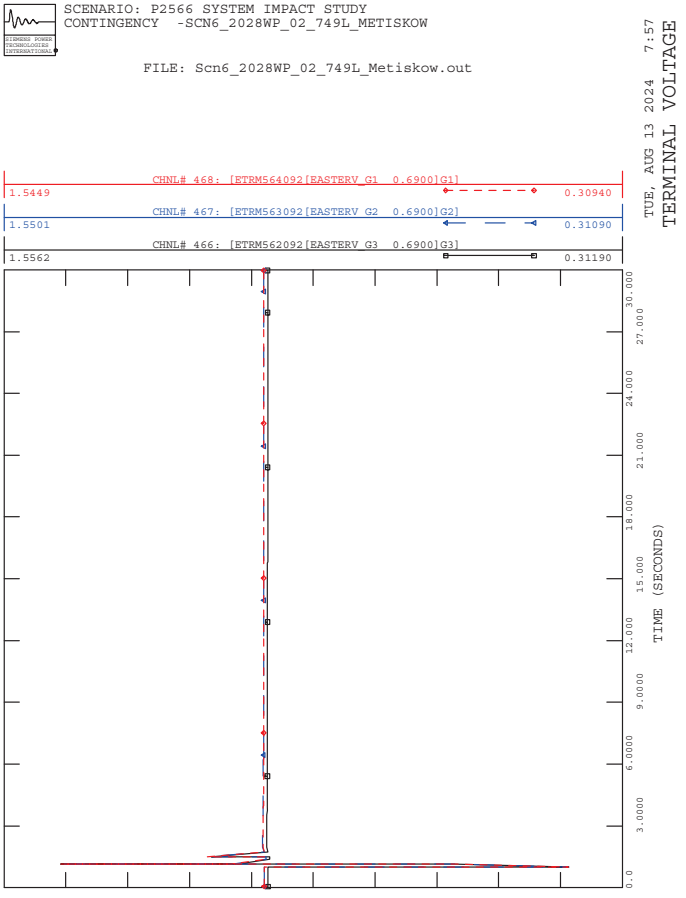
TUE, AUG 13 2024 7:57

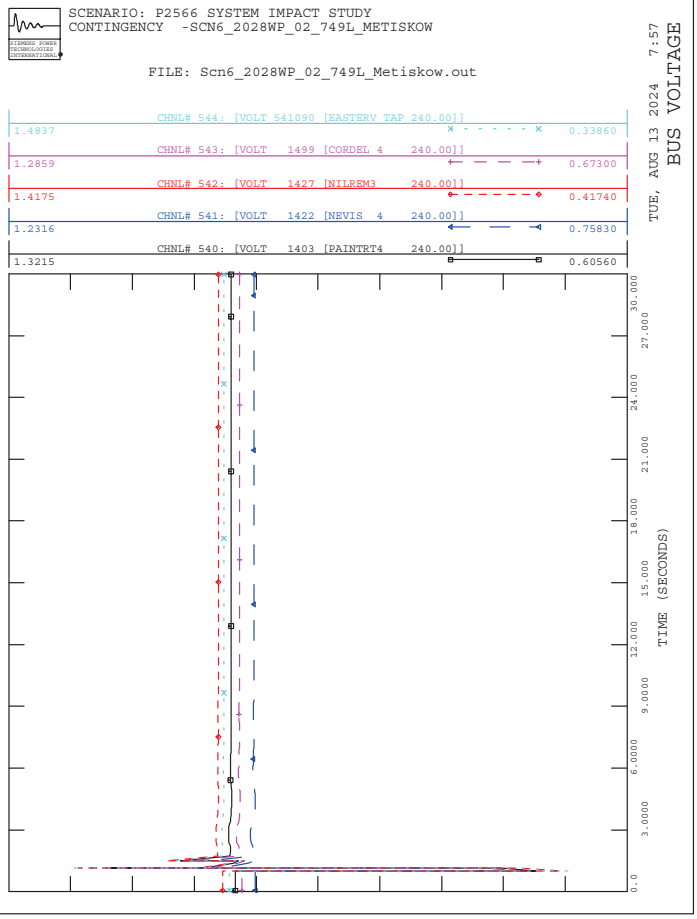
REACTIVE POWER

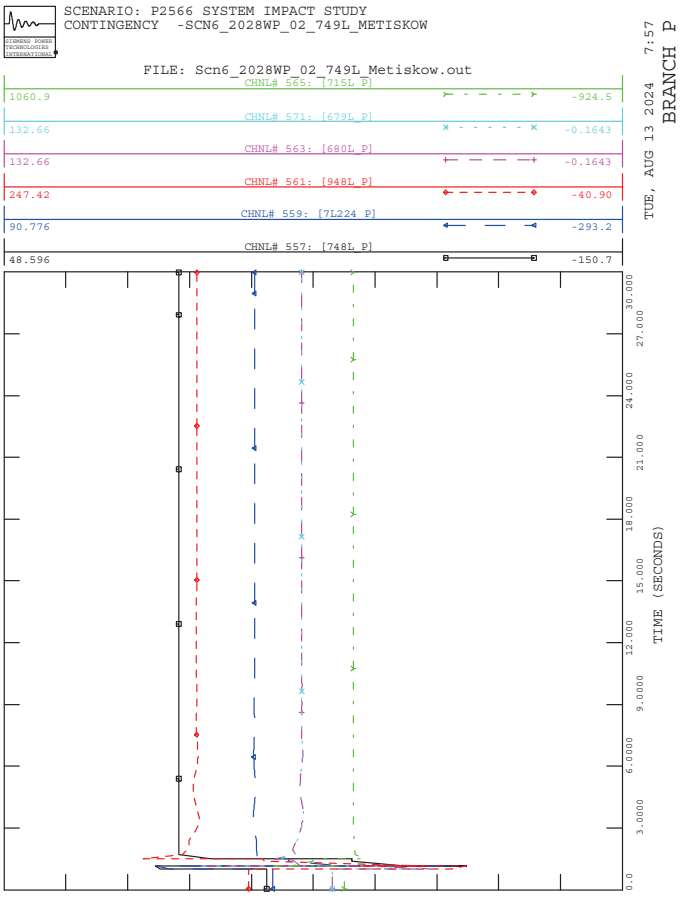


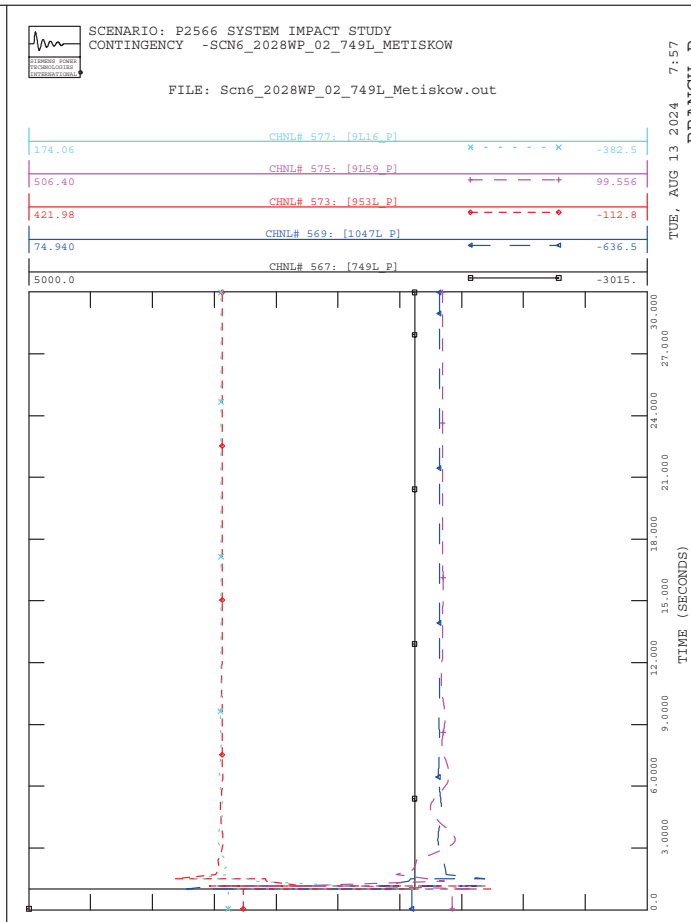

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_02_749L_METISKOW
FILE: Scn6_2028WP_02_749L_Metiskow.out
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.1475 -0.1000
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4840 0.27370
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3474 0.37890
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.2536 0.00910
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.2413 -0.0109
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.3390 -0.0894
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

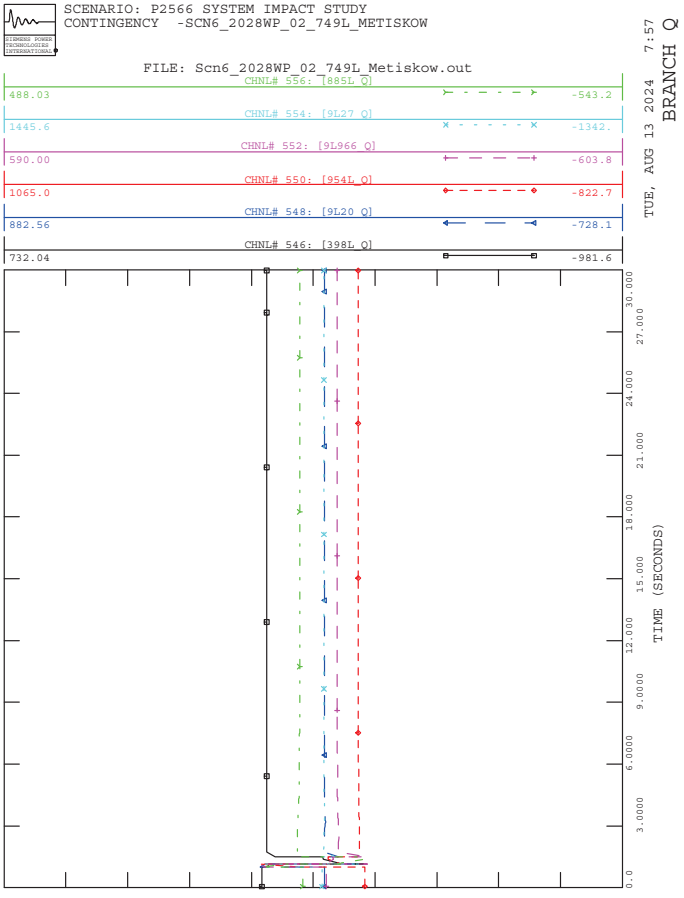

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_02_749L_METISKOW
FILE: Scn6_2028WP_02_749L_Metiskow.out
CHNL# 555: [885L P]
508.44 -351.9
CHNL# 553: [9L27 P]
559.94 -841.2
CHNL# 551: [9L966 P]
1872.0 -1191.
CHNL# 549: [954L P]
365.02 -274.3
CHNL# 547: [9L20 P]
439.08 -983.0
CHNL# 545: [398L P]
358.02 -505.6
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

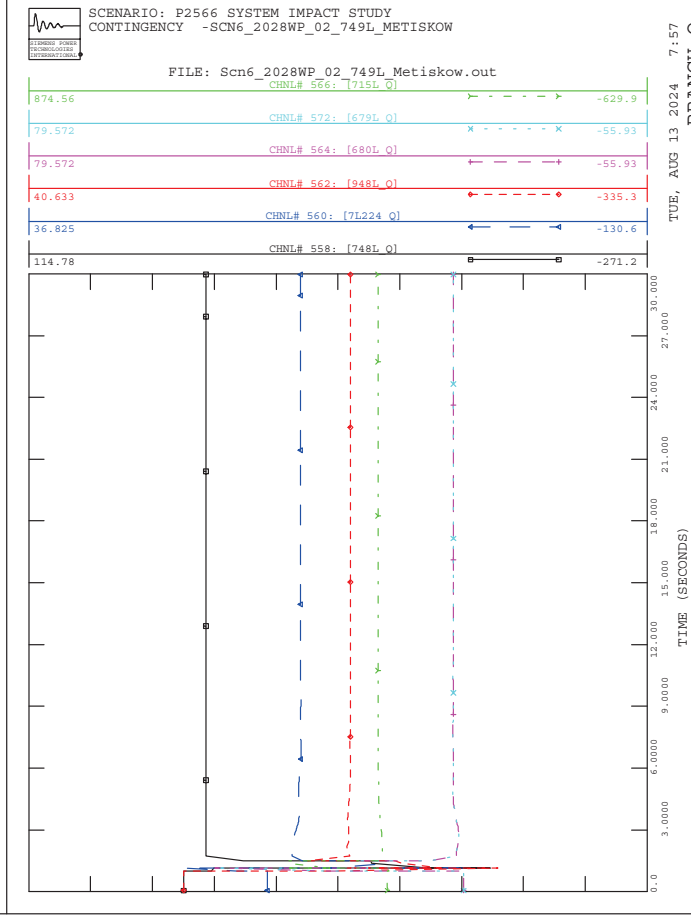

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_02_749L_METISKOW
FILE: Scn6_2028WP_02_749L_Metiskow.out
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.5449 0.30940
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5501 0.31090
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5562 0.31190
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_02_749L_METISKOW
FILE: Scn6_2028WP_02_749L_Metiskow.out
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.4837 0.33860
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2859 0.67300
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4175 0.41740
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2316 0.75830
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3215 0.60560
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_02_749L_METISKOW
FILE: Scn6_2028WP_02_749L_Metiskow.out
CHNL# 565: [715L P]
1060.9
-924.5
CHNL# 571: [679L P]
132.66
-0.1643
CHNL# 563: [680L P]
132.66
-0.1643
CHNL# 561: [948L P]
247.42
-40.90
CHNL# 559: [7L224 P]
90.776
-293.2
CHNL# 557: [748L P]
48.596
-150.7
TIME (SECONDS)
BRANCH P
TUE, AUG 13 2024 7:57


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_02_749L_METISKOW
FILE: Scn6_2028WP_02_749L_Metiskow.out
CHNL# 577: [9L16 P]
174.06
-382.5
CHNL# 575: [9L59 P]
506.40
99.556
CHNL# 573: [953L P]
421.98
-112.8
CHNL# 569: [1047L P]
74.940
-636.5
CHNL# 567: [749L P]
5000.0
-3015.
TIME (SECONDS)
BRANCH P
TUE, AUG 13 2024 7:57


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_02_749L_METISKOW
FILE: Scn6_2028WP_02_749L_Metiskow.out
CHNL# 556: [885L Q]
488.03
-543.2
CHNL# 554: [9L27 Q]
1445.6
-1342.
CHNL# 552: [9L966 Q]
590.00
-603.8
CHNL# 550: [954L Q]
1065.0
-822.7
CHNL# 548: [9L20 Q]
882.56
-728.1
CHNL# 546: [398L Q]
732.04
-981.6
TIME (SECONDS)
BRANCH Q
TUE, AUG 13 2024 7:57


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_02_749L_METISKOW
FILE: Scn6_2028WP_02_749L_Metiskow.out
CHNL# 576: [715L Q]
874.56
-629.9
CHNL# 572: [679L Q]
79.572
-55.93
CHNL# 564: [680L Q]
79.572
-55.93
CHNL# 562: [948L Q]
40.633
-335.3
CHNL# 560: [7L224 Q]
36.825
-130.6
CHNL# 558: [748L Q]
114.78
-271.2
TIME (SECONDS)
BRANCH Q
TUE, AUG 13 2024 7:57

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_03_749L_EDGERTON

FILE: Scn6_2028WP_03_749L_Edgerton.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5] 9.8279 -97.39
CHNL# 16: [ANGL 1496[BAT #4 16.000]4] 50.000 -50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2] 47.908 -58.40
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1] 45.161 -60.88

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_03_749L_EDGERTON

FILE: Scn6_2028WP_03_749L_Edgerton.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1] 1.4786 0.57990
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2] 1.4788 0.57980
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3] 1.4773 0.58090

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_02_749L_METISKOW

FILE: Scn6_2028WP_02_749L_Metiskow.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16 Q] 515.97 -563.9
CHNL# 576: [9L59 Q] 169.45 -82.78
CHNL# 574: [953L Q] 472.52 -480.9
CHNL# 570: [1047L Q] 474.45 -583.8
CHNL# 568: [749L Q] 1555.0 -4665.

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_03_749L_EDGERTON

FILE: Scn6_2028WP_03_749L_Edgerton.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2] 1.4788 0.57980
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3] 1.4773 0.58090
CHNL# 191: [POWR 1497[BAT #5 21.000]G5] 0.54240 -0.8331
CHNL# 190: [POWR 1496[BAT #4 16.000]4] 0.20000 -0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2] 1.7245 1.0578
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1] 1.7469 1.0508

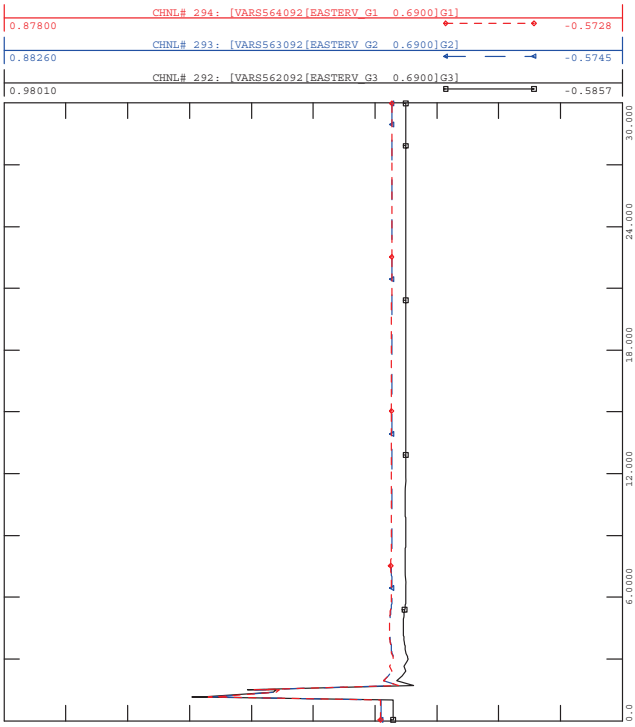
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_03_749L_EDGERTON

FILE: Scn6_2028WP_03_749L_Edgerton.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

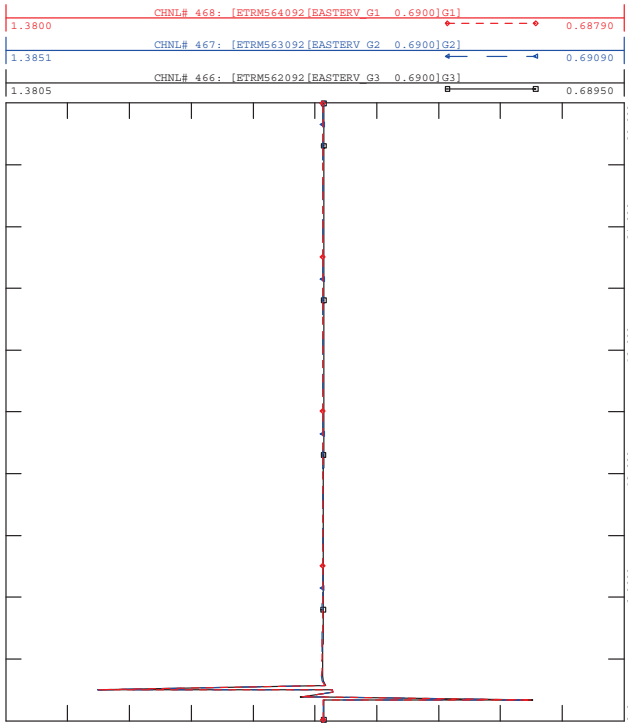


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_03_749L_EDGERTON

FILE: Scn6_2028WP_03_749L_Edgerton.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

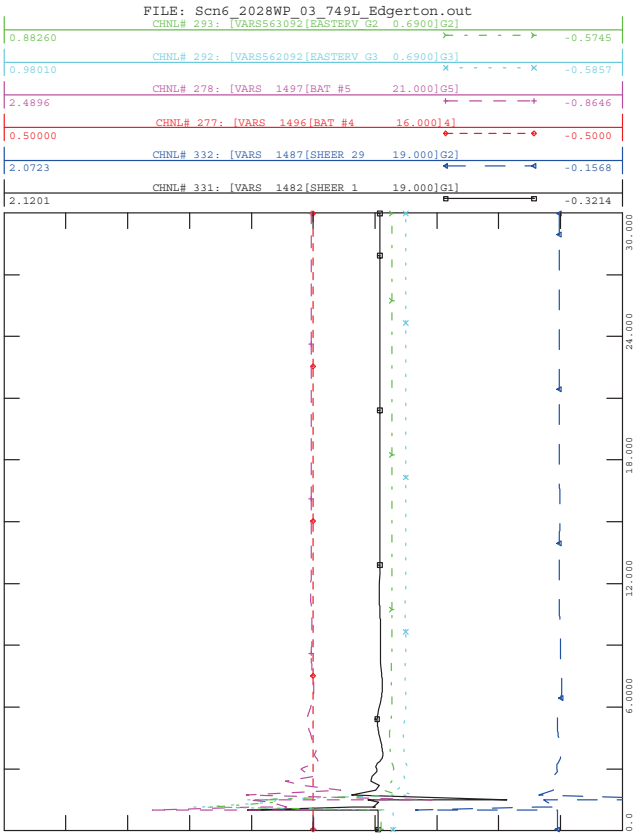


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_03_749L_EDGERTON

FILE: Scn6_2028WP_03_749L_Edgerton.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

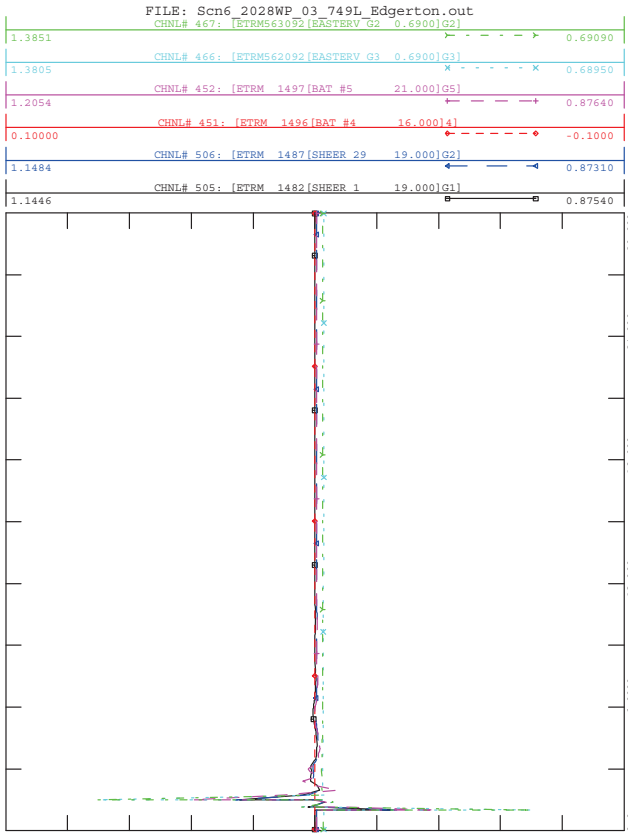


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_03_749L_EDGERTON

FILE: Scn6_2028WP_03_749L_Edgerton.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE



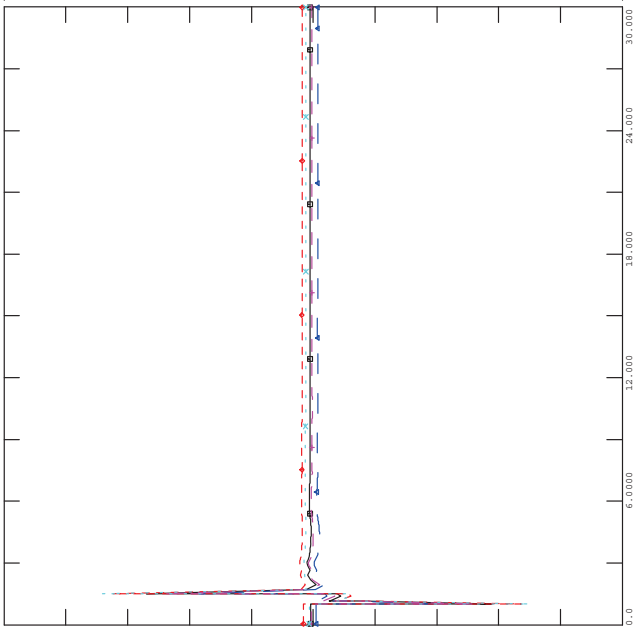
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_03_749L_EDGERTON

FILE: Scn6_2028WP_03_749L_Edgerton.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.4098 0.73110
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2608 0.84650
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3670 0.75690
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2149 0.87390
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2907 0.82390



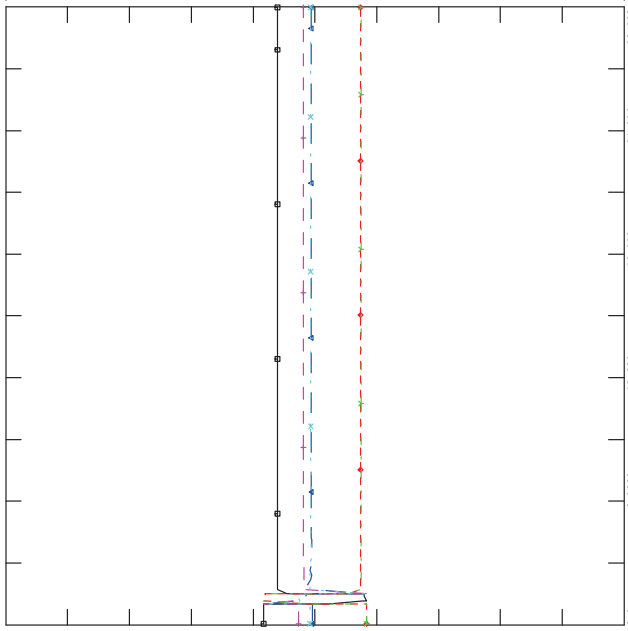
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_03_749L_EDGERTON

FILE: Scn6_2028WP_03_749L_Edgerton.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L Q]
674.59 -499.7
CHNL# 554: [9L27 Q]
824.18 -823.8
CHNL# 552: [9L966 Q]
633.36 -770.9
CHNL# 550: [954L Q]
825.22 -651.4
CHNL# 548: [9L20 Q]
527.40 -439.6
CHNL# 546: [398L Q]
264.23 -326.8



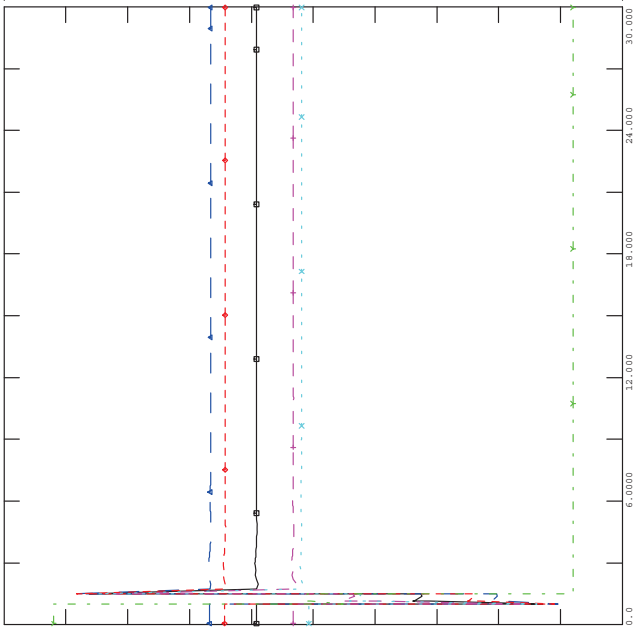
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_03_749L_EDGERTON

FILE: Scn6_2028WP_03_749L_Edgerton.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.1474 -0.1000
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4324 0.70960
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3168 0.71620
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.3710 0.46250
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.3665 0.40910
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.3634 0.58220



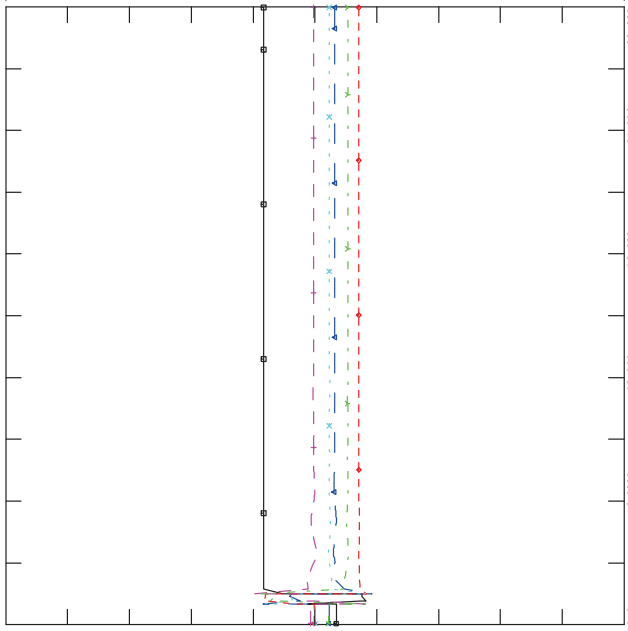
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_03_749L_EDGERTON

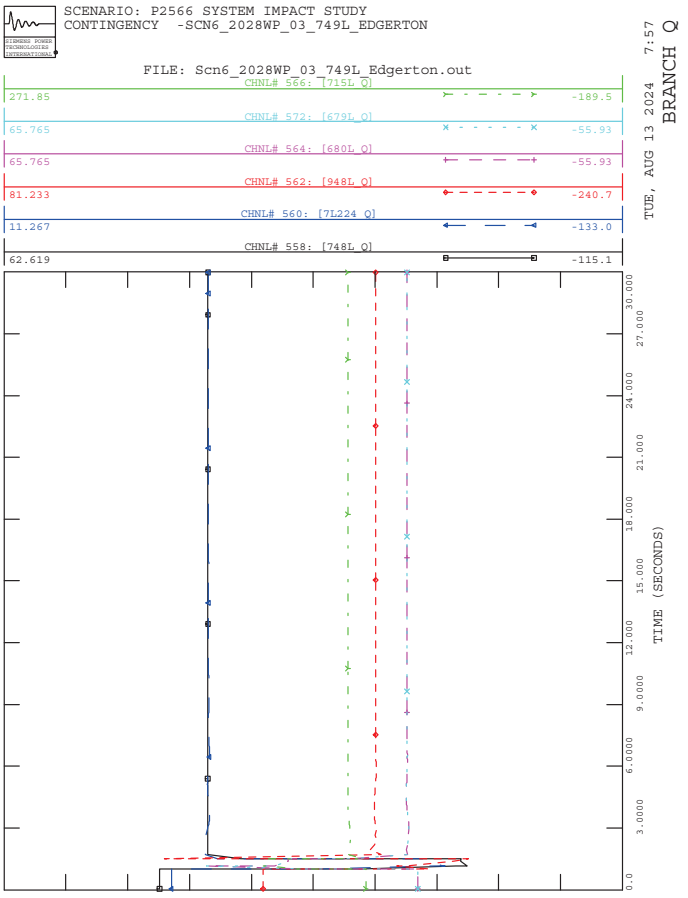
FILE: Scn6_2028WP_03_749L_Edgerton.out

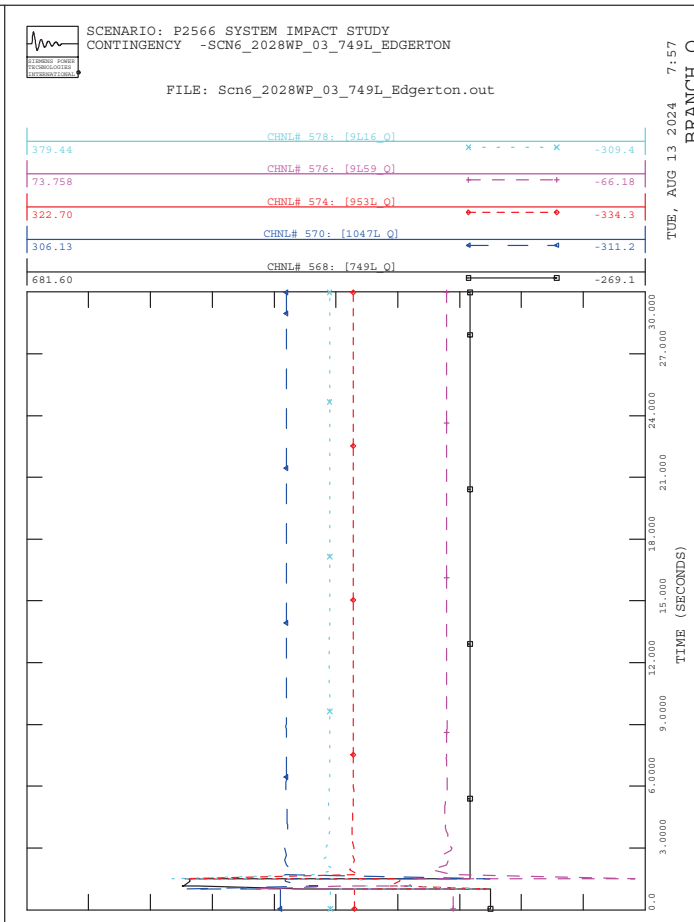
TUE, AUG 13 2024 7:57

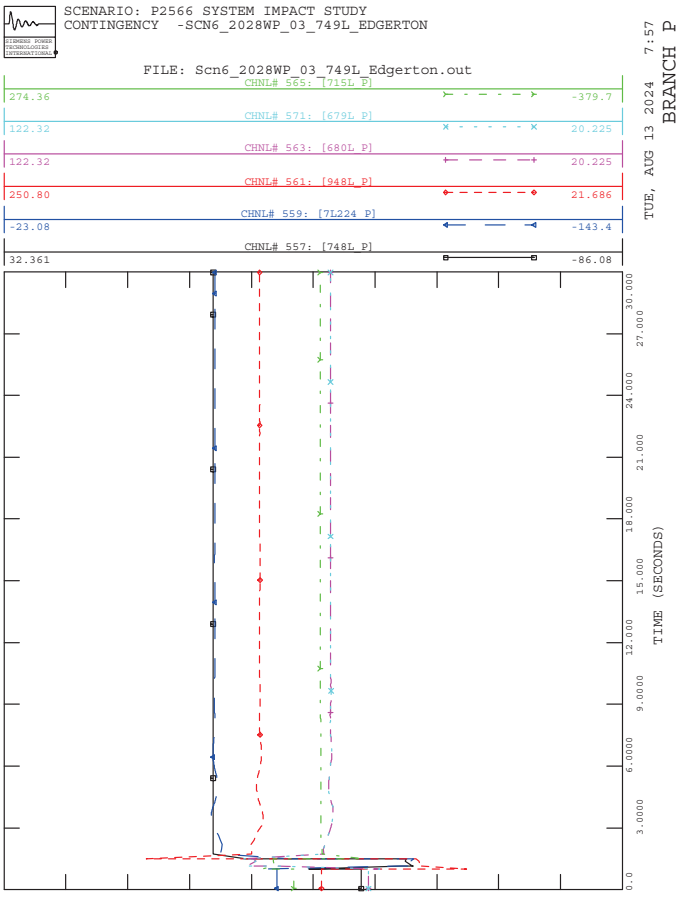
BRANCH P

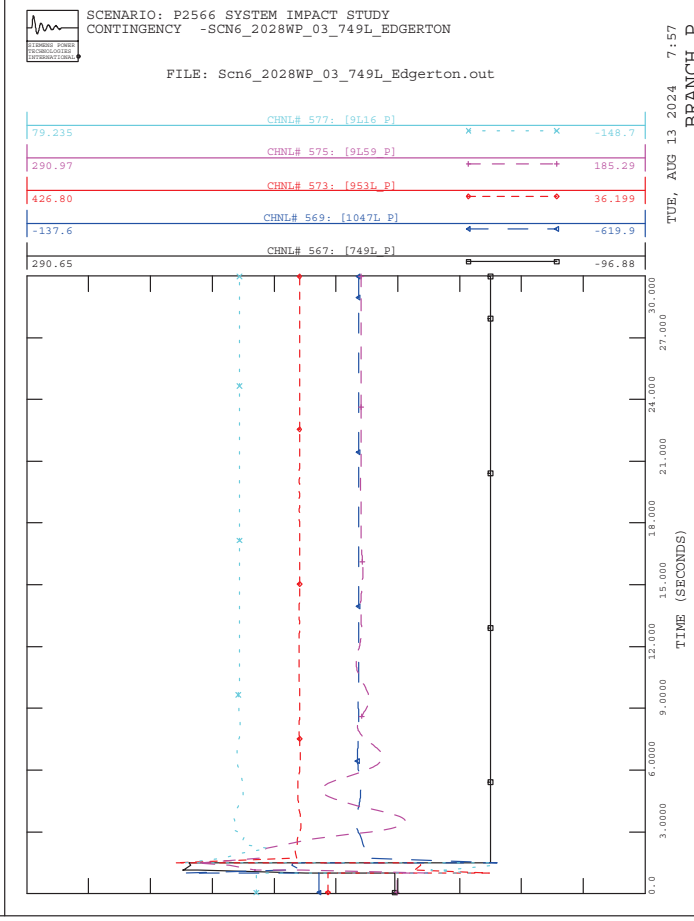
CHNL# 555: [885L P]
341.82 -53.43
CHNL# 553: [9L27 P]
254.32 -645.5
CHNL# 551: [9L966 P]
622.99 -107.5
CHNL# 549: [954L P]
232.82 -173.0
CHNL# 547: [9L20 P]
36.910 -664.3
CHNL# 545: [398L P]
87.626 -156.4

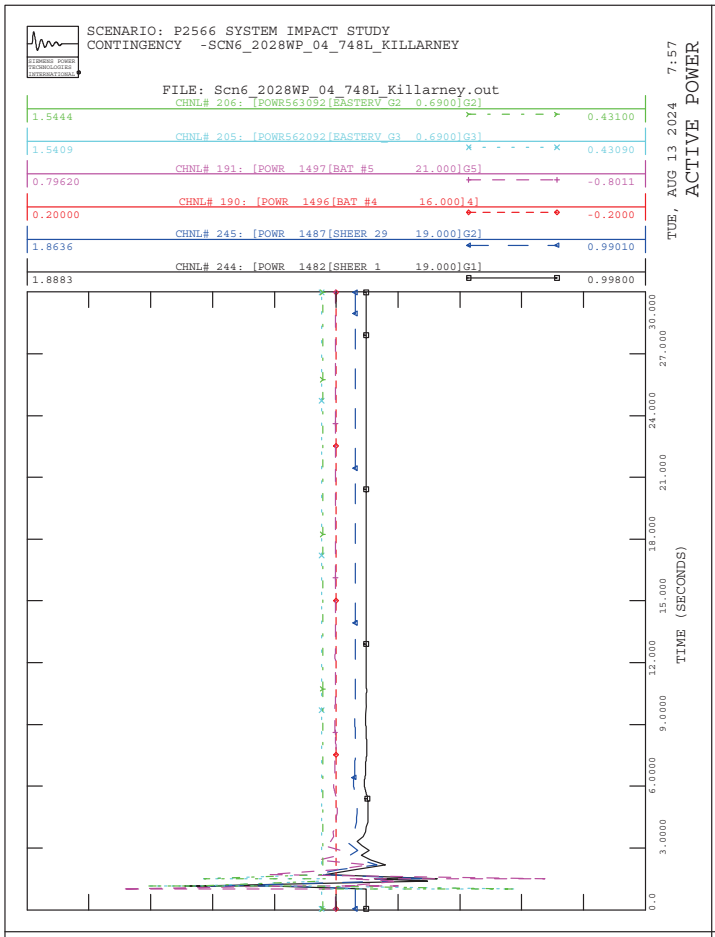


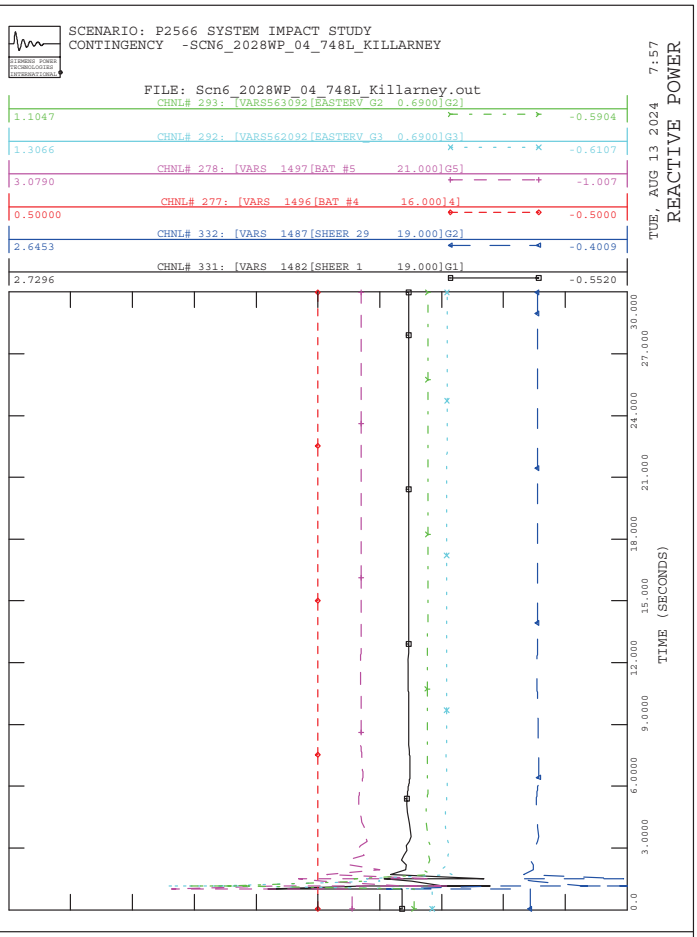

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_03_749L_EDGERTON
FILE: Scn6_2028WP_03_749L_Edgerton.out
CHNL# 566: [715L Q]
271.85
-189.5
CHNL# 572: [679L Q]
65.765
-55.93
CHNL# 564: [680L Q]
65.765
-55.93
CHNL# 562: [948L Q]
81.233
-240.7
CHNL# 560: [7L224 Q]
11.267
-133.0
CHNL# 558: [748L Q]
62.619
-115.1
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

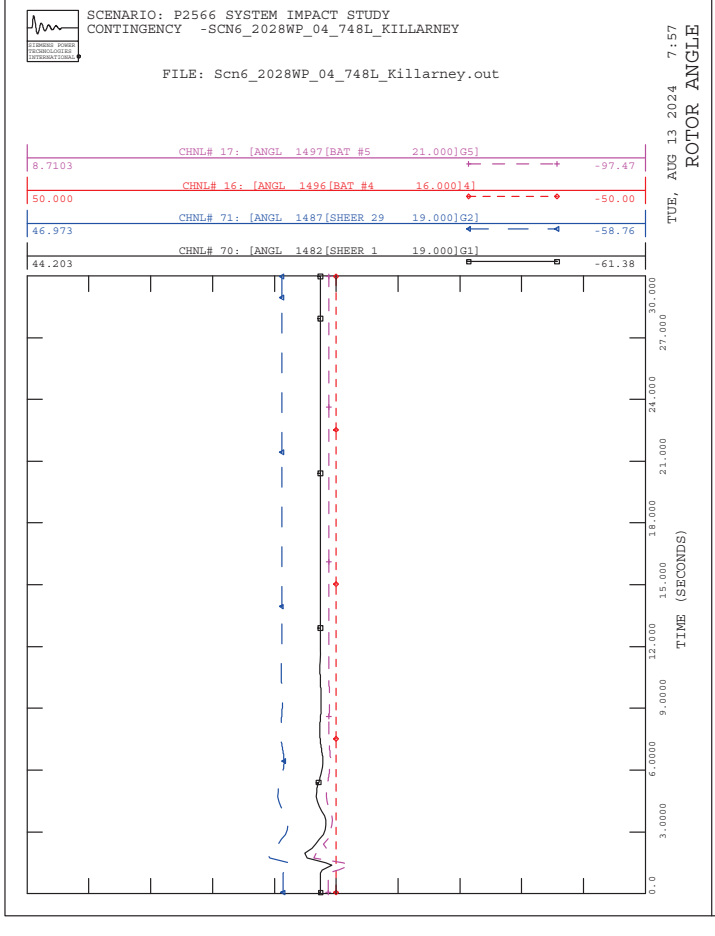

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_03_749L_EDGERTON
FILE: Scn6_2028WP_03_749L_Edgerton.out
CHNL# 578: [9L16 Q]
379.44
-309.4
CHNL# 576: [9L59 Q]
73.758
-66.18
CHNL# 574: [953L Q]
322.70
-334.3
CHNL# 570: [1047L Q]
306.13
-311.2
CHNL# 568: [749L Q]
681.60
-269.1
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

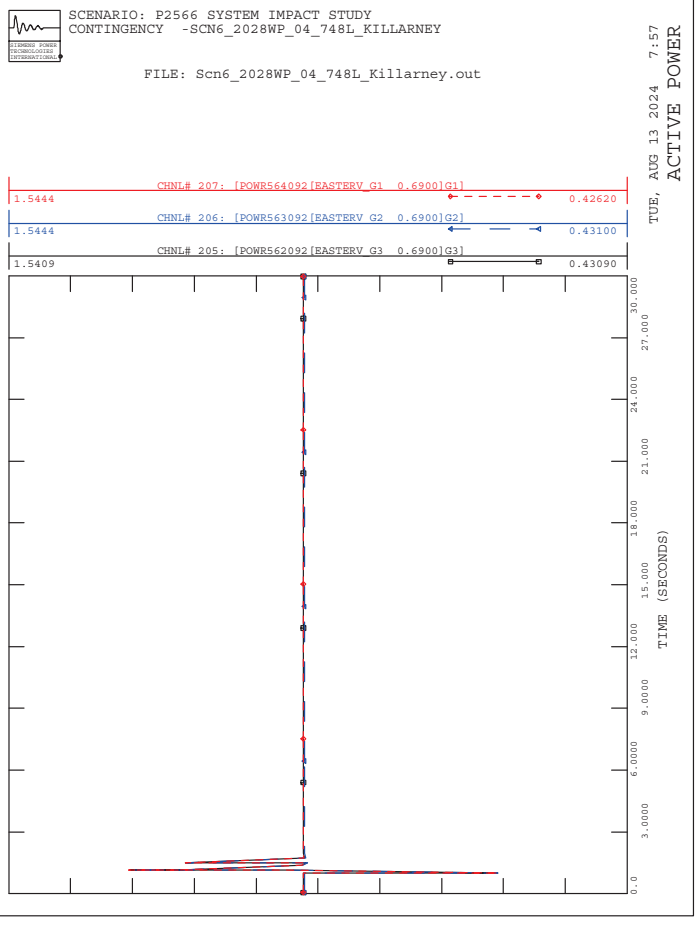

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_03_749L_EDGERTON
FILE: Scn6_2028WP_03_749L_Edgerton.out
CHNL# 565: [715L P]
274.36
-379.7
CHNL# 571: [679L P]
122.32
20.225
CHNL# 563: [680L P]
122.32
20.225
CHNL# 561: [948L P]
250.80
21.686
CHNL# 559: [7L224 P]
-23.08
-143.4
CHNL# 557: [748L P]
32.361
-86.08
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

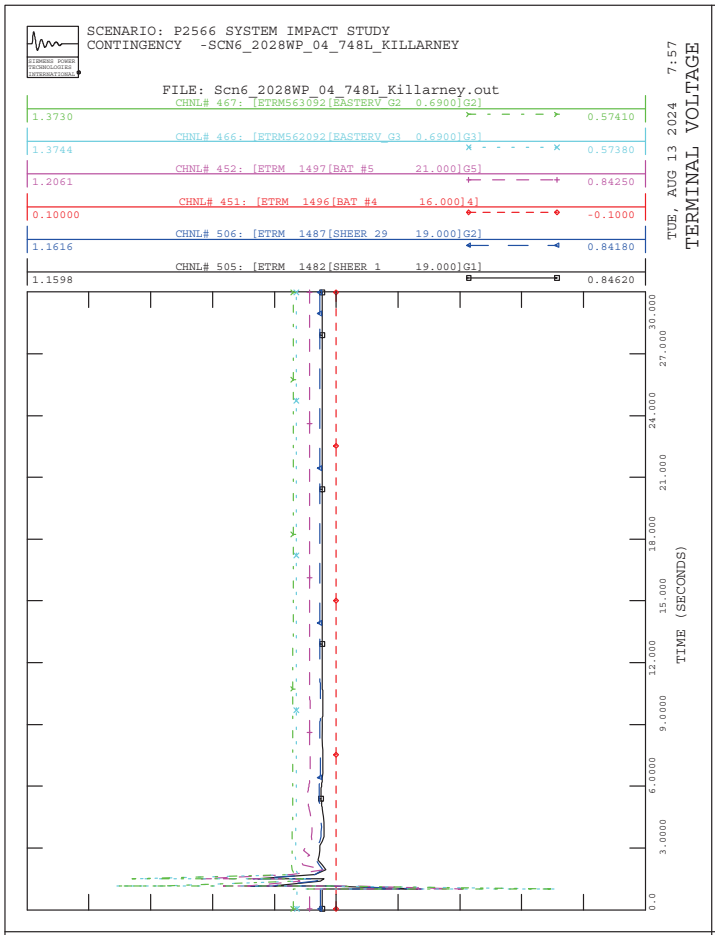

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_03_749L_EDGERTON
FILE: Scn6_2028WP_03_749L_Edgerton.out
CHNL# 577: [9L16 P]
79.235
-148.7
CHNL# 575: [9L59 P]
290.97
185.29
CHNL# 573: [953L P]
426.80
36.199
CHNL# 569: [1047L P]
-137.6
-619.9
CHNL# 567: [749L P]
290.65
-96.88
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
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6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

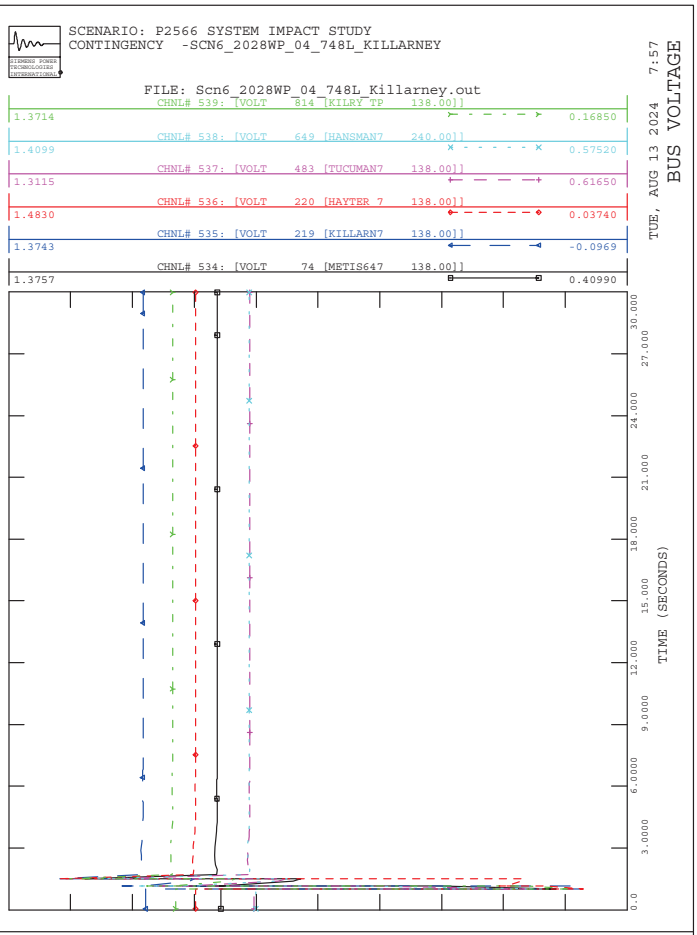

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_04_748L_KILLARNEY
FILE: Scn6_2028WP_04_748L_Killarney.out
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.5444
0.43100
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.5409
0.43090
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
0.79620
-0.8011
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000
-0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
1.8636
0.99010
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
1.8883
0.99800
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
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3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

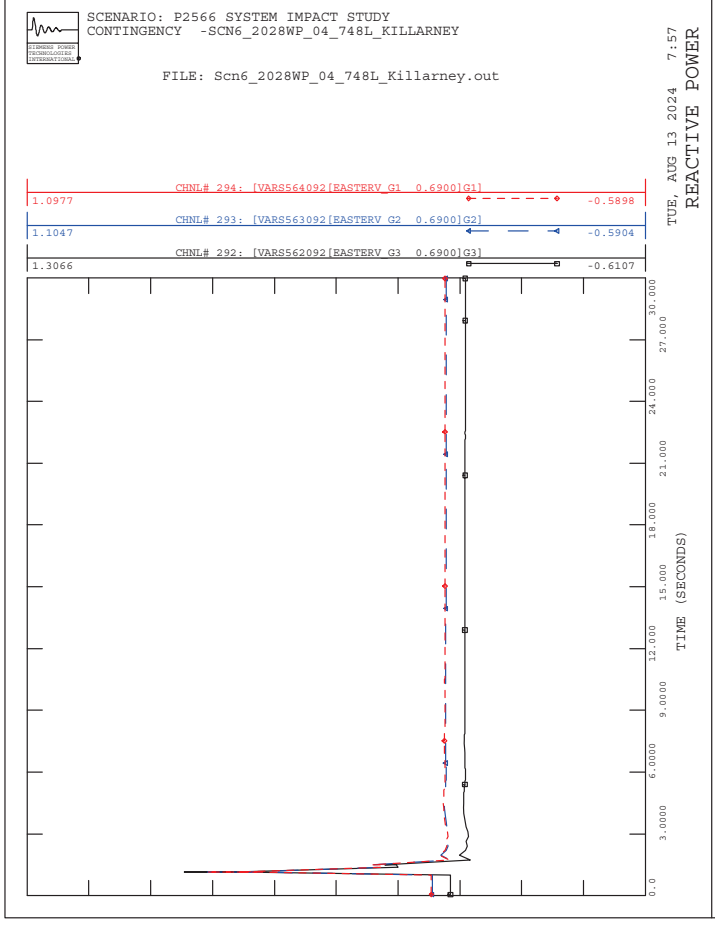

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_04_748L_KILLARNEY
FILE: Scn6_2028WP_04_748L_Killarney.out
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.1047
-0.5904
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.3066
-0.6107
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
3.0790
-1.007
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000
-0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
2.6453
-0.4009
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
2.7296
-0.5520
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
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3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

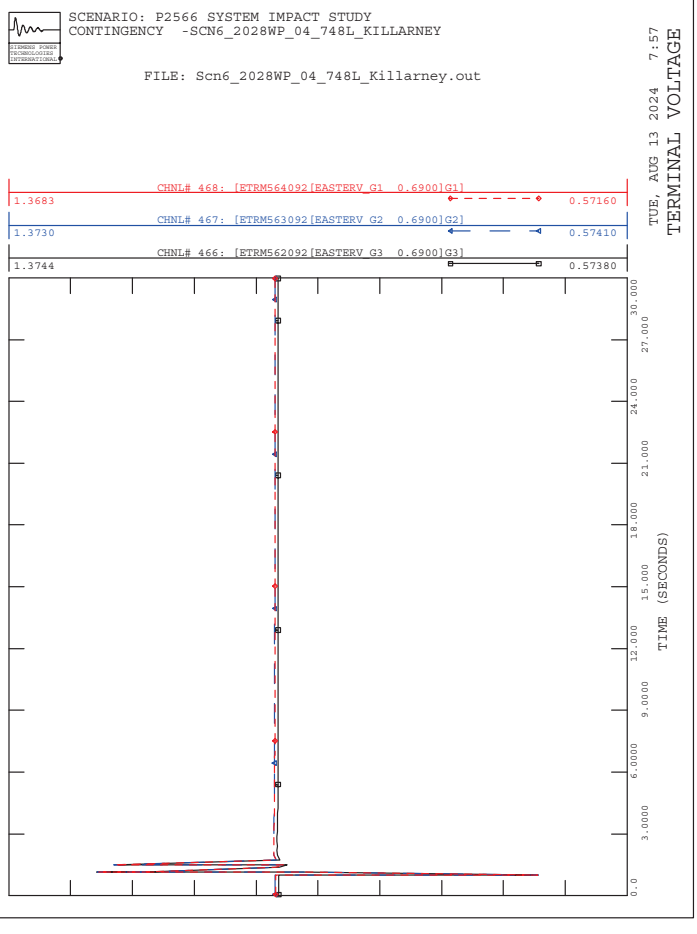

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_04_748L_KILLARNEY
FILE: Scn6_2028WP_04_748L_Killarney.out
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
8.7103
-97.47
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000
-50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
46.973
-58.76
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
44.203
-61.38
TUE, AUG 13 2024 7:57
ROTOR ANGLE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

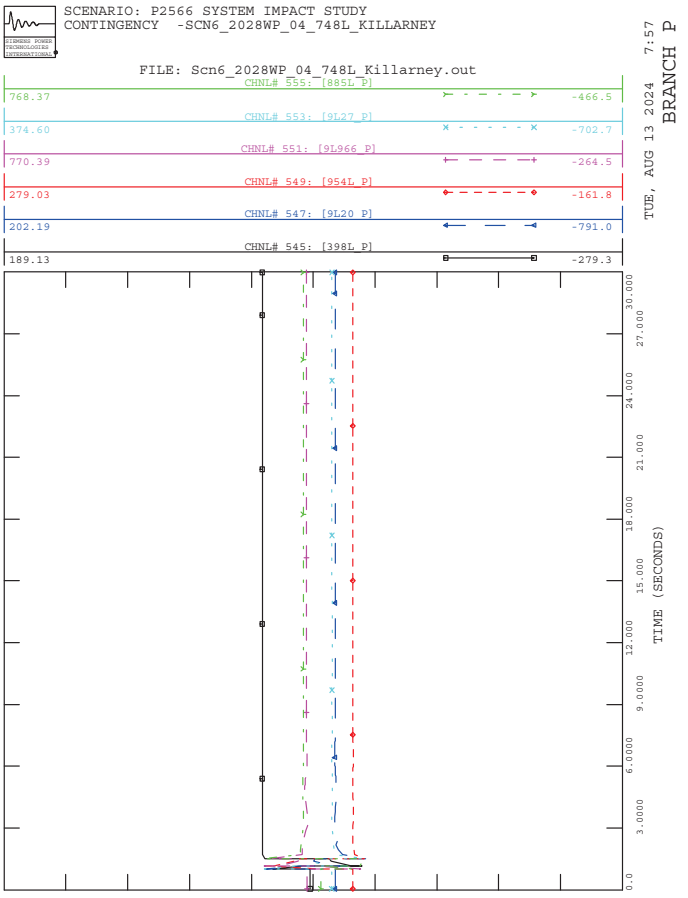

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_04_748L_KILLARNEY
FILE: Scn6_2028WP_04_748L_Killarney.out
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.5444
0.42620
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.5444
0.43100
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.5409
0.43090
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

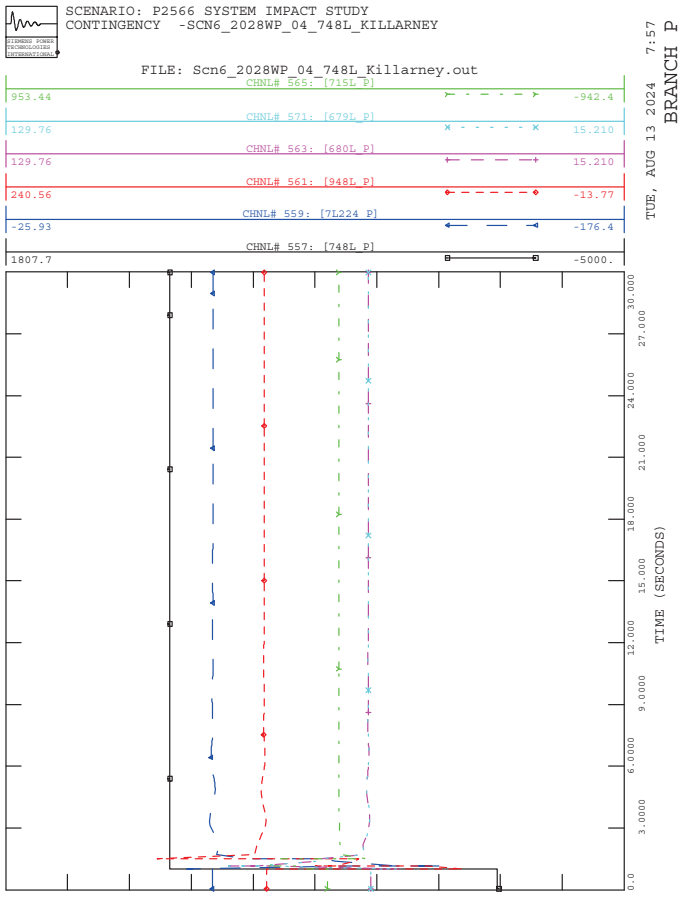

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_04_748L_KILLARNEY
FILE: Scn6_2028WP_04_748L_Killarney.out
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3730
0.57410
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3744
0.57380
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2061
0.84250
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000
-0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1616
0.84180
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1598
0.84620
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

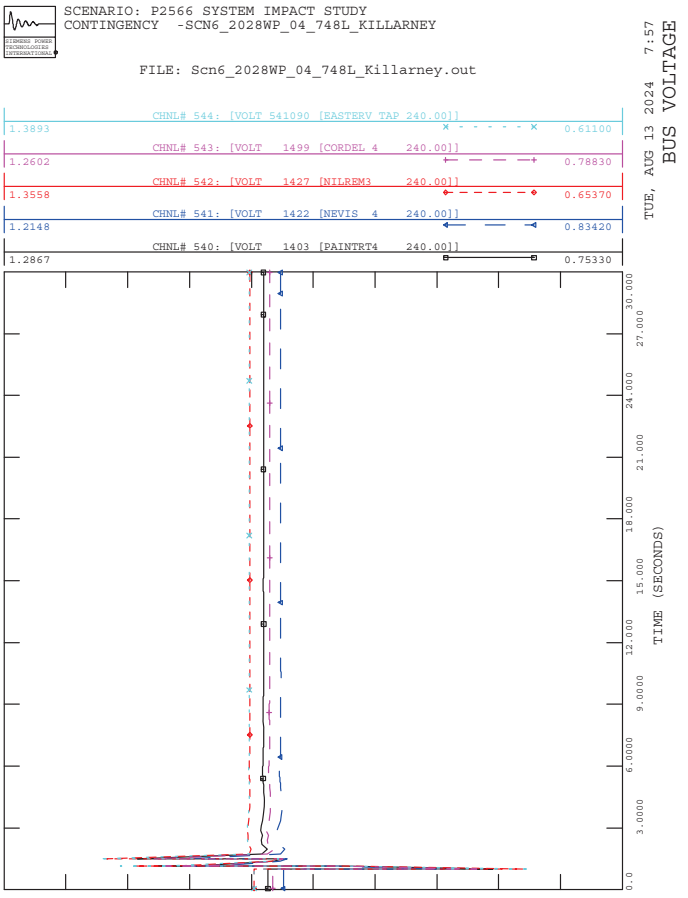

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_04_748L_KILLARNEY
FILE: Scn6_2028WP_04_748L_Killarney.out
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.3714
0.16850
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4099
0.57520
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3115
0.61650
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4830
0.03740
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.3743
-0.0969
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.3757
0.40990
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

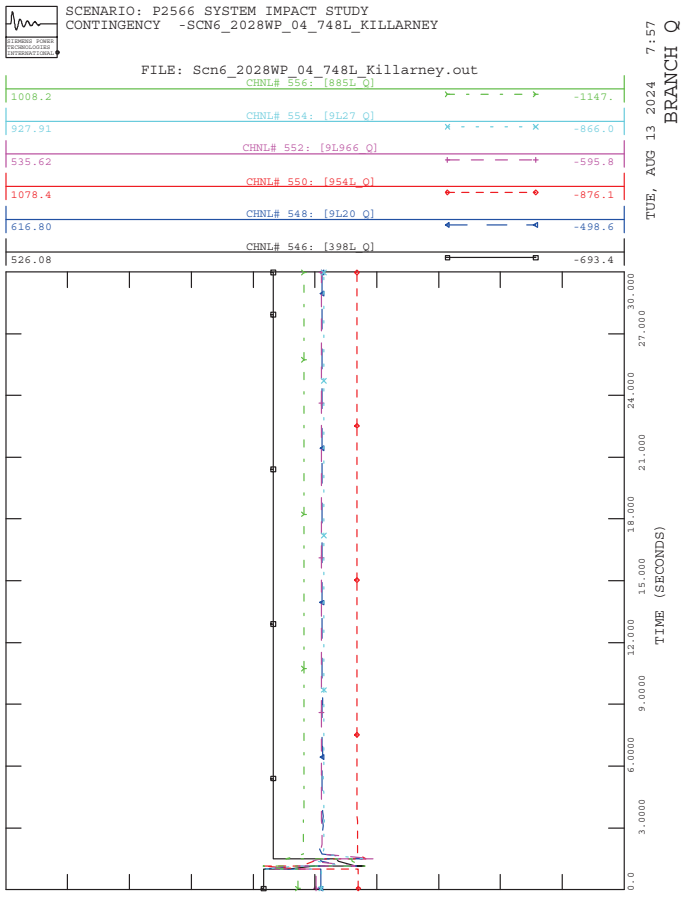

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_04_748L_KILLARNEY
FILE: Scn6_2028WP_04_748L_Killarney.out
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.0977
-0.5898
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.1047
-0.5904
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.3066
-0.6107
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_04_748L_KILLARNEY
FILE: Scn6_2028WP_04_748L_Killarney.out
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.3683
0.57160
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3730
0.57410
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3744
0.57380
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_04_748L_KILLARNEY
FILE: Scn6_2028WP_04_748L_Killarney.out
CHNL# 555: [885L P]
768.37
-466.5
CHNL# 553: [9L27 P]
374.60
-702.7
CHNL# 551: [9L966 P]
770.39
-264.5
CHNL# 549: [954L P]
279.03
-161.8
CHNL# 547: [9L20 P]
202.19
-791.0
CHNL# 545: [398L P]
189.13
-279.3
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_04_748L_KILLARNEY
FILE: Scn6_2028WP_04_748L_Killarney.out
CHNL# 565: [715L P]
953.44
-942.4
CHNL# 571: [679L P]
129.76
15.210
CHNL# 563: [680L P]
129.76
15.210
CHNL# 561: [948L P]
240.56
-13.77
CHNL# 559: [7L224 P]
-25.93
-176.4
CHNL# 557: [748L P]
1807.7
-5000.
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_04_748L_KILLARNEY
FILE: Scn6_2028WP_04_748L_Killarney.out
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.3893
0.61100
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2602
0.78830
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3558
0.65370
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2148
0.83420
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2867
0.75330
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_04_748L_KILLARNEY
FILE: Scn6_2028WP_04_748L_Killarney.out
CHNL# 556: [885L Q]
1008.2
-1147.
CHNL# 554: [9L27 Q]
927.91
-866.0
CHNL# 552: [9L966 Q]
535.62
-595.8
CHNL# 550: [954L Q]
1078.4
-876.1
CHNL# 548: [9L20 Q]
616.80
-498.6
CHNL# 546: [398L Q]
526.08
-693.4
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_04_748L_KILLARNEY

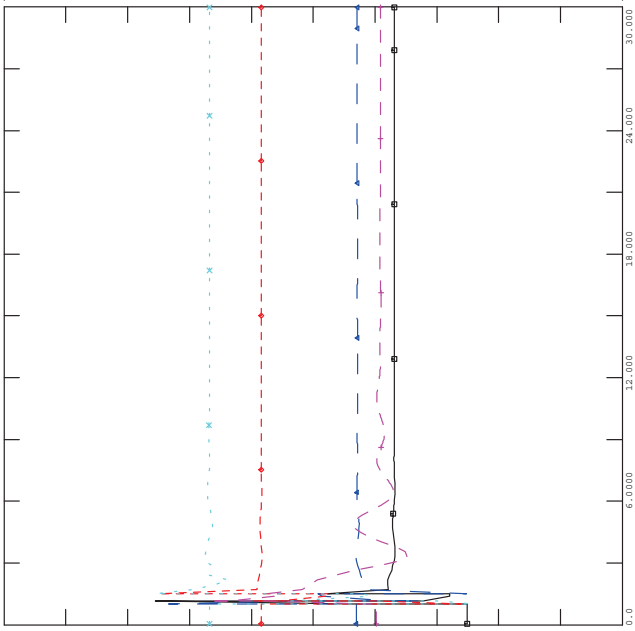
FILE: Scn6_2028WP_04_748L_Killarney.out

BRANCH P

TUE, AUG 13 2024 7:57

CHNL# 577: [9L16 P] 85.174 -186.9
CHNL# 575: [9L59 P] 317.52 168.35
CHNL# 573: [953L P] 434.07 -40.63
CHNL# 569: [1047L P] -55.86 -600.0
CHNL# 567: [749L P] 279.18 -13.06

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_05_748L_HAYTER

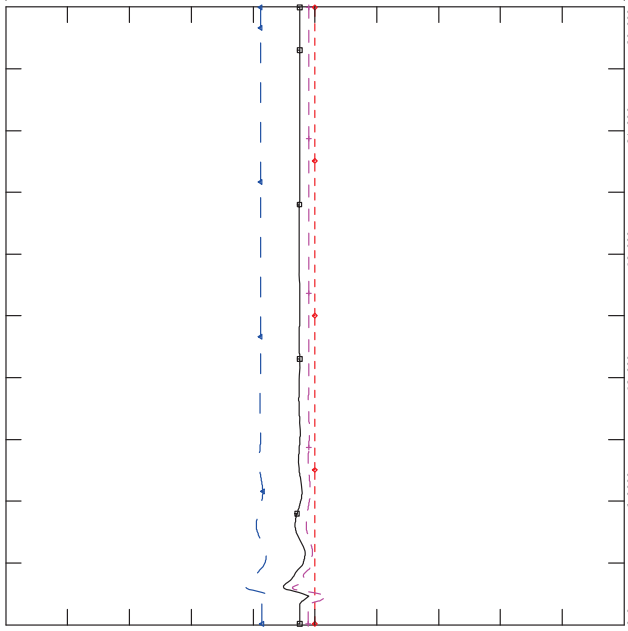
FILE: Scn6_2028WP_05_748L_Hayter.out

ROTOR ANGLE

TUE, AUG 13 2024 7:57

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5] 8.7130 -97.13
CHNL# 16: [ANGL 1496[BAT #4 16.000]4] 50.000 -50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2] 46.746 -58.49
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1] 43.980 -61.09

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_04_748L_KILLARNEY

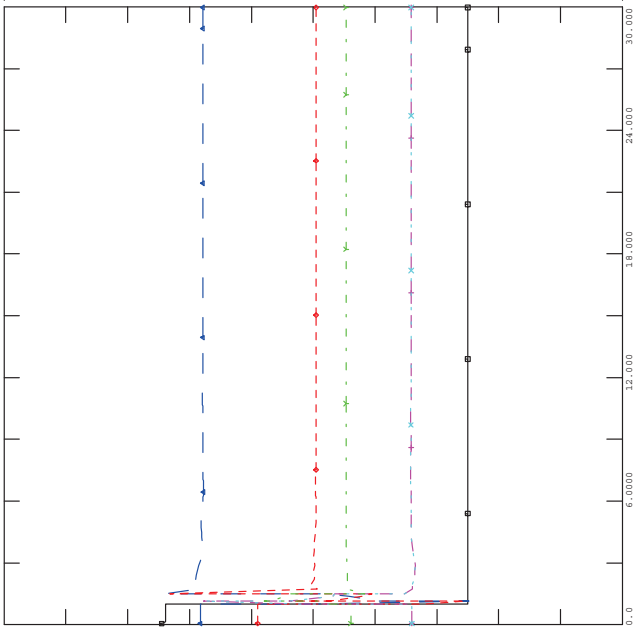
FILE: Scn6_2028WP_04_748L_Killarney.out

BRANCH Q

TUE, AUG 13 2024 7:57

CHNL# 566: [715L Q] 1894.5 -1480.
CHNL# 572: [679L Q] 65.299 -57.64
CHNL# 564: [680L Q] 65.299 -57.64
CHNL# 562: [948L Q] 110.28 -289.1
CHNL# 560: [7L224 Q] 21.914 -134.7
CHNL# 558: [748L Q] 2874.9 -958.3

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_04_748L_KILLARNEY

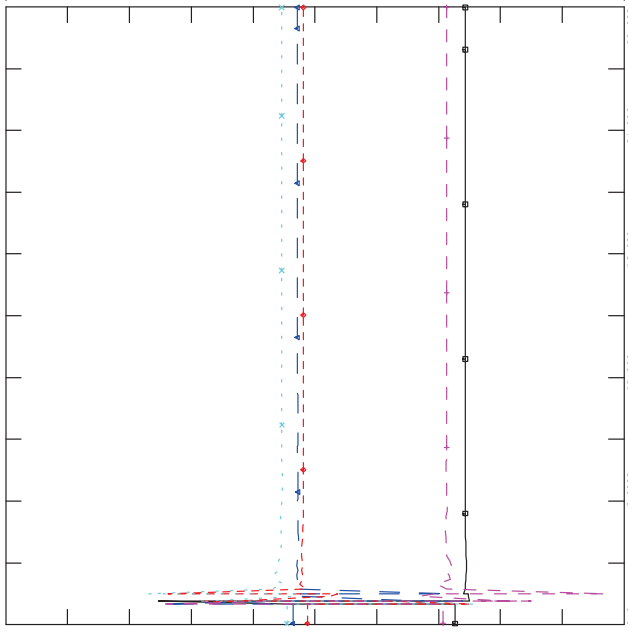
FILE: Scn6_2028WP_04_748L_Killarney.out

BRANCH Q

TUE, AUG 13 2024 7:57

CHNL# 578: [9L16 Q] 340.86 -318.6
CHNL# 576: [9L59 Q] 79.670 -65.24
CHNL# 574: [953L Q] 303.77 -371.3
CHNL# 570: [1047L Q] 338.85 -276.2
CHNL# 568: [749L Q] 622.70 -278.2

TIME (SECONDS)

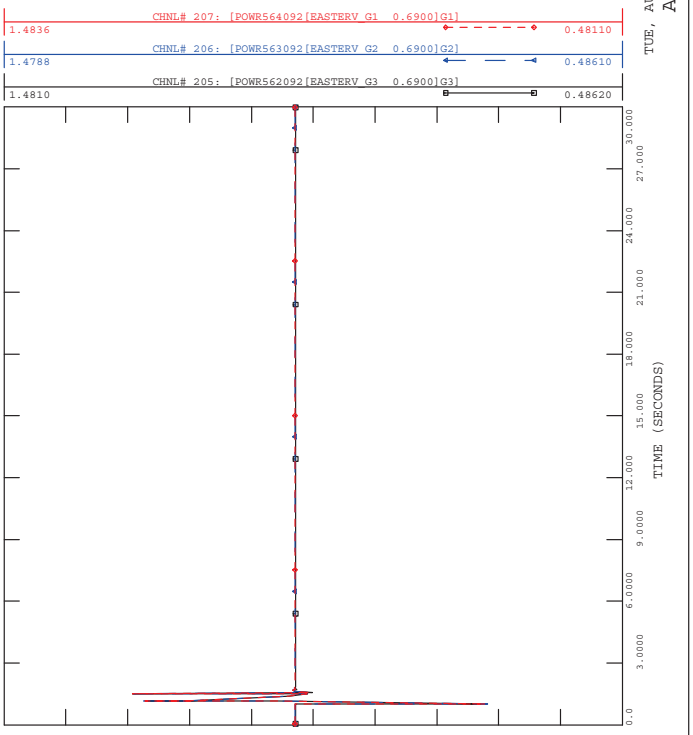


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_05_748L_HAYTER

FILE: Scn6_2028WP_05_748L_Hayter.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

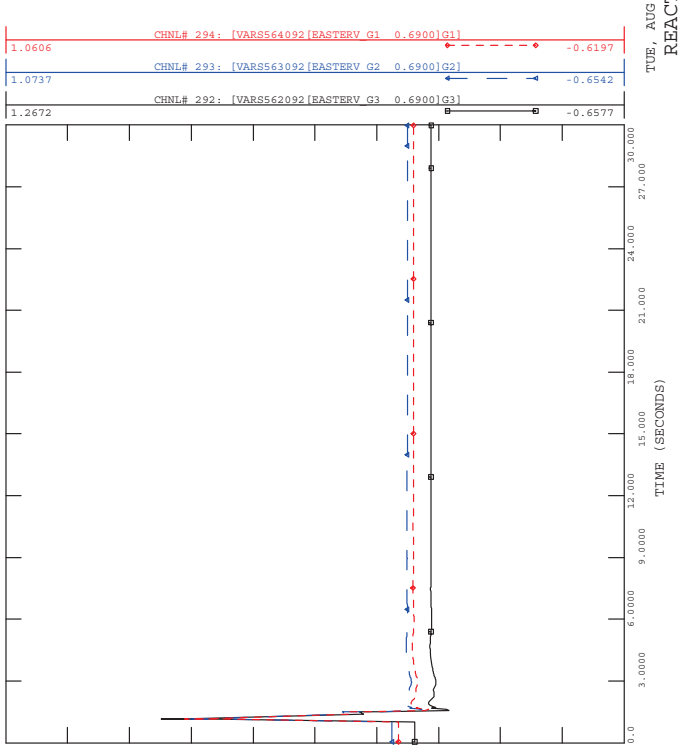


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_05_748L_HAYTER

FILE: Scn6_2028WP_05_748L_Hayter.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

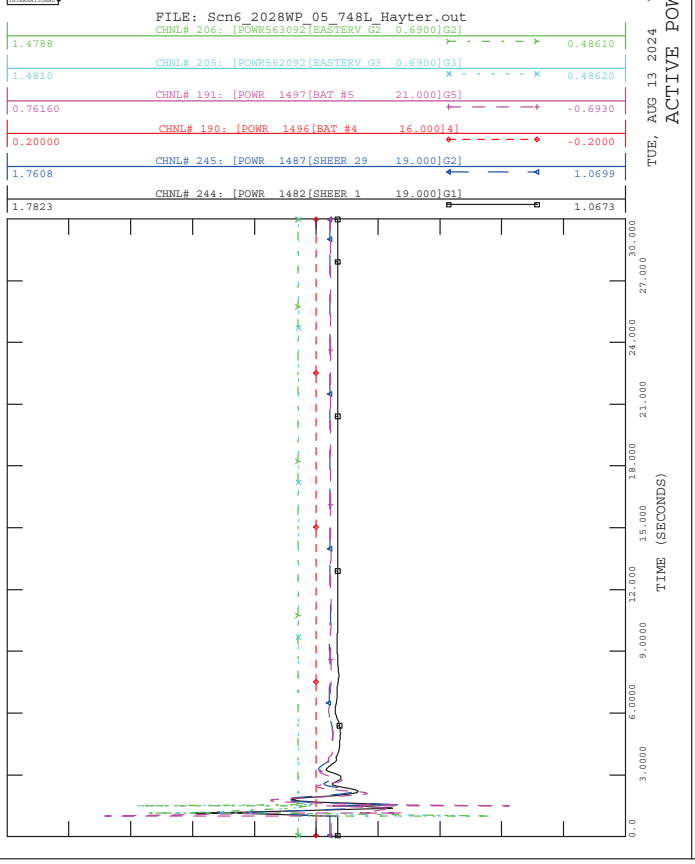


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_05_748L_HAYTER

FILE: Scn6_2028WP_05_748L_Hayter.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

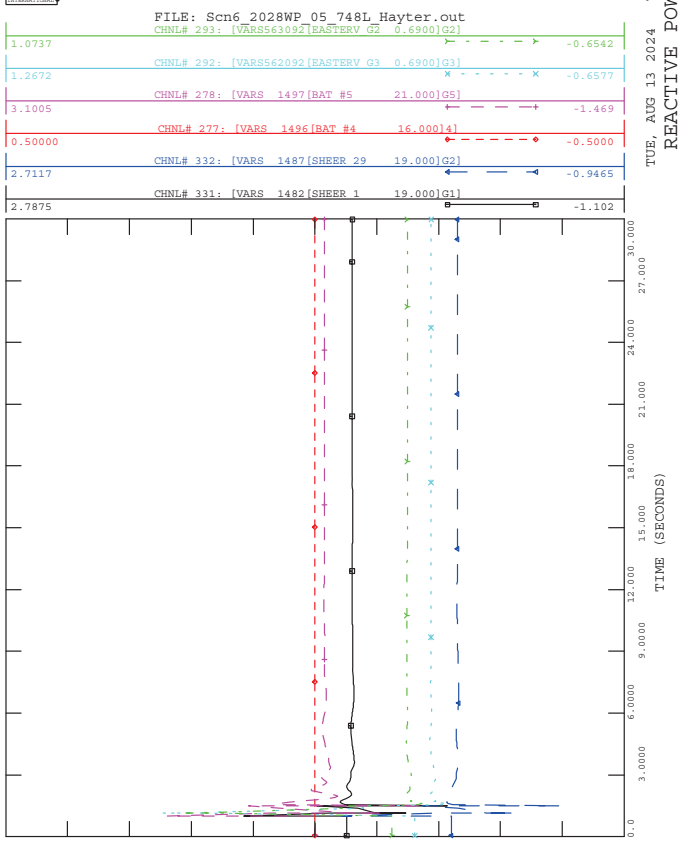


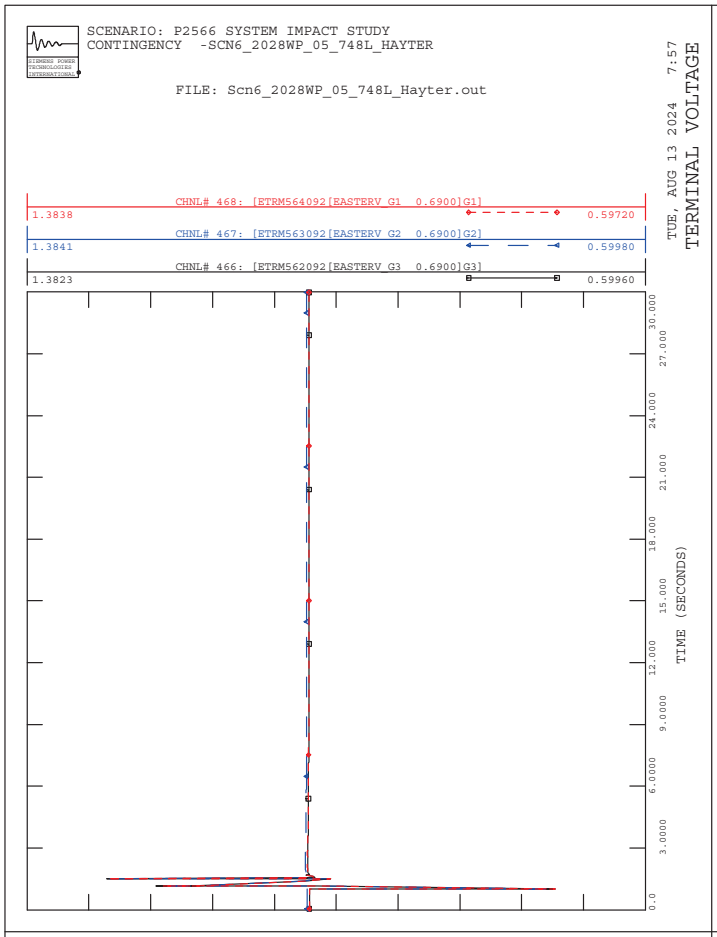
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_05_748L_HAYTER

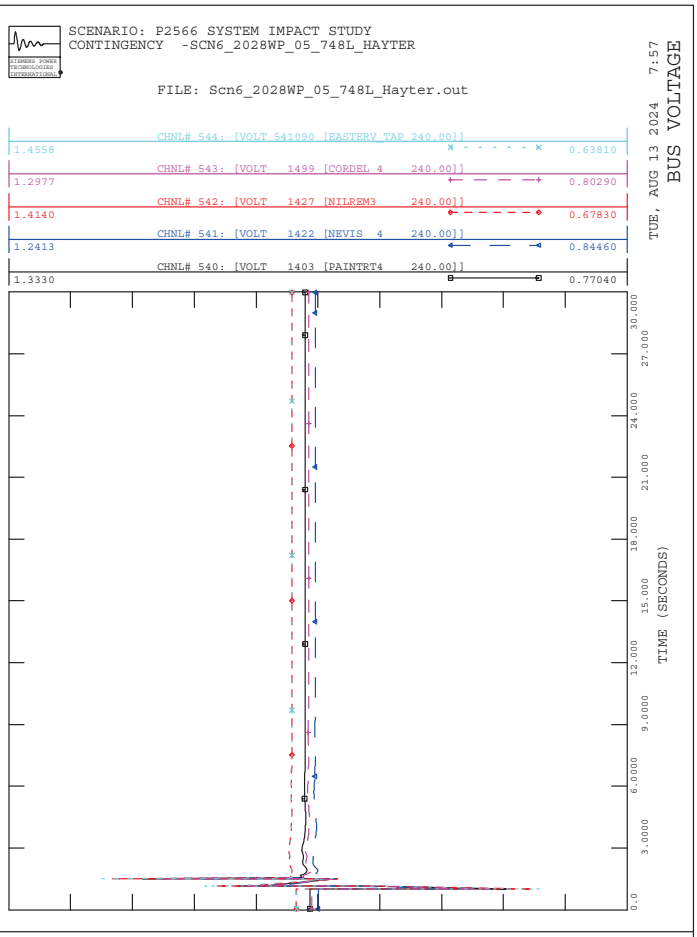
FILE: Scn6_2028WP_05_748L_Hayter.out

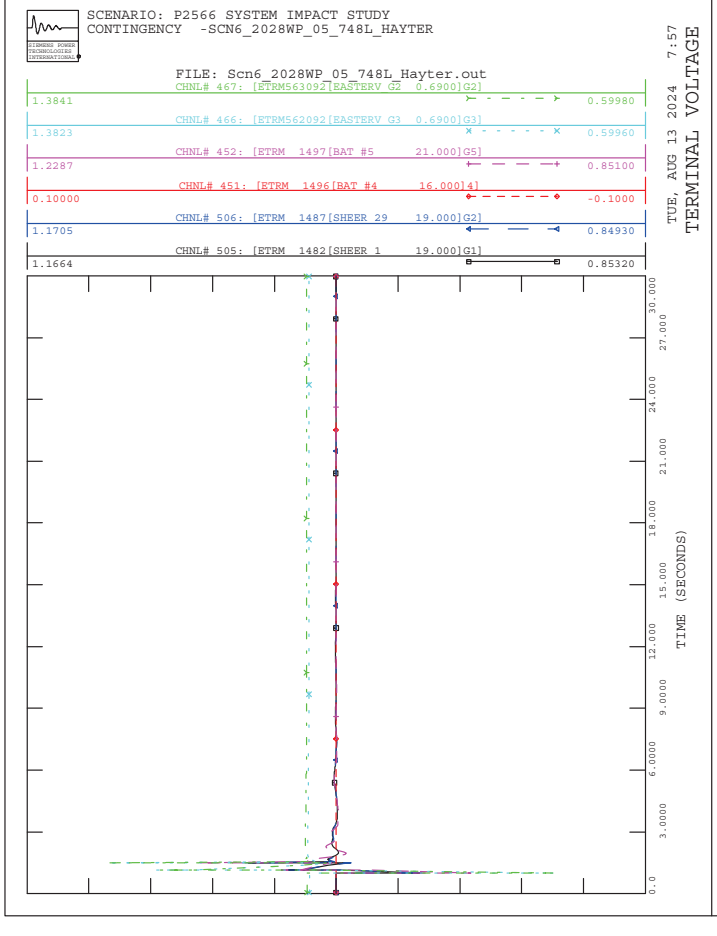
TUE, AUG 13 2024 7:57

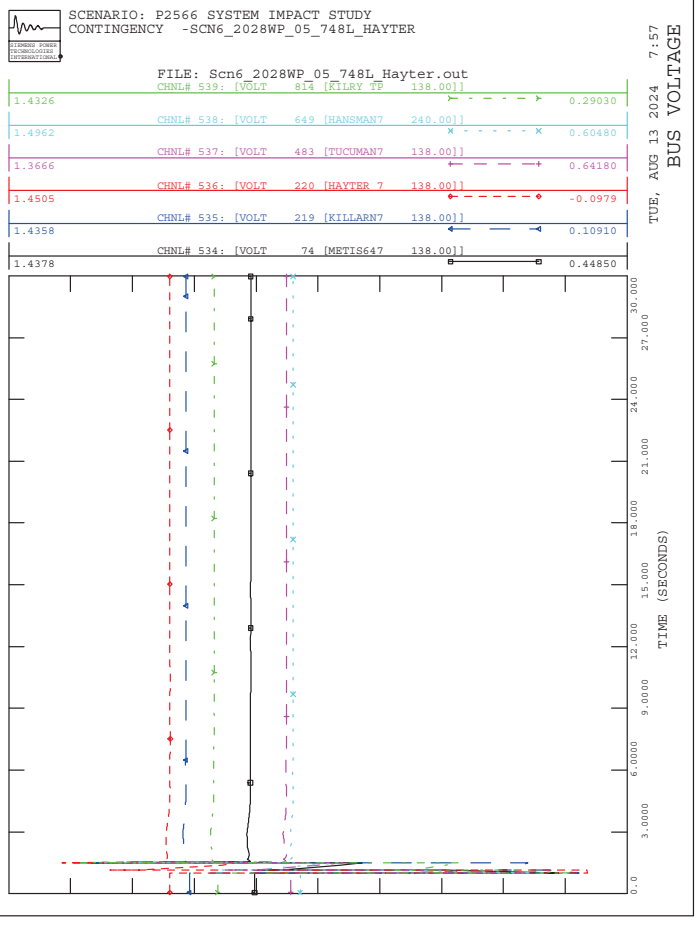
REACTIVE POWER

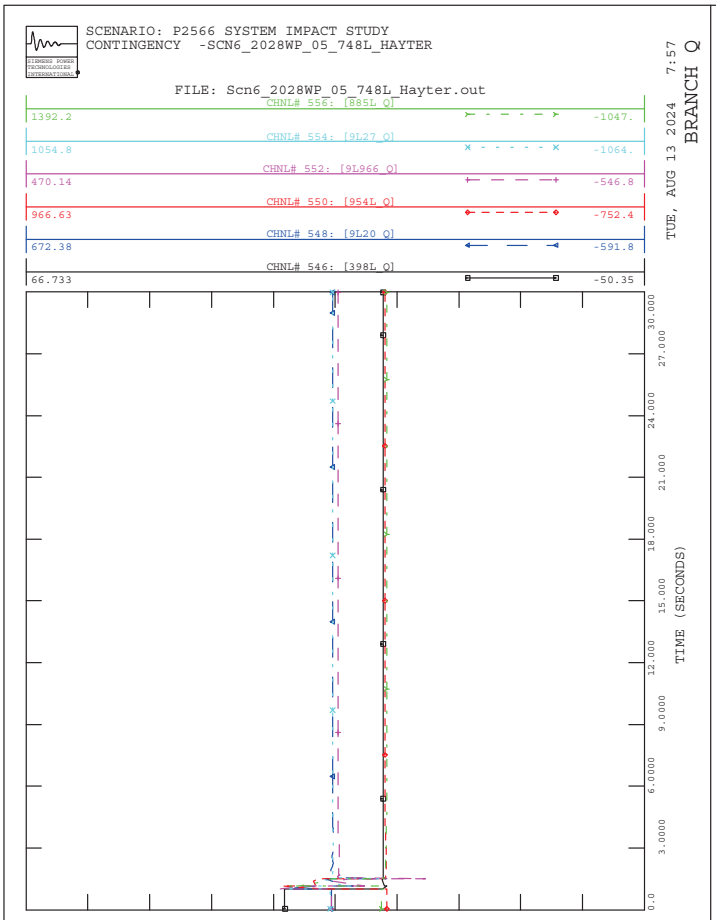


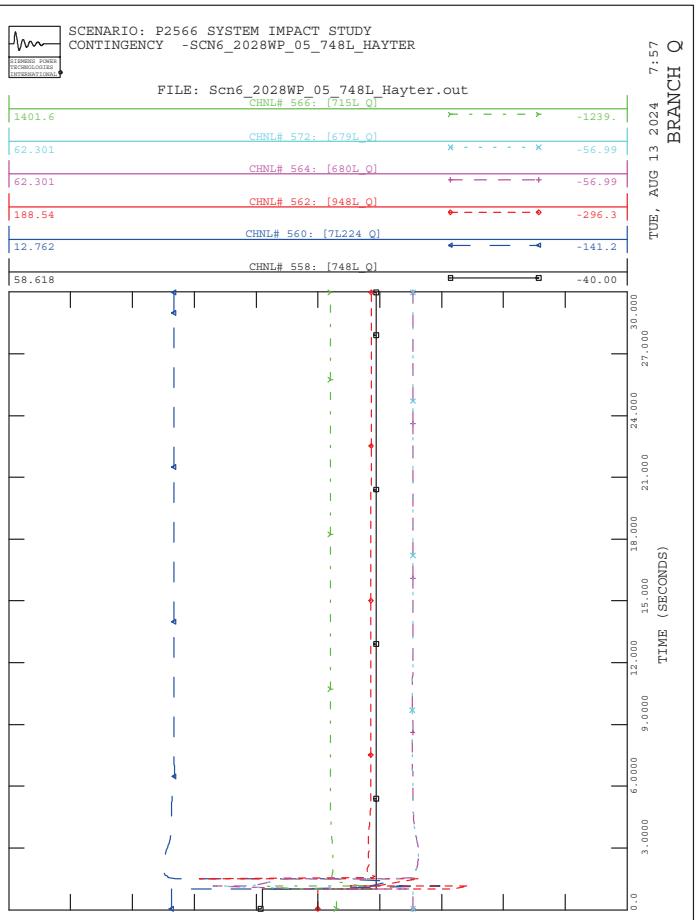

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_05_748L_HAYTER
FILE: Scn6_2028WP_05_748L_Hayter.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.3838
0.59720
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3841
0.59980
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3823
0.59960
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)

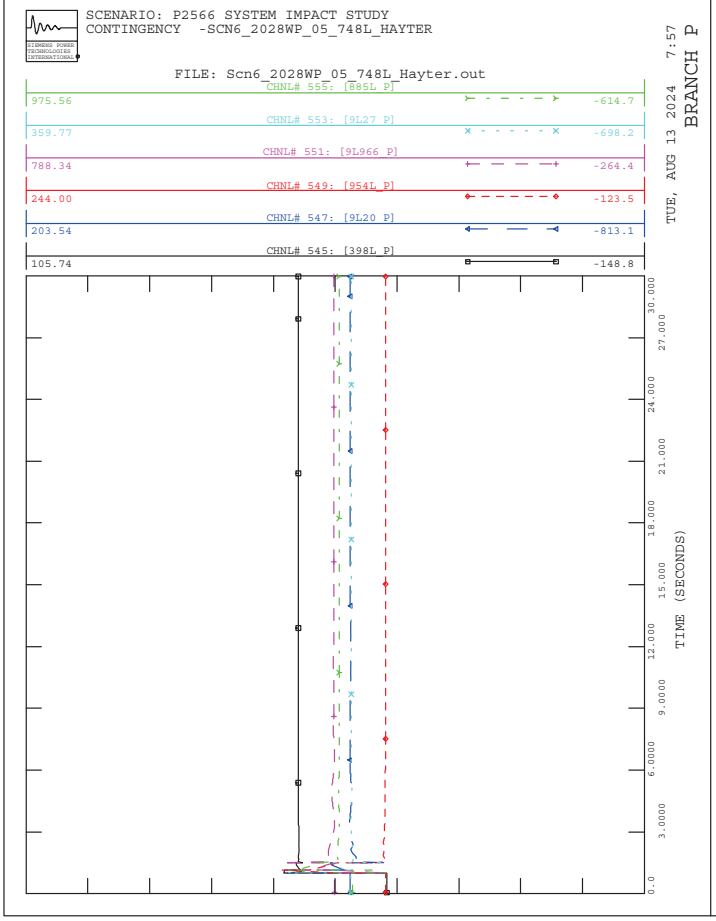

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_05_748L_HAYTER
FILE: Scn6_2028WP_05_748L_Hayter.out
TUE, AUG 13 2024 7:57
BUS VOLTAGE
CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.4558
0.63810
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2977
0.80290
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4140
0.67830
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2413
0.84460
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3330
0.77040
0.0
3.0000
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9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)

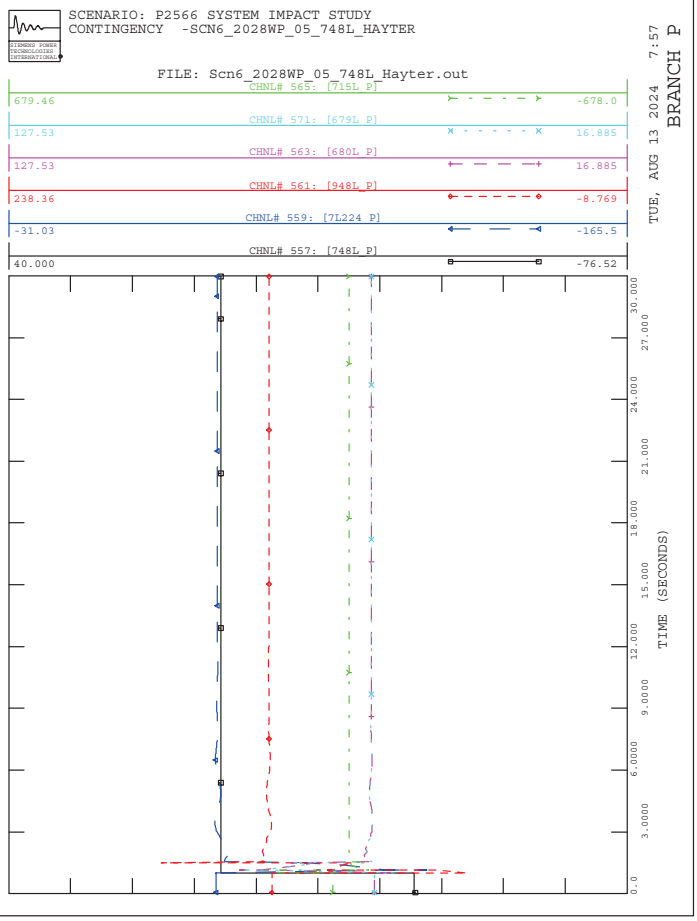

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_05_748L_HAYTER
FILE: Scn6_2028WP_05_748L_Hayter.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3841
0.59980
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3823
0.59960
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2287
0.85100
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000
-0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1705
0.84930
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1664
0.85320
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_05_748L_HAYTER
FILE: Scn6_2028WP_05_748L_Hayter.out
TUE, AUG 13 2024 7:57
BUS VOLTAGE
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4326
0.29030
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4962
0.60480
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3666
0.64180
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4505
-0.0979
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4358
0.10910
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4378
0.44850
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_05_748L_HAYTER
FILE: Scn6_2028WP_05_748L_Hayter.out
CHNL# 556: [885L Q]
1392.2
-1047.
CHNL# 554: [9L27 Q]
1054.8
-1064.
CHNL# 552: [9L966 Q]
470.14
-546.8
CHNL# 550: [954L Q]
966.63
-752.4
CHNL# 548: [9L20 Q]
672.38
-591.8
CHNL# 546: [398L Q]
66.733
-50.35
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_05_748L_HAYTER
FILE: Scn6_2028WP_05_748L_Hayter.out
CHNL# 566: [715L Q]
1401.6
-1239.
CHNL# 572: [679L Q]
62.301
-56.99
CHNL# 564: [680L Q]
62.301
-56.99
CHNL# 562: [948L Q]
188.54
-296.3
CHNL# 560: [7L224 Q]
12.762
-141.2
CHNL# 558: [748L Q]
58.618
-40.00
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_05_748L_HAYTER
FILE: Scn6_2028WP_05_748L_Hayter.out
CHNL# 555: [885L P]
975.56
-614.7
CHNL# 553: [9L27 P]
359.77
-698.2
CHNL# 551: [9L966 P]
788.34
-264.4
CHNL# 549: [954L P]
244.00
-123.5
CHNL# 547: [9L20 P]
203.54
-813.1
CHNL# 545: [398L P]
105.74
-148.8
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
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3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

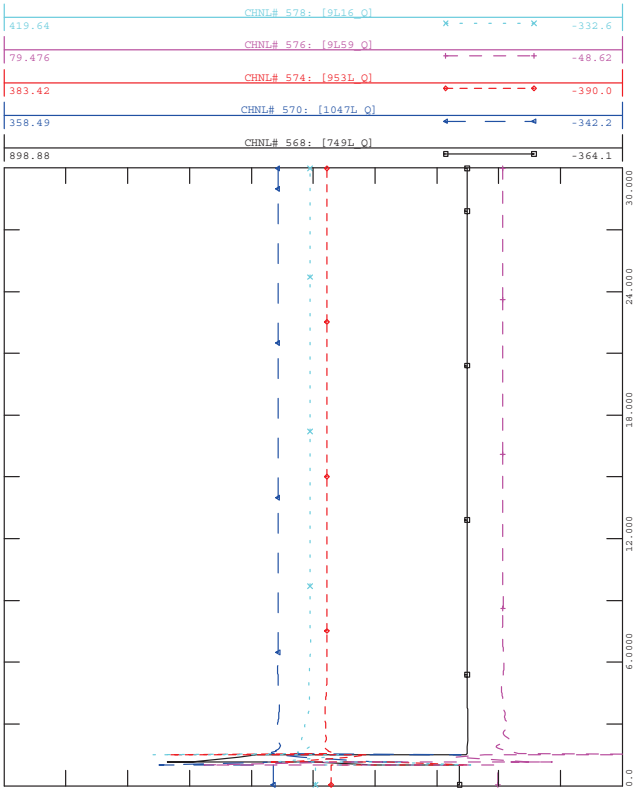

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_05_748L_HAYTER
FILE: Scn6_2028WP_05_748L_Hayter.out
CHNL# 565: [715L P]
679.46
-678.0
CHNL# 571: [679L P]
127.53
16.885
CHNL# 563: [680L P]
127.53
16.885
CHNL# 561: [948L P]
238.36
-8.769
CHNL# 559: [7L224 P]
-31.03
-165.5
CHNL# 557: [748L P]
40.000
-76.52
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_05_748L_HAYTER

FILE: Scn6_2028WP_05_748L_Hayter.out

TUE, AUG 13 2024 7:57

BRANCH Q

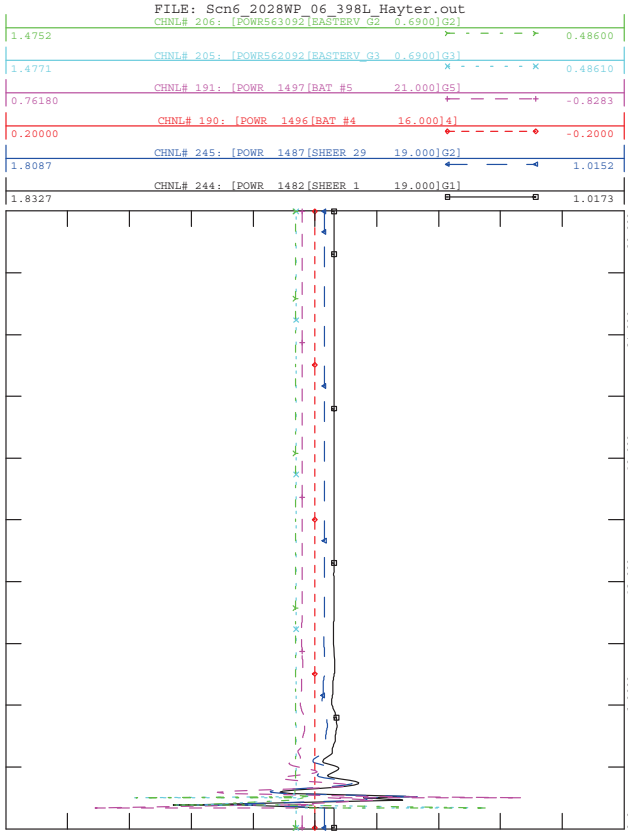


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_06_398L_HAYTER

FILE: Scn6_2028WP_06_398L_Hayter.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

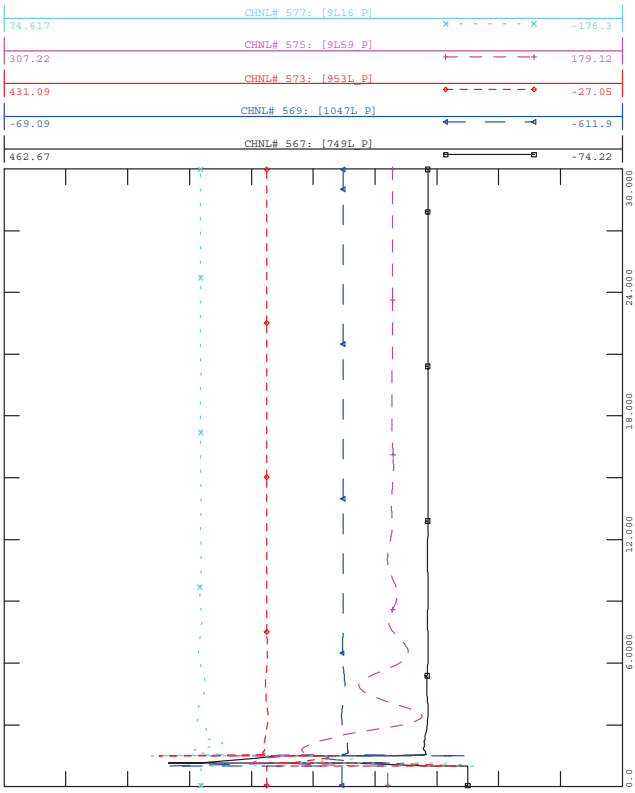


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_05_748L_HAYTER

FILE: Scn6_2028WP_05_748L_Hayter.out

TUE, AUG 13 2024 7:57

BRANCH P

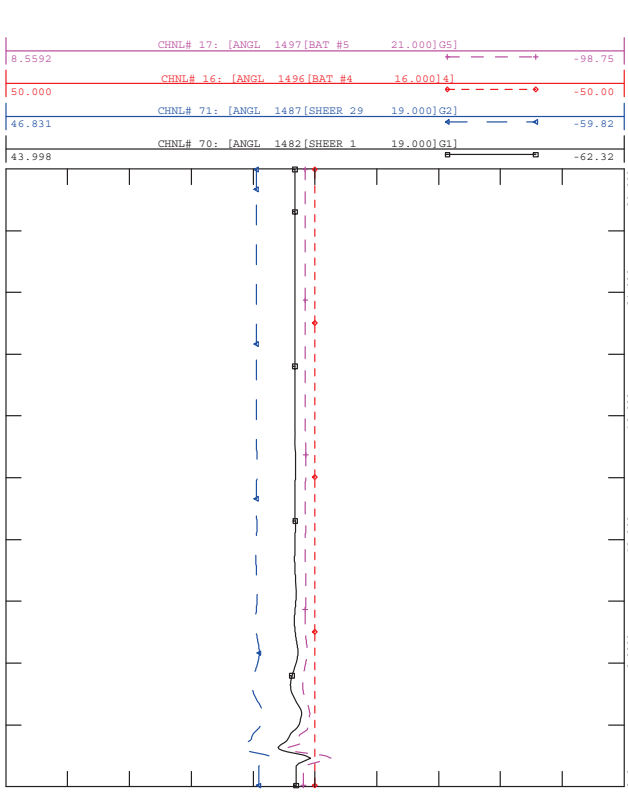


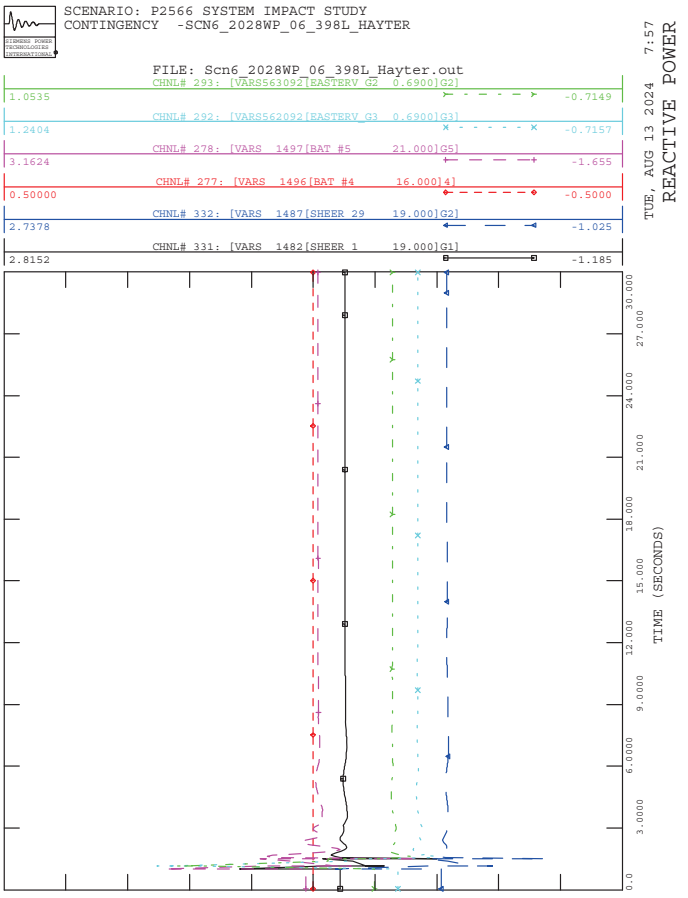
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CONTINGENCY -SCN6_2028WP_06_398L_HAYTER

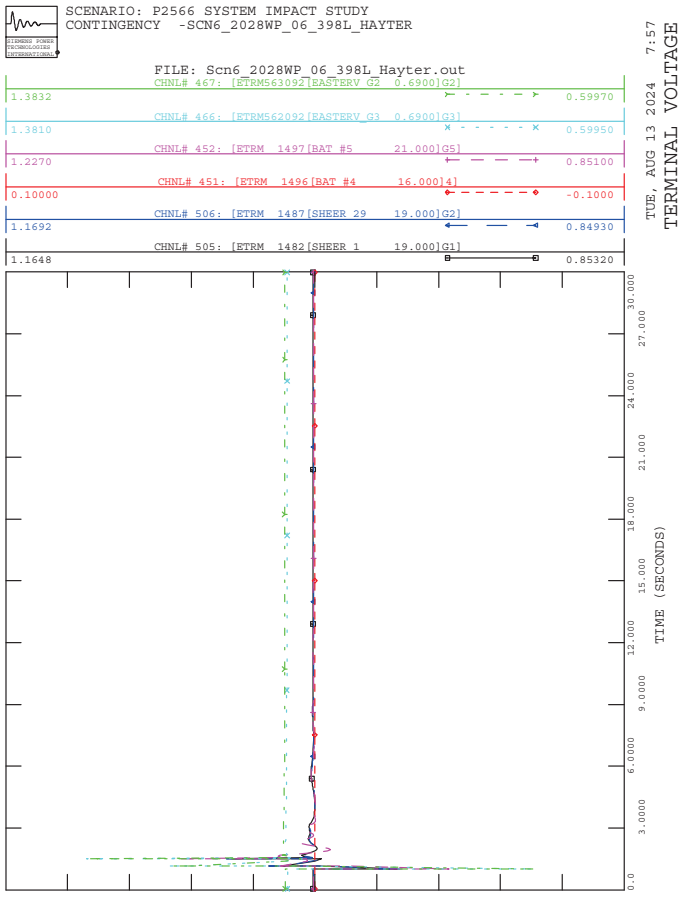
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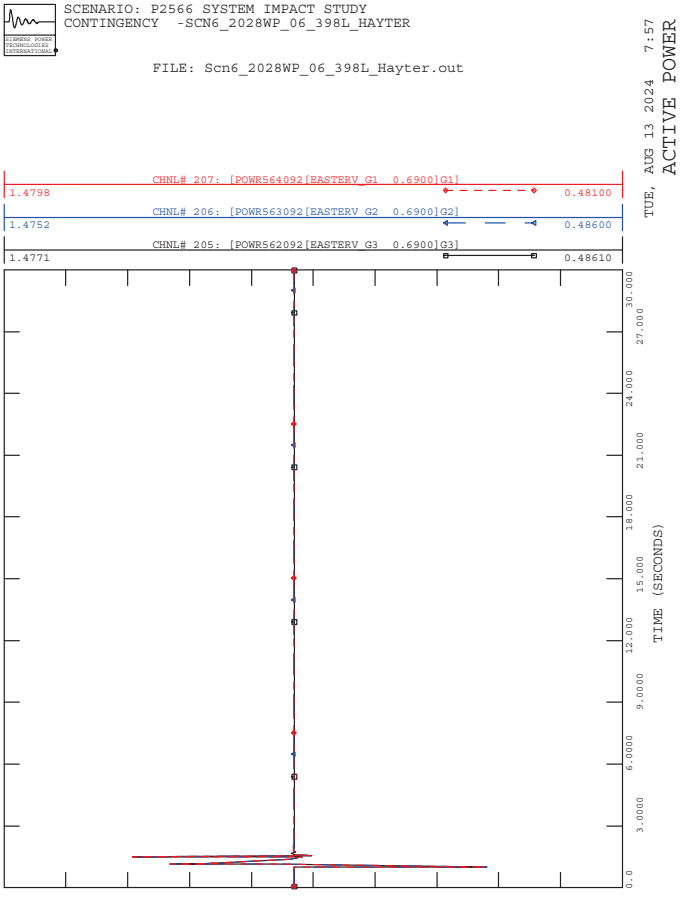
TUE, AUG 13 2024 7:57

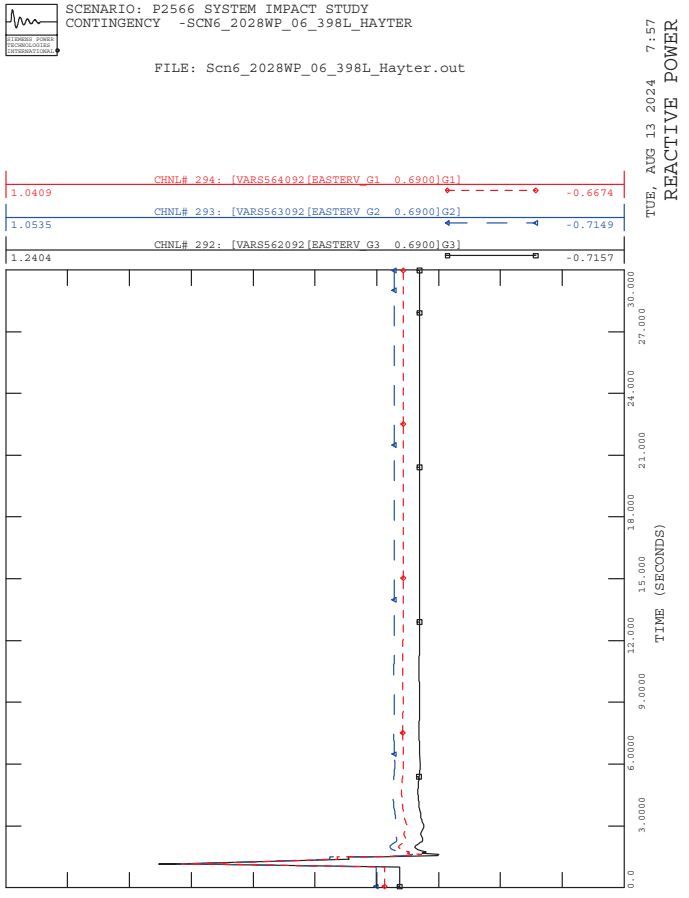
ROTOR ANGLE




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_06_398L_HAYTER
FILE: Scn6_2028WP_06_398L_Hayter.out
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.0535
-0.7149
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.2404
-0.7157
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
3.1624
-1.655
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000
-0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
2.7378
-1.025
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
2.8152
-1.185
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
REACTIVE POWER


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_06_398L_HAYTER
FILE: Scn6_2028WP_06_398L_Hayter.out
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3832
0.59970
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3810
0.59950
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2270
0.85100
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000
-0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1692
0.84930
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1648
0.85320
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_06_398L_HAYTER
FILE: Scn6_2028WP_06_398L_Hayter.out
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.4798
0.48100
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.4752
0.48600
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.4771
0.48610
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
ACTIVE POWER


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_06_398L_HAYTER
FILE: Scn6_2028WP_06_398L_Hayter.out
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.0409
-0.6674
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.0535
-0.7149
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.2404
-0.7157
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
REACTIVE POWER

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_06_398L_HAYTER

FILE: Scn6_2028WP_06_398L_Hayter.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4470 0.29100

CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5048 0.60470

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3738 0.64180

CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4477 -0.1000

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4493 0.11050

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4529 0.44840

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_06_398L_HAYTER

FILE: Scn6_2028WP_06_398L_Hayter.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [88SL P]
775.50 -531.9

CHNL# 553: [9L27 P]
332.57 -660.0

CHNL# 551: [9L966 P]
812.08 -281.4

CHNL# 549: [954L P]
279.48 -147.8

CHNL# 547: [9L20 P]
167.93 -763.2

CHNL# 545: [398L P]
5000.0 -5000.

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_06_398L_HAYTER

FILE: Scn6_2028WP_06_398L_Hayter.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.3828 0.59720

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3832 0.59970

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3810 0.59950

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_06_398L_HAYTER

FILE: Scn6_2028WP_06_398L_Hayter.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.4617 0.63810

CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3011 0.80290

CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4202 0.67830

CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2449 0.84460

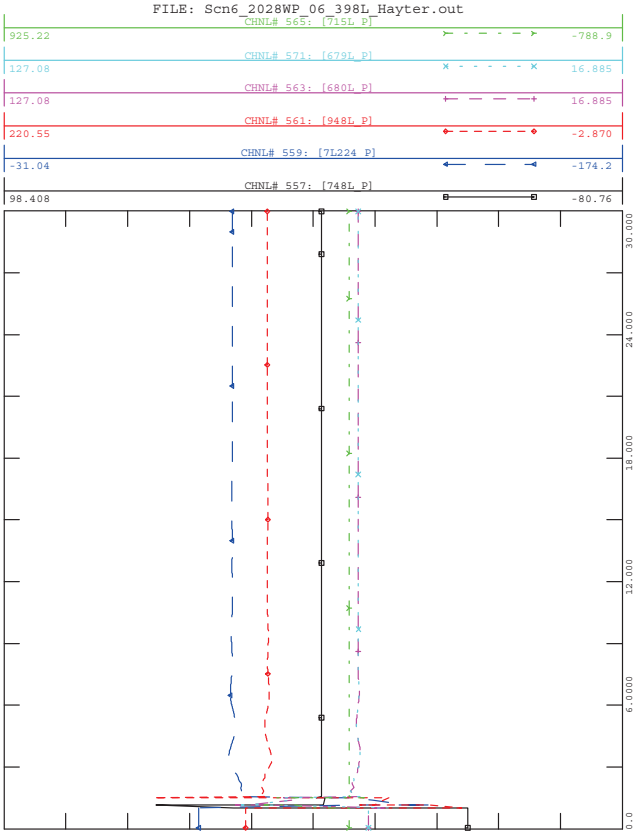
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3375 0.77040

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_06_398L_HAYTER

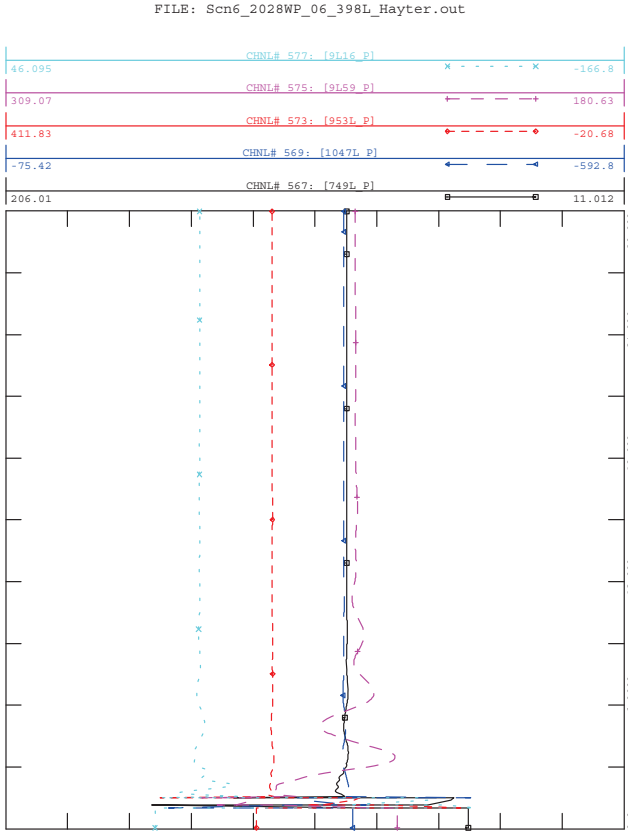
FILE: Scn6_2028WP_06_398L_Hayter.out



TUE, AUG 13 2024 7:57 BRANCH P

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_06_398L_HAYTER

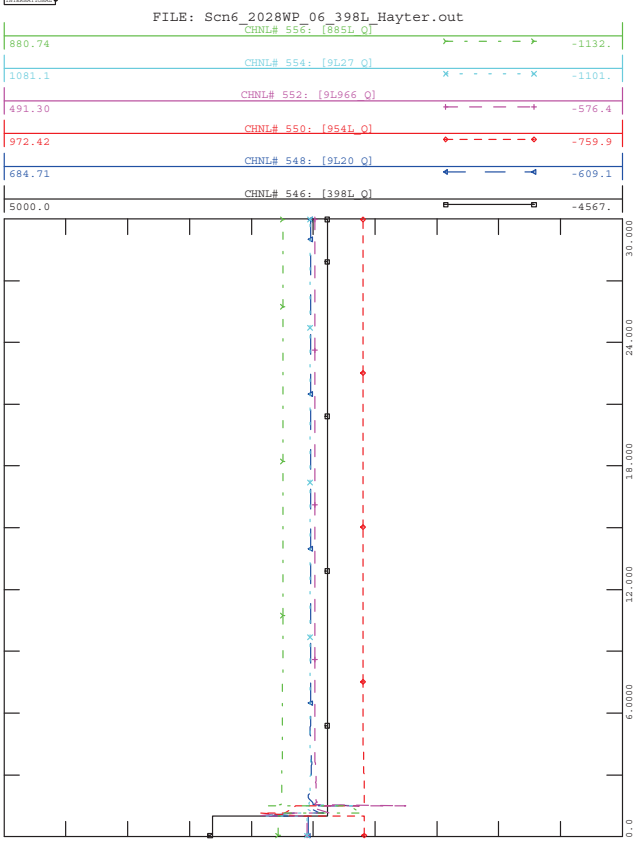
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TUE, AUG 13 2024 7:57 BRANCH P

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_06_398L_HAYTER

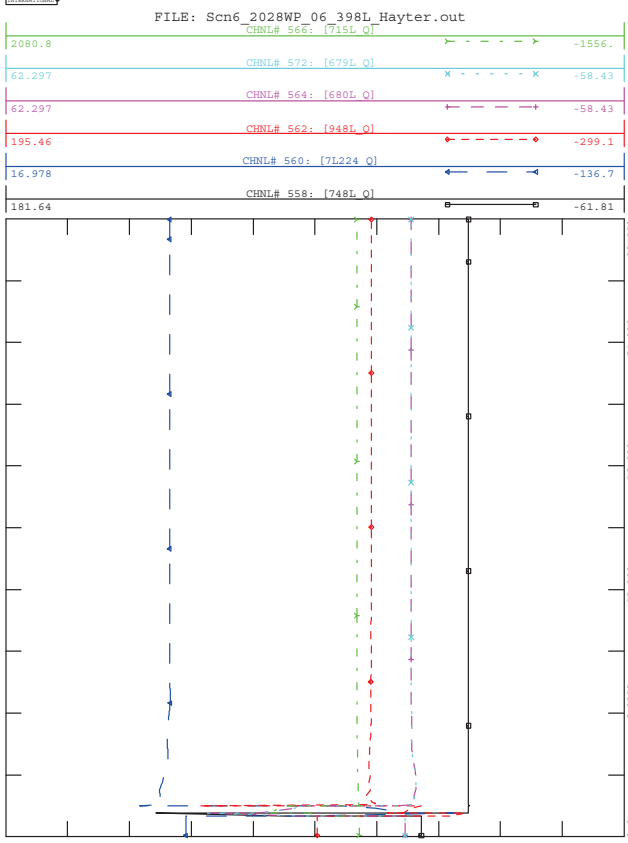
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TUE, AUG 13 2024 7:57 BRANCH Q

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_06_398L_HAYTER

FILE: Scn6_2028WP_06_398L_Hayter.out



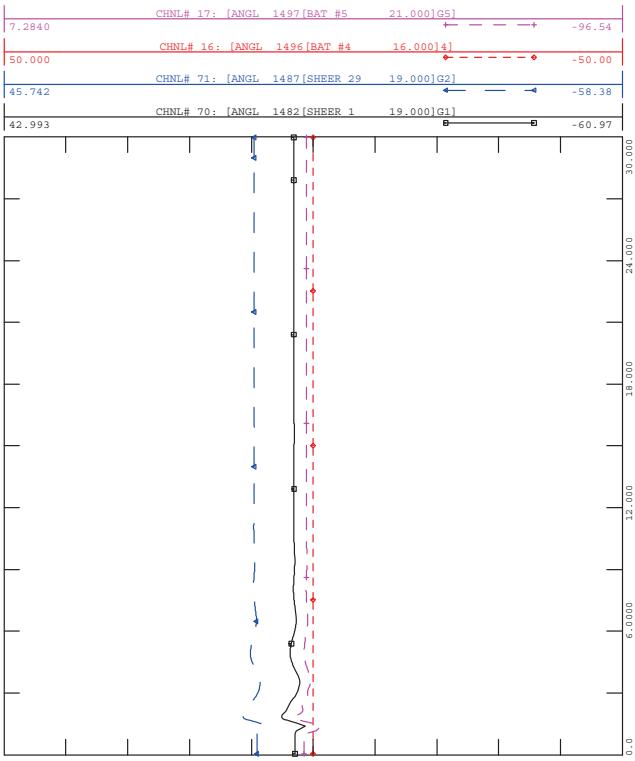
TUE, AUG 13 2024 7:57 BRANCH Q

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_07_398L_PROVOST

FILE: Scn6_2028WP_07_398L_Provost.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

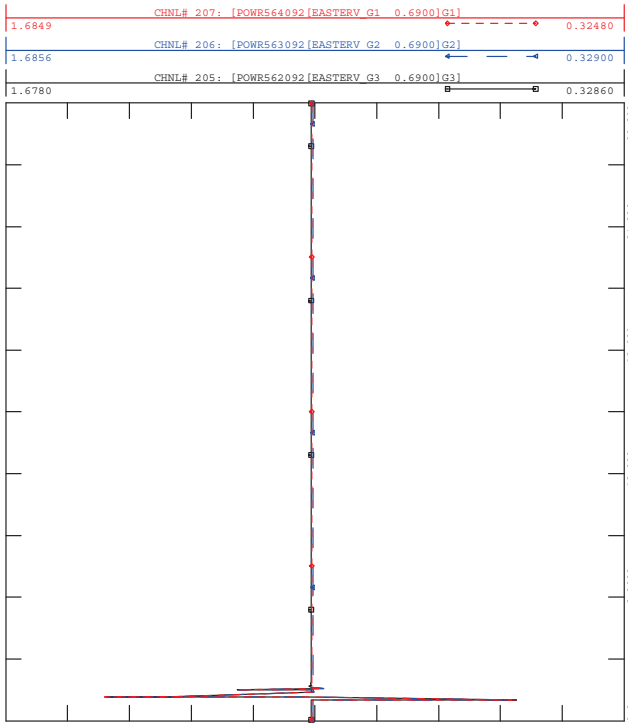


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_07_398L_PROVOST

FILE: Scn6_2028WP_07_398L_Provost.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

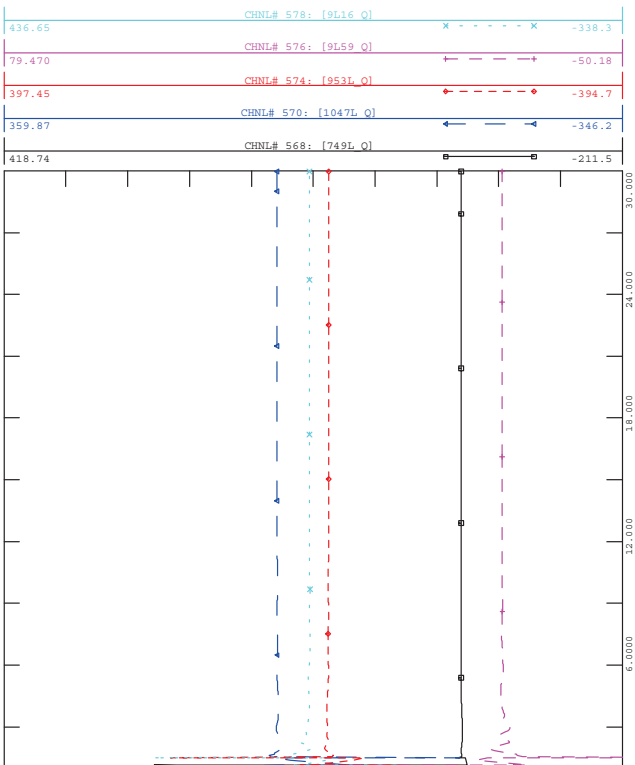


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_06_398L_HAYTER

FILE: Scn6_2028WP_06_398L_Hayter.out

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BRANCH Q

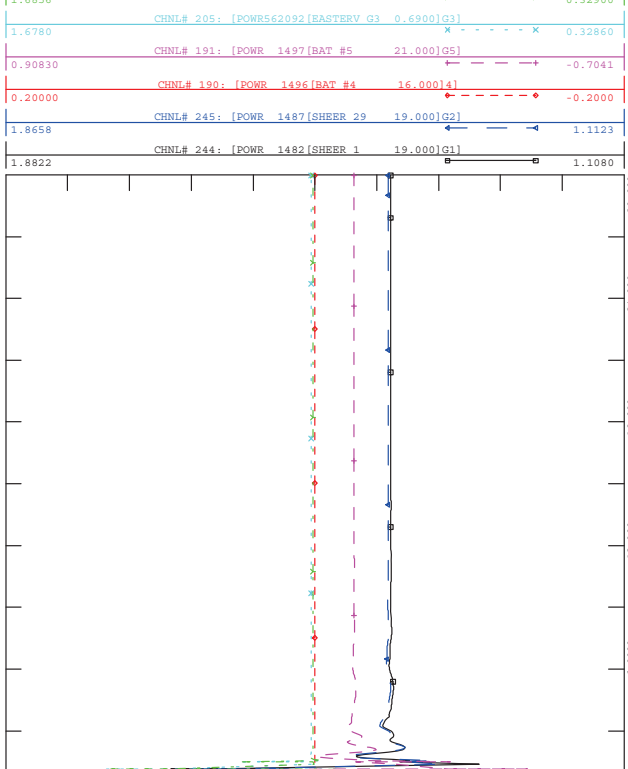


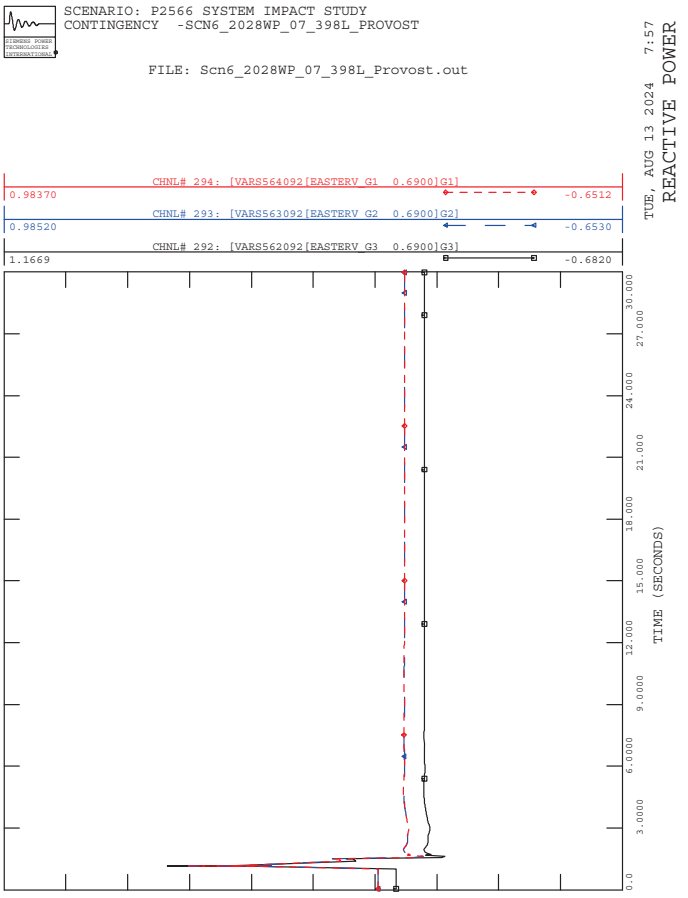
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CONTINGENCY -SCN6_2028WP_07_398L_PROVOST

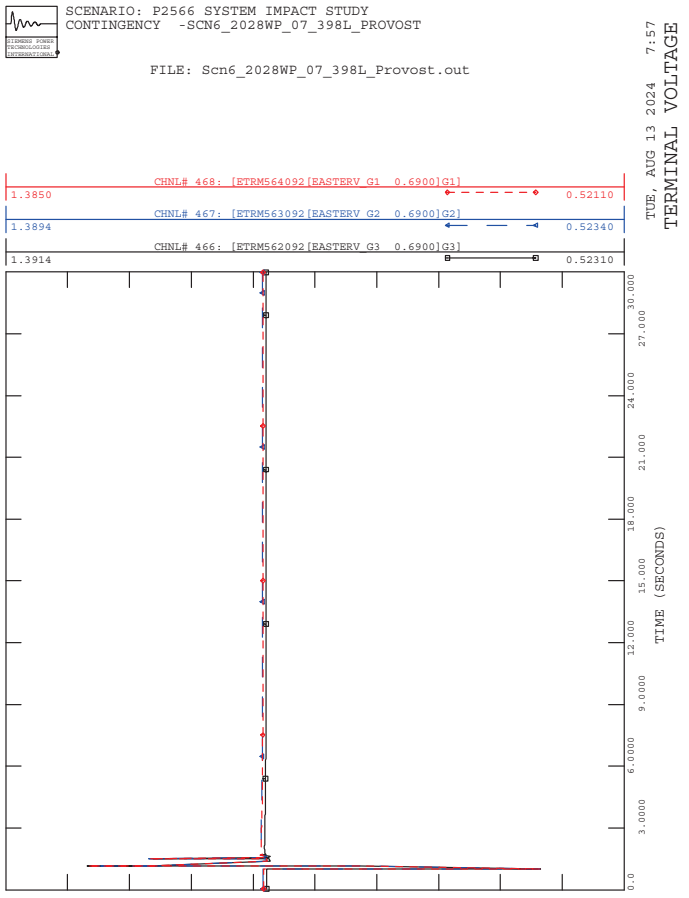
FILE: Scn6_2028WP_07_398L_Provost.out

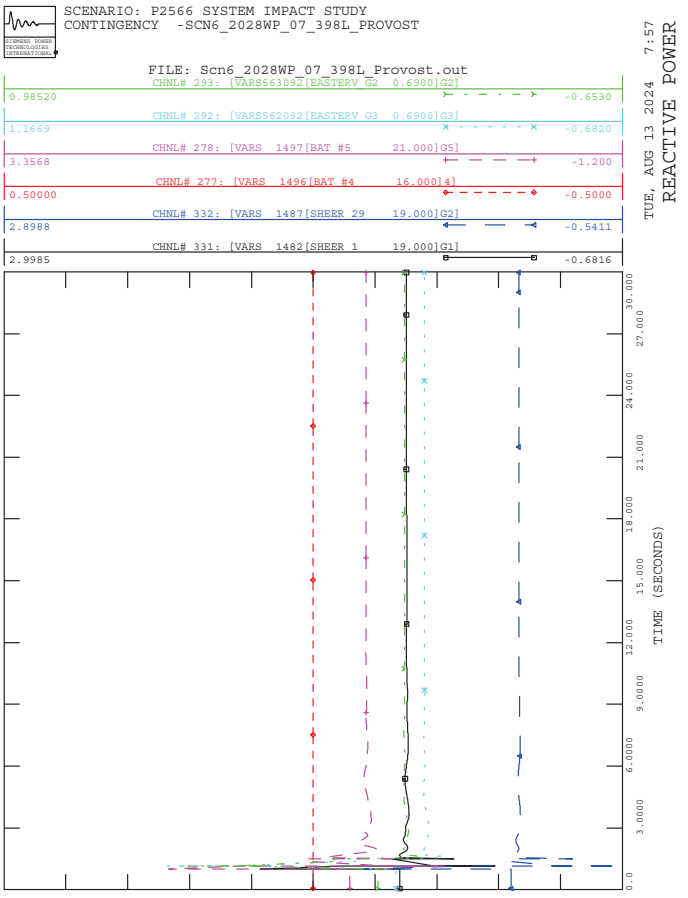
TUE, AUG 13 2024 7:57

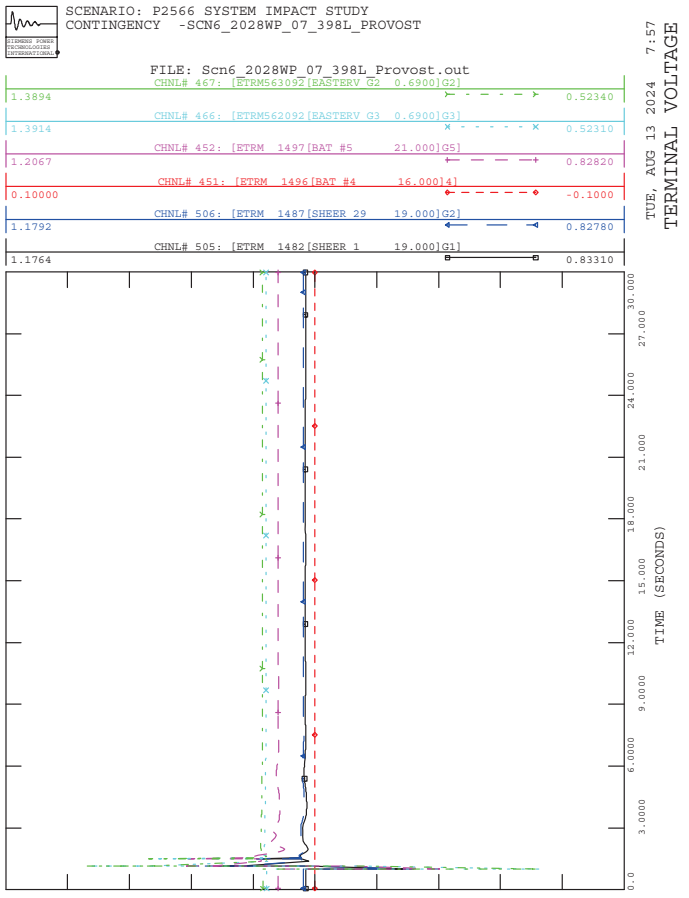
ACTIVE POWER




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_07_398L_PROVOST
FILE: Scn6_2028WP_07_398L_Provost.out
TUE, AUG 13 2024 7:57
REACTIVE POWER
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
0.98370
-0.6512
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.98520
-0.6530
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.1669
-0.6820
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_07_398L_PROVOST
FILE: Scn6_2028WP_07_398L_Provost.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.3850
0.52110
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3894
0.52340
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3914
0.52310
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_07_398L_PROVOST
FILE: Scn6_2028WP_07_398L_Provost.out
TUE, AUG 13 2024 7:57
REACTIVE POWER
CHNL# 293: [VARS563097[EASTERV G2 0.6900]G2]
0.98520
-0.6530
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.1669
-0.6820
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
3.3568
-1.200
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000
-0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
2.8988
-0.5411
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
2.9985
-0.6816
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_07_398L_PROVOST
FILE: Scn6_2028WP_07_398L_Provost.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3894
0.52340
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3914
0.52310
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2067
0.82820
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000
-0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1792
0.82780
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1764
0.83310
TIME (SECONDS)
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6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

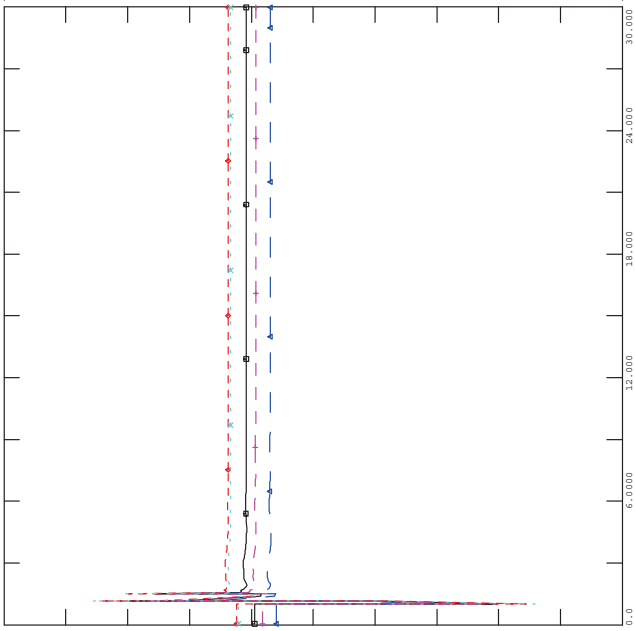
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_07_398L_PROVOST

FILE: Scn6_2028WP_07_398L_Provost.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.3913 0.55750
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2638 0.76390
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3510 0.60790
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2201 0.81760
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2884 0.72300



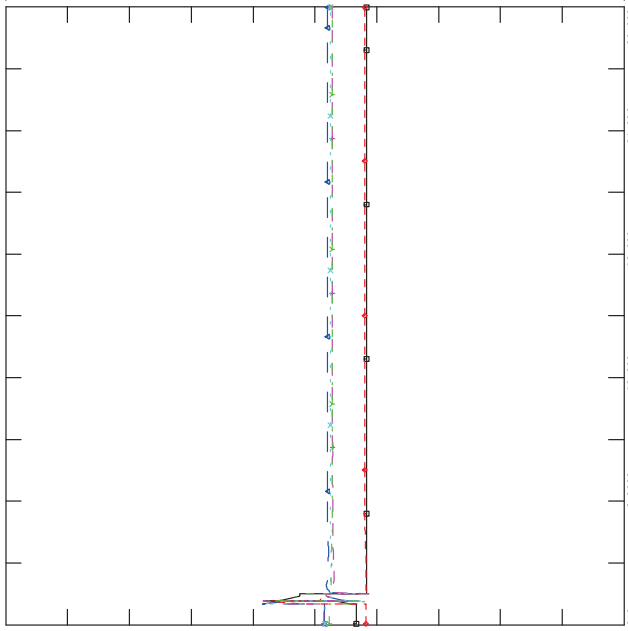
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_07_398L_PROVOST

FILE: Scn6_2028WP_07_398L_Provost.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L Q]
1572.6 -1456.
CHNL# 554: [9L27 Q]
977.10 -889.2
CHNL# 552: [9L966 Q]
629.02 -654.5
CHNL# 550: [954L Q]
1045.4 -810.4
CHNL# 548: [9L20 Q]
643.83 -511.7
CHNL# 546: [398L Q]
640.15 -457.2



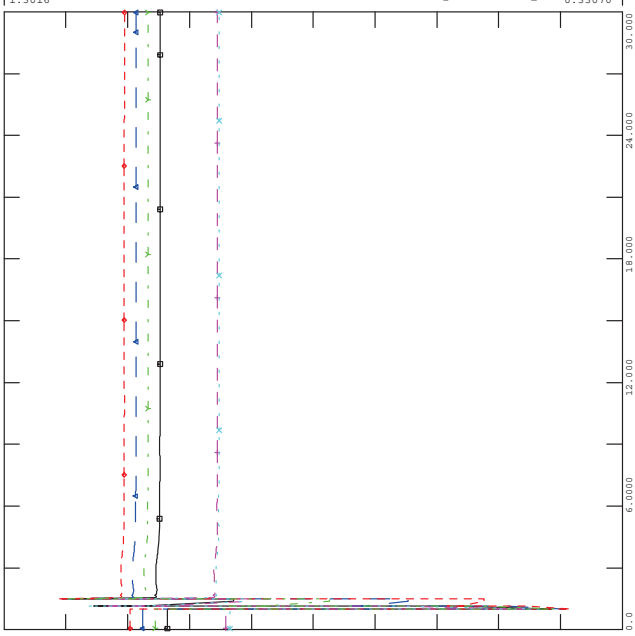
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_07_398L_PROVOST

FILE: Scn6_2028WP_07_398L_Provost.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.3002 0.26420
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4002 0.51410
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.2955 0.57190
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.3004 0.05620
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.3019 0.16810
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.3016 0.33070



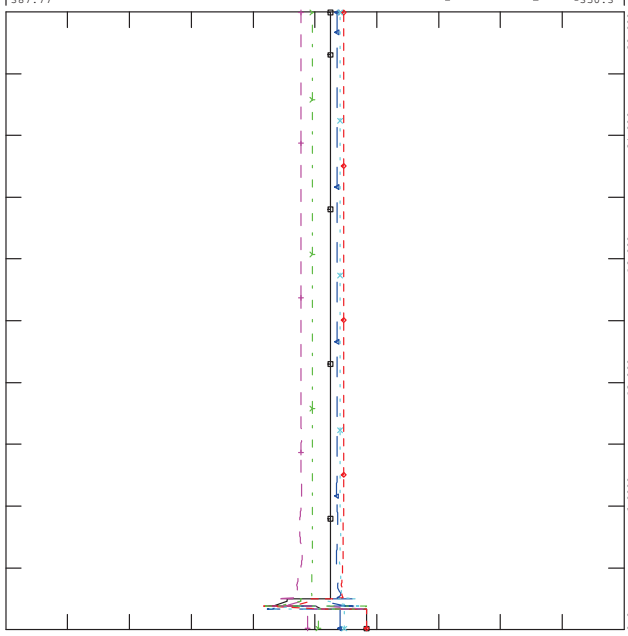
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_07_398L_PROVOST

FILE: Scn6_2028WP_07_398L_Provost.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
1149.2 -855.5
CHNL# 553: [9L27 P]
397.28 -686.0
CHNL# 551: [9L966 P]
822.63 -324.4
CHNL# 549: [954L P]
249.43 -126.3
CHNL# 547: [9L20 P]
267.27 -837.5
CHNL# 545: [398L P]
387.77 -350.3



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_07_398L_PROVOST

FILE: Scn6_2028WP_07_398L_Provost.out

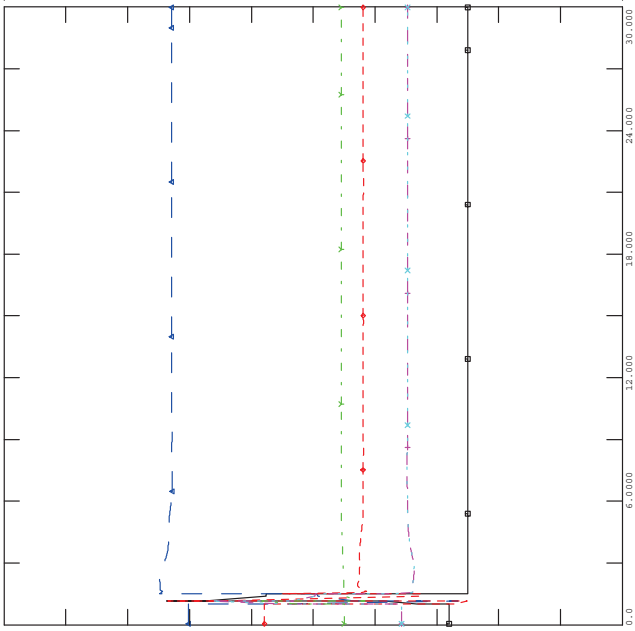
TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 566: [715L Q] 1970.5 -1609.
CHNL# 572: [679L Q] 61.504 -58.67
CHNL# 564: [680L Q] 61.504 -58.67
CHNL# 562: [948L Q] 101.07 -266.0
CHNL# 560: [7L224 Q] 17.596 -134.4
CHNL# 558: [748L Q] 460.94 -154.6

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_07_398L_PROVOST

FILE: Scn6_2028WP_07_398L_Provost.out

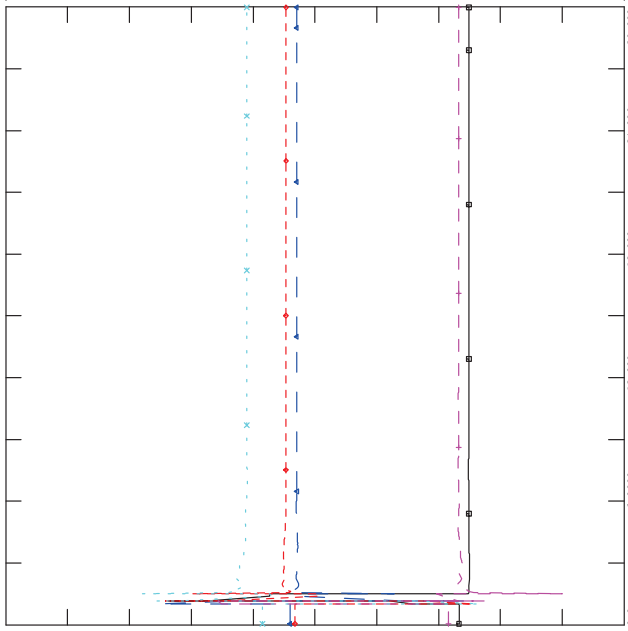
TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16_Q] 298.72 -322.3
CHNL# 576: [9L59_Q] 111.80 -76.19
CHNL# 574: [953L Q] 285.86 -379.6
CHNL# 570: [1047L Q] 364.52 -313.3
CHNL# 568: [749L Q] 702.38 -299.1

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_07_398L_PROVOST

FILE: Scn6_2028WP_07_398L_Provost.out

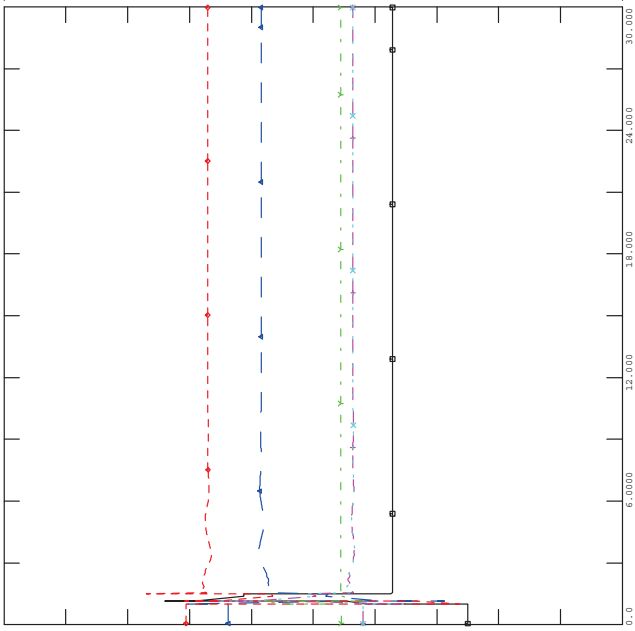
TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 565: [715L P] 1006.2 -897.2
CHNL# 571: [679L P] 131.27 12.200
CHNL# 563: [680L P] 131.27 12.200
CHNL# 561: [948L P] 195.36 -15.90
CHNL# 559: [7L224 P] -21.41 -172.2
CHNL# 557: [748L P] 224.82 -122.9

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_07_398L_PROVOST

FILE: Scn6_2028WP_07_398L_Provost.out

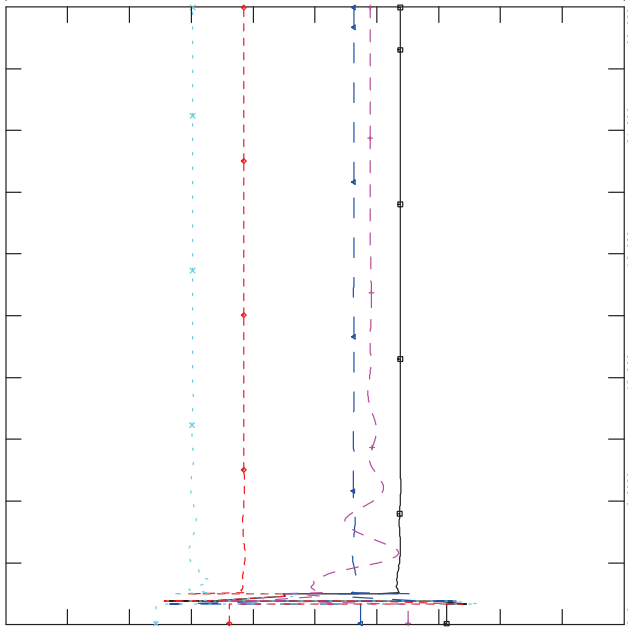
TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16 P] 57.102 -199.9
CHNL# 575: [9L59 P] 322.11 176.94
CHNL# 573: [953L P] 407.83 -66.01
CHNL# 569: [1047L P] -1.269 -636.5
CHNL# 567: [749L P] 426.63 -87.31

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_08_954L_METISKOW

FILE: Scn6_2028WP_08_954L_Metiskow.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2]
1.2170 -0.2000

CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3]
1.2178 -0.2000

CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.4253 -1.332

CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000 -0.2000

CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
2.6224 0.90490

CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
2.5088 0.83930

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_08_954L_METISKOW

FILE: Scn6_2028WP_08_954L_Metiskow.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV_G2 0.6900]G2]
1.4600 -2.032

CHNL# 292: [VARS562092[EASTERV_G3 0.6900]G3]
2.0637 -2.924

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
6.2880 -4.671

CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000 -0.5000

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
5.2502 -2.384

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
5.7319 -3.031

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_08_954L_METISKOW

FILE: Scn6_2028WP_08_954L_Metiskow.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
9.0746 -96.33

CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000 -50.00

CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
47.052 -57.60

CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
44.483 -60.05

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_08_954L_METISKOW

FILE: Scn6_2028WP_08_954L_Metiskow.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV_G1 0.6900]G1]
1.2171 -0.2000

CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2]
1.2170 -0.2000

CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3]
1.2178 -0.2000

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_08_954L_METISKOW

FILE: Scn6_2028WP_08_954L_Metiskow.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.4434 0.02480

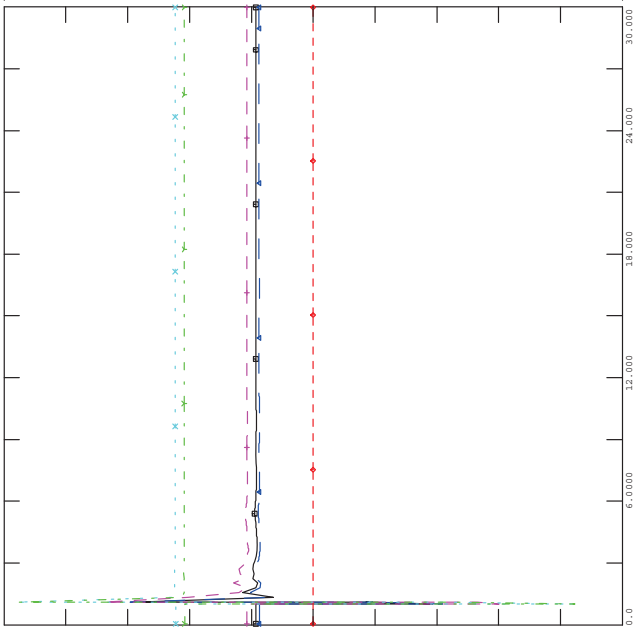
CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.4092 0.02450

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2763 0.67490

CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2434 0.67790

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.2280 0.69310



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_08_954L_METISKOW

FILE: Scn6_2028WP_08_954L_Metiskow.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.7074 0.00400

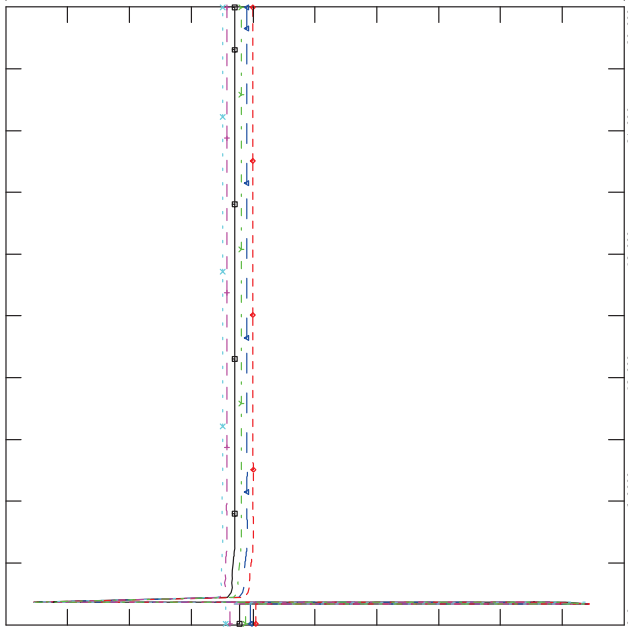
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.7234 -0.0957

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.5251 0.17710

CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.7687 -0.0165

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.7382 -0.0058

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.6945 -0.0241



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_08_954L_METISKOW

FILE: Scn6_2028WP_08_954L_Metiskow.out

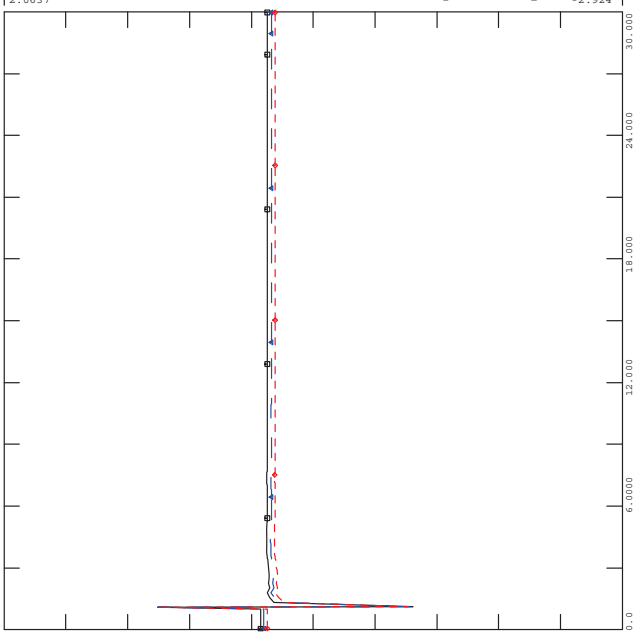
TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.4252 -1.937

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.4600 -2.032

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
2.0637 -2.924



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_08_954L_METISKOW

FILE: Scn6_2028WP_08_954L_Metiskow.out

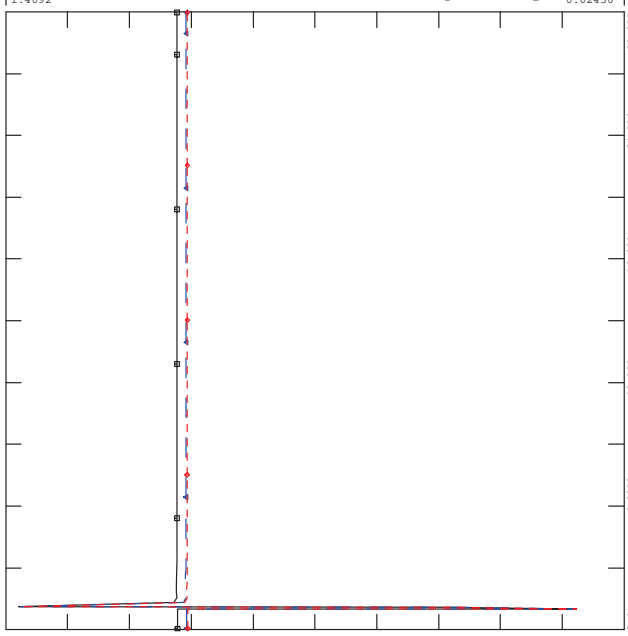
TUE, AUG 13 2024 7:57

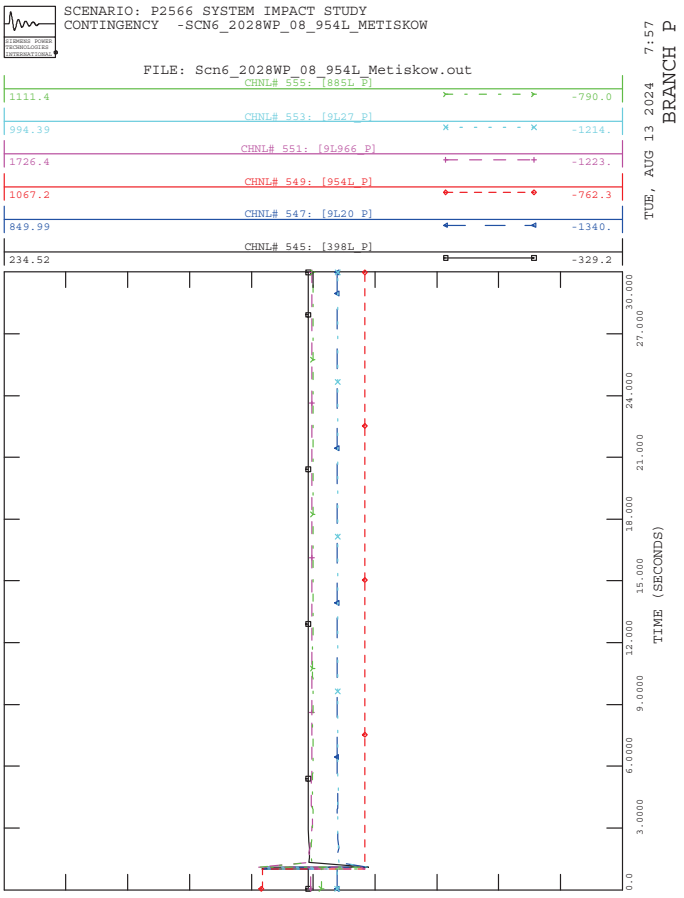
TERMINAL VOLTAGE

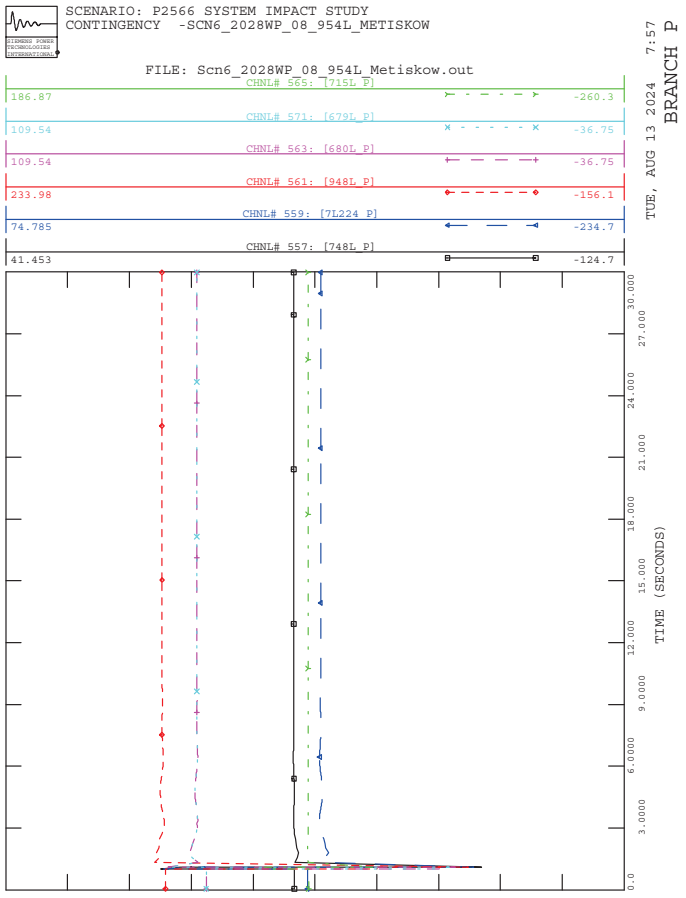
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.4418 0.02420

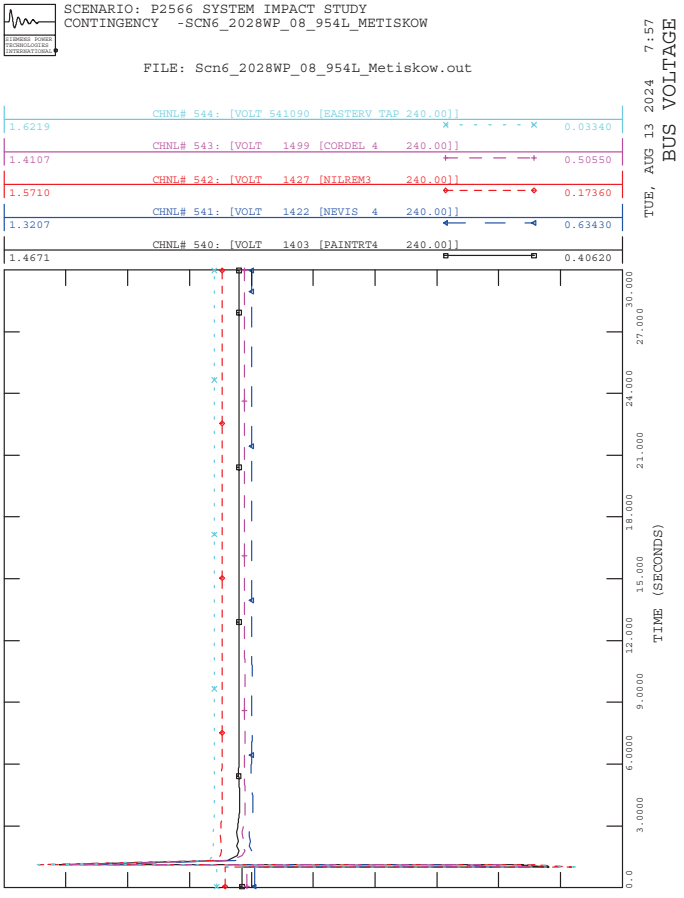
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4434 0.02480

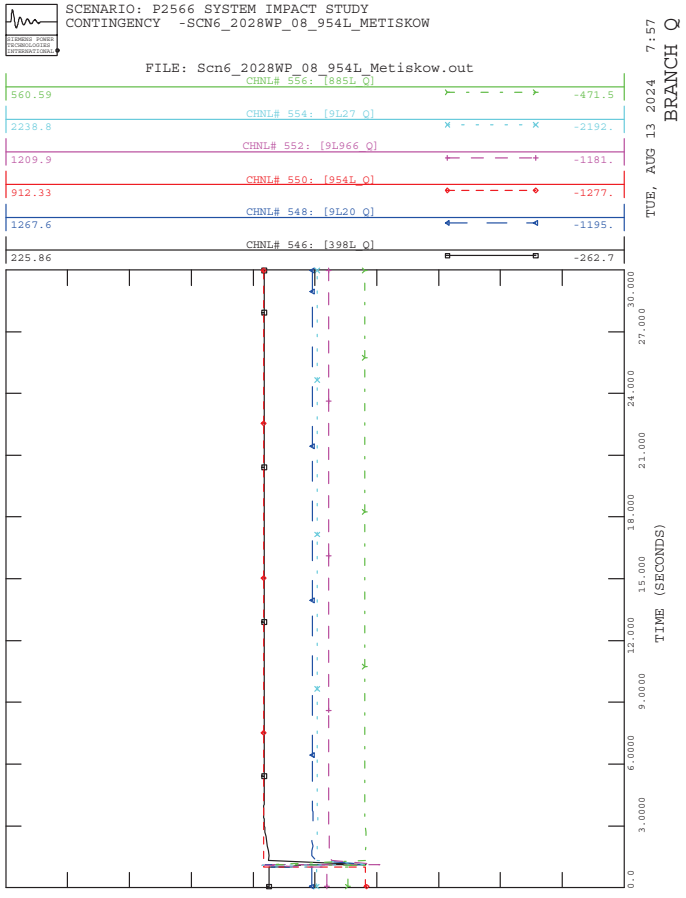
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4092 0.02450




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_08_954L_METISKOW
FILE: Scn6_2028WP_08_954L_Metiskow.out
CHNL# 555: [885L P]
1111.4
-790.0
CHNL# 553: [9L27 P]
994.39
-1214.
CHNL# 551: [9L966 P]
1726.4
-1223.
CHNL# 549: [954L P]
1067.2
-762.3
CHNL# 547: [9L20 P]
849.99
-1340.
CHNL# 545: [398L P]
234.52
-329.2
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_08_954L_METISKOW
FILE: Scn6_2028WP_08_954L_Metiskow.out
CHNL# 565: [715L P]
186.87
-260.3
CHNL# 571: [679L P]
109.54
-36.75
CHNL# 563: [680L P]
109.54
-36.75
CHNL# 561: [948L P]
233.98
-156.1
CHNL# 559: [7L224 P]
74.785
-234.7
CHNL# 557: [748L P]
41.453
-124.7
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_08_954L_METISKOW
FILE: Scn6_2028WP_08_954L_Metiskow.out
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.6219
0.03340
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.4107
0.50550
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.5710
0.17360
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.3207
0.63430
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.4671
0.40620
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

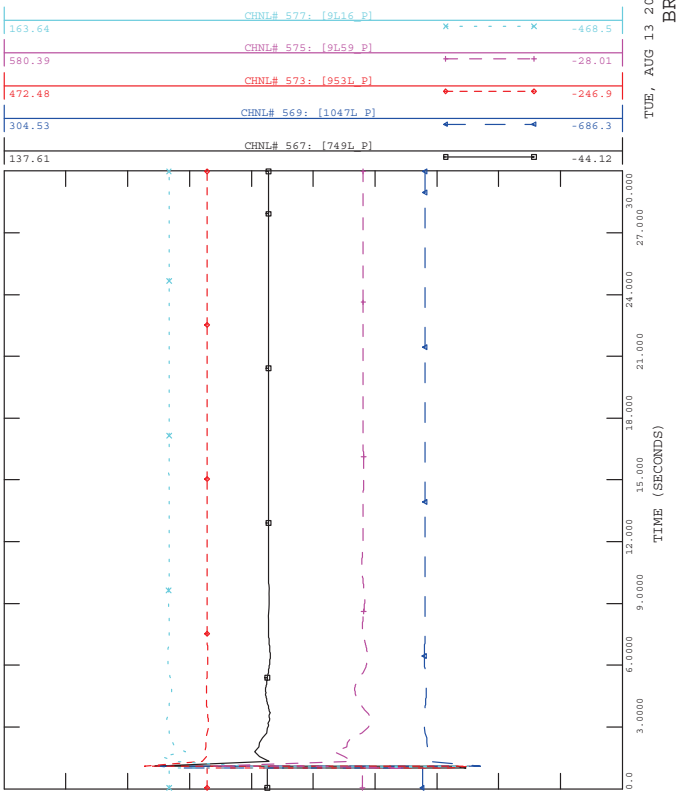

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_08_954L_METISKOW
FILE: Scn6_2028WP_08_954L_Metiskow.out
CHNL# 556: [885L Q]
560.59
-471.5
CHNL# 554: [9L27 Q]
2238.8
-2192.
CHNL# 552: [9L966 Q]
1209.9
-1181.
CHNL# 550: [954L Q]
912.33
-1277.
CHNL# 548: [9L20 Q]
1267.6
-1195.
CHNL# 546: [398L Q]
225.86
-262.7
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_08_954L_METISKOW

FILE: Scn6_2028WP_08_954L_Metiskow.out

TUE, AUG 13 2024 7:57

BRANCH P

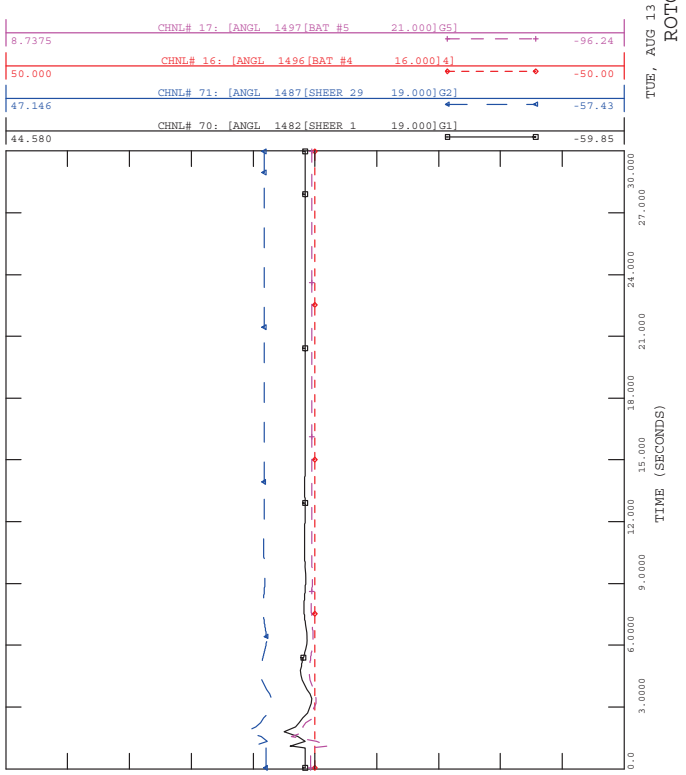


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_09_954L_HANSMANLAKE

FILE: Scn6_2028WP_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

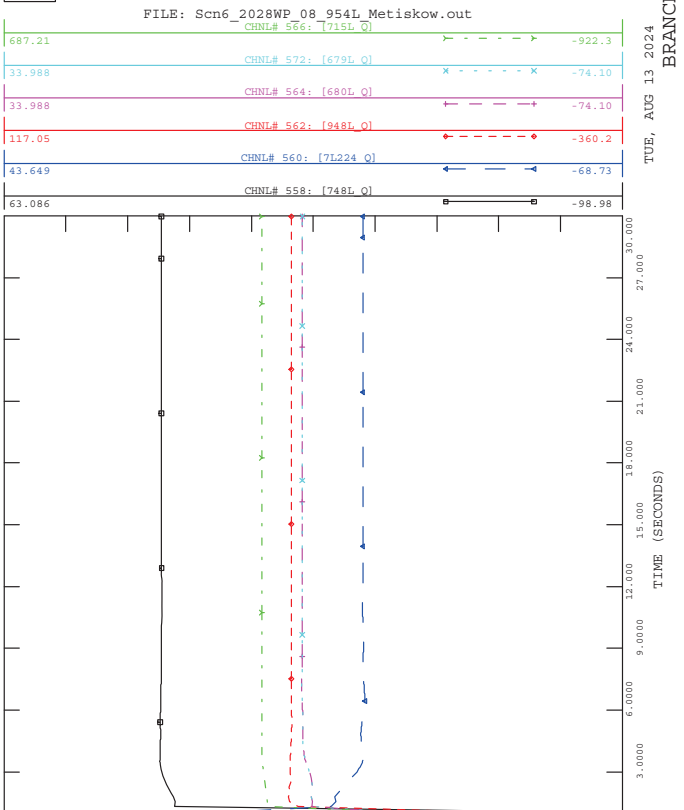


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_08_954L_METISKOW

FILE: Scn6_2028WP_08_954L_Metiskow.out

TUE, AUG 13 2024 7:57

BRANCH Q

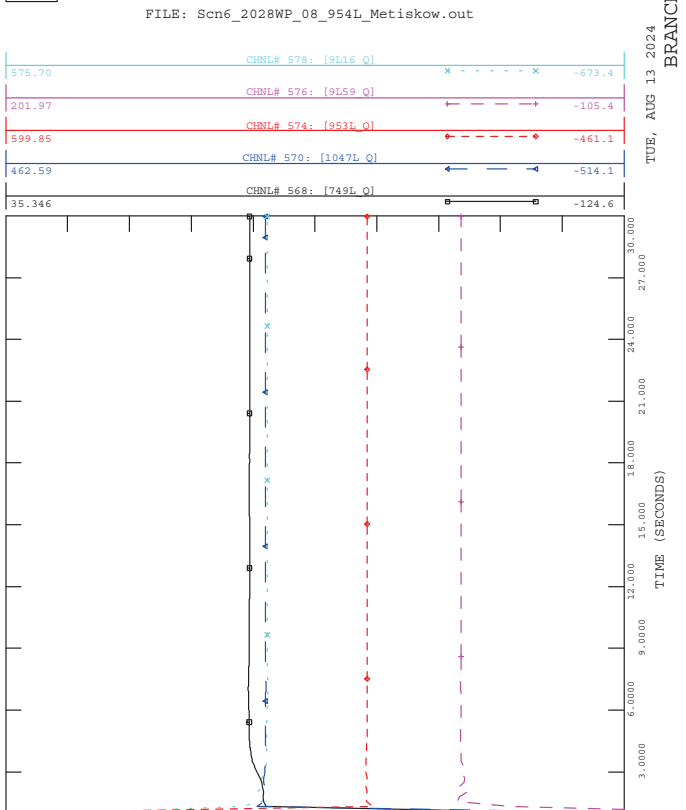


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_08_954L_METISKOW

FILE: Scn6_2028WP_08_954L_Metiskow.out

TUE, AUG 13 2024 7:57

BRANCH Q

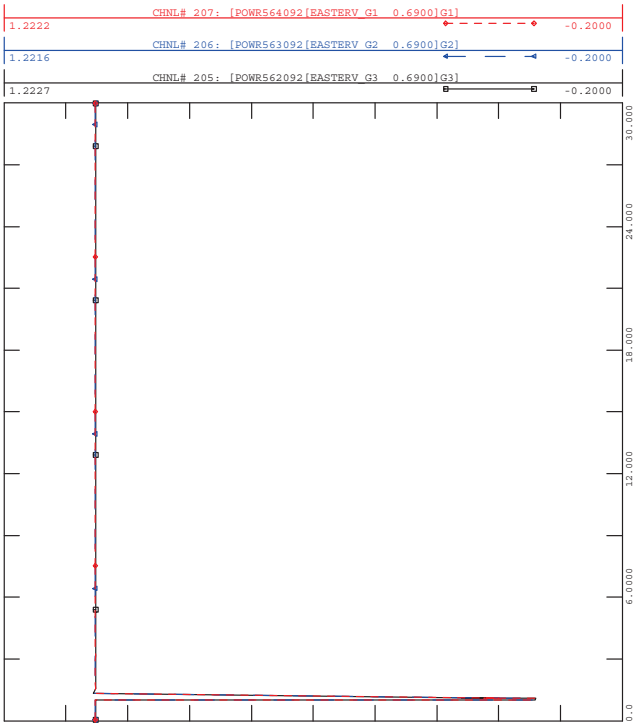


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_09_954L_HANSMANLAKE

FILE: Scn6_2028WP_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

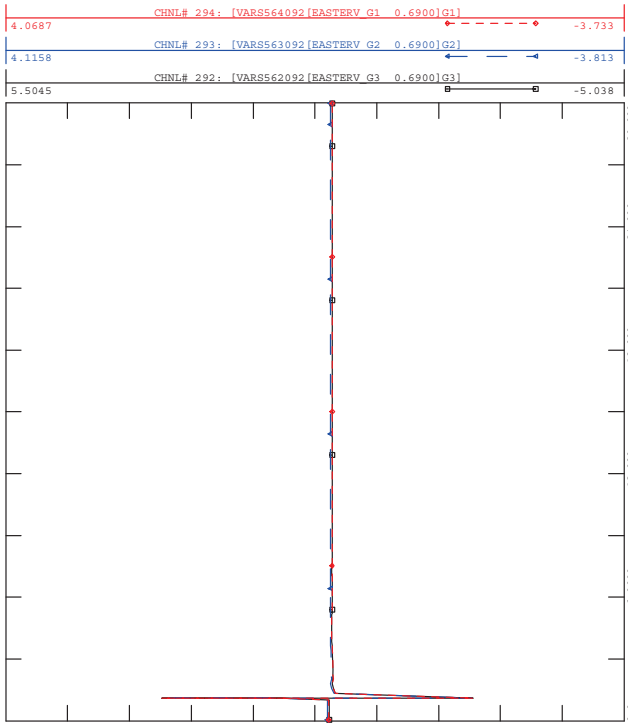


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_09_954L_HANSMANLAKE

FILE: Scn6_2028WP_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

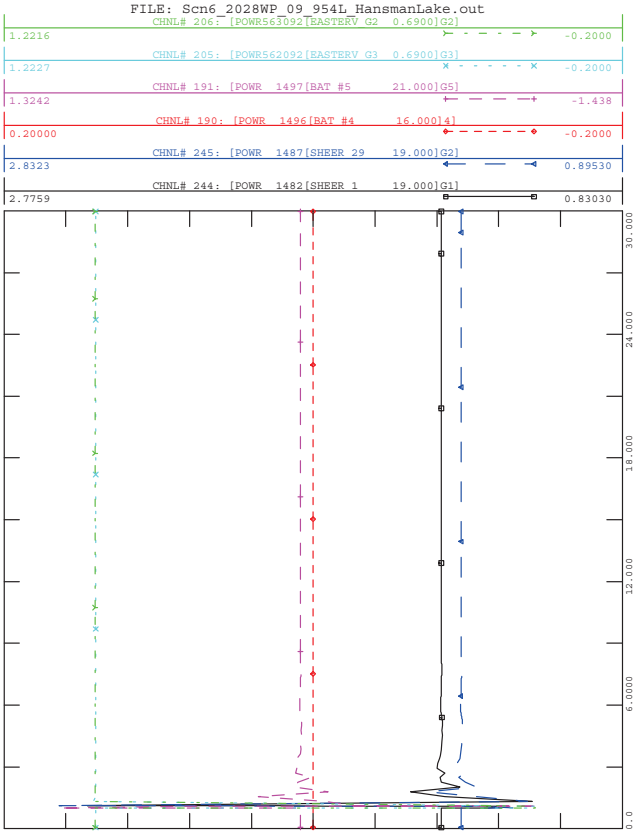


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_09_954L_HANSMANLAKE

FILE: Scn6_2028WP_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

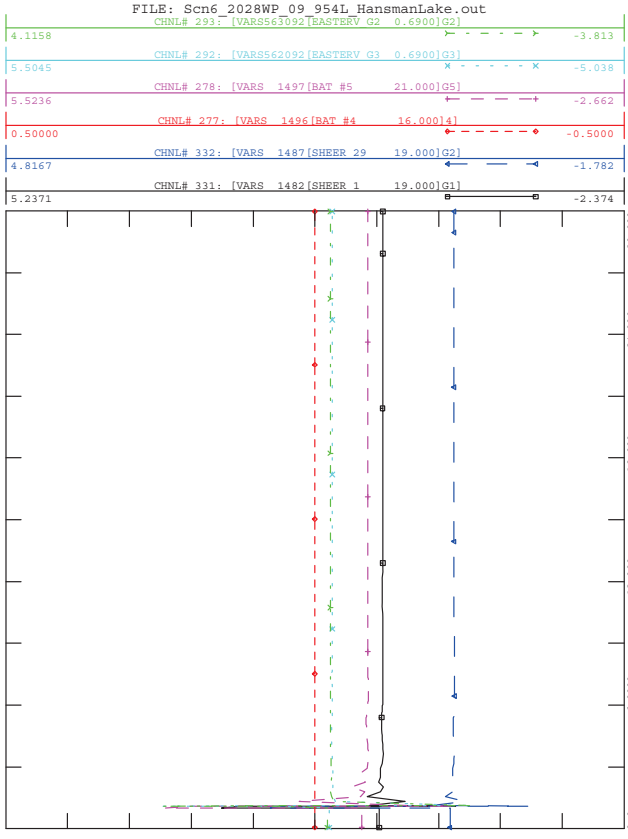


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_09_954L_HANSMANLAKE

FILE: Scn6_2028WP_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

REACTIVE POWER



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_09_954L_HANSMANLAKE

FILE: Scn6_2028WP_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.5867 0.02600

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5920 0.02660

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.6036 0.02670

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_09_954L_HANSMANLAKE

FILE: Scn6_2028WP_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.4525 0.03680

CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2823 0.52490

CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3741 0.18170

CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2331 0.65330

CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3095 0.42240

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_09_954L_HANSMANLAKE

FILE: Scn6_2028WP_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5920 0.02660

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.6036 0.02670

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2013 0.68710

CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2209 0.70680

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.2075 0.72000

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_09_954L_HANSMANLAKE

FILE: Scn6_2028WP_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILBY TP 138.00]]
1.3483 0.00460

CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4341 -0.0999

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.2727 0.18520

CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.3961 -0.0130

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.3721 -0.0039

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.3288 -0.0245

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_09_954L_HANSMANLAKE

FILE: Scn6_2028WP_09_954L_HansmanLake.out

CHNL# 556: [885L Q]
3416.3 -2510.
CHNL# 554: [9L27 Q]
1634.7 -1371.
CHNL# 552: [9L966 Q]
1115.1 -1127.
CHNL# 550: [954L Q]
92.328 -129.3
CHNL# 548: [9L20 Q]
973.32 -771.0
CHNL# 546: [398L Q]
148.83 -155.1

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

TUE, AUG 13 2024 7:57 BRANCH Q

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_09_954L_HANSMANLAKE

FILE: Scn6_2028WP_09_954L_HansmanLake.out

CHNL# 566: [715L Q]
431.21 -564.1
CHNL# 572: [679L Q]
191.35 -126.2
CHNL# 564: [680L Q]
191.35 -126.2
CHNL# 562: [948L Q]
181.31 -544.2
CHNL# 560: [7L224 Q]
164.16 -403.9
CHNL# 558: [748L Q]
62.499 -67.84

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

TUE, AUG 13 2024 7:57 BRANCH Q

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_09_954L_HANSMANLAKE

FILE: Scn6_2028WP_09_954L_HansmanLake.out

CHNL# 555: [885L P]
667.44 -470.0
CHNL# 553: [9L27 P]
984.94 -1203.
CHNL# 551: [9L966 P]
1615.2 -1143.
CHNL# 549: [954L P]
107.80 -77.00
CHNL# 547: [9L20 P]
722.94 -1181.
CHNL# 545: [398L P]
189.31 -266.6

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

TUE, AUG 13 2024 7:57 BRANCH P

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_09_954L_HANSMANLAKE

FILE: Scn6_2028WP_09_954L_HansmanLake.out

CHNL# 565: [715L P]
196.01 -272.3
CHNL# 571: [679L P]
149.65 -42.19
CHNL# 563: [680L P]
149.65 -42.19
CHNL# 561: [948L P]
235.80 -160.1
CHNL# 559: [7L224 P]
59.819 -196.5
CHNL# 557: [748L P]
39.677 -107.9

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

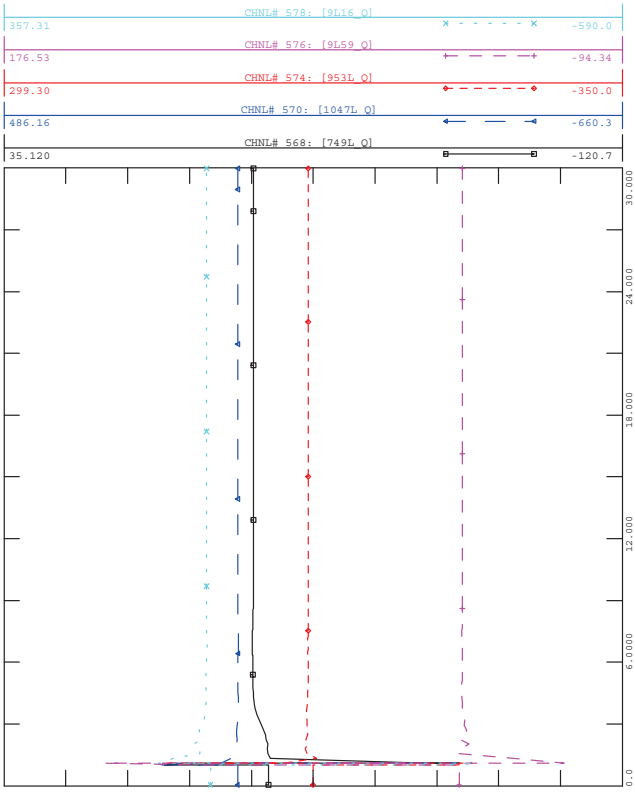
TUE, AUG 13 2024 7:57 BRANCH P

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_09_954L_HANSMANLAKE

FILE: Scn6_2028WP_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

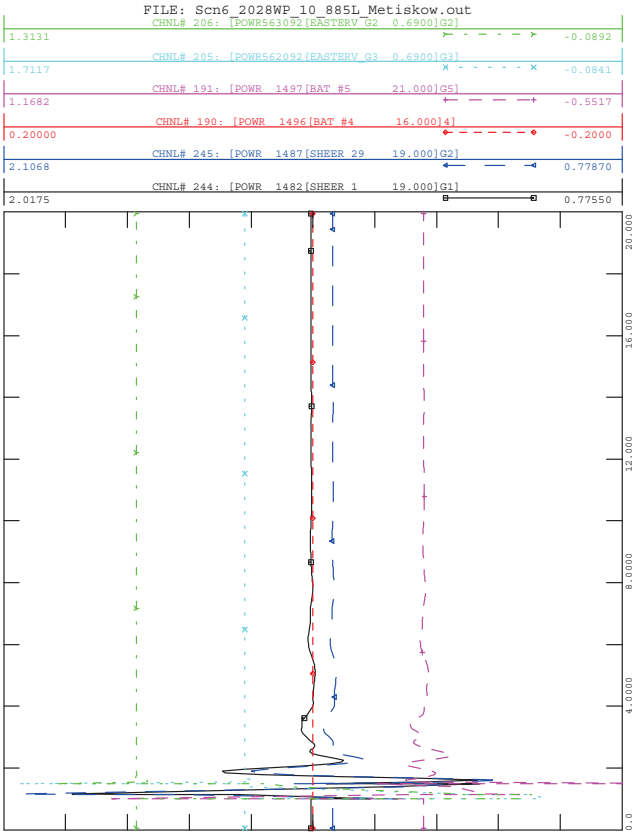


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_10_885L_METISKOW

FILE: Scn6_2028WP_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

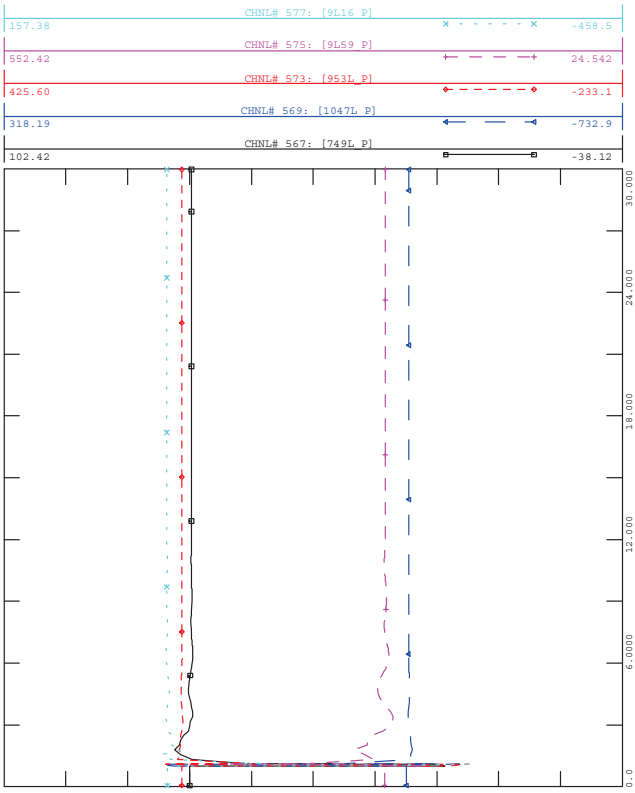


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_09_954L_HANSMANLAKE

FILE: Scn6_2028WP_09_954L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

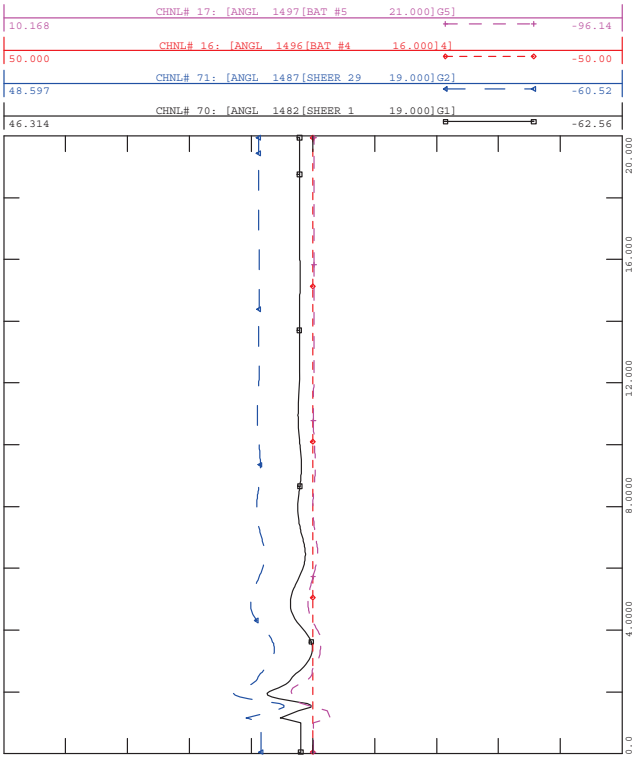


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_10_885L_METISKOW

FILE: Scn6_2028WP_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_10_885L_METISKOW

FILE: Scn6_2028WP_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV_G2 0.6900]G2]
1.4798 -1.222

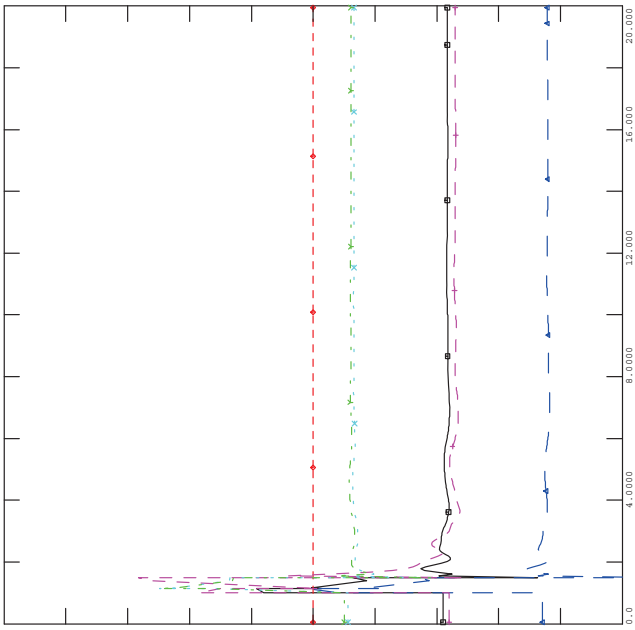
CHNL# 292: [VARS562092[EASTERV_G3 0.6900]G3]
1.9951 -1.602

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
4.6962 -0.7009

CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000 -0.5000

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
4.1332 -0.5243

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
4.4477 -0.9109



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_10_885L_METISKOW

FILE: Scn6_2028WP_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRMS63092[EASTERV_G2 0.6900]G2]
1.3188 0.23420

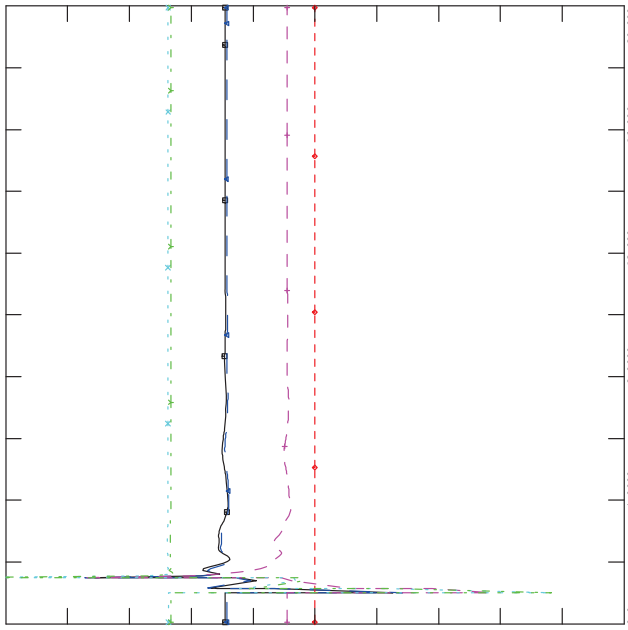
CHNL# 466: [ETRMS62092[EASTERV_G3 0.6900]G3]
1.3074 0.23360

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2962 0.73330

CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1648 0.73200

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1564 0.74360



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_10_885L_METISKOW

FILE: Scn6_2028WP_10_885L_Metiskow.out

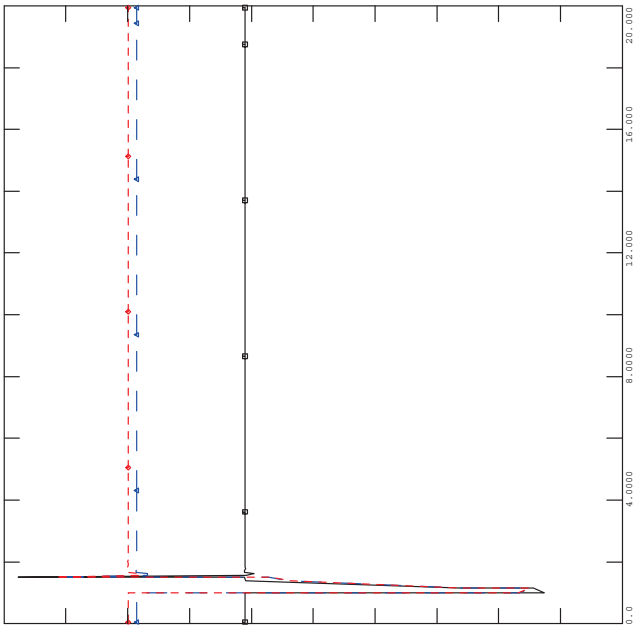
TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV_G1 0.6900]G1]
1.2886 -0.0905

CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2]
1.3131 -0.0892

CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3]
1.7117 -0.0841



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_10_885L_METISKOW

FILE: Scn6_2028WP_10_885L_Metiskow.out

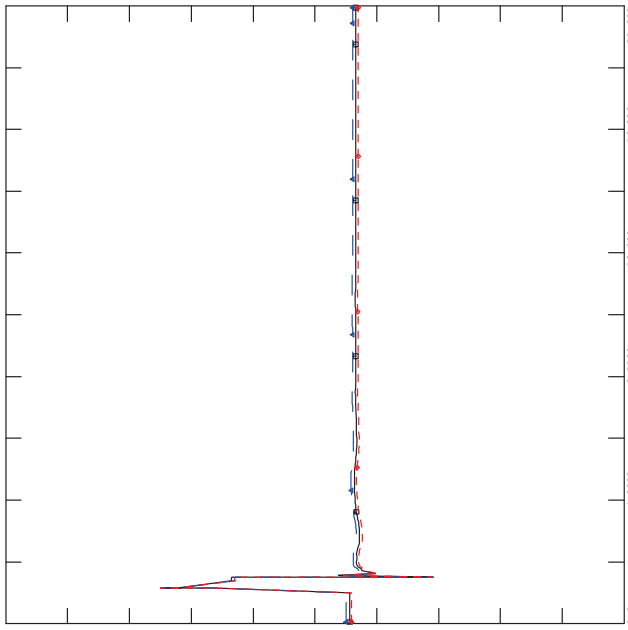
TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV_G1 0.6900]G1]
1.4528 -1.157

CHNL# 293: [VARS563092[EASTERV_G2 0.6900]G2]
1.4798 -1.222

CHNL# 292: [VARS562092[EASTERV_G3 0.6900]G3]
1.9951 -1.602



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_10_885L_METISKOW

FILE: Scn6_2028WP_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4555 -0.0571

CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4831 0.17900

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3627 0.30000

CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.5273 -0.0775

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4903 -0.0666

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4261 -0.0999

0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_10_885L_METISKOW

FILE: Scn6_2028WP_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
5000.0 -5000.

CHNL# 553: [9L27 P]
618.93 -862.8

CHNL# 551: [9L966 P]
1028.7 -636.0

CHNL# 549: [954L P]
477.31 -337.0

CHNL# 547: [9L20 P]
582.94 -1093.

CHNL# 545: [398L P]
433.57 -526.0

0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_10_885L_METISKOW

FILE: Scn6_2028WP_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.3177 0.23290

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3188 0.23420

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3074 0.23360

0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_10_885L_METISKOW

FILE: Scn6_2028WP_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.4336 0.25250

CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3184 0.60230

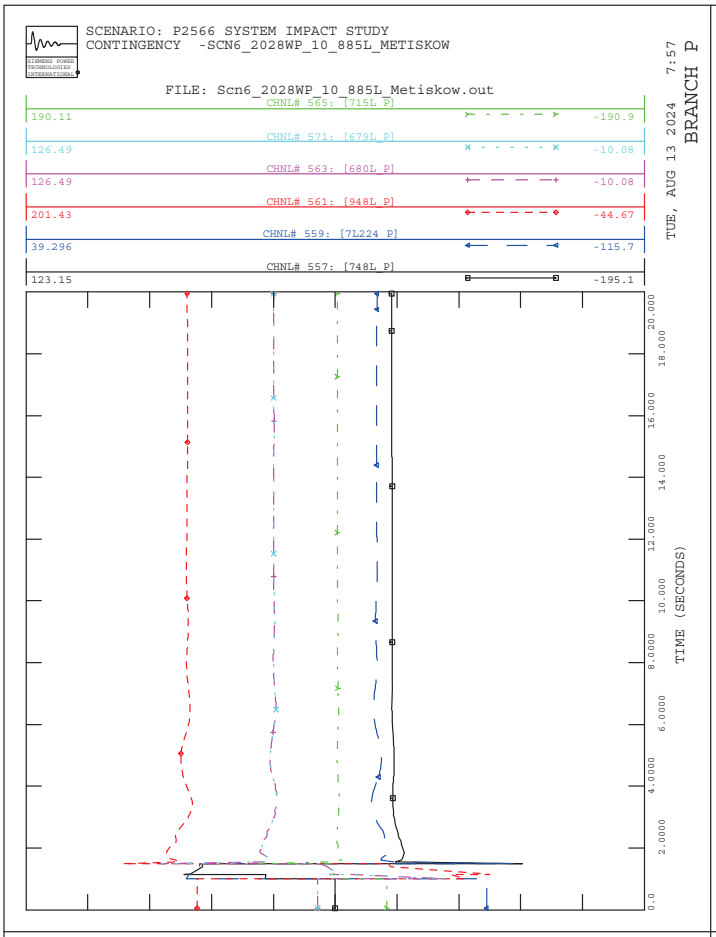
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4058 0.33620

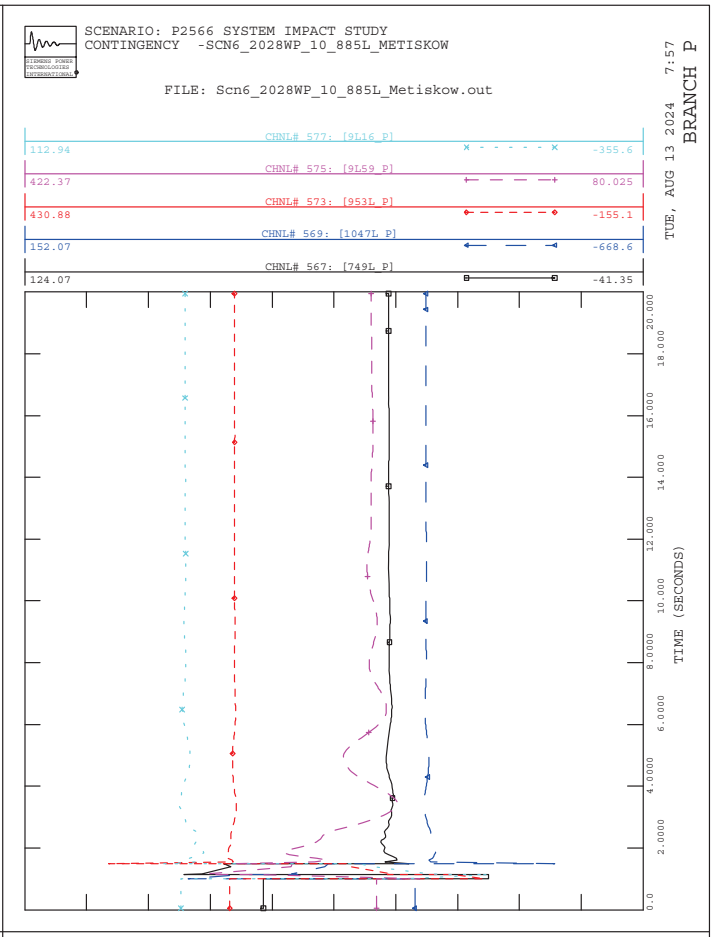
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2600 0.70120

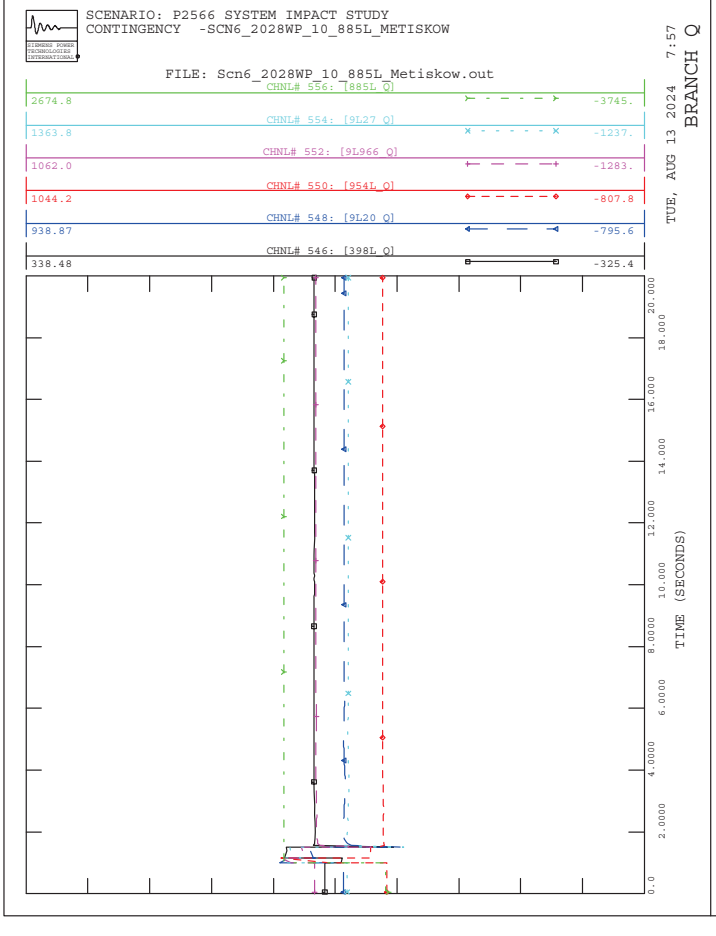
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3484 0.53150

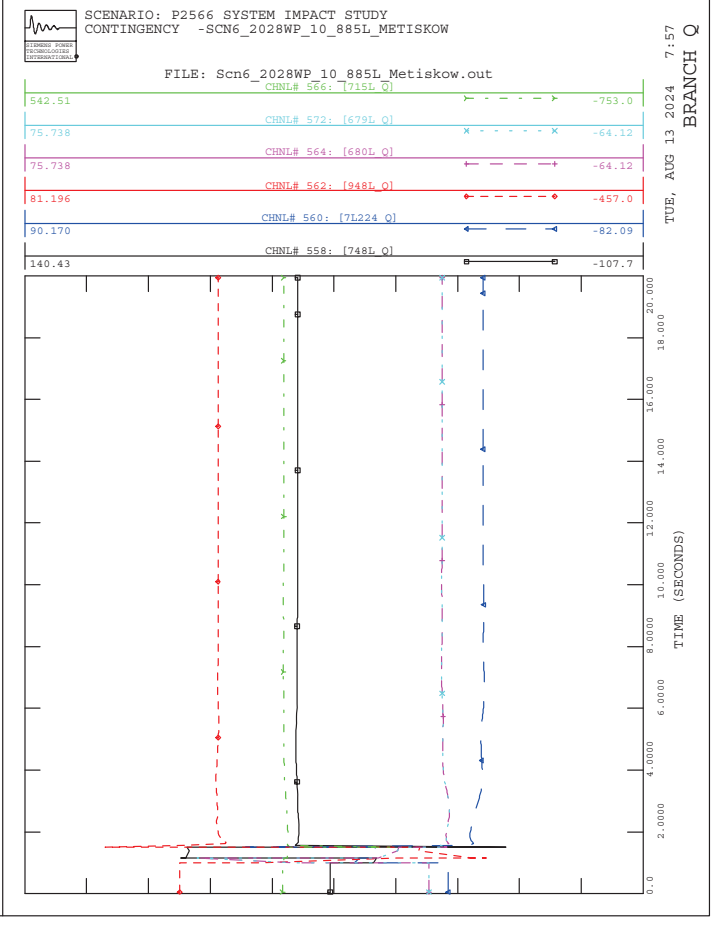
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TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_10_885L_METISKOW
FILE: Scn6_2028WP_10_885L_Metiskow.out
CHNL# 565: [715L P]
190.11
-190.9
CHNL# 571: [679L P]
126.49
-10.08
CHNL# 563: [680L P]
126.49
-10.08
CHNL# 561: [948L P]
201.43
-44.67
CHNL# 559: [7L224 P]
39.296
-115.7
CHNL# 557: [748L P]
123.15
-195.1
BRANCH P
TUE, AUG 13 2024 7:57
TIME (SECONDS)
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SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_10_885L_METISKOW
FILE: Scn6_2028WP_10_885L_Metiskow.out
CHNL# 577: [9L16 P]
112.94
-355.6
CHNL# 575: [9L59 P]
422.37
80.025
CHNL# 573: [953L P]
430.88
-155.1
CHNL# 569: [1047L P]
152.07
-668.6
CHNL# 567: [749L P]
124.07
-41.35
BRANCH P
TUE, AUG 13 2024 7:57
TIME (SECONDS)
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12.000
14.000
16.000
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SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_10_885L_METISKOW
FILE: Scn6_2028WP_10_885L_Metiskow.out
CHNL# 556: [885L Q]
2674.8
-3745.
CHNL# 554: [9L27 Q]
1363.8
-1237.
CHNL# 552: [9L966 Q]
1062.0
-1283.
CHNL# 550: [954L Q]
1044.2
-807.8
CHNL# 548: [9L20 Q]
938.87
-795.6
CHNL# 546: [398L Q]
338.48
-325.4
BRANCH Q
TUE, AUG 13 2024 7:57
TIME (SECONDS)
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12.000
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20.000

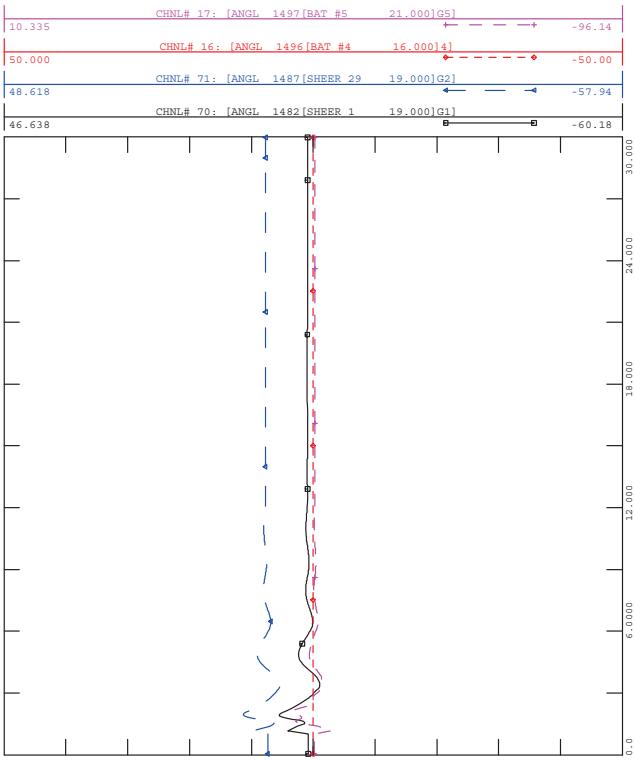

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_10_885L_METISKOW
FILE: Scn6_2028WP_10_885L_Metiskow.out
CHNL# 566: [715L Q]
542.51
-753.0
CHNL# 572: [679L Q]
75.738
-64.12
CHNL# 564: [680L Q]
75.738
-64.12
CHNL# 562: [948L Q]
81.196
-457.0
CHNL# 560: [7L224 Q]
90.170
-82.09
CHNL# 558: [748L Q]
140.43
-107.7
BRANCH Q
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_11_885L_HANSMANLAKE

FILE: Scn6_2028WP_11_885L_HansmanLake.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

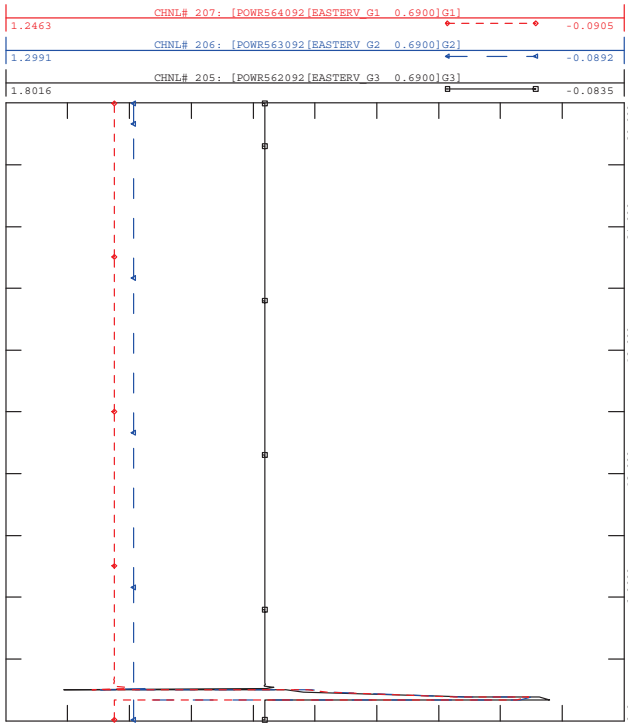


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_11_885L_HANSMANLAKE

FILE: Scn6_2028WP_11_885L_HansmanLake.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

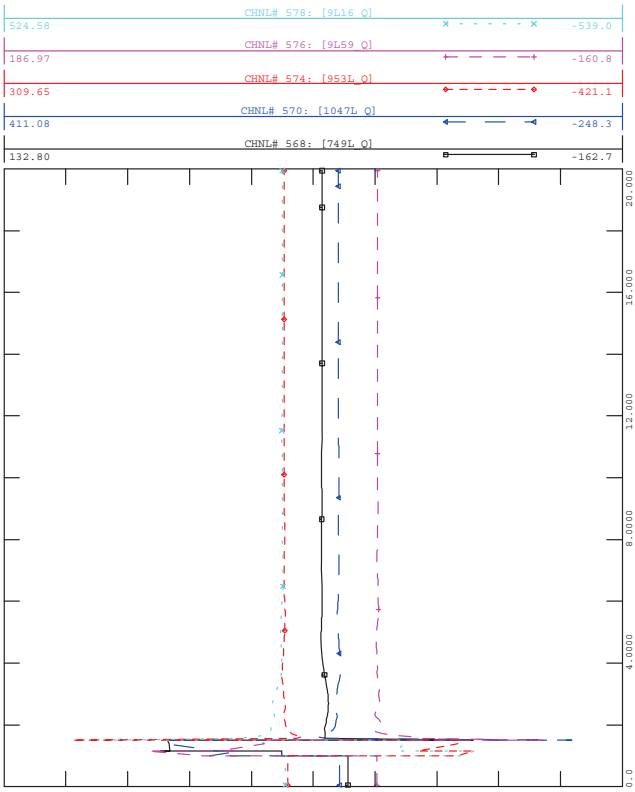


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_10_885L_METISKOW

FILE: Scn6_2028WP_10_885L_Metiskow.out

TUE, AUG 13 2024 7:57

BRANCH Q

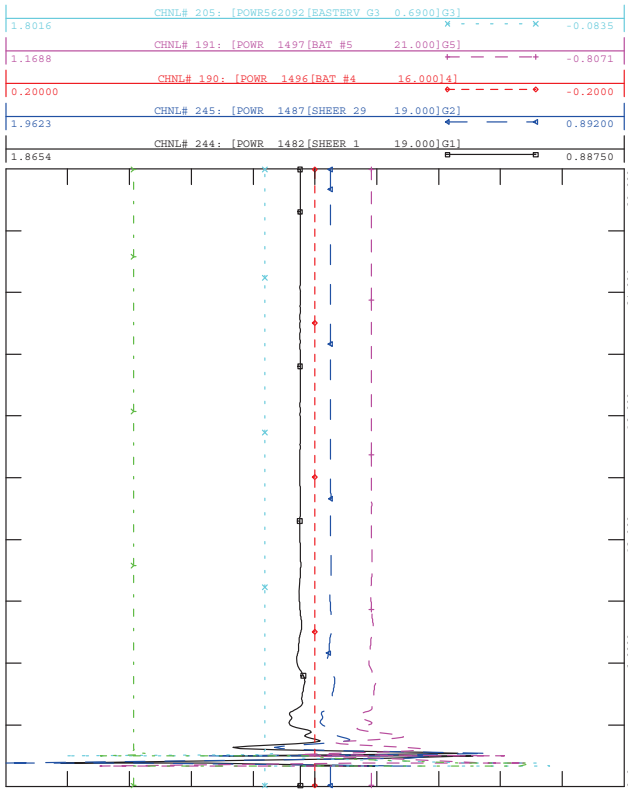


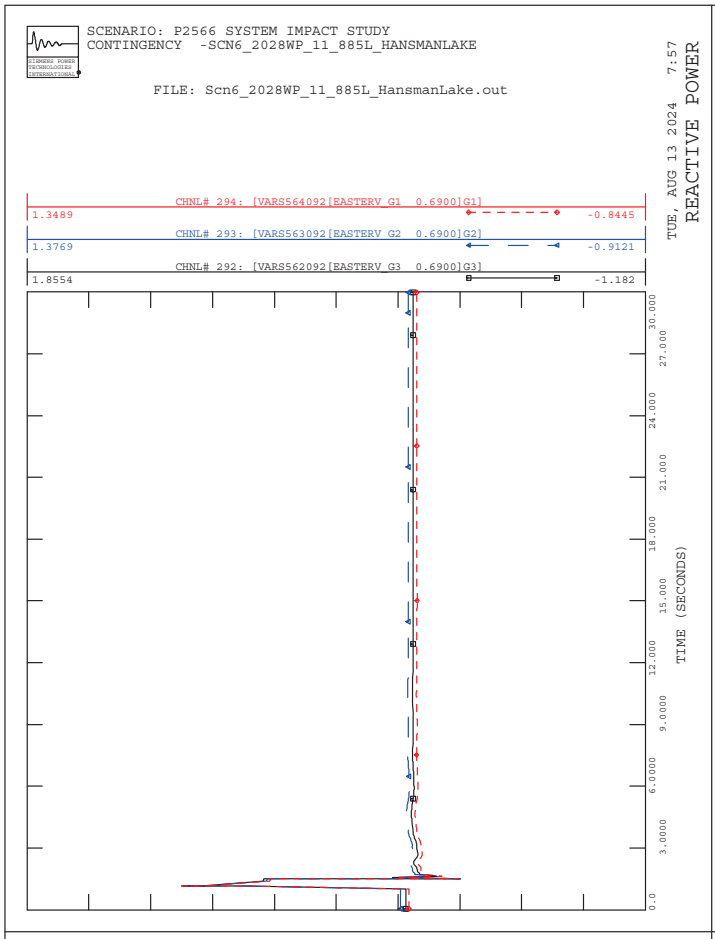
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_11_885L_HANSMANLAKE

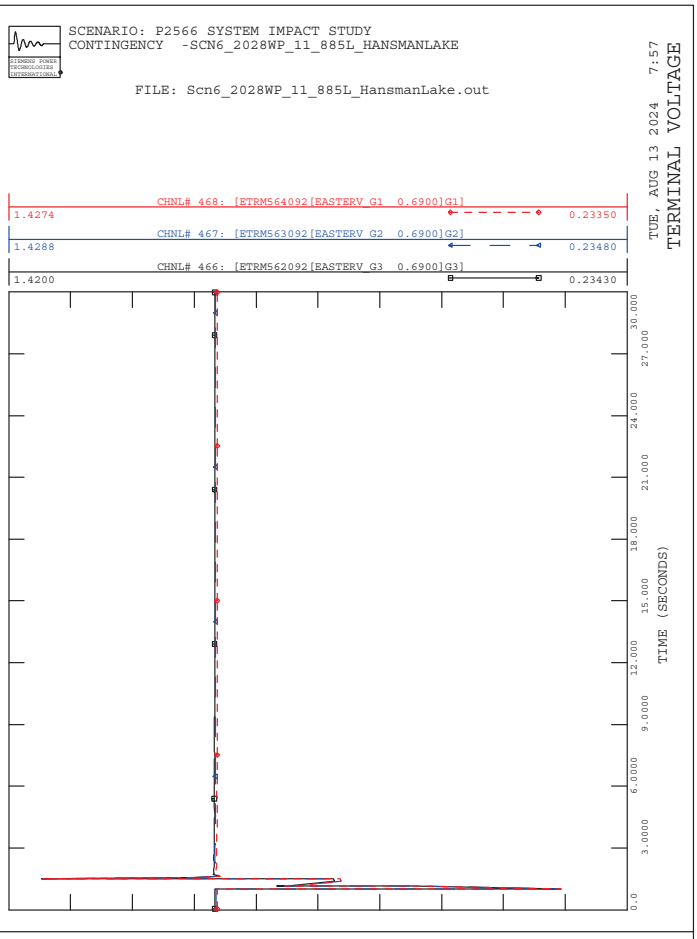
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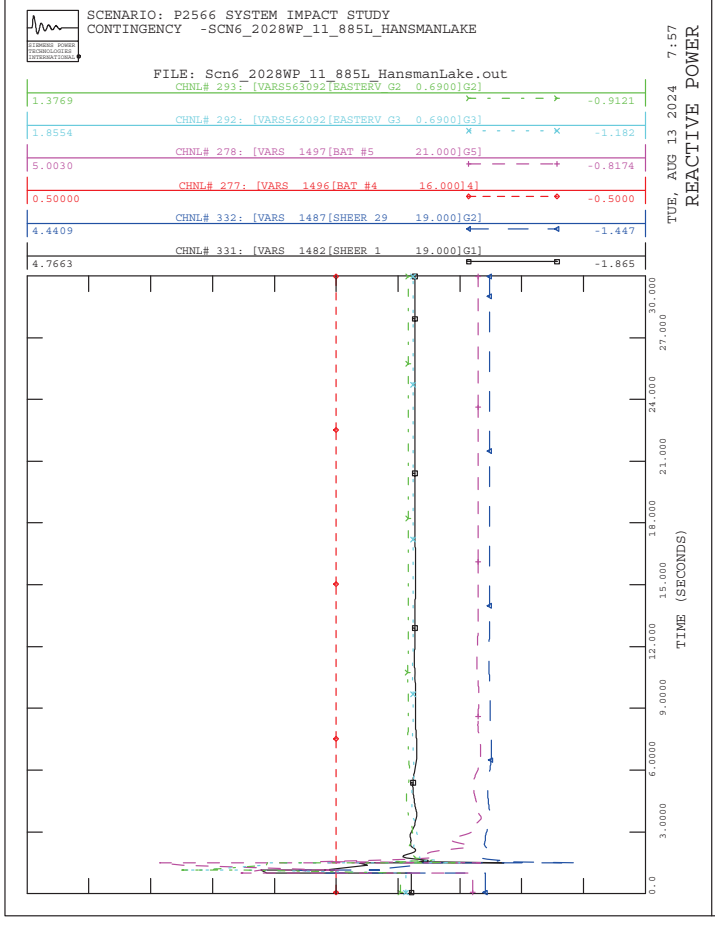
TUE, AUG 13 2024 7:57

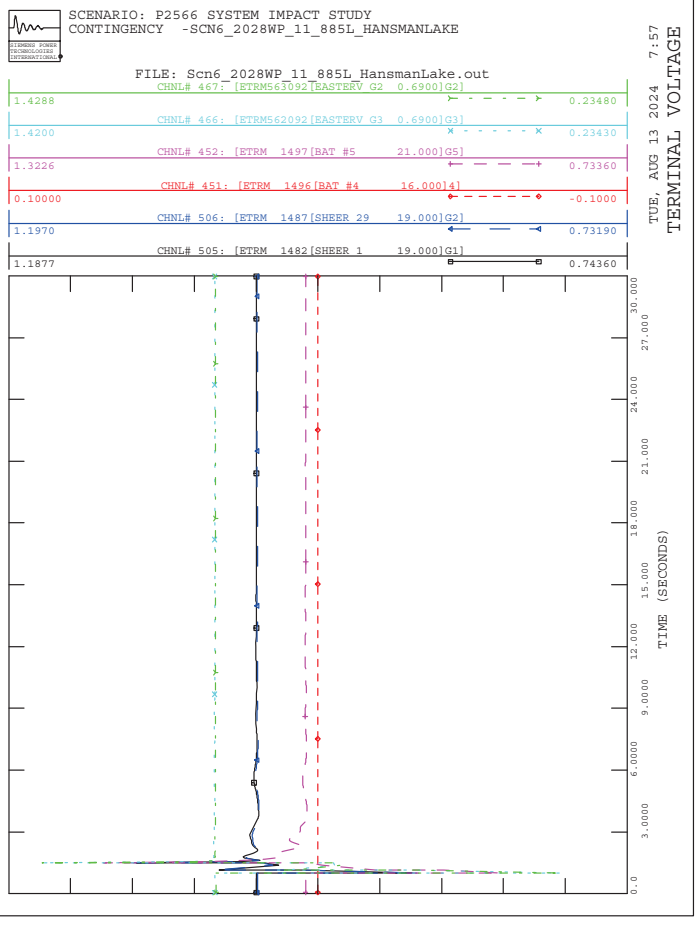
ACTIVE POWER




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_11_885L_HANSMANLAKE
FILE: Scn6_2028WP_11_885L_HansmanLake.out
TUE, AUG 13 2024 7:57
REACTIVE POWER
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.3489
-0.8445
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.3769
-0.9121
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.8554
-1.182
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_11_885L_HANSMANLAKE
FILE: Scn6_2028WP_11_885L_HansmanLake.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.4274
0.23350
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4288
0.23480
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4200
0.23430
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
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SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_11_885L_HANSMANLAKE
FILE: Scn6_2028WP_11_885L_HansmanLake.out
TUE, AUG 13 2024 7:57
REACTIVE POWER
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.3769
-0.9121
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.8554
-1.182
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
5.0030
-0.8174
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000
-0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
4.4409
-1.447
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
4.7663
-1.865
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_11_885L_HANSMANLAKE
FILE: Scn6_2028WP_11_885L_HansmanLake.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4288
0.23480
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4200
0.23430
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.3226
0.73360
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000
-0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1970
0.73190
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1877
0.74360
TIME (SECONDS)
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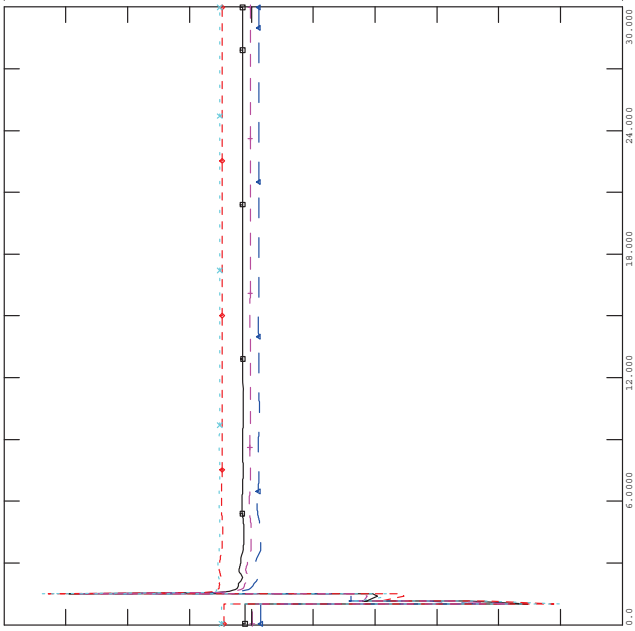
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_11_885L_HANSMANLAKE

FILE: Scn6_2028WP_11_885L_HansmanLake.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.5210 0.25320
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3580 0.60270
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4777 0.33730
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2851 0.70140
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3959 0.53200



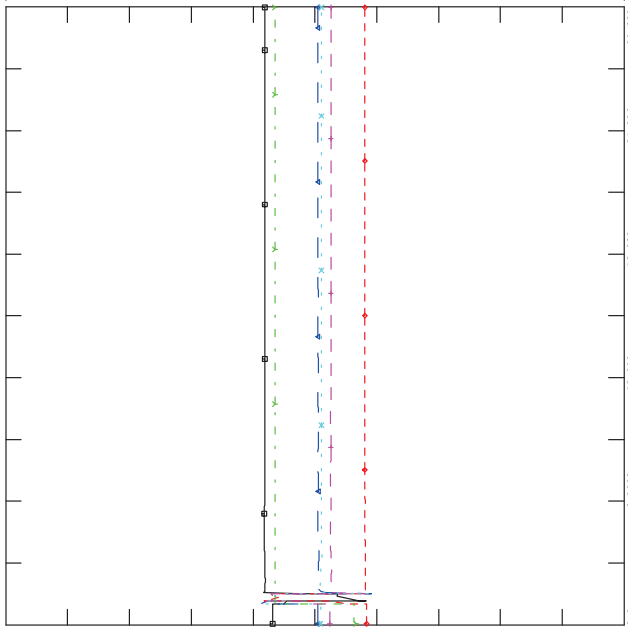
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_11_885L_HANSMANLAKE

FILE: Scn6_2028WP_11_885L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L Q]
40.000 -51.91
CHNL# 554: [9L27 Q]
1487.7 -1410.
CHNL# 552: [9L966 Q]
1463.9 -1392.
CHNL# 550: [954L Q]
3003.2 -2207.
CHNL# 548: [9L20 Q]
1014.0 -901.2
CHNL# 546: [398L Q]
407.87 -496.8



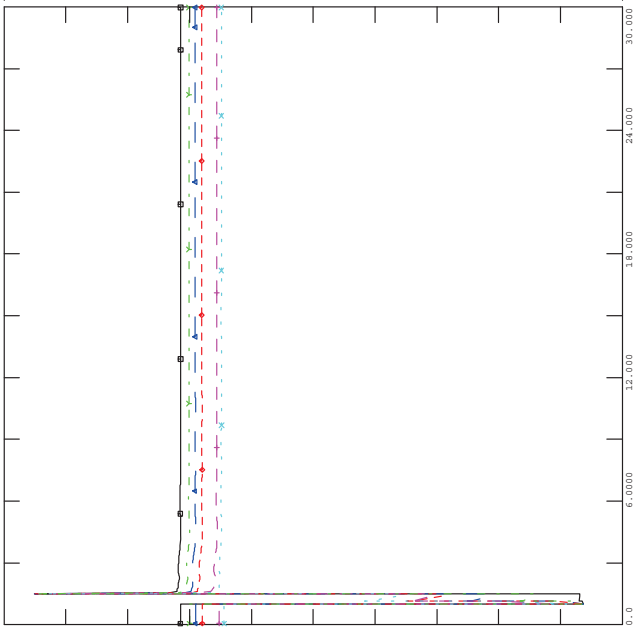
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_11_885L_HANSMANLAKE

FILE: Scn6_2028WP_11_885L_HansmanLake.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRV TP 138.00]]
1.5176 -0.0528
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5723 0.17930
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4282 0.30170
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.5770 -0.0768
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.5465 -0.0640
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4984 -0.0926



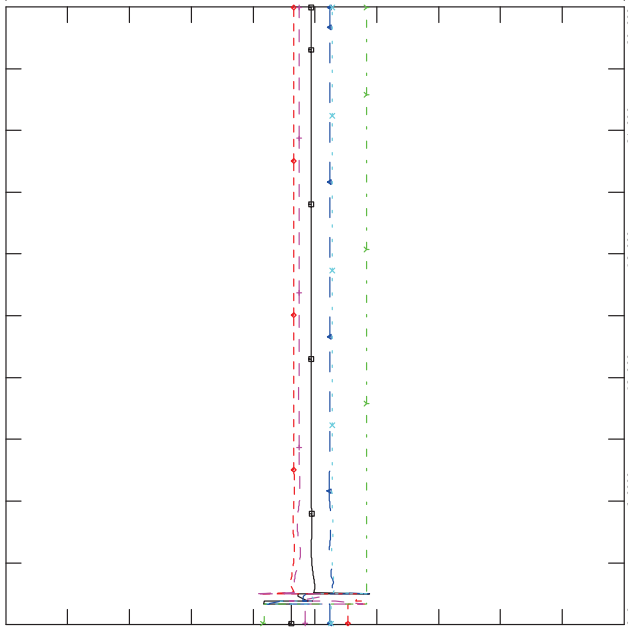
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_11_885L_HANSMANLAKE

FILE: Scn6_2028WP_11_885L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
530.21 -378.7
CHNL# 553: [9L27 P]
754.99 -1053.
CHNL# 551: [9L966 P]
1265.9 -805.5
CHNL# 549: [954L P]
530.68 -374.3
CHNL# 547: [9L20 P]
713.93 -1277.
CHNL# 545: [398L P]
394.28 -551.6



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_11_885L_HANSMANLAKE

FILE: Scn6_2028WP_11_885L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 566: [715L Q] 504.60 -525.3
CHNL# 572: [679L Q] 142.07 -74.92
CHNL# 564: [680L Q] 142.07 -74.92
CHNL# 562: [948L Q] 161.14 -449.5
CHNL# 560: [7L224 Q] 39.867 -114.3
CHNL# 558: [748L Q] 88.765 -134.9

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_11_885L_HANSMANLAKE

FILE: Scn6_2028WP_11_885L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16 Q] 588.86 -558.3
CHNL# 576: [9L59 Q] 232.04 -138.8
CHNL# 574: [953L Q] 437.88 -498.8
CHNL# 570: [1047L Q] 357.40 -353.4
CHNL# 568: [749L Q] 39.437 -99.39

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_11_885L_HANSMANLAKE

FILE: Scn6_2028WP_11_885L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 565: [715L P] 447.76 -417.3
CHNL# 571: [679L P] 136.05 -10.23
CHNL# 563: [680L P] 136.05 -10.23
CHNL# 561: [948L P] 244.06 -52.66
CHNL# 559: [7L224 P] 43.333 -130.3
CHNL# 557: [748L P] 73.433 -219.1

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_11_885L_HANSMANLAKE

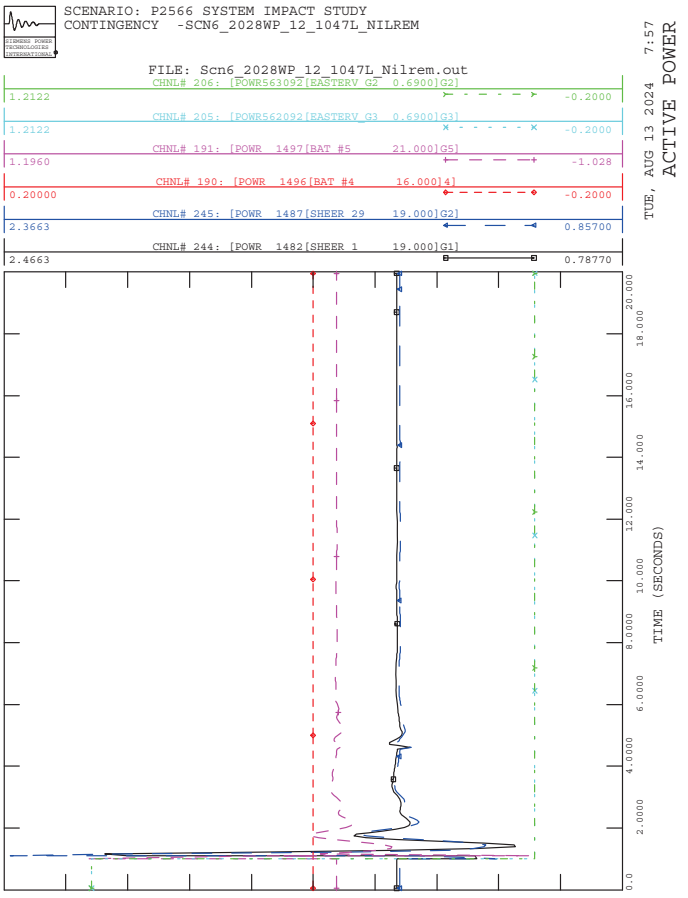
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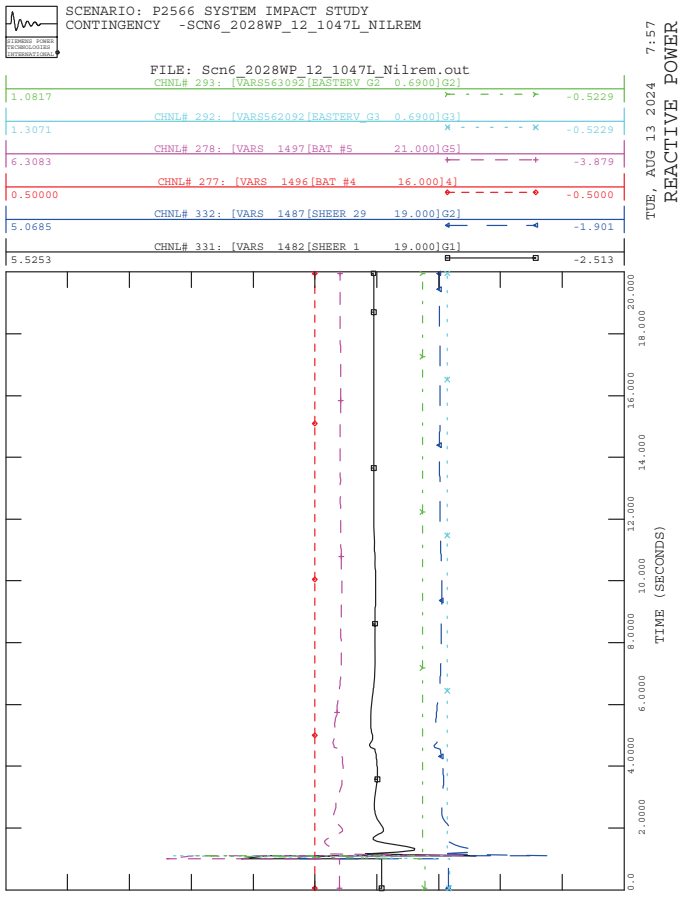
TUE, AUG 13 2024 7:57

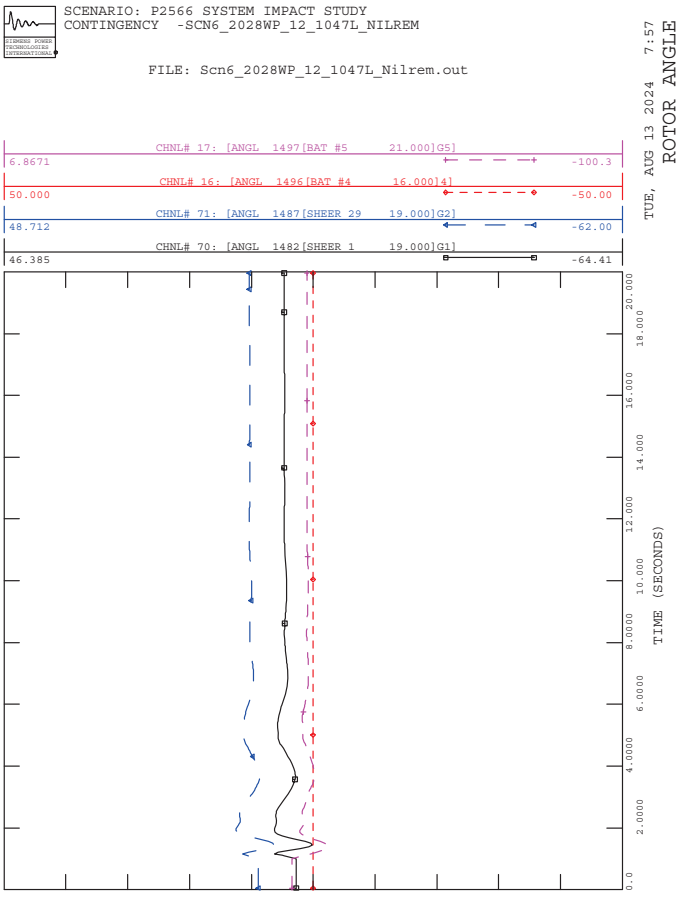
BRANCH P

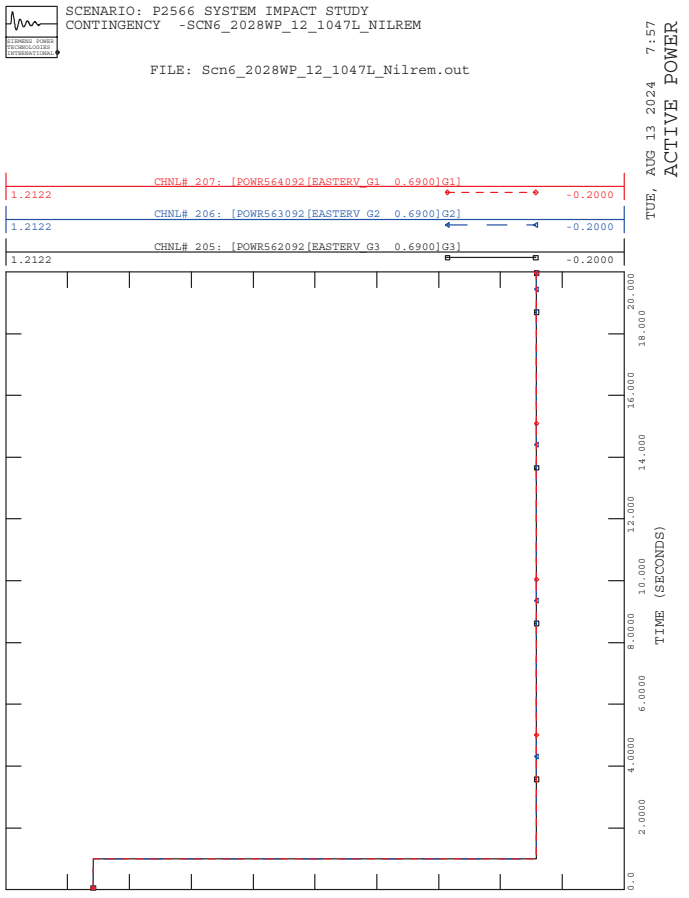
CHNL# 577: [9L16 P] 172.84 -374.7
CHNL# 575: [9L59 P] 437.08 75.053
CHNL# 573: [953L P] 524.19 -186.1
CHNL# 569: [1047L P] 192.46 -788.9
CHNL# 567: [749L P] 100.00 -41.94

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_12_1047L_NILREM
FILE: Scn6_2028WP_12_1047L_Nilrem.out
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2122
-0.2000
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2122
-0.2000
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.1960
-1.028
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000
-0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
2.3663
0.85700
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
2.4663
0.78770
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_12_1047L_NILREM
FILE: Scn6_2028WP_12_1047L_Nilrem.out
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.0817
-0.5229
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.3071
-0.5229
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
6.3083
-3.879
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000
-0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
5.0685
-1.901
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
5.5253
-2.513
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_12_1047L_NILREM
FILE: Scn6_2028WP_12_1047L_Nilrem.out
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
6.8671
-100.3
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000
-50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
48.712
-62.00
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
46.385
-64.41
TUE, AUG 13 2024 7:57
ROTOR ANGLE
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_12_1047L_NILREM
FILE: Scn6_2028WP_12_1047L_Nilrem.out
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2122
-0.2000
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2122
-0.2000
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2122
-0.2000
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_12_1047L_NILREM

FILE: Scn6_2028WP_12_1047L_Nilrem.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV_G2 0.6900]G2]
1.1267 -0.1000

CHNL# 466: [ETRM562092[EASTERV_G3 0.6900]G3]
1.1234 -0.1000

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2478 0.64410

CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2461 0.68510

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.2324 0.69980

0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_12_1047L_NILREM

FILE: Scn6_2028WP_12_1047L_Nilrem.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.7143 0.11010

CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.8107 0.09960

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4062 -0.0141

CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.7614 0.09530

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.7385 0.10290

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.7158 0.09470

0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_12_1047L_NILREM

FILE: Scn6_2028WP_12_1047L_Nilrem.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV_G1 0.6900]G1]
1.0791 -0.5229

CHNL# 293: [VARS563092[EASTERV_G2 0.6900]G2]
1.0817 -0.5229

CHNL# 292: [VARS562092[EASTERV_G3 0.6900]G3]
1.3071 -0.5229

0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_12_1047L_NILREM

FILE: Scn6_2028WP_12_1047L_Nilrem.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV_G1 0.6900]G1]
1.1226 -0.1000

CHNL# 467: [ETRM563092[EASTERV_G2 0.6900]G2]
1.1267 -0.1000

CHNL# 466: [ETRM562092[EASTERV_G3 0.6900]G3]
1.1234 -0.1000

0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000

TIME (SECONDS)

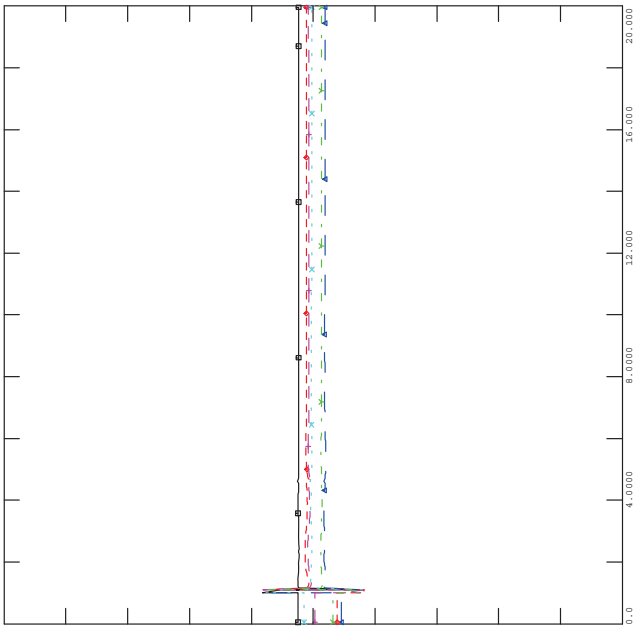
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CONTINGENCY -SCN6_2028WP_12_1047L_NILREM

FILE: Scn6_2028WP_12_1047L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
1388.7 -966.5
CHNL# 553: [9L27 P]
1207.9 -1688.
CHNL# 551: [9L966 P]
1648.9 -1108.
CHNL# 549: [954L P]
347.32 -240.9
CHNL# 547: [9L20 P]
825.04 -1290.
CHNL# 545: [398L P]
286.47 -406.6



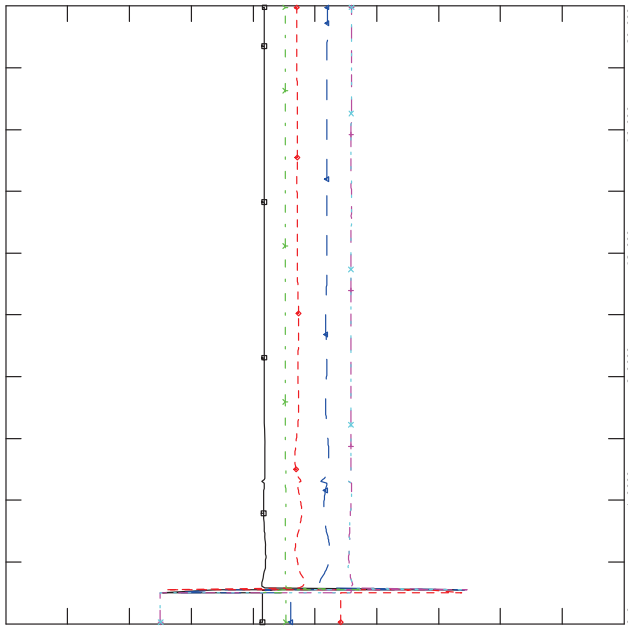
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_12_1047L_NILREM

FILE: Scn6_2028WP_12_1047L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 565: [715L P]
380.27 -529.8
CHNL# 571: [679L P]
112.62 -89.61
CHNL# 563: [680L P]
112.62 -89.61
CHNL# 561: [948L P]
439.19 -125.5
CHNL# 559: [7L224 P]
63.915 -239.9
CHNL# 557: [748L P]
51.176 -159.1



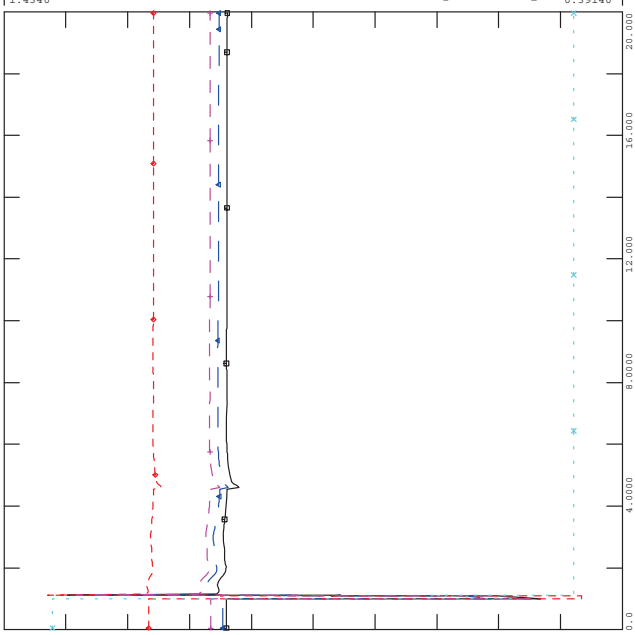
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_12_1047L_NILREM

FILE: Scn6_2028WP_12_1047L_Nilrem.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.1750 -0.1000
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3582 0.45050
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4286 -0.0972
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2855 0.59910
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.4340 0.39140



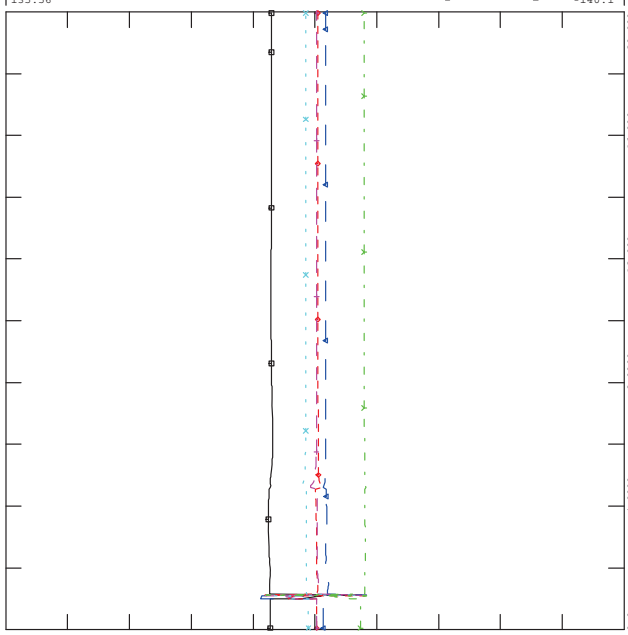
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_12_1047L_NILREM

FILE: Scn6_2028WP_12_1047L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L Q]
732.49 -562.1
CHNL# 554: [9L27 Q]
2268.4 -2340.
CHNL# 552: [9L966 Q]
2012.4 -2052.
CHNL# 550: [954L Q]
333.65 -401.4
CHNL# 548: [9L20 Q]
1244.0 -1085.
CHNL# 546: [398L Q]
135.56 -140.1

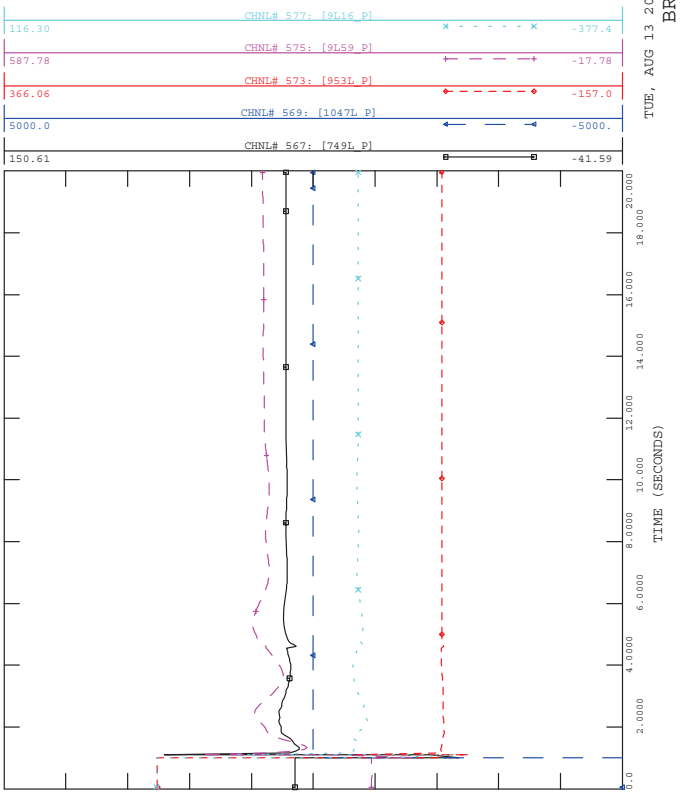


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_12_1047L_NILREM

FILE: Scn6_2028WP_12_1047L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH P

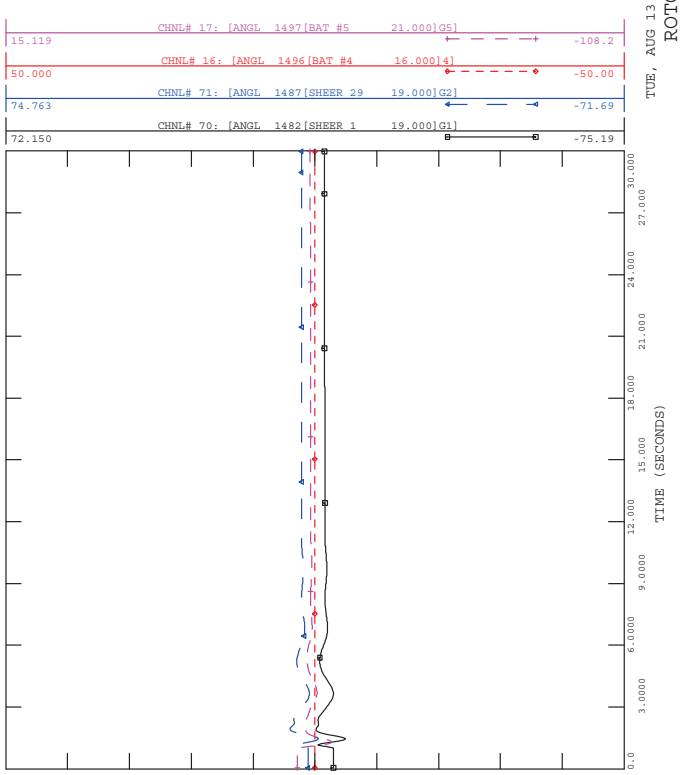


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_13_1047L_HANSMANLAKE

FILE: Scn6_2028WP_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

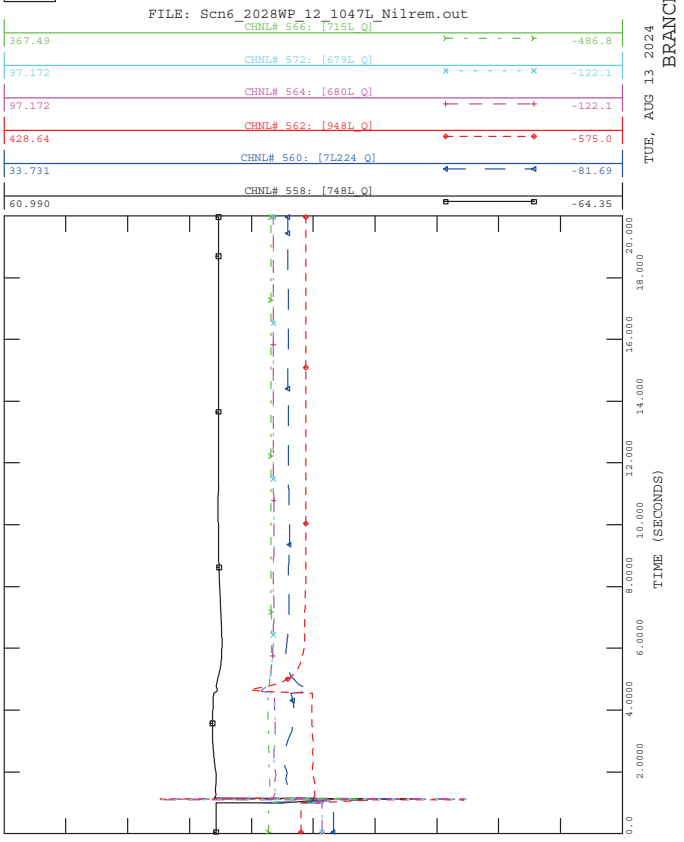


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_12_1047L_NILREM

FILE: Scn6_2028WP_12_1047L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH Q

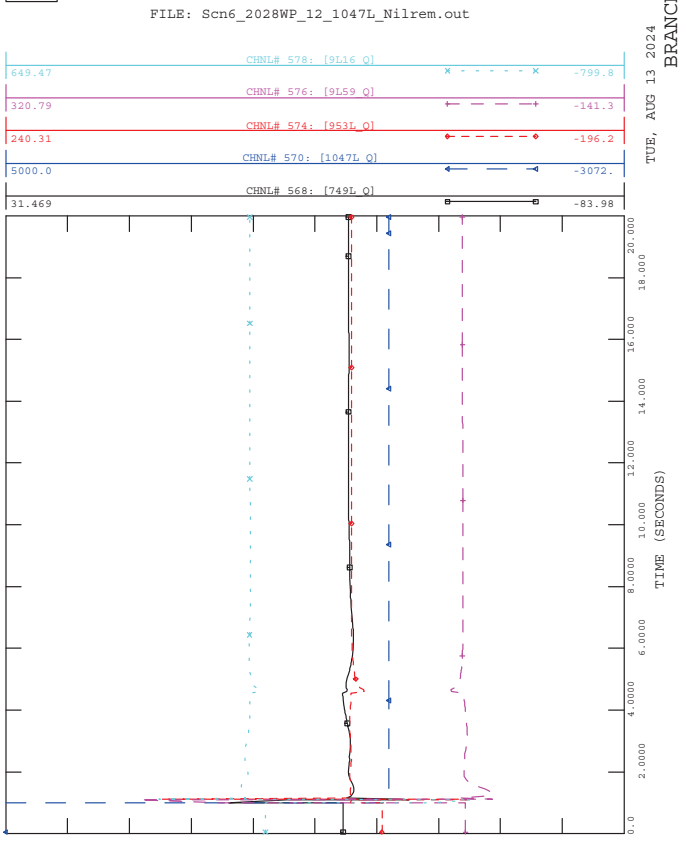


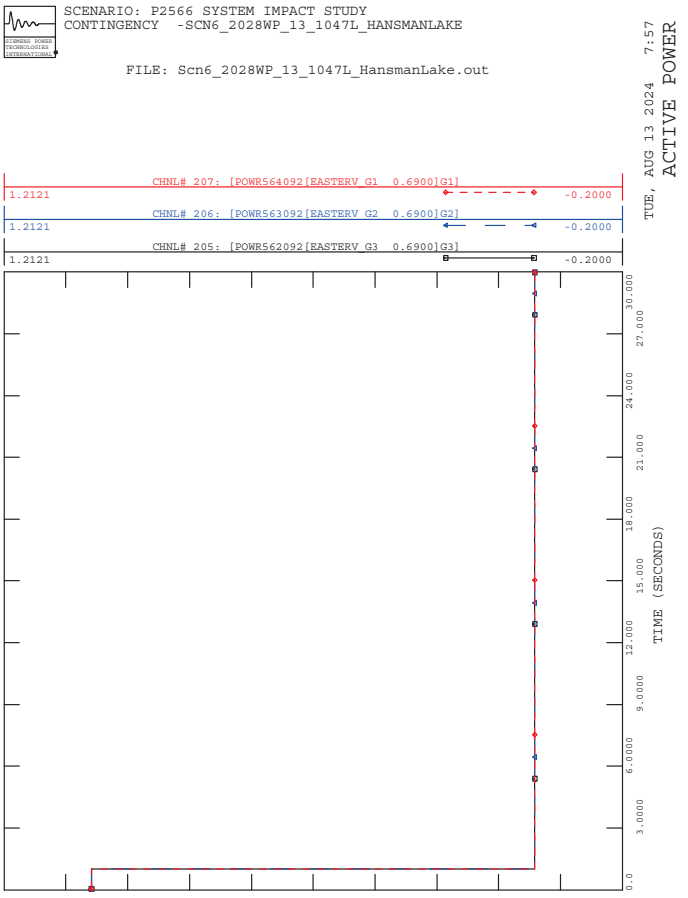
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_12_1047L_NILREM

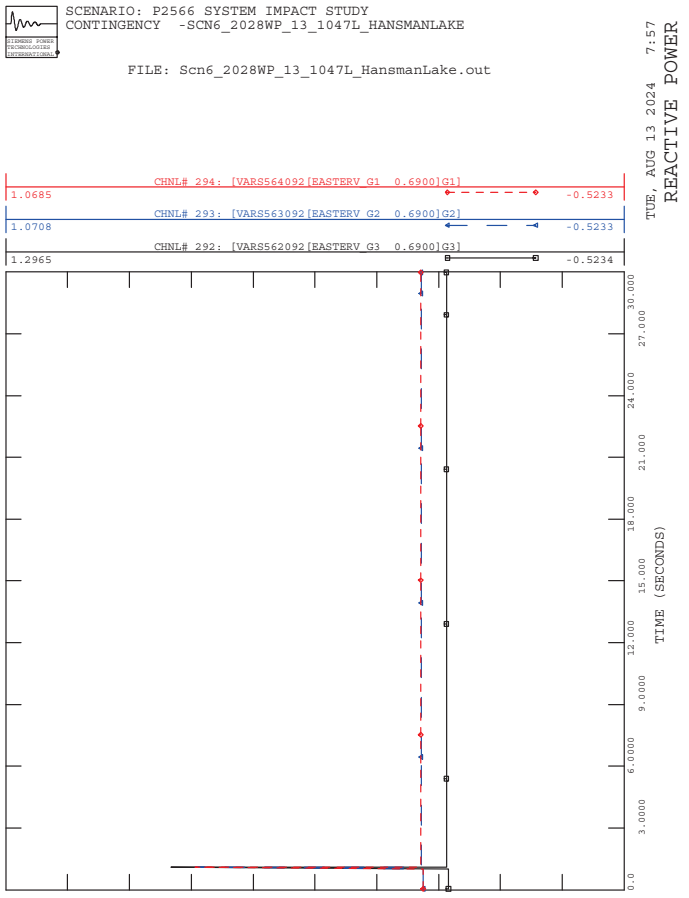
FILE: Scn6_2028WP_12_1047L_Nilrem.out

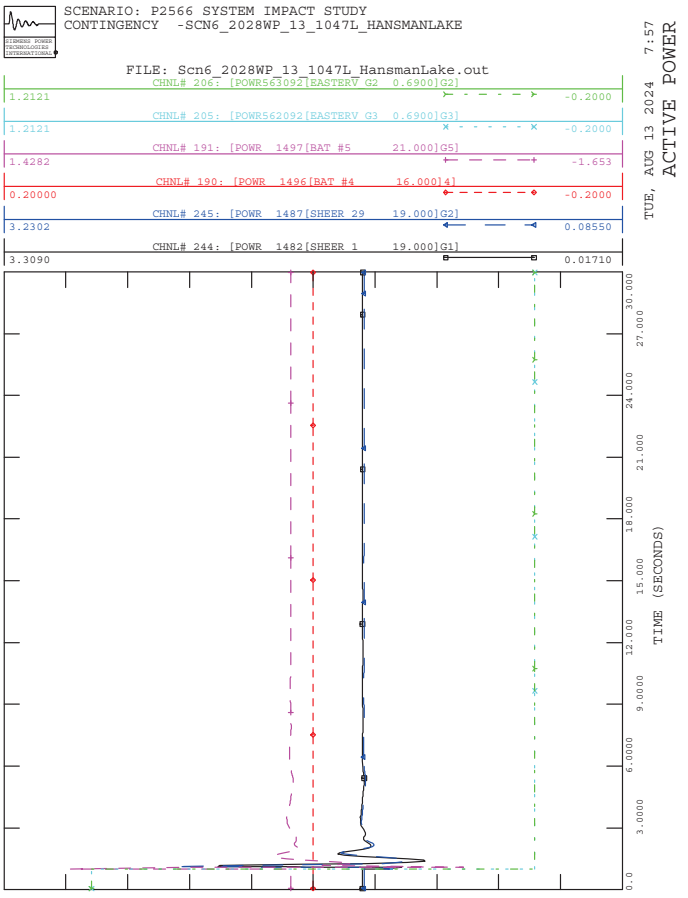
TUE, AUG 13 2024 7:57

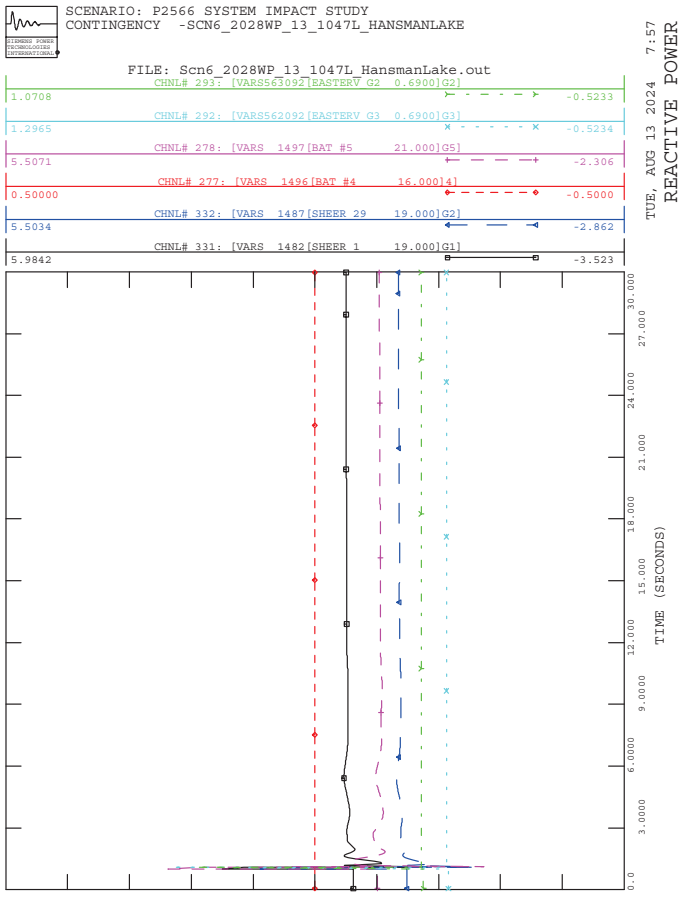
BRANCH Q




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_13_1047L_HANSMANLAKE
FILE: Scn6_2028WP_13_1047L_HansmanLake.out
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2121
-0.2000
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2121
-0.2000
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2121
-0.2000
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_13_1047L_HANSMANLAKE
FILE: Scn6_2028WP_13_1047L_HansmanLake.out
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.0685
-0.5233
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.0708
-0.5233
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.2965
-0.5234
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_13_1047L_HANSMANLAKE
FILE: Scn6_2028WP_13_1047L_HansmanLake.out
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2121
-0.2000
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2121
-0.2000
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.4282
-1.653
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000
-0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
3.2302
0.08550
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
3.3090
0.01710
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

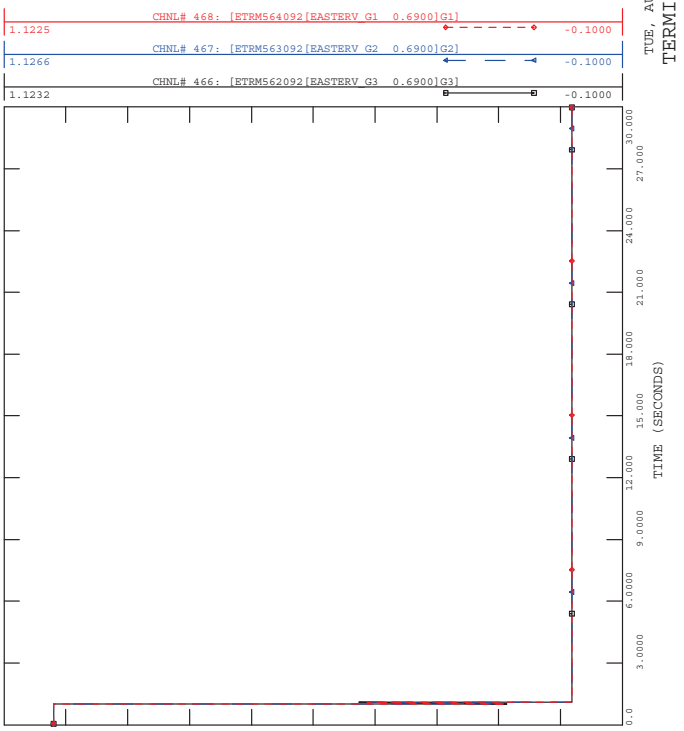

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_13_1047L_HANSMANLAKE
FILE: Scn6_2028WP_13_1047L_HansmanLake.out
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.0708
-0.5233
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.2965
-0.5234
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
5.5071
-2.306
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000
-0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
5.5034
-2.862
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
5.9842
-3.523
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_13_1047L_HANSMANLAKE

FILE: Scn6_2028WP_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

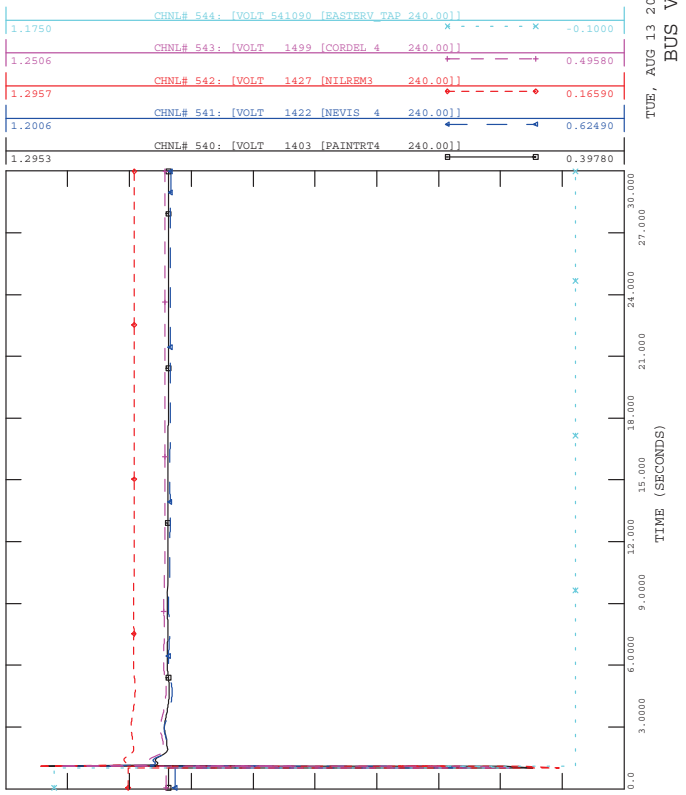


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_13_1047L_HANSMANLAKE

FILE: Scn6_2028WP_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

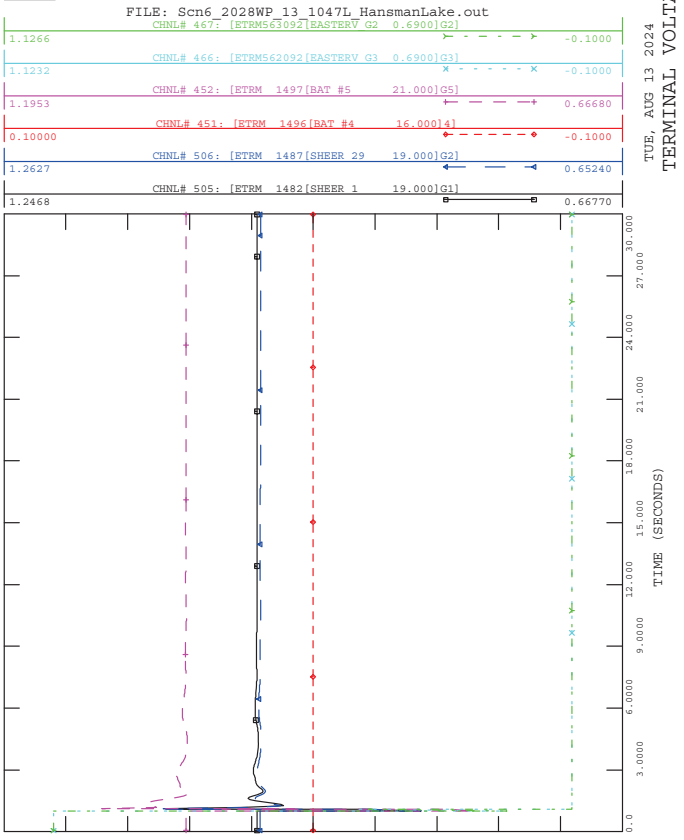


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_13_1047L_HANSMANLAKE

FILE: Scn6_2028WP_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

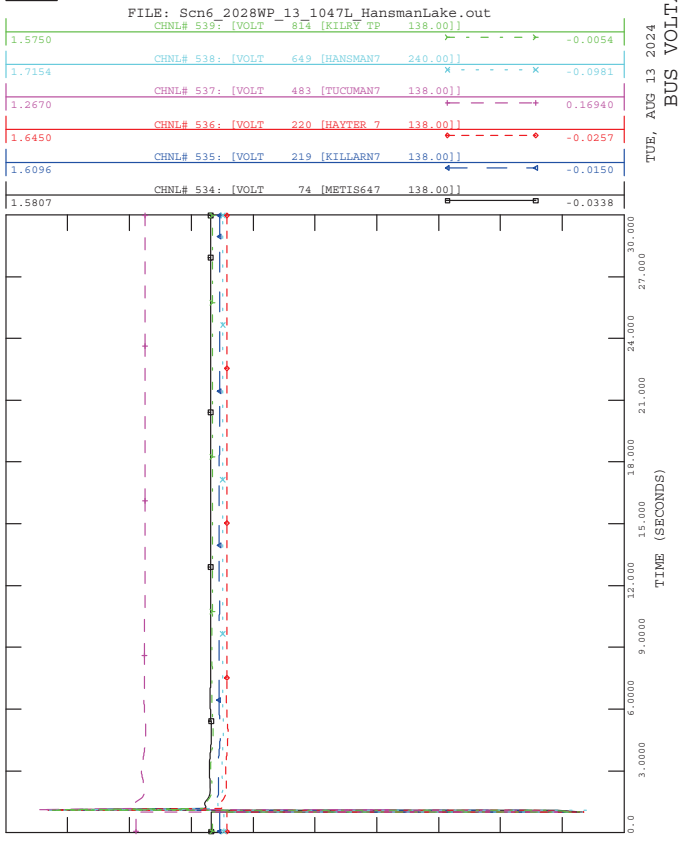


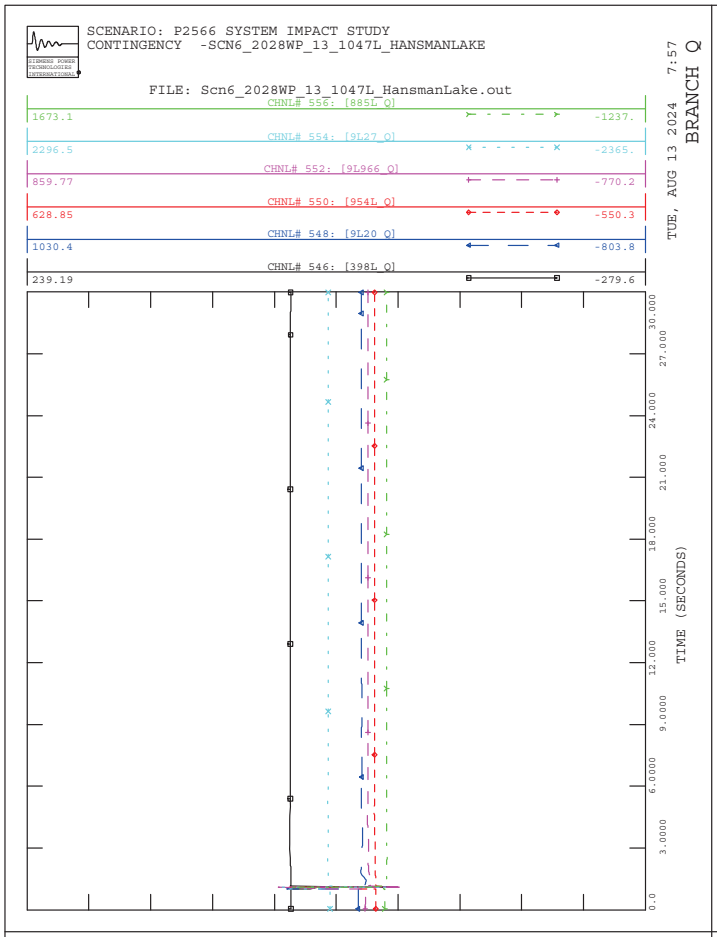
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_13_1047L_HANSMANLAKE

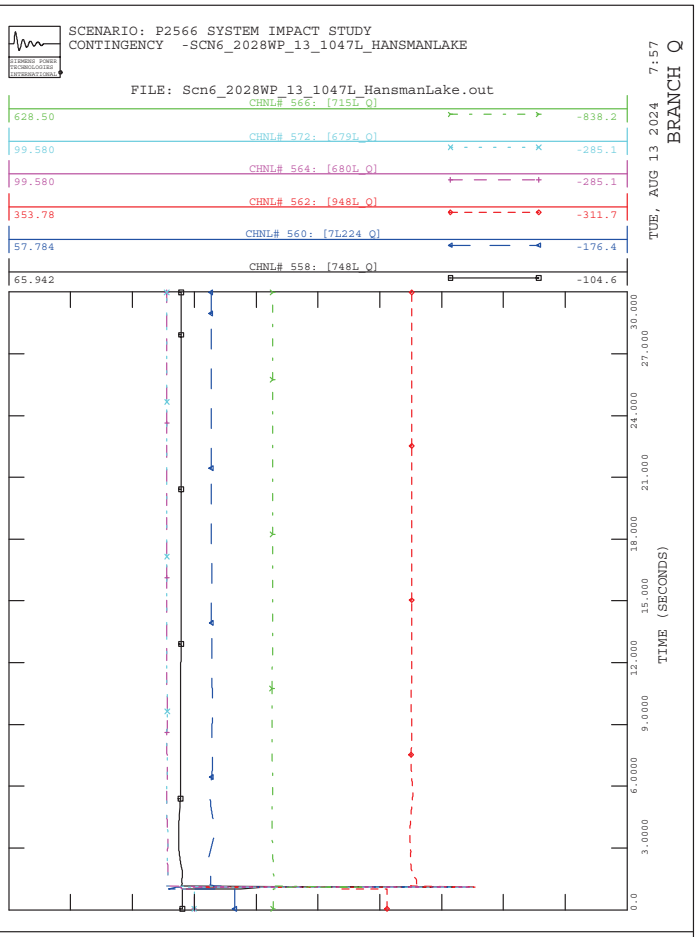
FILE: Scn6_2028WP_13_1047L_HansmanLake.out

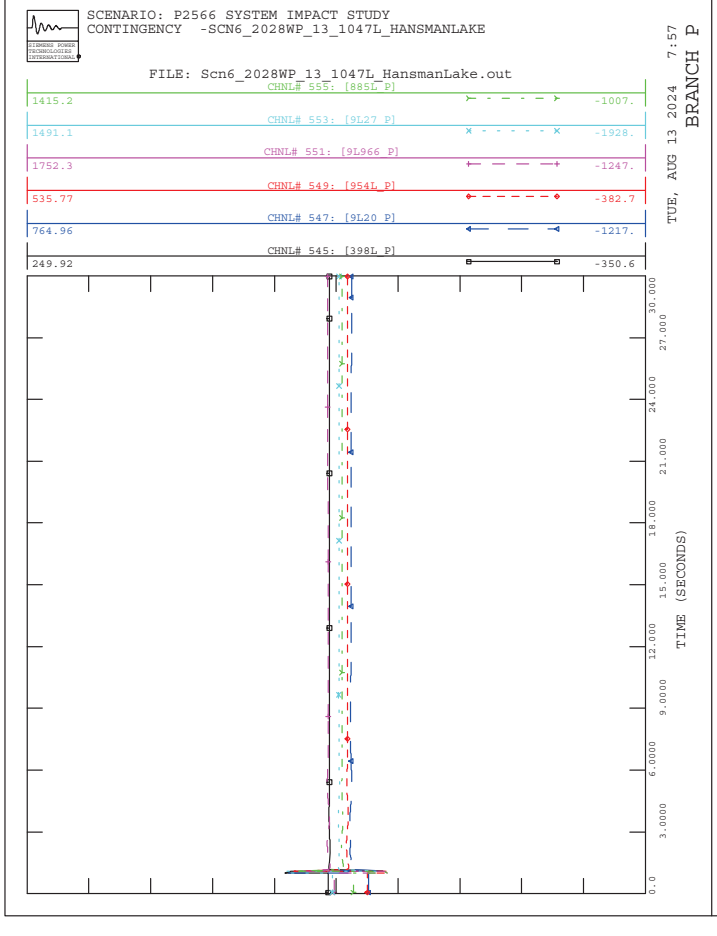
TUE, AUG 13 2024 7:57

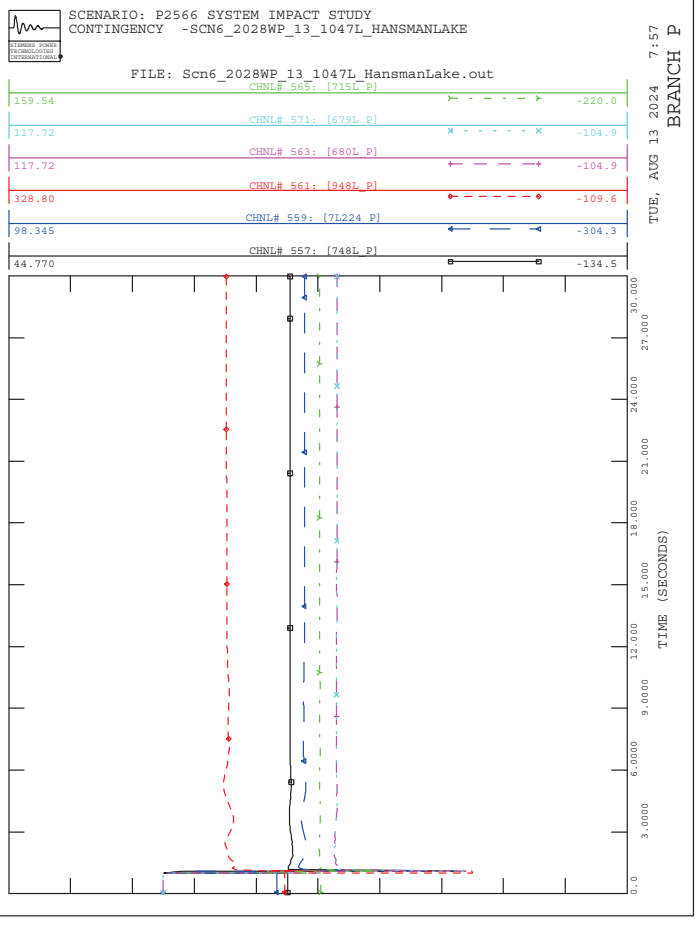
BUS VOLTAGE




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_13_1047L_HANSMANLAKE
FILE: Scn6_2028WP_13_1047L_HansmanLake.out
CHNL# 556: [885L Q]
1673.1
-1237.
CHNL# 554: [9L27 Q]
2296.5
-2365.
CHNL# 552: [9L966 Q]
859.77
-770.2
CHNL# 550: [954L Q]
628.85
-550.3
CHNL# 548: [9L20 Q]
1030.4
-803.8
CHNL# 546: [398L Q]
239.19
-279.6
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_13_1047L_HANSMANLAKE
FILE: Scn6_2028WP_13_1047L_HansmanLake.out
CHNL# 566: [715L Q]
628.50
-838.2
CHNL# 572: [679L Q]
99.580
-285.1
CHNL# 564: [680L Q]
99.580
-285.1
CHNL# 562: [948L Q]
353.78
-311.7
CHNL# 560: [7L224 Q]
57.784
-176.4
CHNL# 558: [748L Q]
65.942
-104.6
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_13_1047L_HANSMANLAKE
FILE: Scn6_2028WP_13_1047L_HansmanLake.out
CHNL# 555: [885L P]
1415.2
-1007.
CHNL# 553: [9L27 P]
1491.1
-1928.
CHNL# 551: [9L966 P]
1752.3
-1247.
CHNL# 549: [954L P]
535.77
-382.7
CHNL# 547: [9L20 P]
764.96
-1217.
CHNL# 545: [398L P]
249.92
-350.6
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

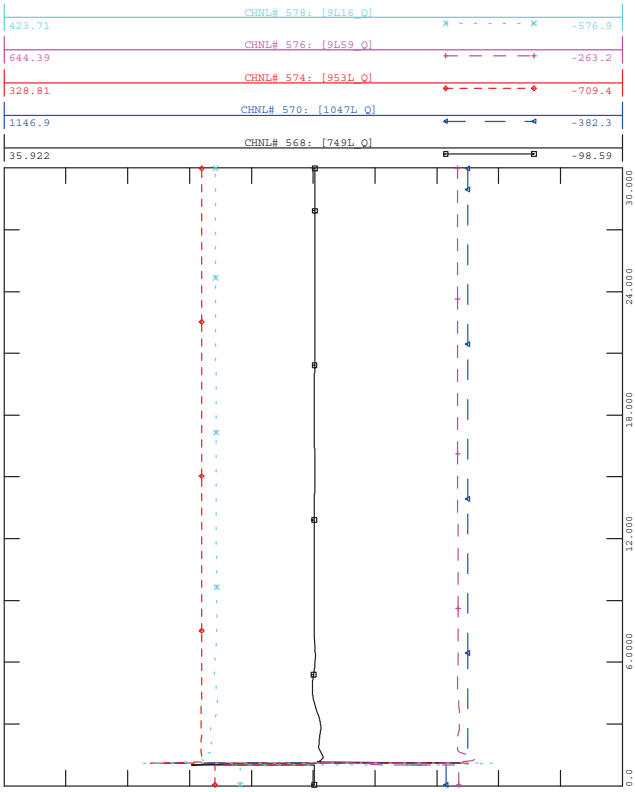

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_13_1047L_HANSMANLAKE
FILE: Scn6_2028WP_13_1047L_HansmanLake.out
CHNL# 565: [715L P]
159.54
-220.0
CHNL# 571: [679L P]
117.72
-104.9
CHNL# 563: [680L P]
117.72
-104.9
CHNL# 561: [948L P]
328.80
-109.6
CHNL# 559: [7L224 P]
98.345
-304.3
CHNL# 557: [748L P]
44.770
-134.5
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_13_1047L_HANSMANLAKE

FILE: Scn6_2028WP_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

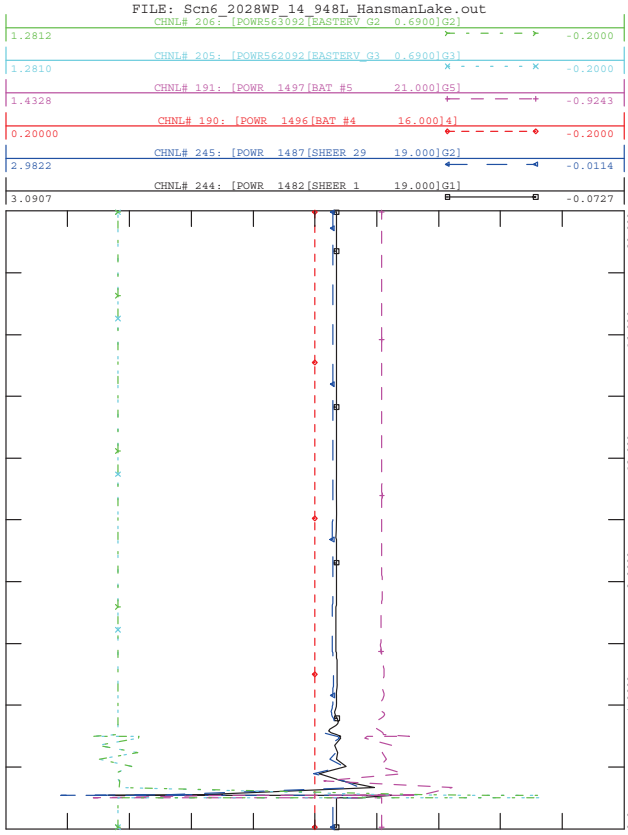


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_14_948L_HANSMANLAKE

FILE: Scn6_2028WP_14_948L_HansmanLake.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

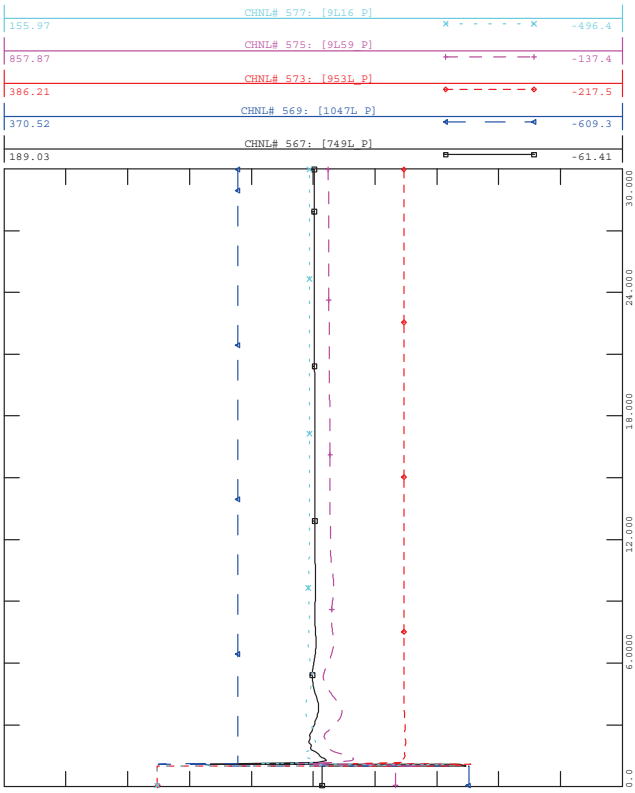


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_13_1047L_HANSMANLAKE

FILE: Scn6_2028WP_13_1047L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

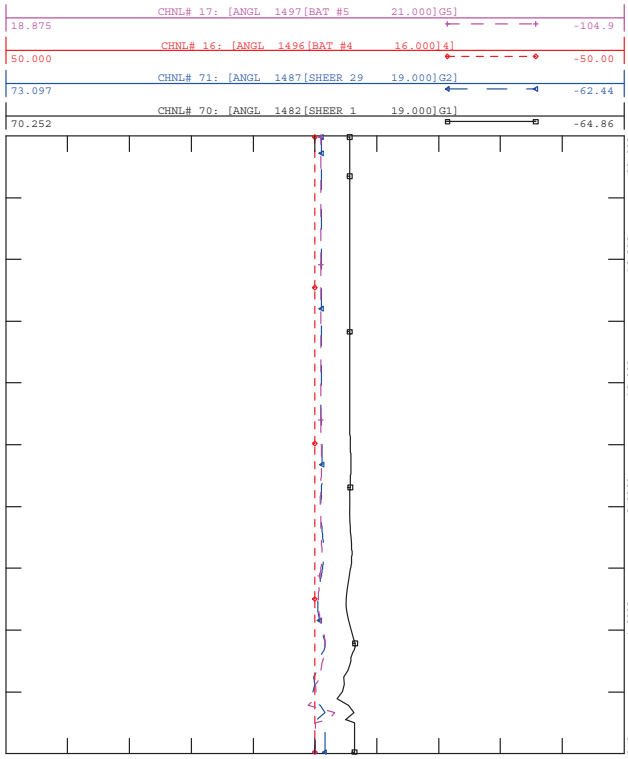


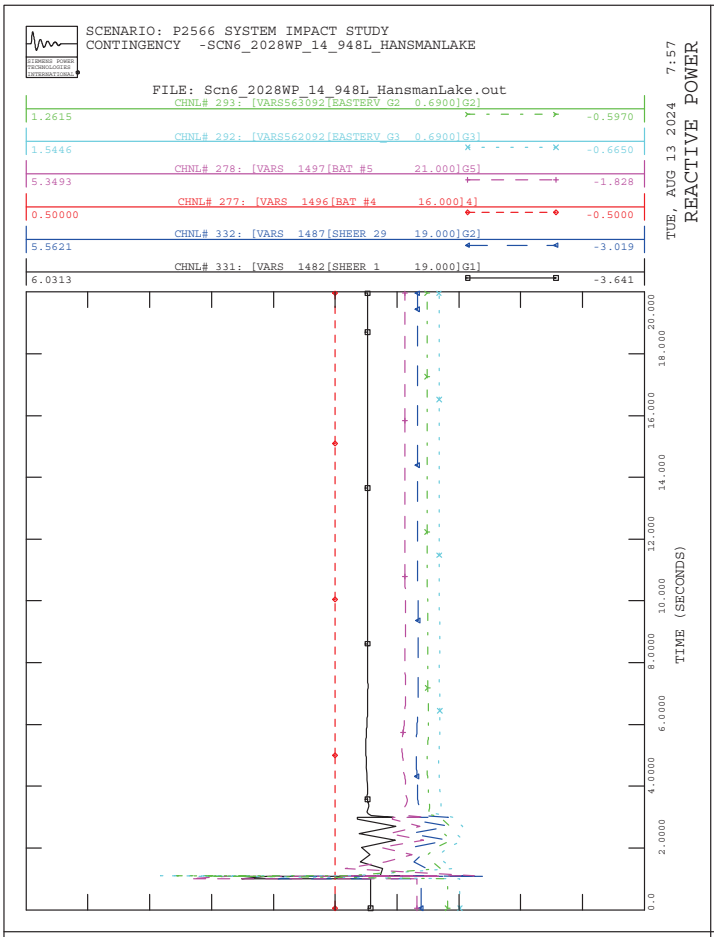
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_14_948L_HANSMANLAKE

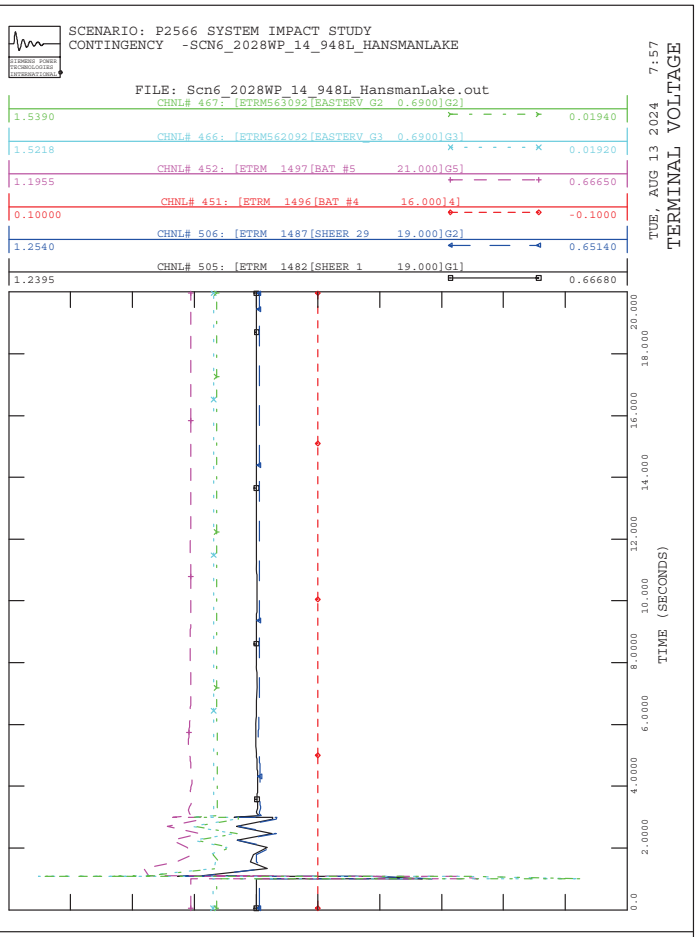
FILE: Scn6_2028WP_14_948L_HansmanLake.out

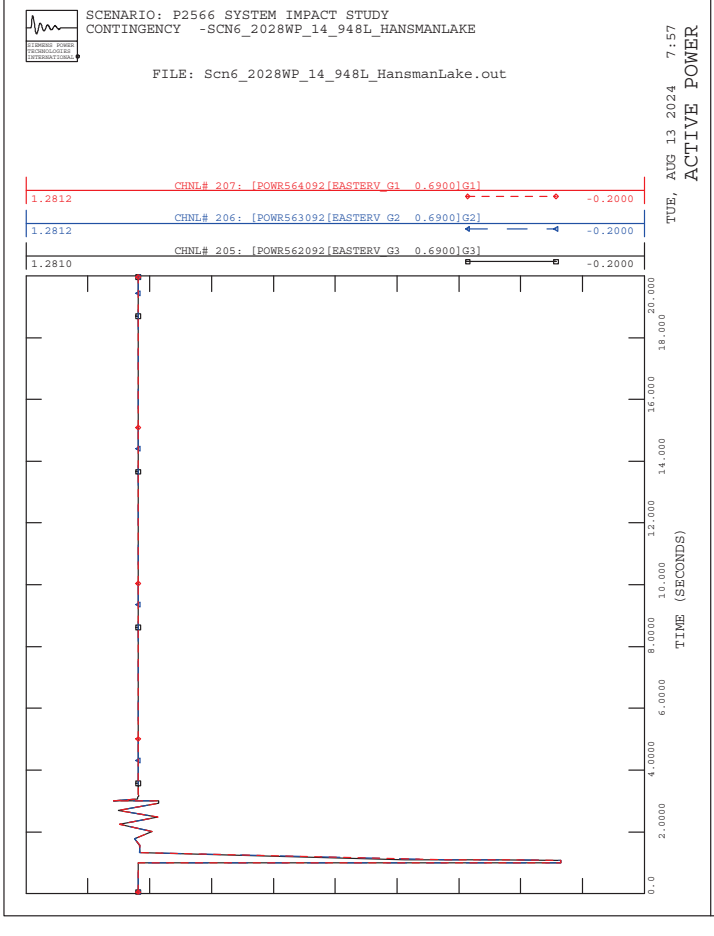
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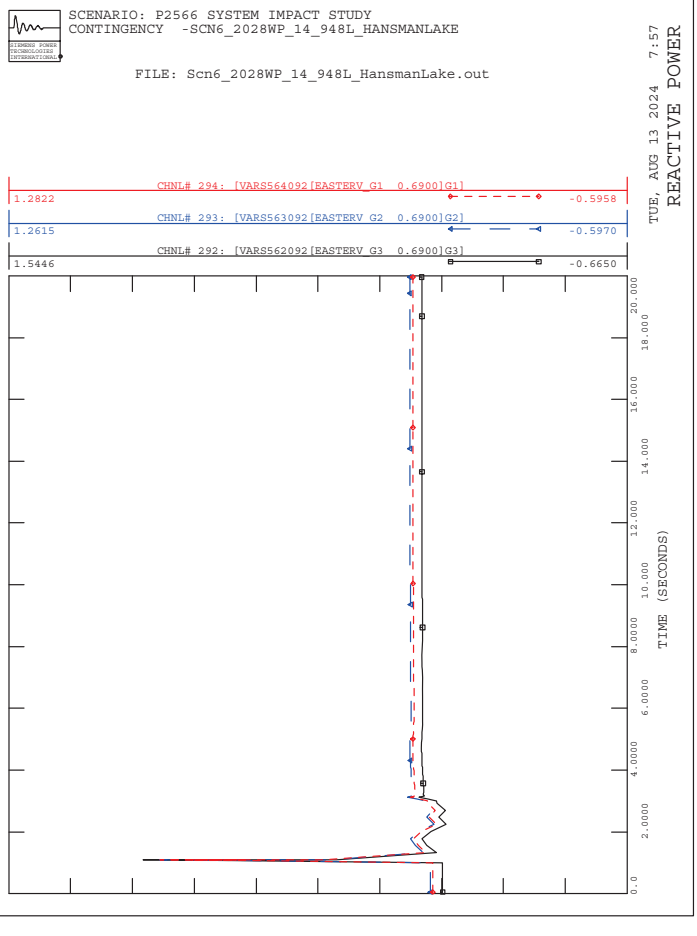
ROTOR ANGLE




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_14_948L_HANSMANLAKE
FILE: Scn6_2028WP_14_948L_HansmanLake.out
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.2615
-0.5970
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.5446
-0.6650
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
5.3493
-1.828
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000
-0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
5.5621
-3.019
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
6.0313
-3.641
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_14_948L_HANSMANLAKE
FILE: Scn6_2028WP_14_948L_HansmanLake.out
CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.5390
0.01940
CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.5218
0.01920
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1955
0.66650
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000
-0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2540
0.65140
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.2395
0.66680
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_14_948L_HANSMANLAKE
FILE: Scn6_2028WP_14_948L_HansmanLake.out
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2812
-0.2000
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2812
-0.2000
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2810
-0.2000
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_14_948L_HANSMANLAKE
FILE: Scn6_2028WP_14_948L_HansmanLake.out
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.2822
-0.5958
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.2615
-0.5970
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.5446
-0.6650
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_14_948L_HANSMANLAKE

FILE: Scn6_2028WP_14_948L_HansmanLake.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.6131 -0.0066

CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.6507 -0.0998

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4068 0.16950

CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.6711 -0.0270

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.6421 -0.0163

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.6060 -0.0353

0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_14_948L_HANSMANLAKE

FILE: Scn6_2028WP_14_948L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
962.22 -684.0

CHNL# 553: [9L27 P]
1132.7 -1143.

CHNL# 551: [9L966 P]
2159.6 -1538.

CHNL# 549: [954L P]
197.16 -140.8

CHNL# 547: [9L20 P]
643.22 -1045.

CHNL# 545: [398L P]
213.40 -299.5

0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_14_948L_HANSMANLAKE

FILE: Scn6_2028WP_14_948L_HansmanLake.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.5377 0.01880

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5390 0.01940

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5218 0.01920

0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_14_948L_HANSMANLAKE

FILE: Scn6_2028WP_14_948L_HansmanLake.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.5654 0.02780

CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.1959 0.49540

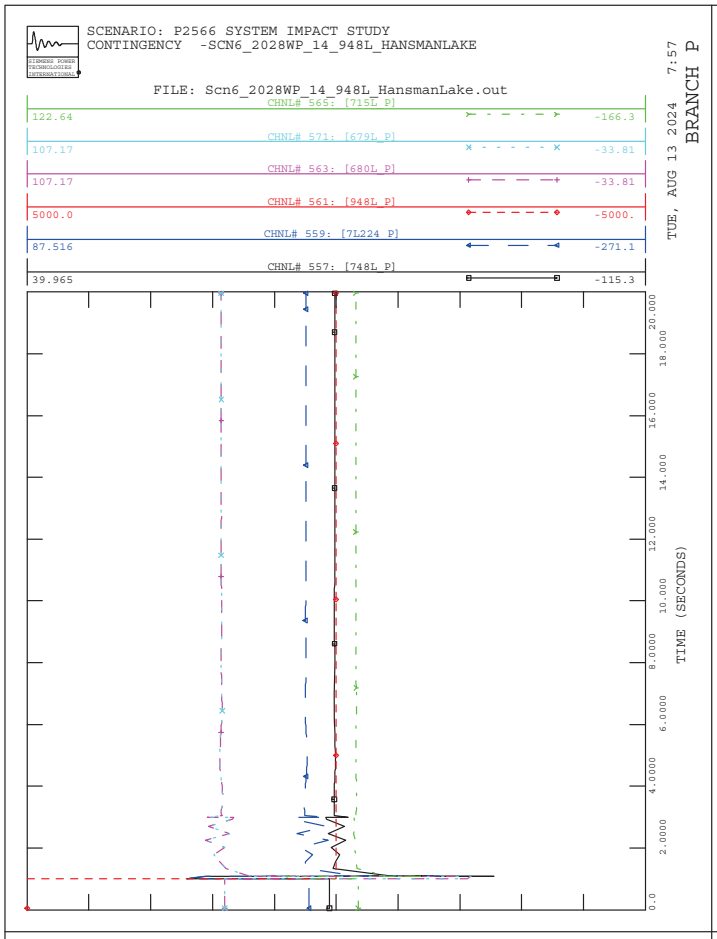
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4563 0.16630

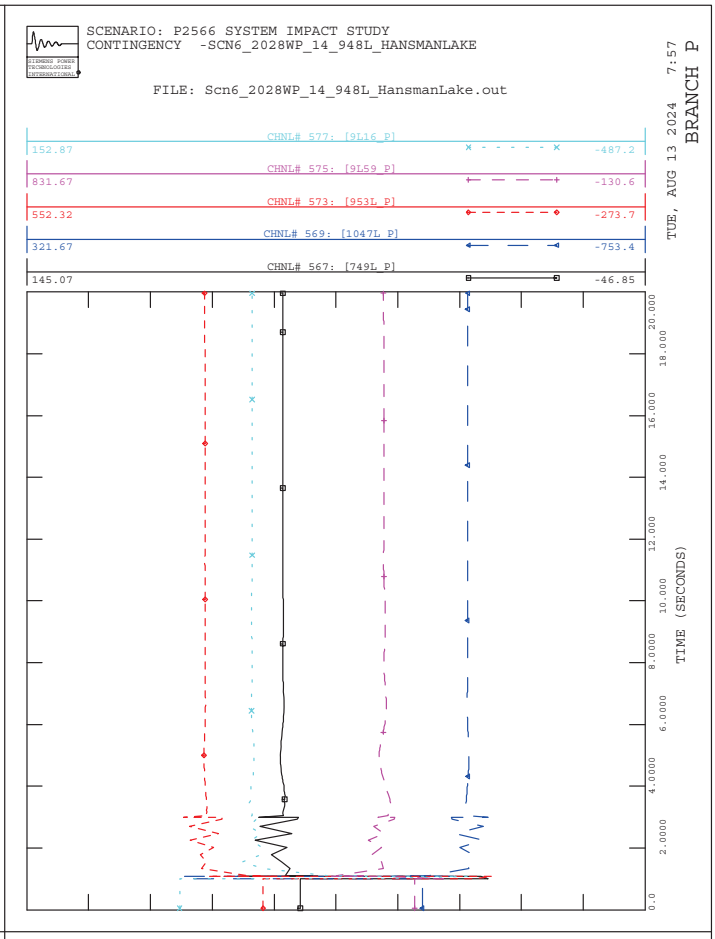
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.1769 0.62460

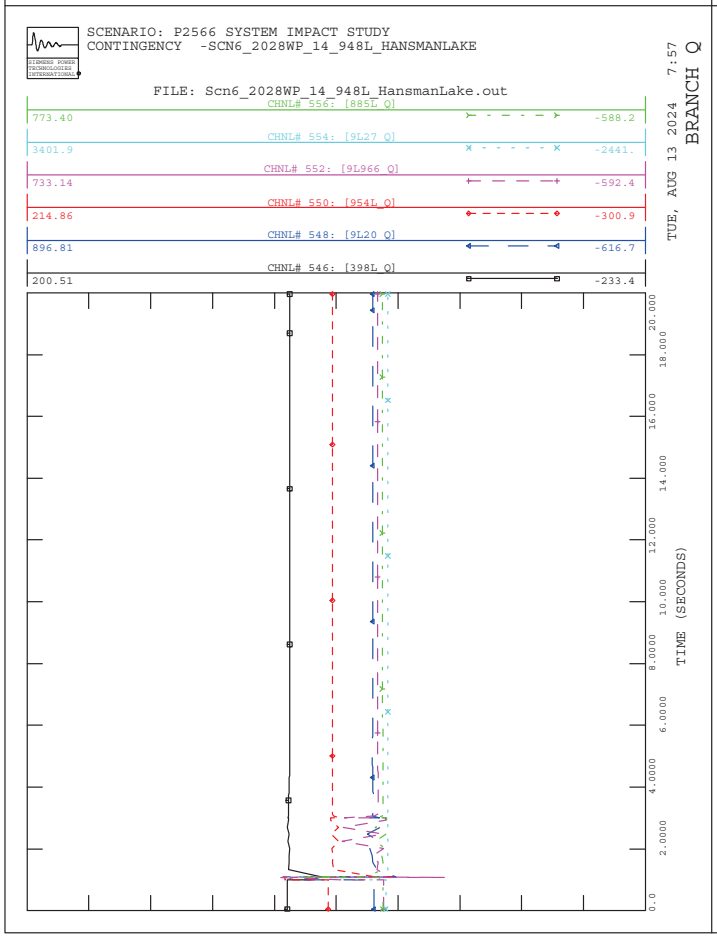
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.1961 0.39710

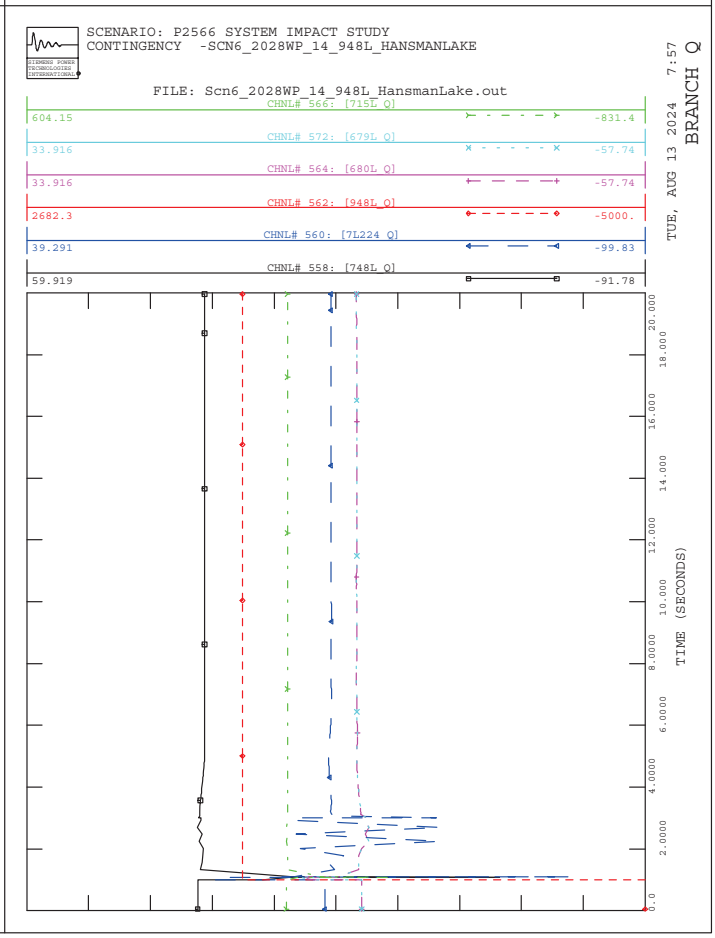
0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000

TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_14_948L_HANSMANLAKE
FILE: Scn6_2028WP_14_948L_HansmanLake.out
CHNL# 565: [715L P]
122.64
-166.3
CHNL# 571: [679L P]
107.17
-33.81
CHNL# 563: [680L P]
107.17
-33.81
CHNL# 561: [948L P]
5000.0
-5000.
CHNL# 559: [7L224 P]
87.516
-271.1
CHNL# 557: [748L P]
39.965
-115.3
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_14_948L_HANSMANLAKE
FILE: Scn6_2028WP_14_948L_HansmanLake.out
CHNL# 577: [9L16 P]
152.87
-487.2
CHNL# 575: [9L59 P]
831.67
-130.6
CHNL# 573: [953L P]
552.32
-273.7
CHNL# 569: [1047L P]
321.67
-753.4
CHNL# 567: [749L P]
145.07
-46.85
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_14_948L_HANSMANLAKE
FILE: Scn6_2028WP_14_948L_HansmanLake.out
CHNL# 556: [885L Q]
773.40
-588.2
CHNL# 554: [9L27 Q]
3401.9
-2441.
CHNL# 552: [9L966 Q]
733.14
-592.4
CHNL# 550: [954L Q]
214.86
-300.9
CHNL# 548: [9L20 Q]
896.81
-616.7
CHNL# 546: [398L Q]
200.51
-233.4
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

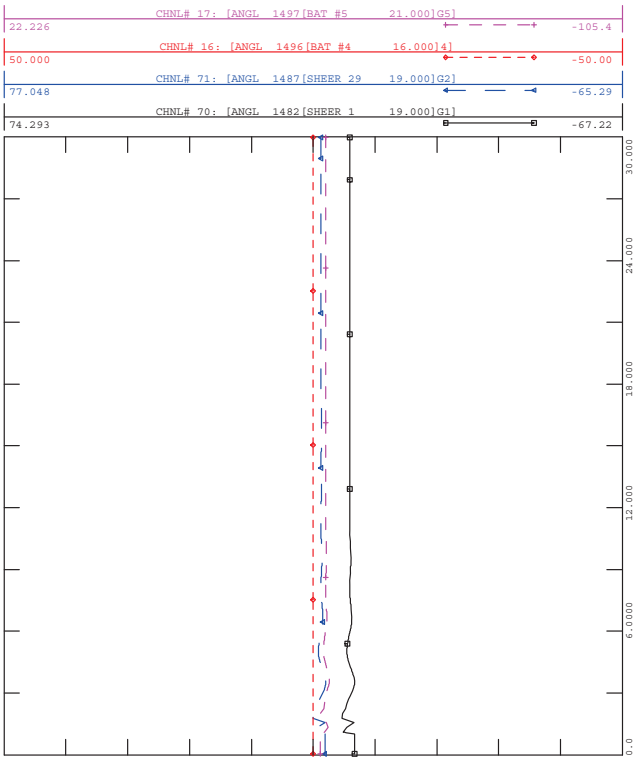

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_14_948L_HANSMANLAKE
FILE: Scn6_2028WP_14_948L_HansmanLake.out
CHNL# 566: [715L Q]
604.15
-831.4
CHNL# 572: [679L Q]
33.916
-57.74
CHNL# 564: [680L Q]
33.916
-57.74
CHNL# 562: [948L Q]
2682.3
-5000.
CHNL# 560: [7L224 Q]
39.291
-99.83
CHNL# 558: [748L Q]
59.919
-91.78
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_15_948L_PAINTEARTH

FILE: Scn6_2028WP_15_948L_Paintearth.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

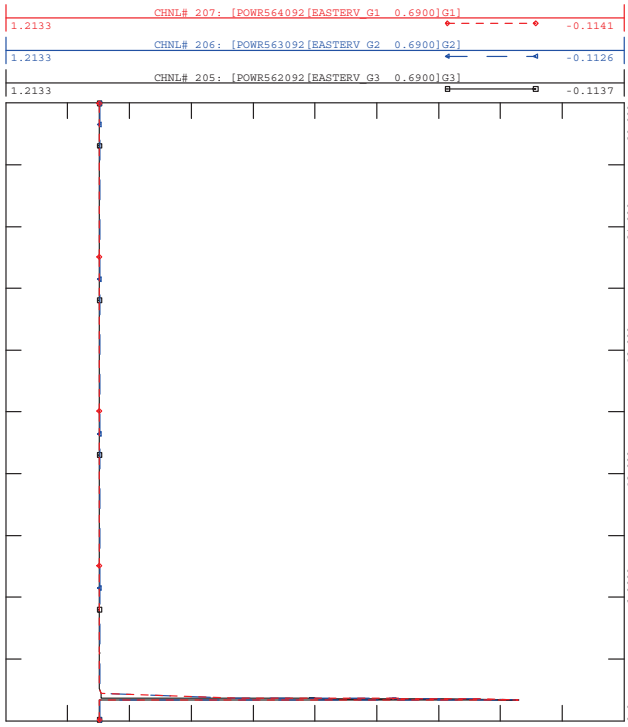


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_15_948L_PAINTEARTH

FILE: Scn6_2028WP_15_948L_Paintearth.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

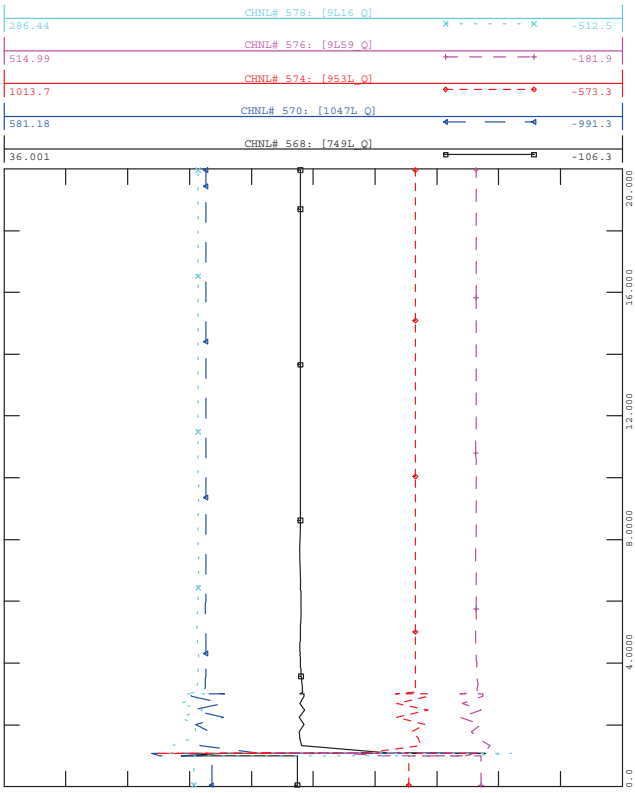


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_14_948L_HANSMANLAKE

FILE: Scn6_2028WP_14_948L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

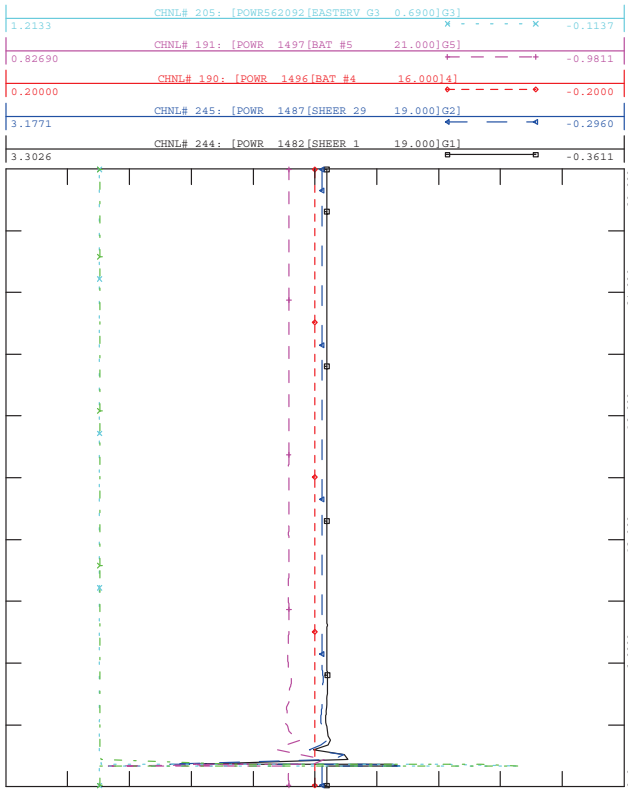


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_15_948L_PAINTEARTH

FILE: Scn6_2028WP_15_948L_Paintearth.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

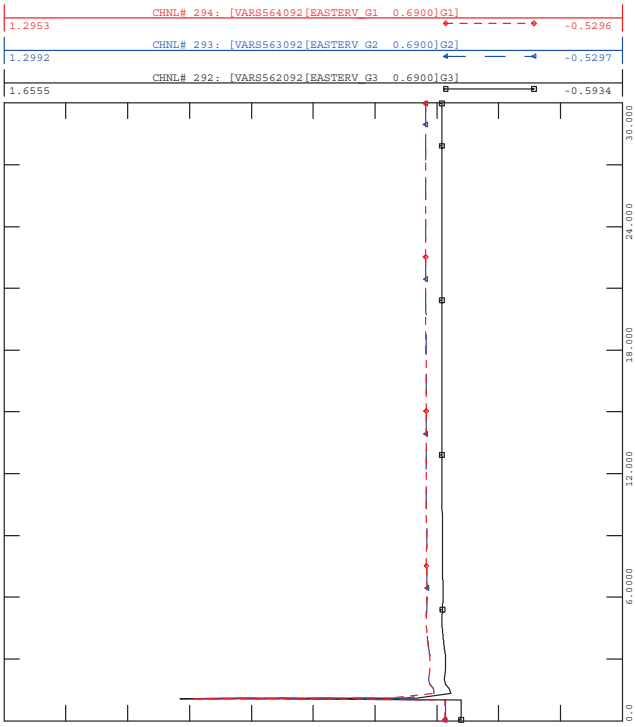


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_15_948L_PAINTEARTH

FILE: Scn6_2028WP_15_948L_Paintearth.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

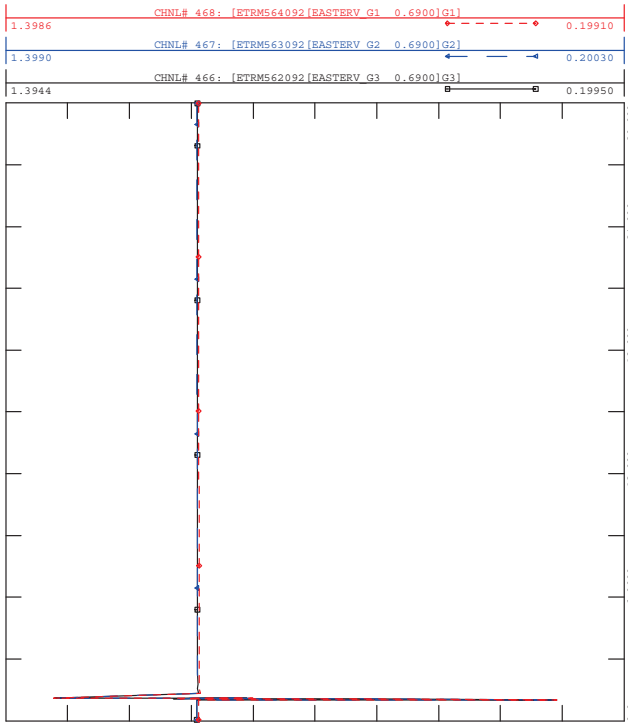


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_15_948L_PAINTEARTH

FILE: Scn6_2028WP_15_948L_Paintearth.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

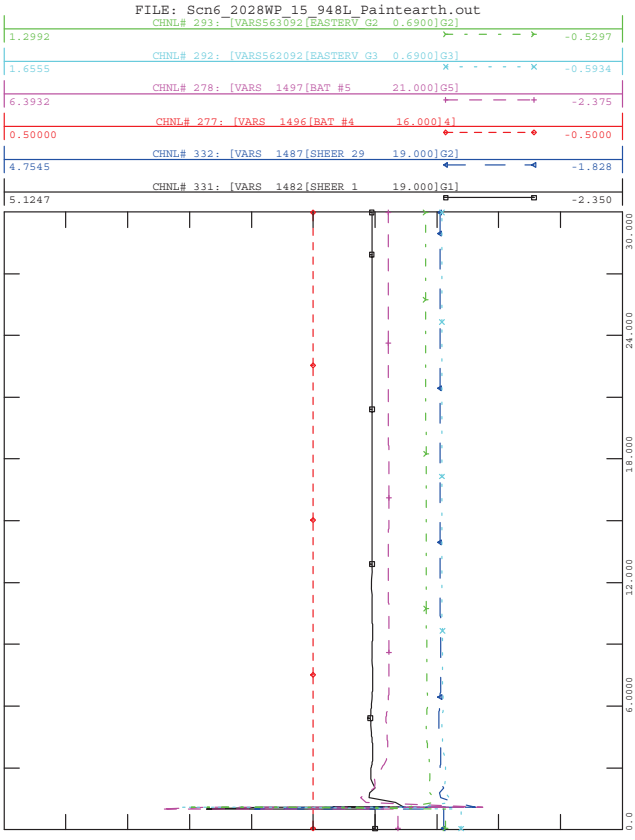


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_15_948L_PAINTEARTH

FILE: Scn6_2028WP_15_948L_Paintearth.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

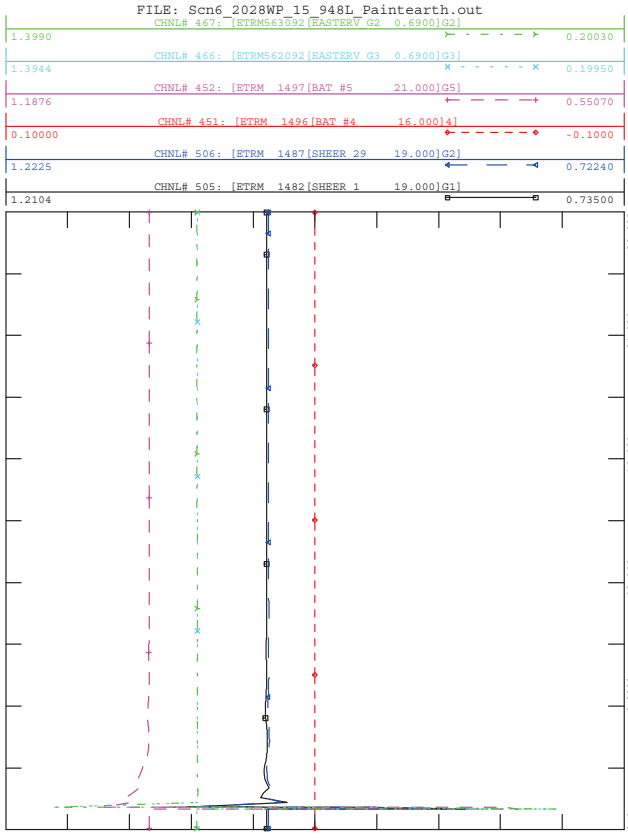


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_15_948L_PAINTEARTH

FILE: Scn6_2028WP_15_948L_Paintearth.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE



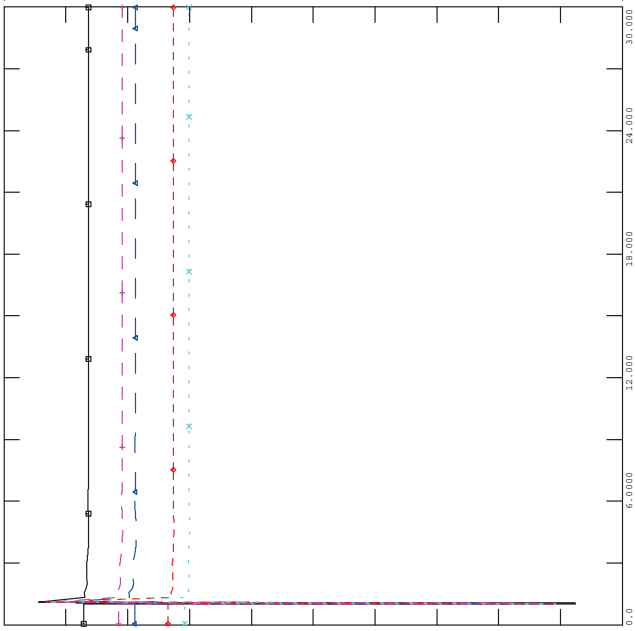
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_15_948L_PAINTEARTH

FILE: Scn6_2028WP_15_948L_Paintearth.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.4296 0.21580
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2295 0.28650
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3724 0.23880
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.1871 0.50430
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2297 -0.0912



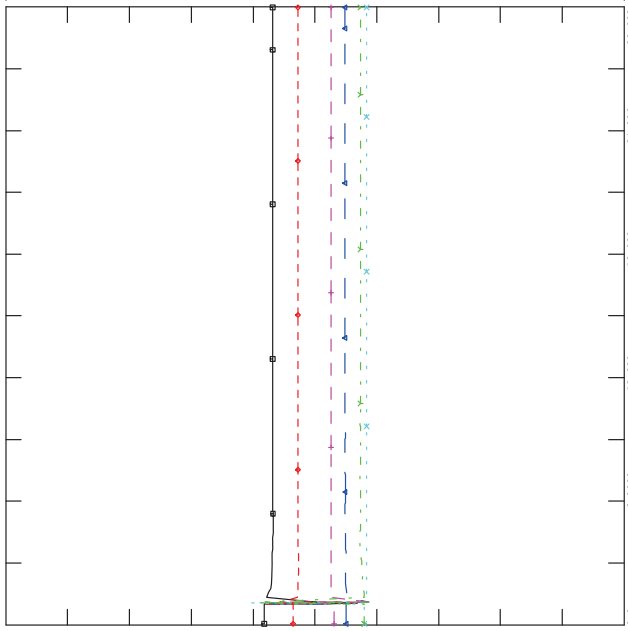
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_15_948L_PAINTEARTH

FILE: Scn6_2028WP_15_948L_Paintearth.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L Q]
127.02 -110.5
CHNL# 554: [9L27 Q]
3422.8 -2456.
CHNL# 552: [9L966 Q]
1671.4 -1536.
CHNL# 550: [954L Q]
206.35 -315.3
CHNL# 548: [9L20 Q]
1184.6 -879.8
CHNL# 546: [398L Q]
69.468 -54.18



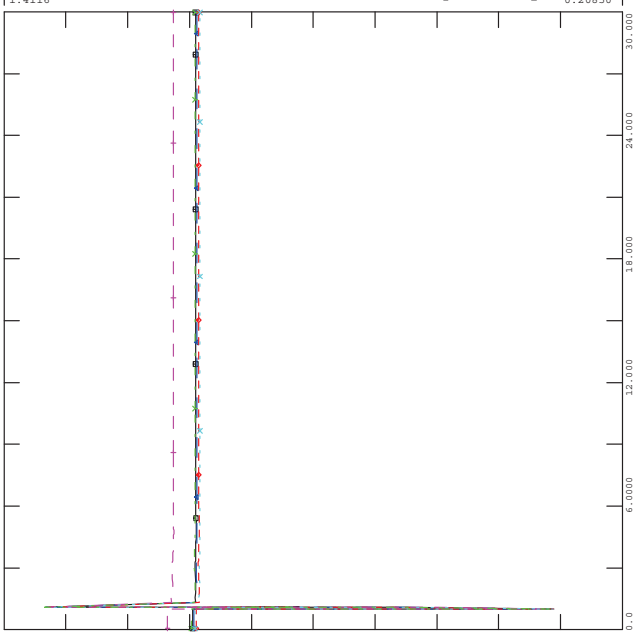
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_15_948L_PAINTEARTH

FILE: Scn6_2028WP_15_948L_Paintearth.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRV TP 138.00]]
1.4076 0.21600
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4688 0.19900
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3234 0.23690
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4274 0.20400
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4185 0.21020
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4116 0.20850



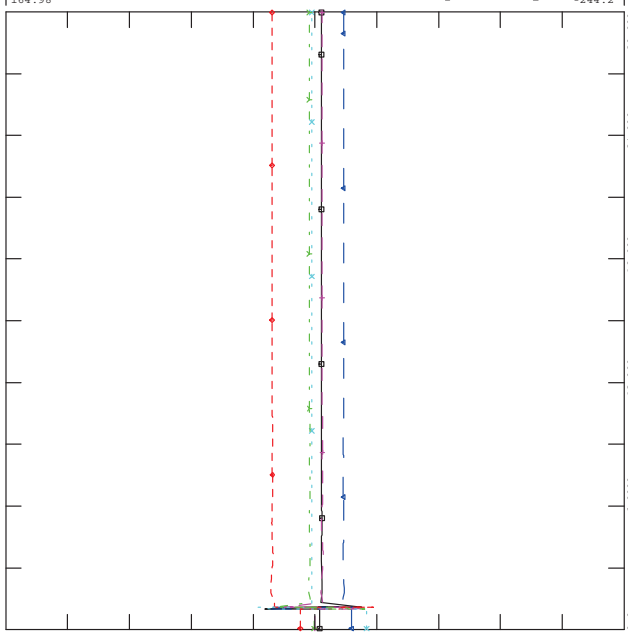
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_15_948L_PAINTEARTH

FILE: Scn6_2028WP_15_948L_Paintearth.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
758.89 -491.2
CHNL# 553: [9L27 P]
1125.9 -1138.
CHNL# 551: [9L966 P]
1422.3 -896.9
CHNL# 549: [954L P]
158.92 -110.9
CHNL# 547: [9L20 P]
855.23 -1264.
CHNL# 545: [398L P]
164.98 -244.2



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_15_948L_PAINTEARTH

FILE: Scn6_2028WP_15_948L_Paintearth.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 566: [715L Q] 148.18 -201.0
CHNL# 572: [679L Q] 34.540 -56.61
CHNL# 564: [680L Q] 34.540 -56.61
CHNL# 562: [948L Q] 1477.8 -563.7
CHNL# 560: [7L224 Q] 32.675 -103.4
CHNL# 558: [748L Q] 58.187 -41.75

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_15_948L_PAINTEARTH

FILE: Scn6_2028WP_15_948L_Paintearth.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16 Q] 401.87 -738.4
CHNL# 576: [9L59 Q] 603.12 -235.1
CHNL# 574: [953L Q] 427.24 -363.3
CHNL# 570: [1047L Q] 386.28 -425.4
CHNL# 568: [749L Q] 29.172 -85.78

TIME (SECONDS)

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SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_15_948L_PAINTEARTH

FILE: Scn6_2028WP_15_948L_Paintearth.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 565: [715L P] 187.98 -258.6
CHNL# 571: [679L P] 114.93 -27.06
CHNL# 563: [680L P] 114.93 -27.06
CHNL# 561: [948L P] 270.72 -90.24
CHNL# 559: [7L224 P] 30.100 -177.5
CHNL# 557: [748L P] 36.223 -105.0

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_15_948L_PAINTEARTH

FILE: Scn6_2028WP_15_948L_Paintearth.out

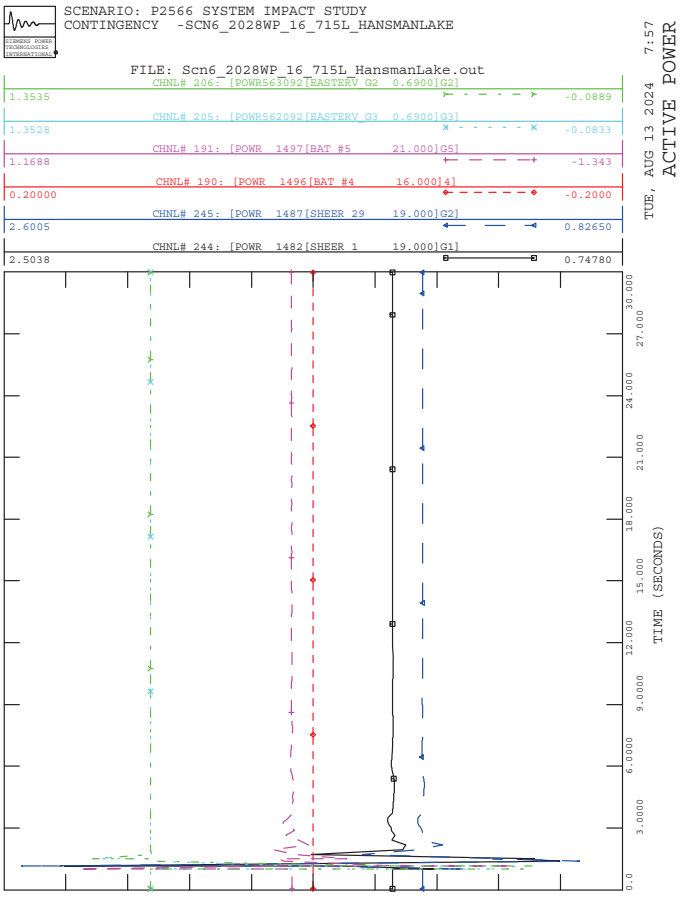
TUE, AUG 13 2024 7:57

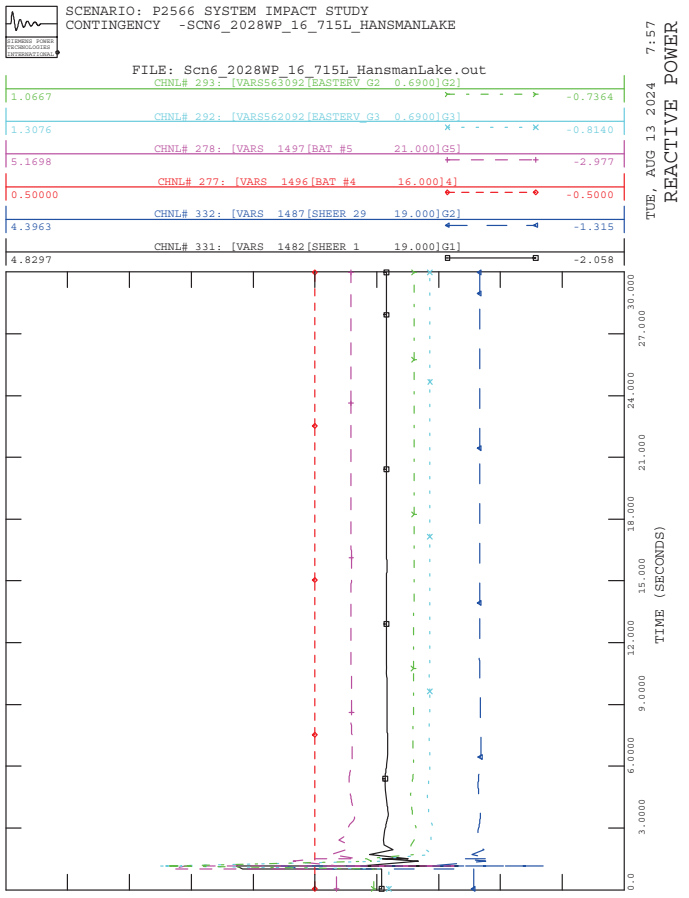
BRANCH P

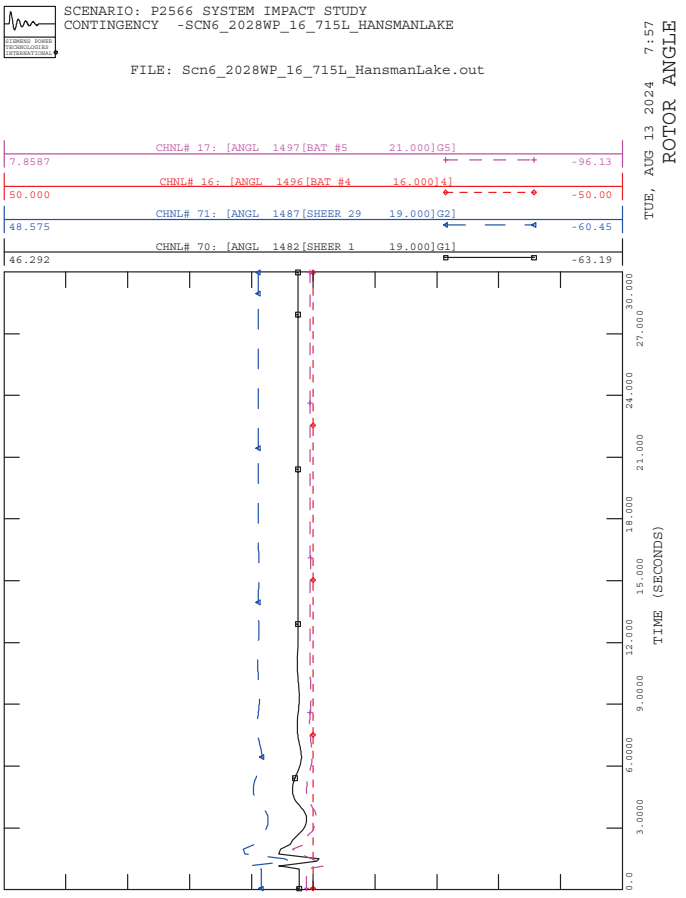
CHNL# 577: [9L16 P] 118.74 -384.7
CHNL# 575: [9L59 P] 861.53 -52.74
CHNL# 573: [953L P] 617.77 -158.4
CHNL# 569: [1047L P] 195.25 -837.7
CHNL# 567: [749L P] 132.80 -24.79

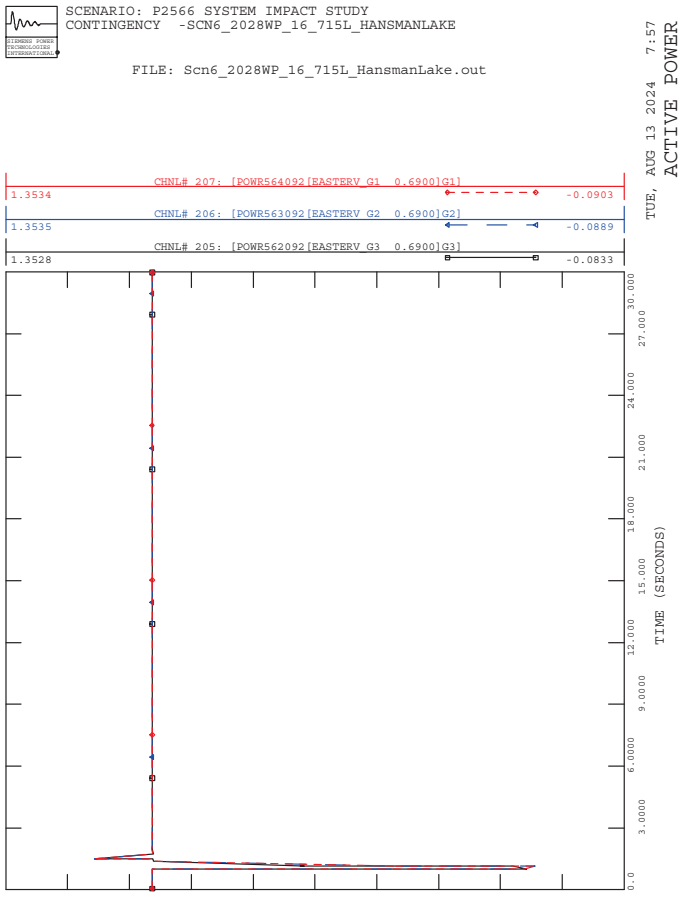
TIME (SECONDS)

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SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_16_715L_HANSMANLAKE
FILE: Scn6_2028WP_16_715L_HansmanLake.out
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.3535
-0.0889
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.3528
-0.0833
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.1688
-1.343
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000
-0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
2.6005
0.82650
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
2.5038
0.74780
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_16_715L_HANSMANLAKE
FILE: Scn6_2028WP_16_715L_HansmanLake.out
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.0667
-0.7364
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.3076
-0.8140
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
5.1698
-2.977
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000
-0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
4.3963
-1.315
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
4.8297
-2.058
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_16_715L_HANSMANLAKE
FILE: Scn6_2028WP_16_715L_HansmanLake.out
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
7.8587
-96.13
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000
-50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
48.575
-60.45
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
46.292
-63.19
TUE, AUG 13 2024 7:57
ROTOR ANGLE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_16_715L_HANSMANLAKE
FILE: Scn6_2028WP_16_715L_HansmanLake.out
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.3534
-0.0903
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.3535
-0.0889
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.3528
-0.0833
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_16_715L_HANSMANLAKE

FILE: Scn6_2028WP_16_715L_HansmanLake.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.5363 0.23510

CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.5289 0.23450

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2609 0.73370

CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2629 0.73200

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.2460 0.74360

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_16_715L_HANSMANLAKE

FILE: Scn6_2028WP_16_715L_HansmanLake.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.3286 -0.0521

CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5807 0.17950

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4271 0.30210

CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.3895 -0.0768

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.3583 -0.0636

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4325 -0.0915

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_16_715L_HANSMANLAKE

FILE: Scn6_2028WP_16_715L_HansmanLake.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.0642 -0.7333

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.0667 -0.7364

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.3076 -0.8140

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_16_715L_HANSMANLAKE

FILE: Scn6_2028WP_16_715L_HansmanLake.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

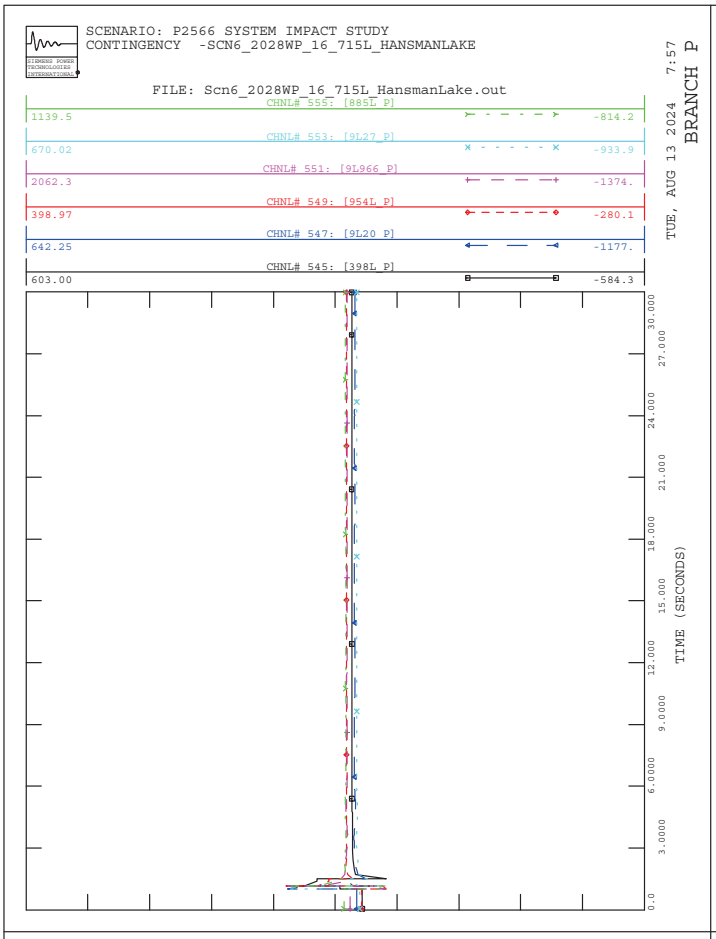
CHNL# 468: [ETRMS64092[EASTERV G1 0.6900]G1]
1.5356 0.23380

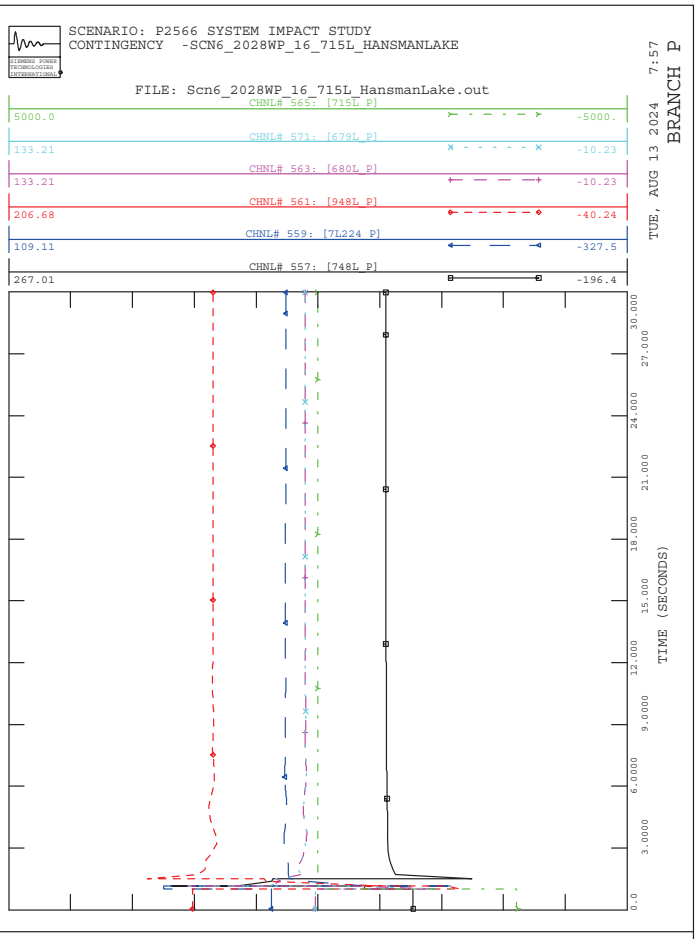
CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.5363 0.23510

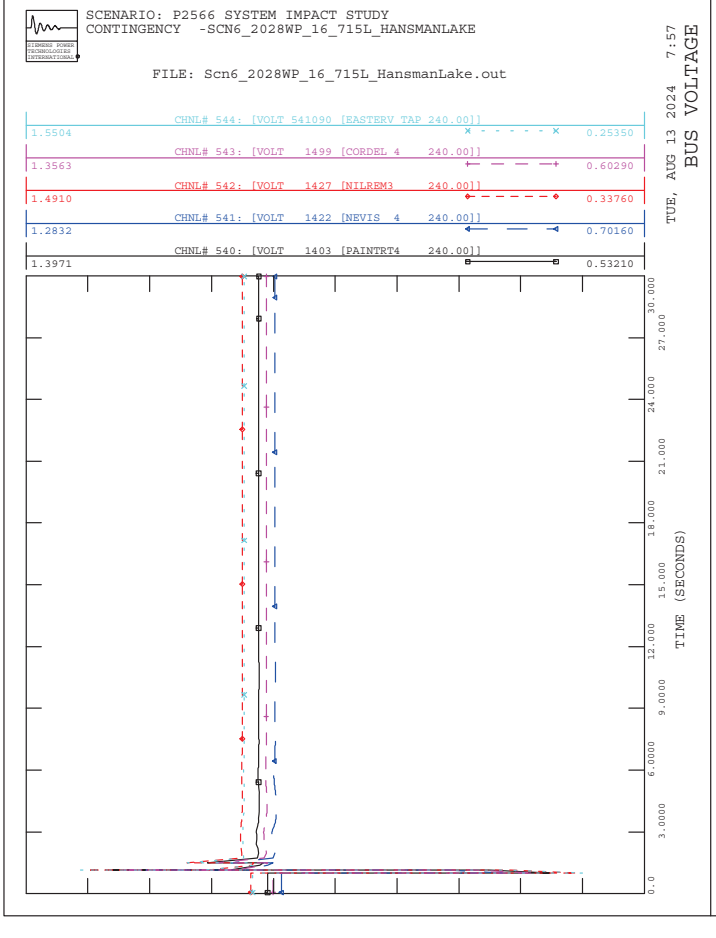
CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.5289 0.23450

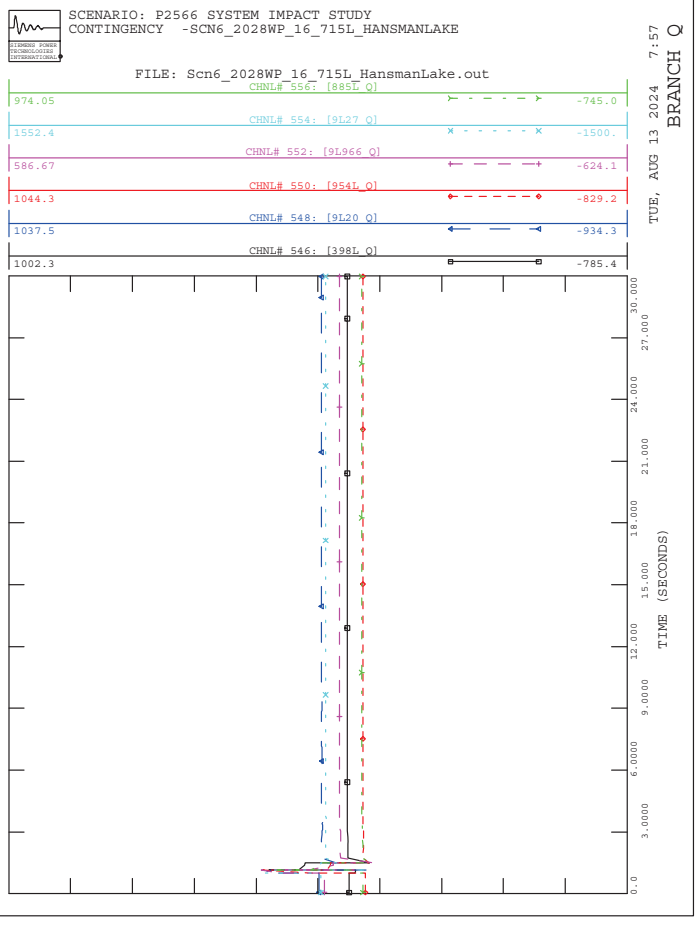
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TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_16_715L_HANSMANLAKE
FILE: Scn6_2028WP_16_715L_HansmanLake.out
CHNL# 555: [885L P]
1139.5
-814.2
CHNL# 553: [9L27 P]
670.02
-933.9
CHNL# 551: [9L966 P]
2062.3
-1374.
CHNL# 549: [954L P]
398.97
-280.1
CHNL# 547: [9L20 P]
642.25
-1177.
CHNL# 545: [398L P]
603.00
-584.3
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_16_715L_HANSMANLAKE
FILE: Scn6_2028WP_16_715L_HansmanLake.out
CHNL# 565: [715L P]
5000.0
-5000.
CHNL# 571: [679L P]
133.21
-10.23
CHNL# 563: [680L P]
133.21
-10.23
CHNL# 561: [948L P]
206.68
-40.24
CHNL# 559: [7L224 P]
109.11
-327.5
CHNL# 557: [748L P]
267.01
-196.4
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_16_715L_HANSMANLAKE
FILE: Scn6_2028WP_16_715L_HansmanLake.out
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.5504
0.25350
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3563
0.60290
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4910
0.33760
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2832
0.70160
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3971
0.53210
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
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3.0000
6.0000
9.0000
12.000
15.000
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30.000

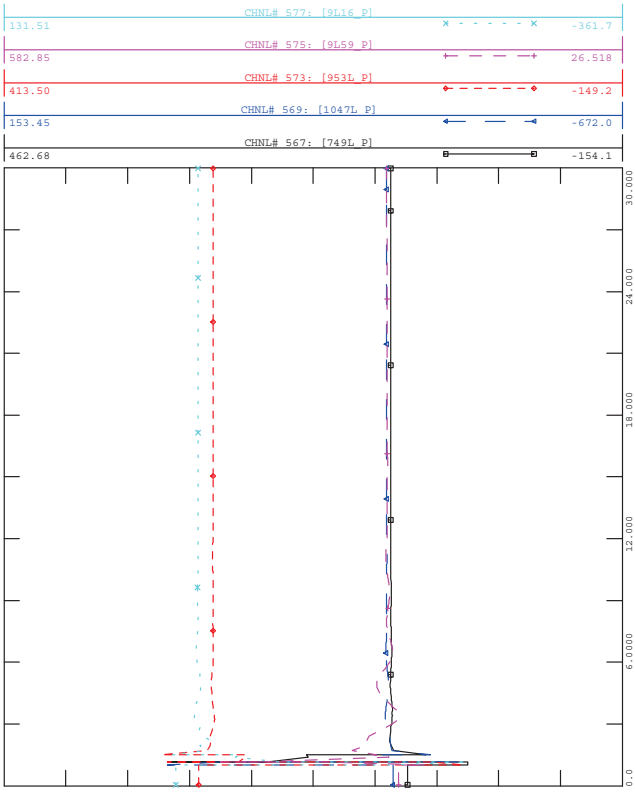

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_16_715L_HANSMANLAKE
FILE: Scn6_2028WP_16_715L_HansmanLake.out
CHNL# 556: [885L Q]
974.05
-745.0
CHNL# 554: [9L27 Q]
1552.4
-1500.
CHNL# 552: [9L966 Q]
586.67
-624.1
CHNL# 550: [954L Q]
1044.3
-829.2
CHNL# 548: [9L20 Q]
1037.5
-934.3
CHNL# 546: [398L Q]
1002.3
-785.4
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_16_715L_HANSMANLAKE

FILE: Scn6_2028WP_16_715L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

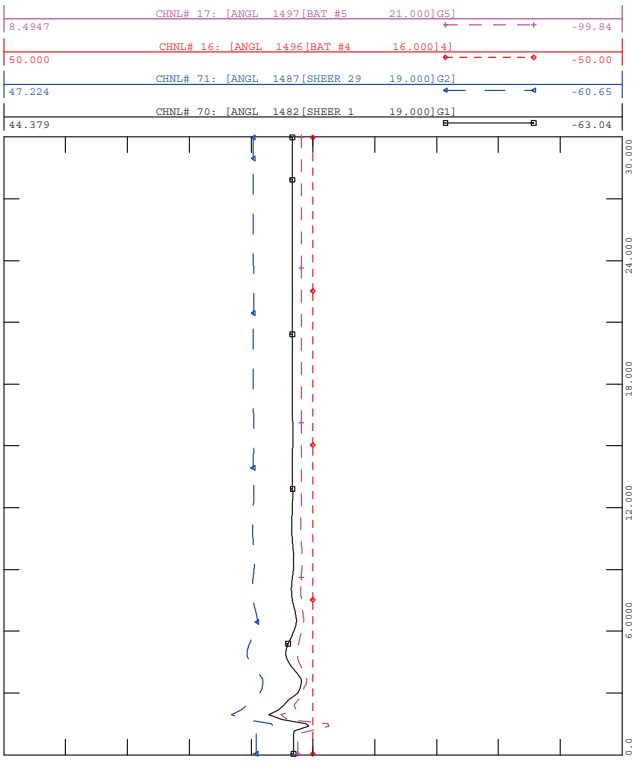


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_17_715L_PROVOST

FILE: Scn6_2028WP_17_715L_Provost.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

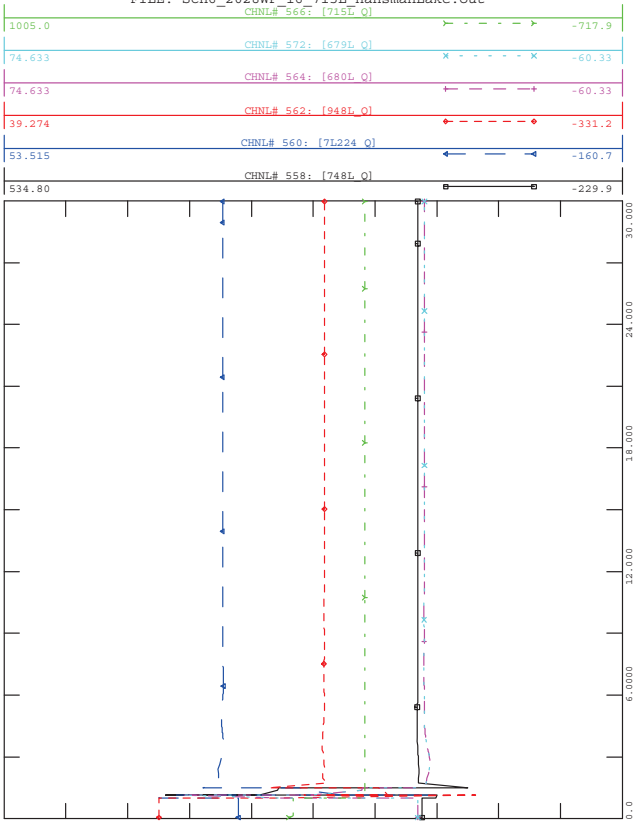


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_16_715L_HANSMANLAKE

FILE: Scn6_2028WP_16_715L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

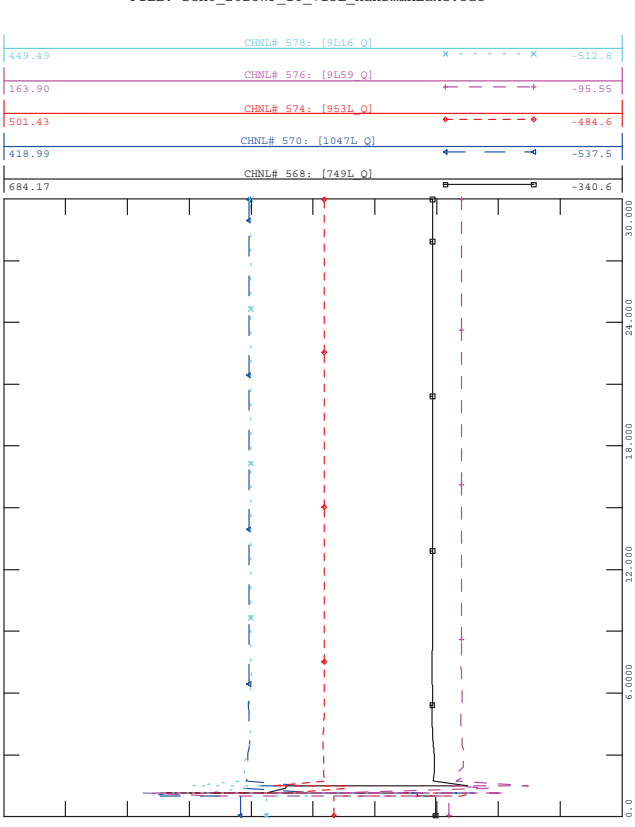


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_16_715L_HANSMANLAKE

FILE: Scn6_2028WP_16_715L_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

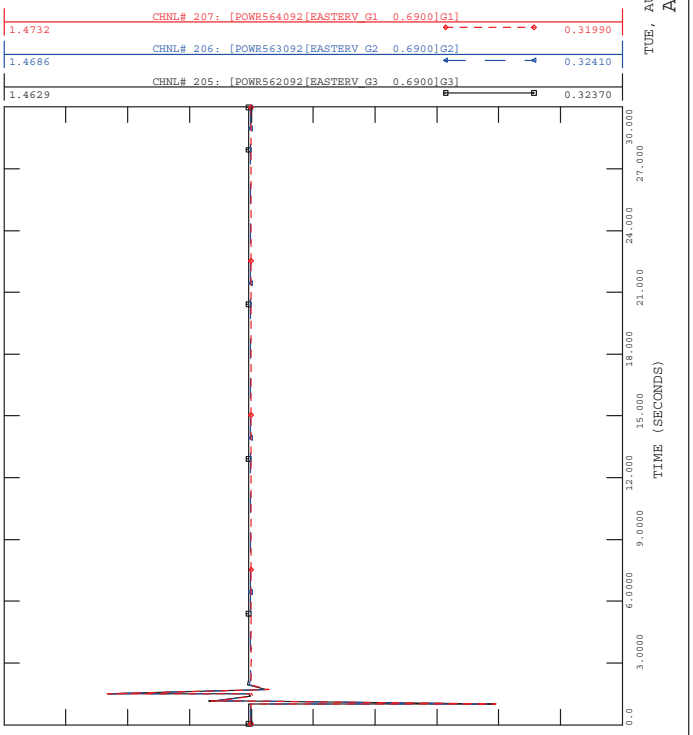


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_17_715L_PROVOST

FILE: Scn6_2028WP_17_715L_Provost.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

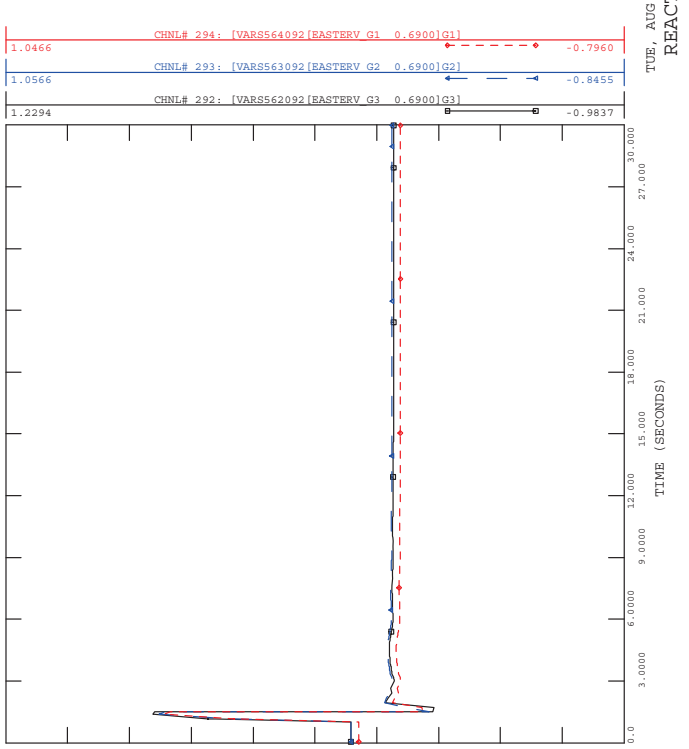


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_17_715L_PROVOST

FILE: Scn6_2028WP_17_715L_Provost.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

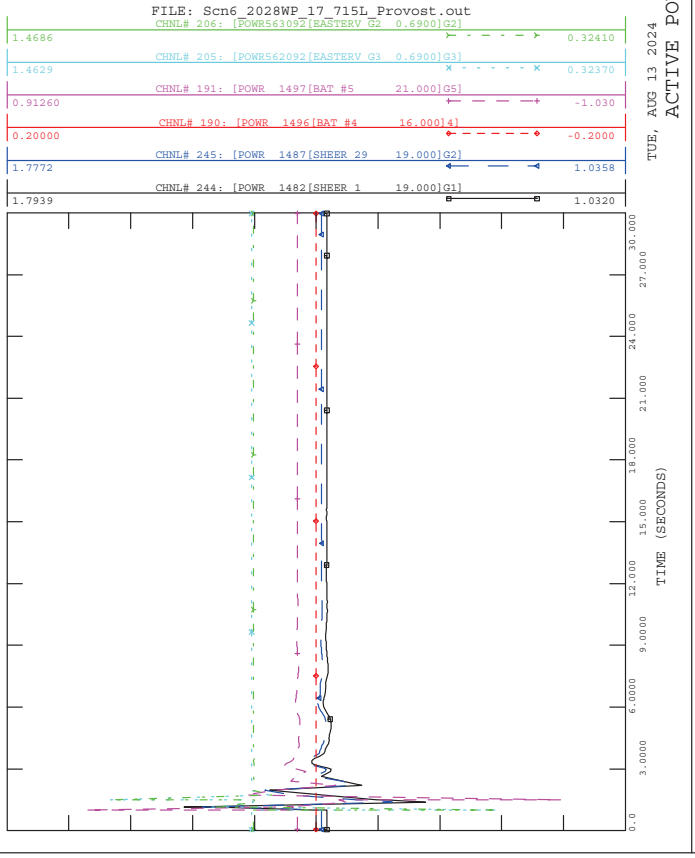


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_17_715L_PROVOST

FILE: Scn6_2028WP_17_715L_Provost.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

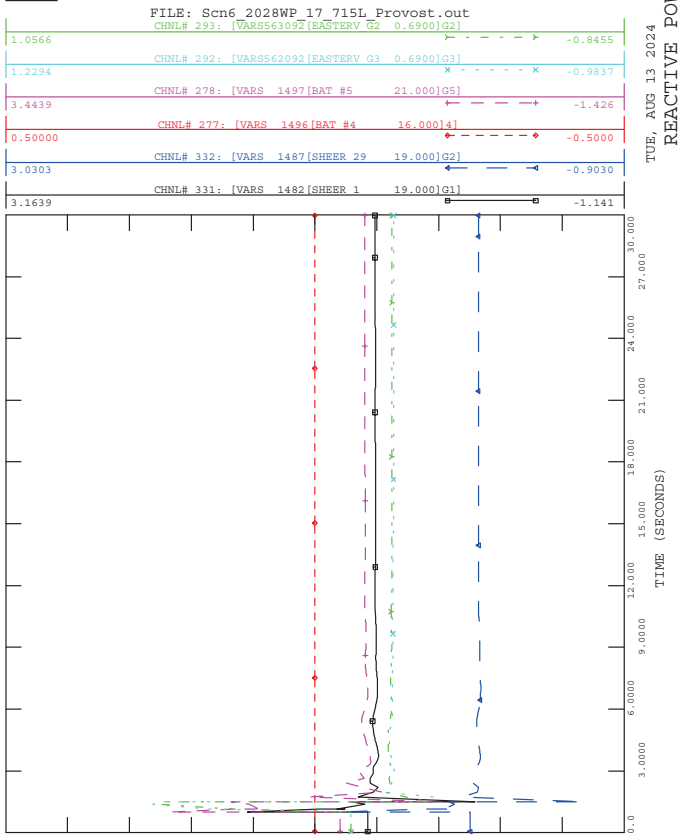


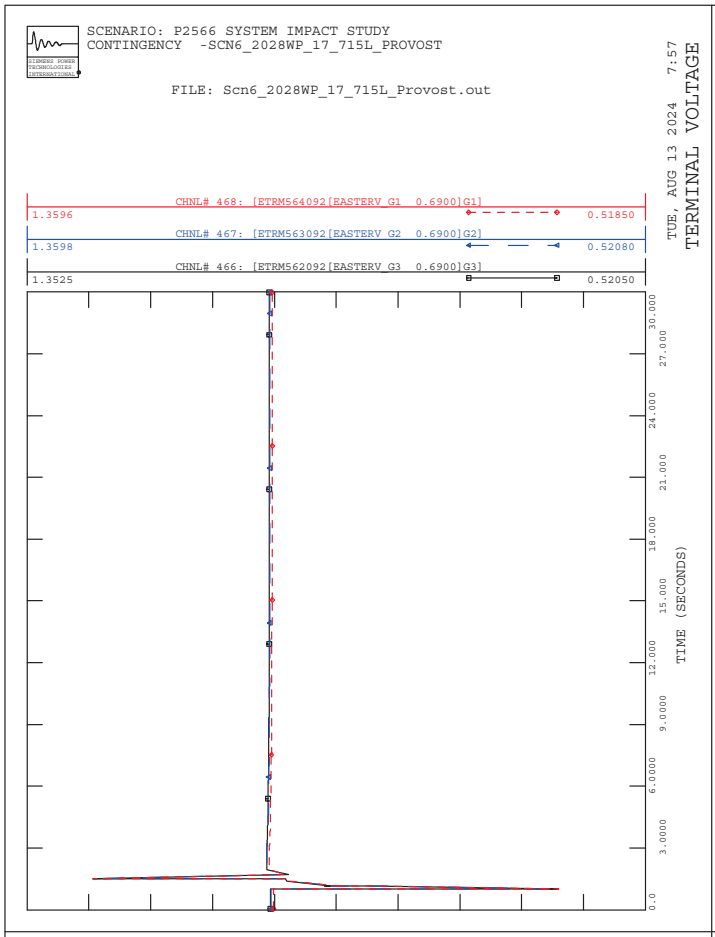
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_17_715L_PROVOST

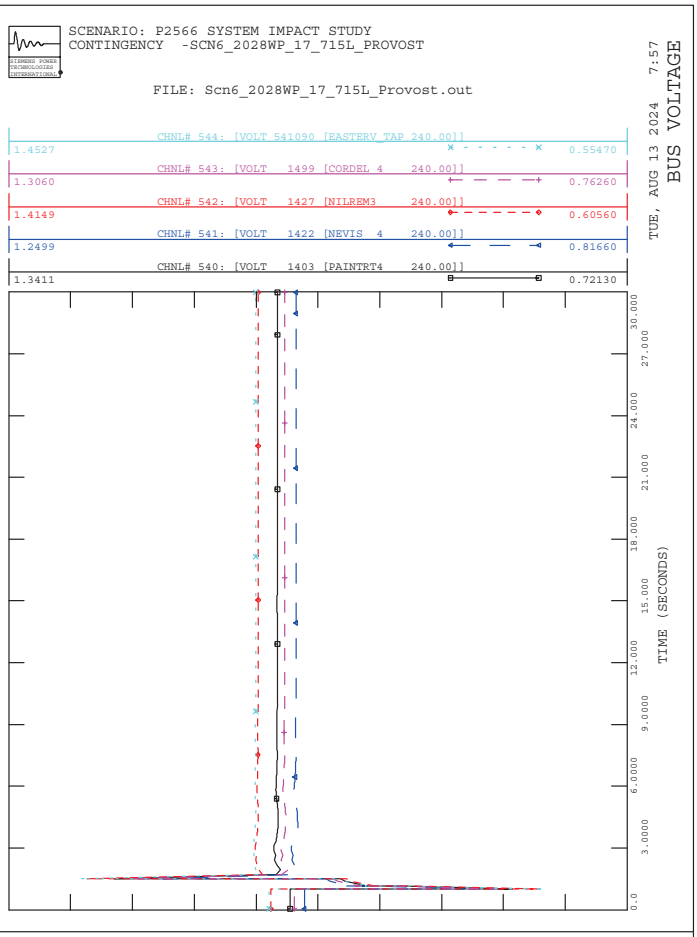
FILE: Scn6_2028WP_17_715L_Provost.out

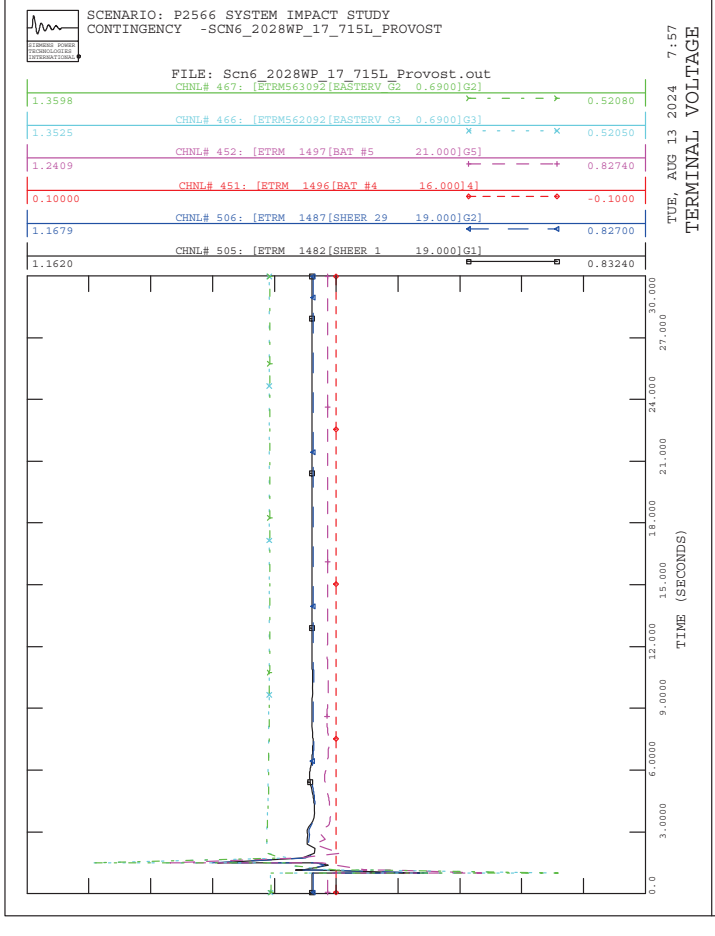
TUE, AUG 13 2024 7:57

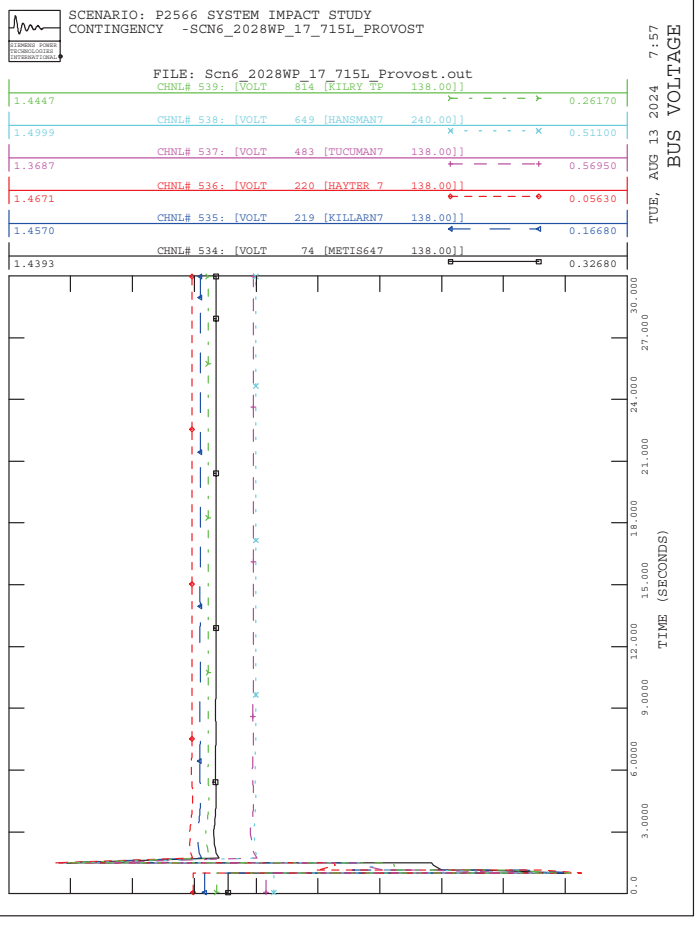
REACTIVE POWER

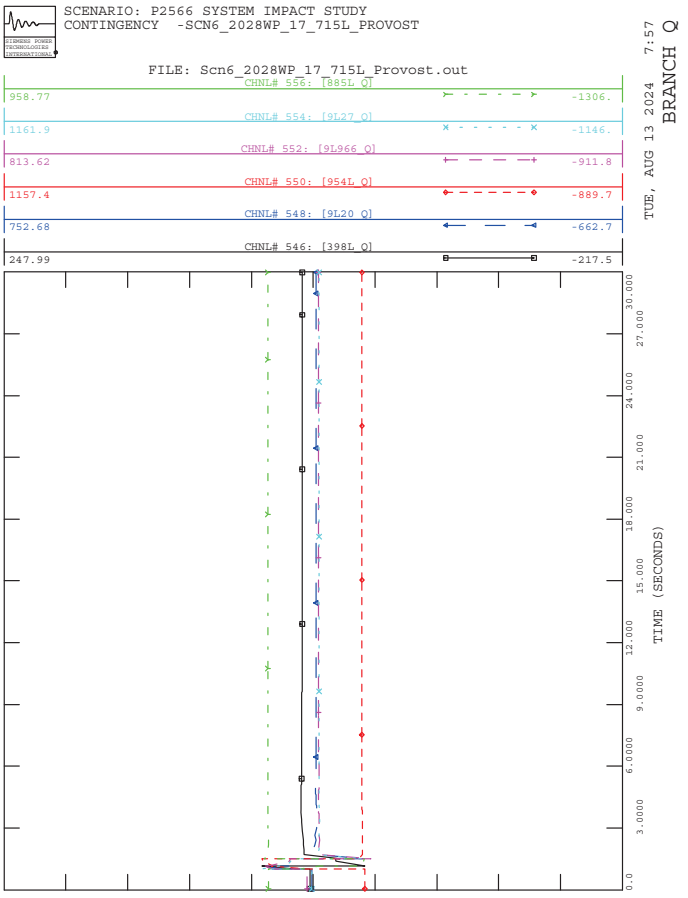


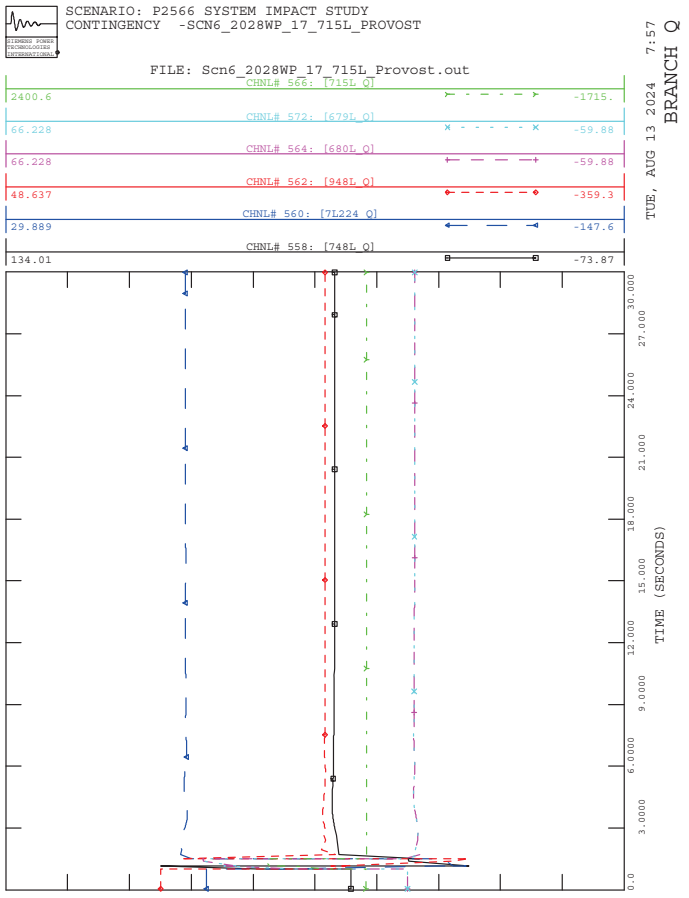

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_17_715L_PROVOST
FILE: Scn6_2028WP_17_715L_Provost.out
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.3596
0.51850
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.3598
0.52080
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3525
0.52050
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

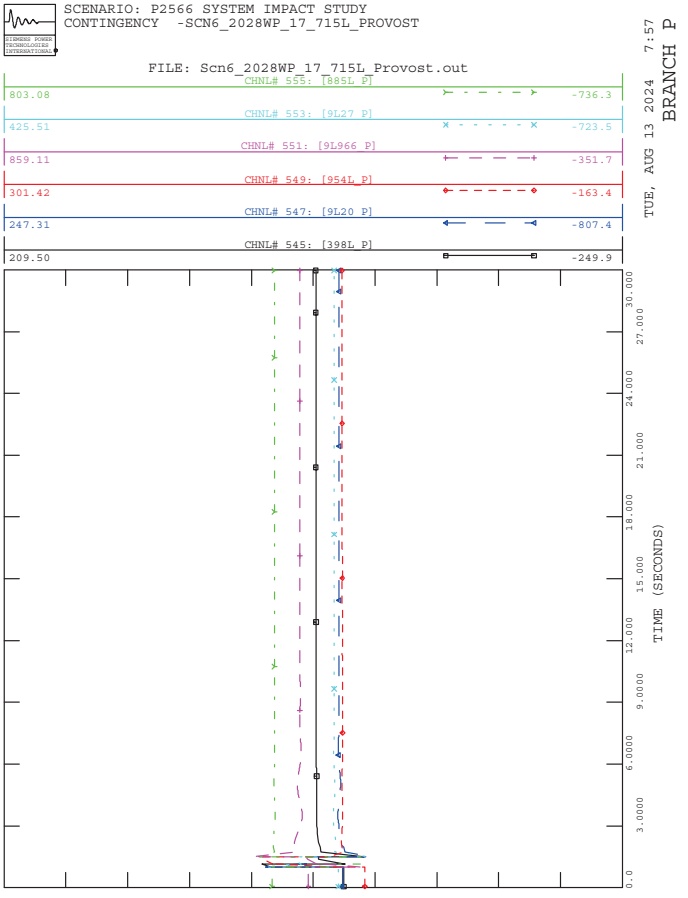

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_17_715L_PROVOST
FILE: Scn6_2028WP_17_715L_Provost.out
CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.4527
0.55470
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3060
0.76260
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4149
0.60560
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2499
0.81660
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3411
0.72130
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

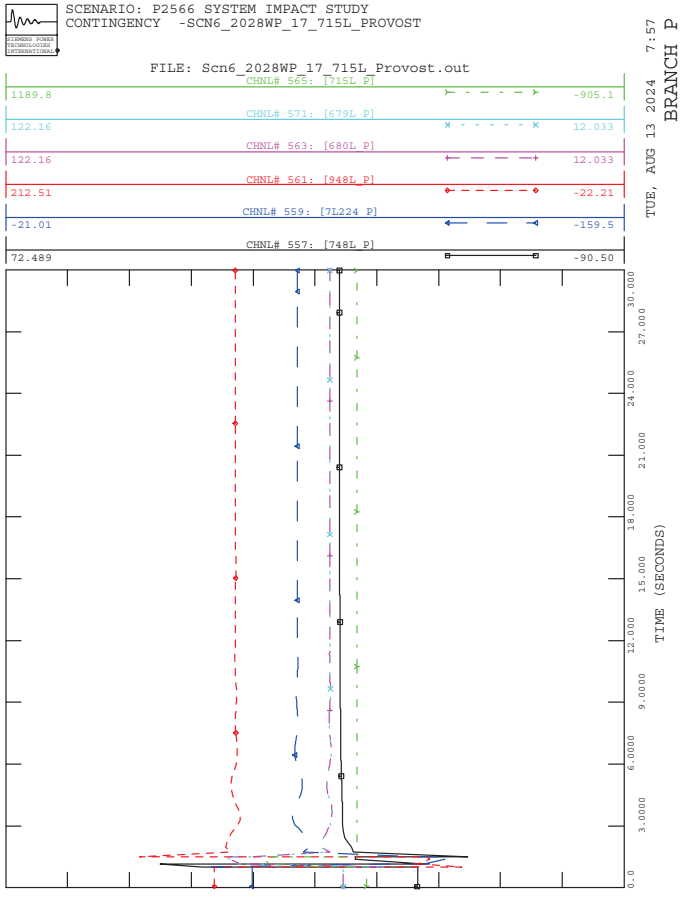

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_17_715L_PROVOST
FILE: Scn6_2028WP_17_715L_Provost.out
CHNL# 467: [ETRM563097[EASTERV G2 0.6900]G2]
1.3598
0.52080
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.3525
0.52050
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2409
0.82740
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000
-0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1679
0.82700
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1620
0.83240
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_17_715L_PROVOST
FILE: Scn6_2028WP_17_715L_Provost.out
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4447
0.26170
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4999
0.51100
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3687
0.56950
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4671
0.05630
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4570
0.16680
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4393
0.32680
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_17_715L_PROVOST
FILE: Scn6_2028WP_17_715L_Provost.out
CHNL# 556: [885L Q]
958.77
-1306.
CHNL# 554: [9L27 Q]
1161.9
-1146.
CHNL# 552: [9L966 Q]
813.62
-911.8
CHNL# 550: [954L Q]
1157.4
-889.7
CHNL# 548: [9L20 Q]
752.68
-662.7
CHNL# 546: [398L Q]
247.99
-217.5
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_17_715L_PROVOST
FILE: Scn6_2028WP_17_715L_Provost.out
CHNL# 566: [715L Q]
2400.6
-1715.
CHNL# 572: [679L Q]
66.228
-59.88
CHNL# 564: [680L Q]
66.228
-59.88
CHNL# 562: [948L Q]
48.637
-359.3
CHNL# 560: [7L224 Q]
29.889
-147.6
CHNL# 558: [748L Q]
134.01
-73.87
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_17_715L_PROVOST
FILE: Scn6_2028WP_17_715L_Provost.out
CHNL# 555: [885L P]
803.08
-736.3
CHNL# 553: [9L27 P]
425.51
-723.5
CHNL# 551: [9L966 P]
859.11
-351.7
CHNL# 549: [954L P]
301.42
-163.4
CHNL# 547: [9L20 P]
247.31
-807.4
CHNL# 545: [398L P]
209.50
-249.9
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_17_715L_PROVOST
FILE: Scn6_2028WP_17_715L_Provost.out
CHNL# 565: [715L P]
1189.8
-905.1
CHNL# 571: [679L P]
122.16
12.033
CHNL# 563: [680L P]
122.16
12.033
CHNL# 561: [948L P]
212.51
-22.21
CHNL# 559: [7L224 P]
-21.01
-159.5
CHNL# 557: [748L P]
72.489
-90.50
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

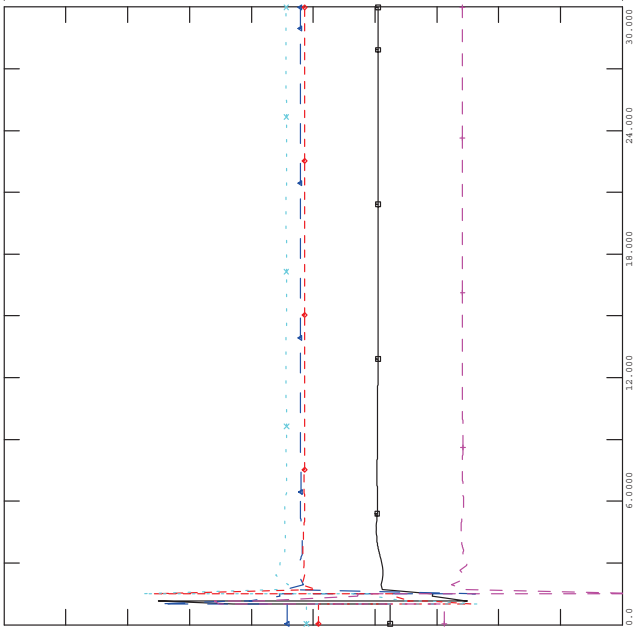
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_17_715L_PROVOST

FILE: Scn6_2028WP_17_715L_Provost.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16_Q] 432.45 -367.9
CHNL# 576: [9L59_Q] 112.91 -77.72
CHNL# 574: [953L_Q] 370.71 -408.5
CHNL# 570: [1047L_Q] 366.29 -317.7
CHNL# 568: [749L_Q] 149.85 -140.6



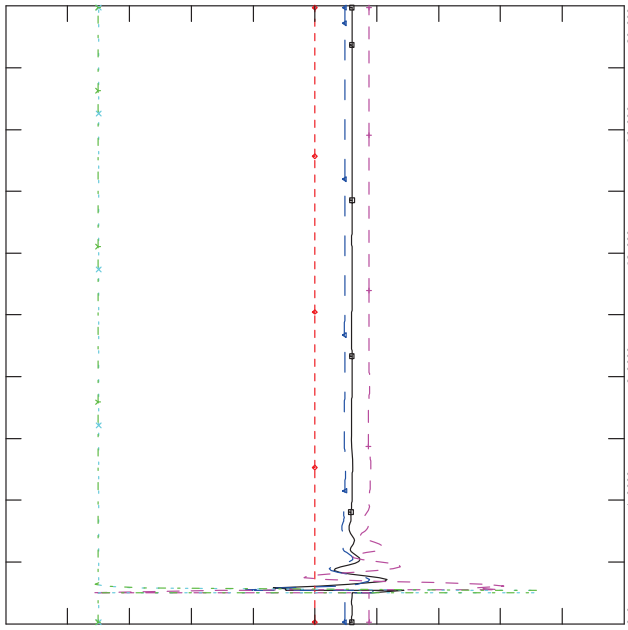
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_18_9L666_HANSMANLAKE

FILE: Scn6_2028WP_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2] 1.2242 -0.2000
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3] 1.2262 -0.2000
CHNL# 191: [POWR 1497[BAT #5 21.000]G5] 1.4337 -1.007
CHNL# 190: [POWR 1496[BAT #4 16.000]4] 0.20000 -0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2] 3.1052 -0.0063
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1] 3.2645 -0.0675



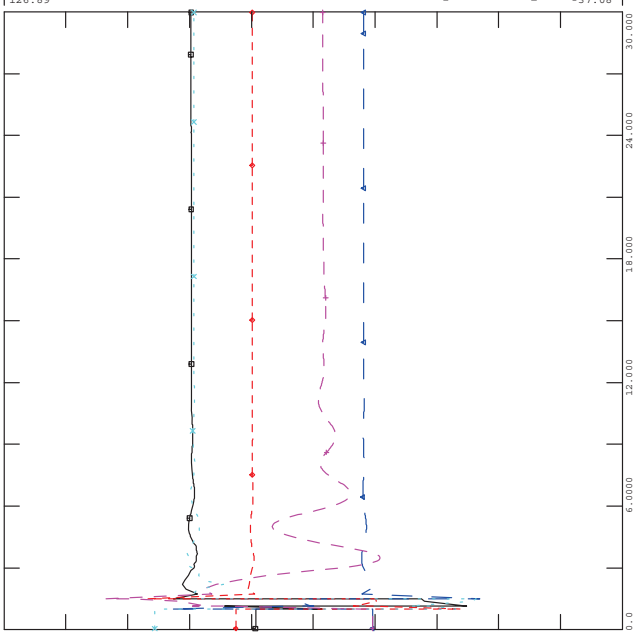
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_17_715L_PROVOST

FILE: Scn6_2028WP_17_715L_Provost.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P] 62.291 -215.4
CHNL# 575: [9L59_P] 303.17 176.66
CHNL# 573: [953L_P] 421.21 -71.85
CHNL# 569: [1047L_P] -9.021 -607.7
CHNL# 567: [749L_P] 126.89 -37.08



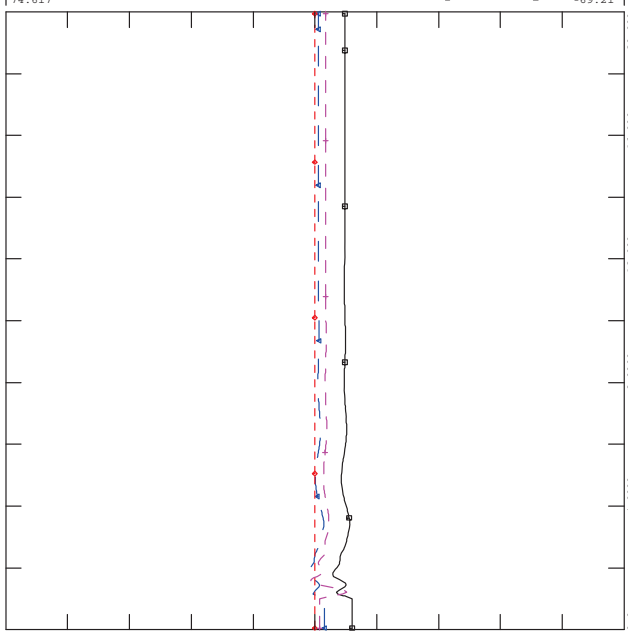
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CONTINGENCY -SCN6_2028WP_18_9L666_HANSMANLAKE

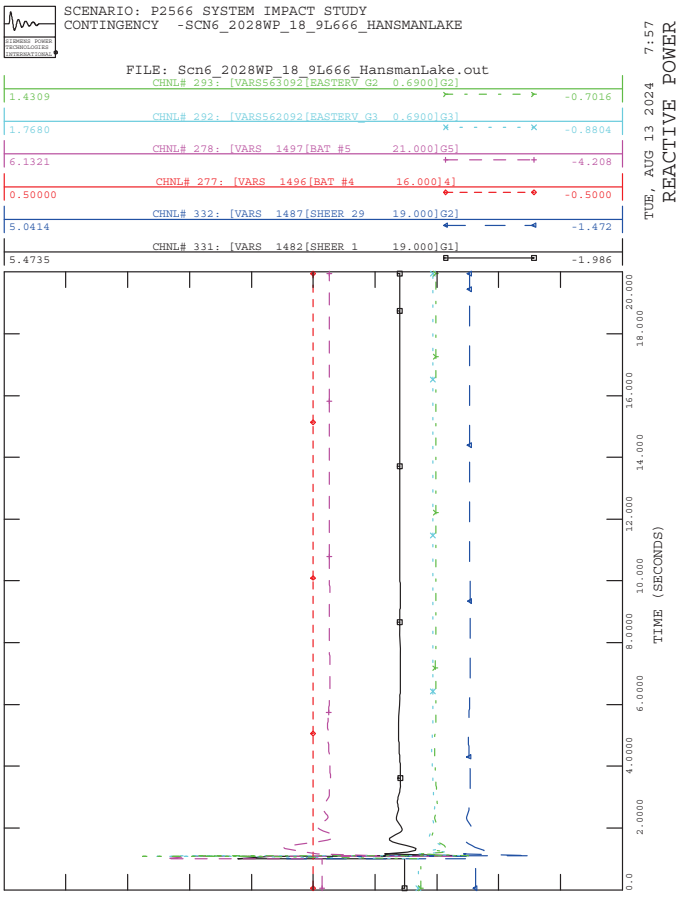
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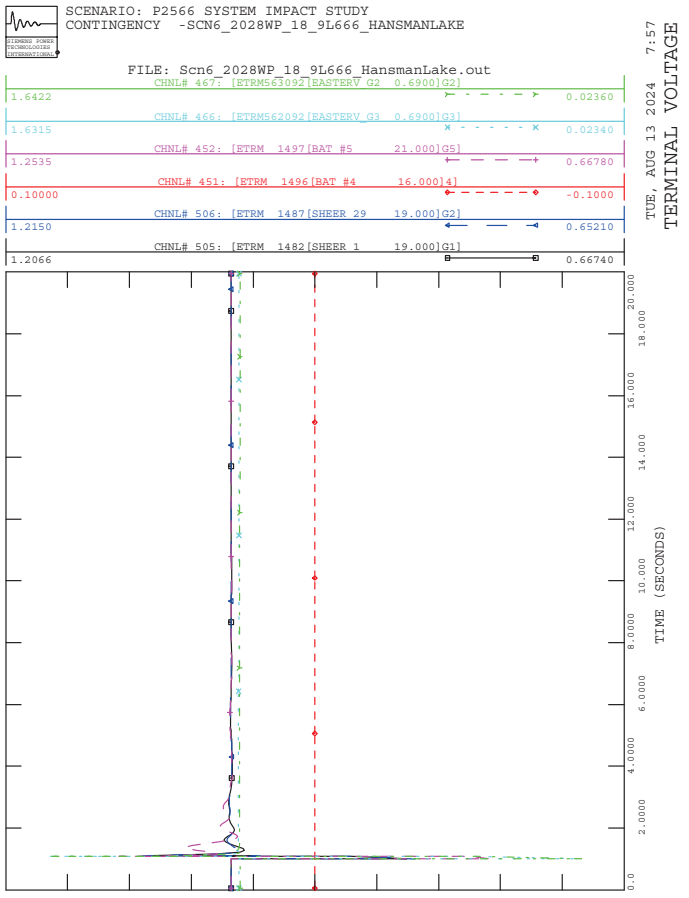
TUE, AUG 13 2024 7:57

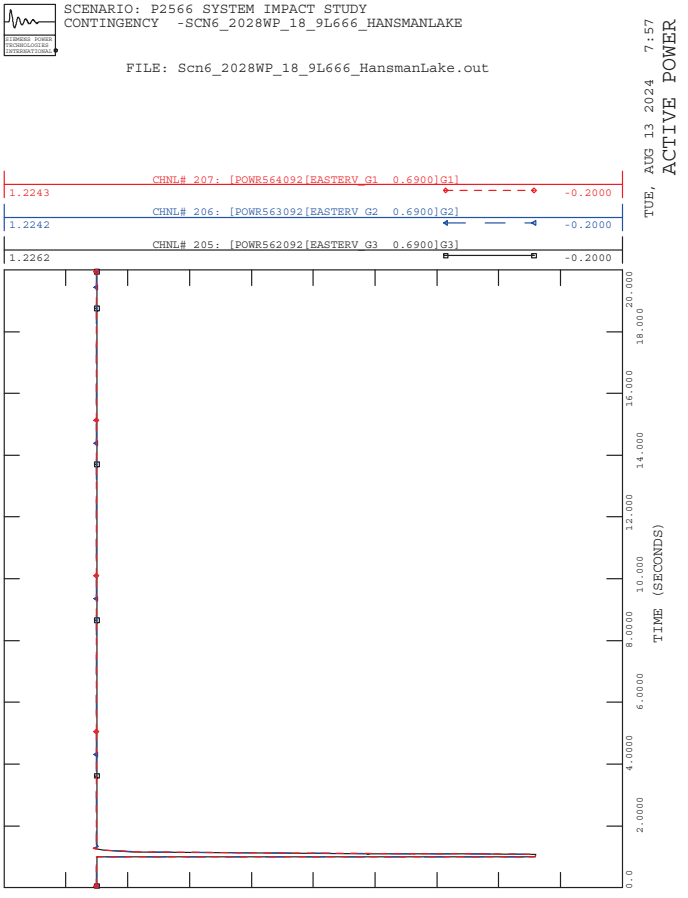
ROTOR ANGLE

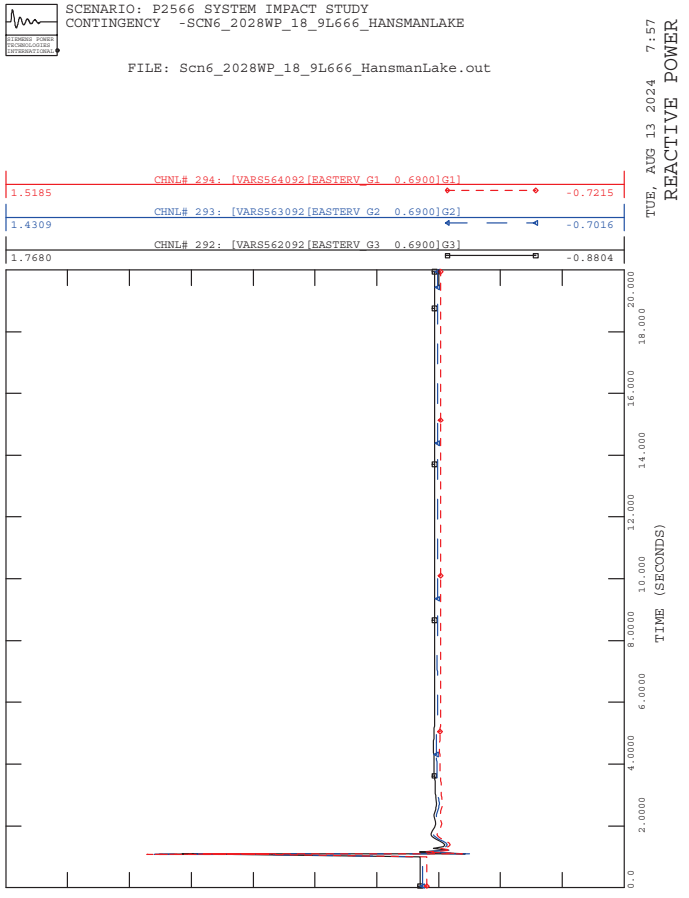
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5] 19.565 -103.9
CHNL# 16: [ANGL 1496[BAT #4 16.000]4] 50.000 -50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2] 76.920 -66.16
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1] 74.617 -69.21




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_18_9L666_HANSMANLAKE
FILE: Scn6_2028WP_18_9L666_HansmanLake.out
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.4309 -0.7016
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.7680 -0.8804
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
6.1321 -4.208
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000 -0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
5.0414 -1.472
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
5.4735 -1.986
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_18_9L666_HANSMANLAKE
FILE: Scn6_2028WP_18_9L666_HansmanLake.out
CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.6422 0.02360
CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.6315 0.02340
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2535 0.66780
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2150 0.65210
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.2066 0.66740
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_18_9L666_HANSMANLAKE
FILE: Scn6_2028WP_18_9L666_HansmanLake.out
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2243 -0.2000
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2242 -0.2000
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2262 -0.2000
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_18_9L666_HANSMANLAKE
FILE: Scn6_2028WP_18_9L666_HansmanLake.out
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.5185 -0.7215
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.4309 -0.7016
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.7680 -0.8804
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_18_9L666_HANSMANLAKE

FILE: Scn6_2028WP_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4983 -0.0029

CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.6587 -0.0947

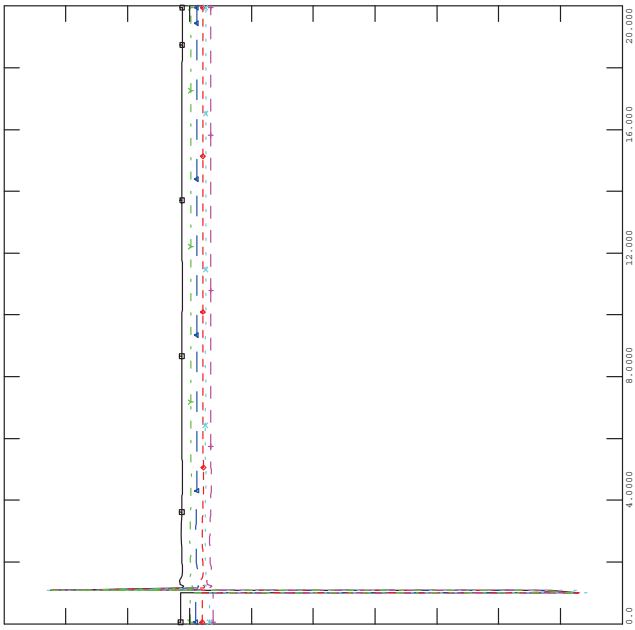
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4773 0.17290

CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.5521 -0.0233

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.5252 -0.0126

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4746 -0.0315

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_18_9L666_HANSMANLAKE

FILE: Scn6_2028WP_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
1209.4 -860.4

CHNL# 553: [9L27 P]
728.12 -854.3

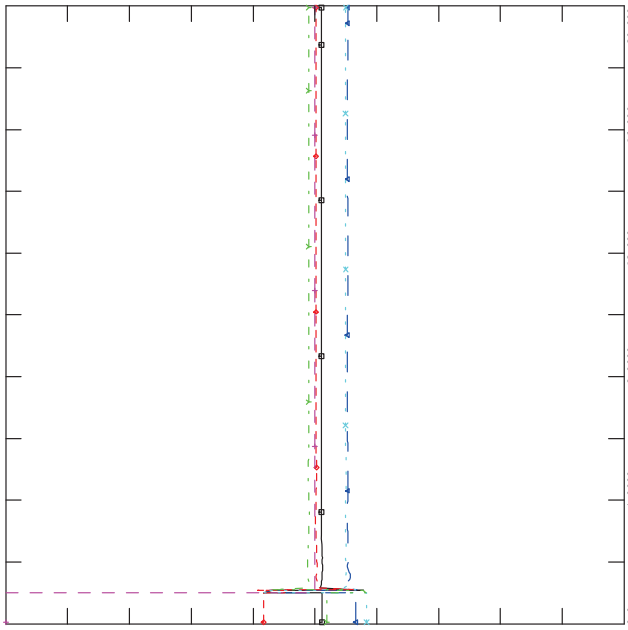
CHNL# 551: [9L966 P]
5000.0 -5000.

CHNL# 549: [954L P]
345.29 -410.8

CHNL# 547: [9L20 P]
686.74 -1108.

CHNL# 545: [398L P]
185.84 -260.9

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_18_9L666_HANSMANLAKE

FILE: Scn6_2028WP_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

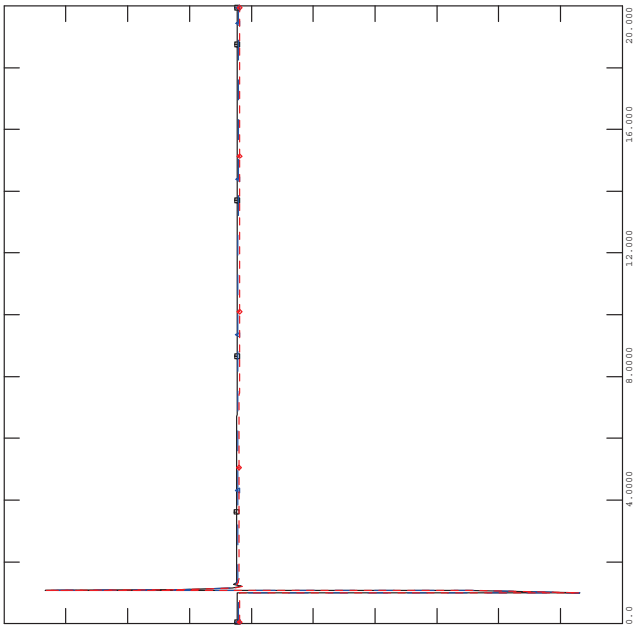
TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.6414 0.02300

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.6422 0.02360

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.6315 0.02340

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_18_9L666_HANSMANLAKE

FILE: Scn6_2028WP_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.6259 0.03220

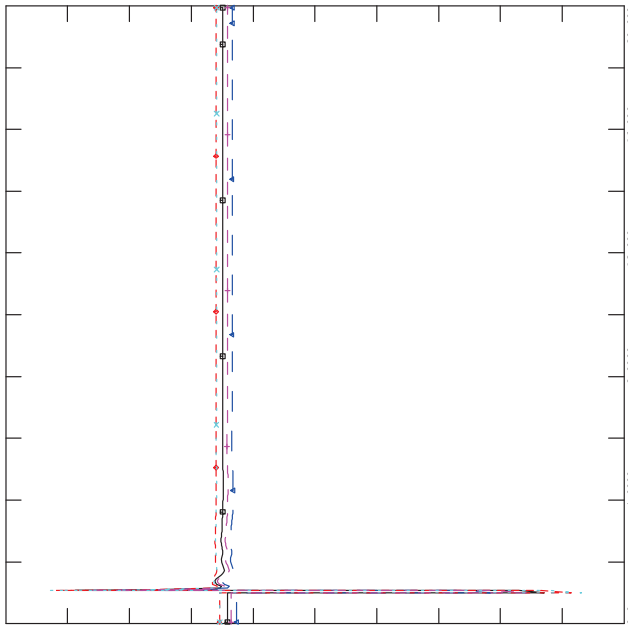
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3747 0.49750

CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.5477 0.17000

CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2914 0.62600

CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.4277 0.39980

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_18_9L666_HANSMANLAKE

FILE: Scn6_2028WP_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 565: [715L P]
163.94 -225.7

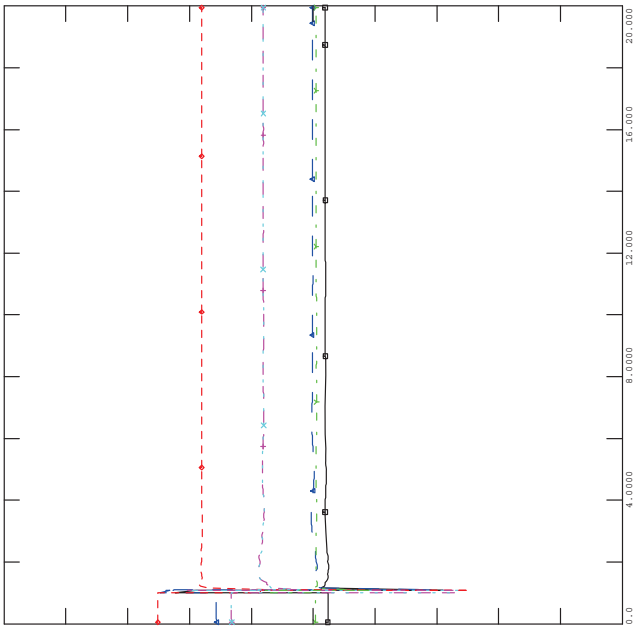
CHNL# 571: [679L P]
117.84 -33.62

CHNL# 563: [680L P]
117.84 -33.62

CHNL# 561: [948L P]
334.83 -475.3

CHNL# 559: [7L224 P]
195.41 -595.4

CHNL# 557: [748L P]
39.959 -105.1



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_18_9L666_HANSMANLAKE

FILE: Scn6_2028WP_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH P

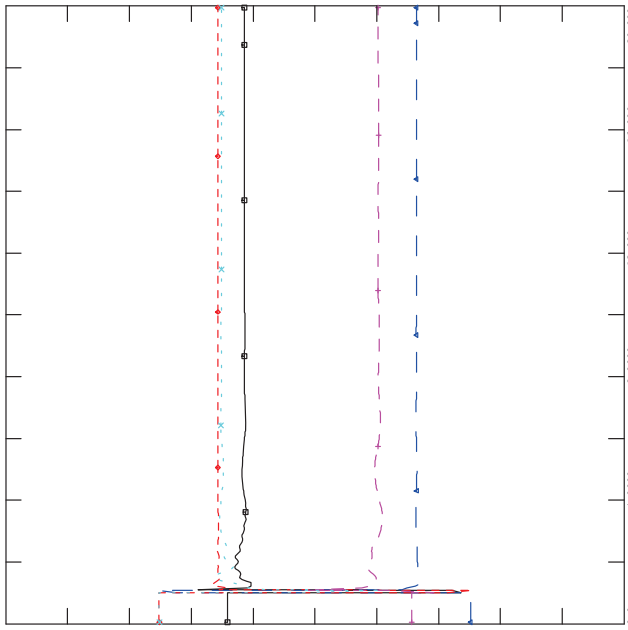
CHNL# 577: [9L16 P]
208.06 -652.6

CHNL# 575: [9L59 P]
1053.3 -203.6

CHNL# 573: [953L P]
386.34 -217.9

CHNL# 569: [1047L P]
259.86 -572.4

CHNL# 567: [749L P]
115.53 -38.84



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_18_9L666_HANSMANLAKE

FILE: Scn6_2028WP_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L Q]
914.63 -1226.

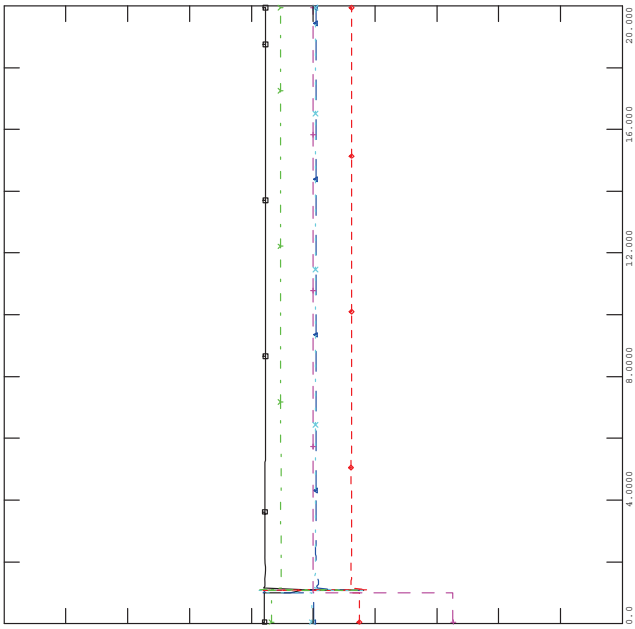
CHNL# 554: [9L27 Q]
2148.7 -2145.

CHNL# 552: [9L966 Q]
5000.0 -5000.

CHNL# 550: [954L Q]
1030.9 -824.4

CHNL# 548: [9L20 Q]
1343.5 -1244.

CHNL# 546: [398L Q]
180.18 -205.4



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_18_9L666_HANSMANLAKE

FILE: Scn6_2028WP_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 566: [715L Q]
576.61 -794.5

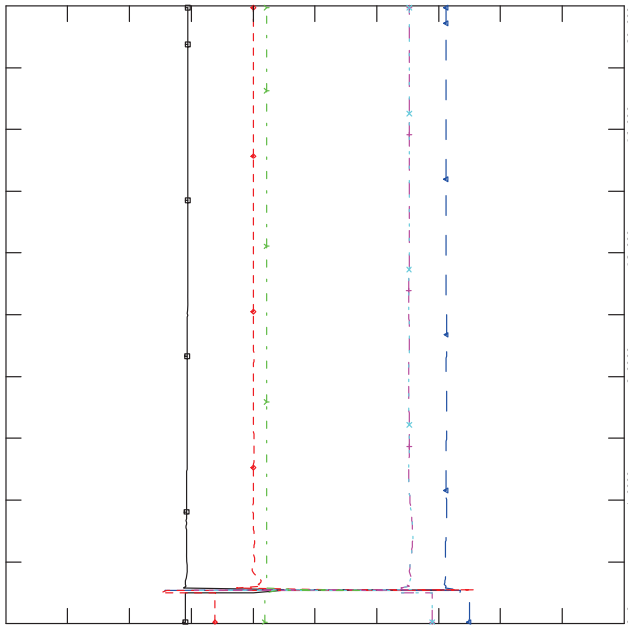
CHNL# 572: [679L Q]
73.615 -55.93

CHNL# 564: [680L Q]
73.615 -55.93

CHNL# 562: [948L Q]
140.42 -432.5

CHNL# 560: [7L224 Q]
1207.9 -440.9

CHNL# 558: [748L Q]
59.774 -84.21

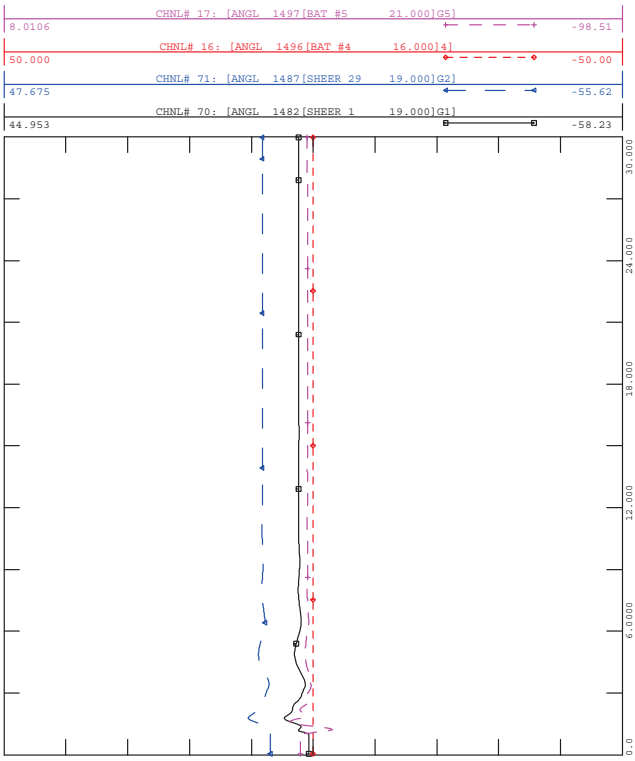


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_19_9L666_PEMUKAN

FILE: Scn6_2028WP_19_9L666_Pemukan.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

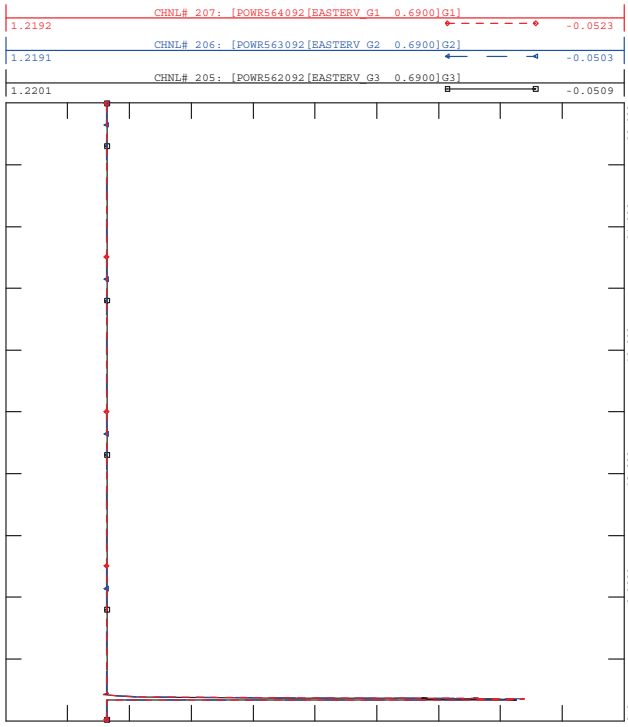


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_19_9L666_PEMUKAN

FILE: Scn6_2028WP_19_9L666_Pemukan.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

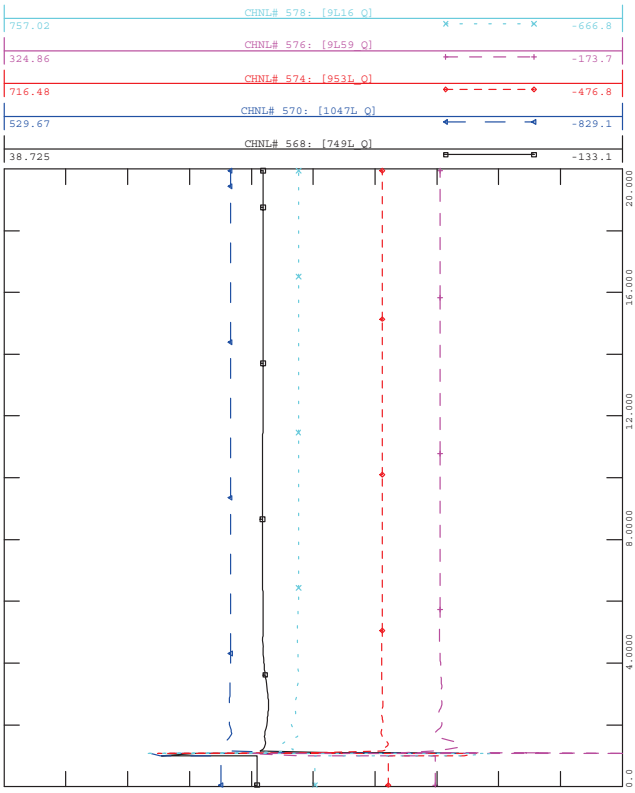


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_18_9L666_HANSMANLAKE

FILE: Scn6_2028WP_18_9L666_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

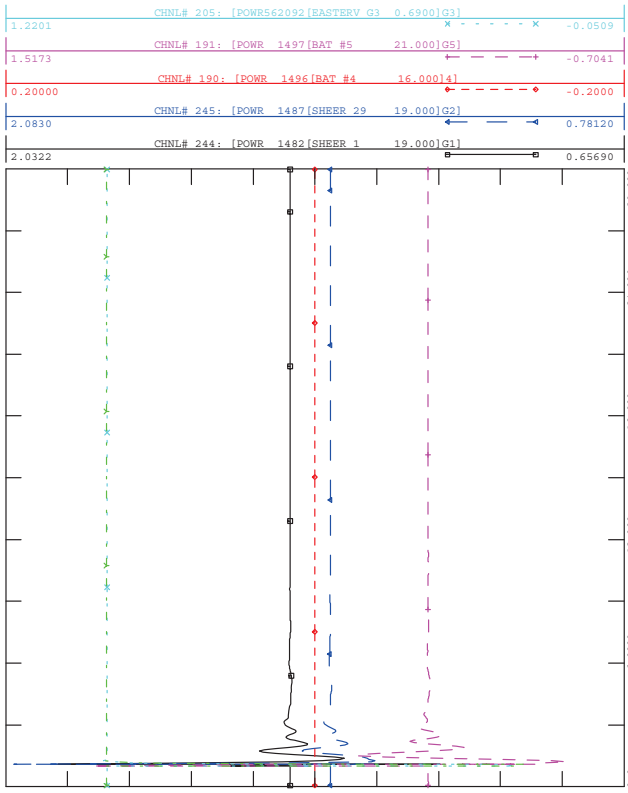


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_19_9L666_PEMUKAN

FILE: Scn6_2028WP_19_9L666_Pemukan.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

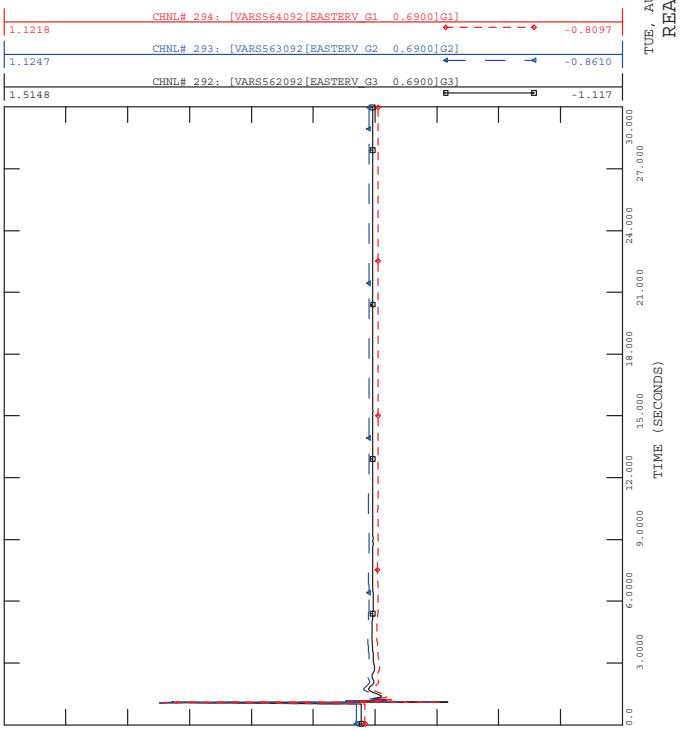


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_19_9L666_PEMUKAN

FILE: Scn6_2028WP_19_9L666_Pemukan.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

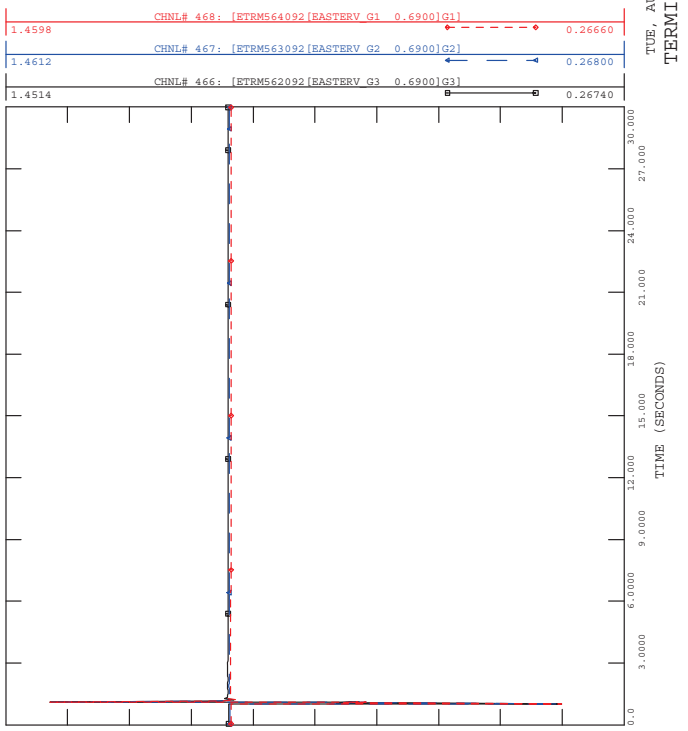


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_19_9L666_PEMUKAN

FILE: Scn6_2028WP_19_9L666_Pemukan.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

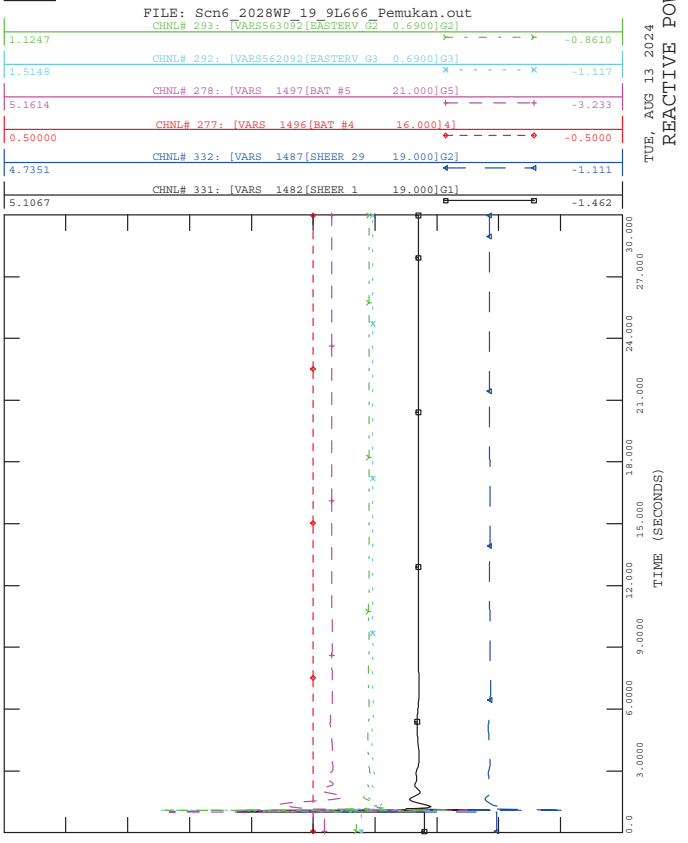


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_19_9L666_PEMUKAN

FILE: Scn6_2028WP_19_9L666_Pemukan.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

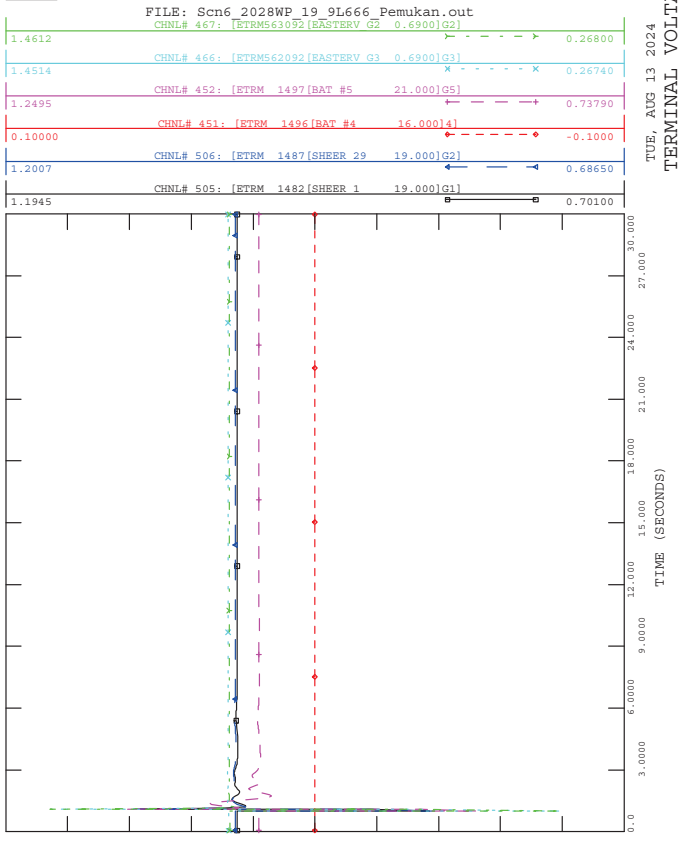


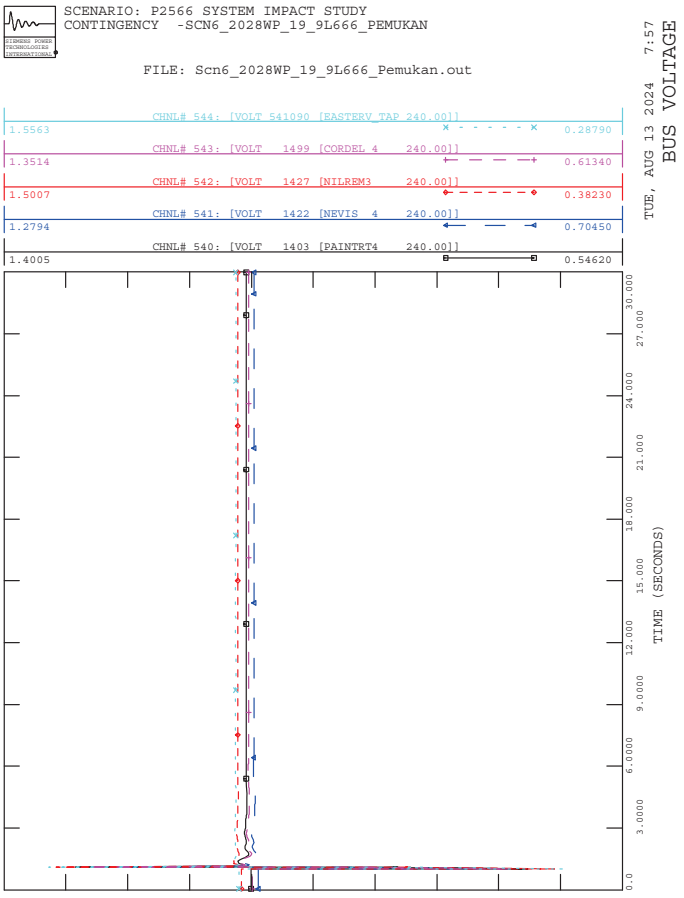
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_19_9L666_PEMUKAN

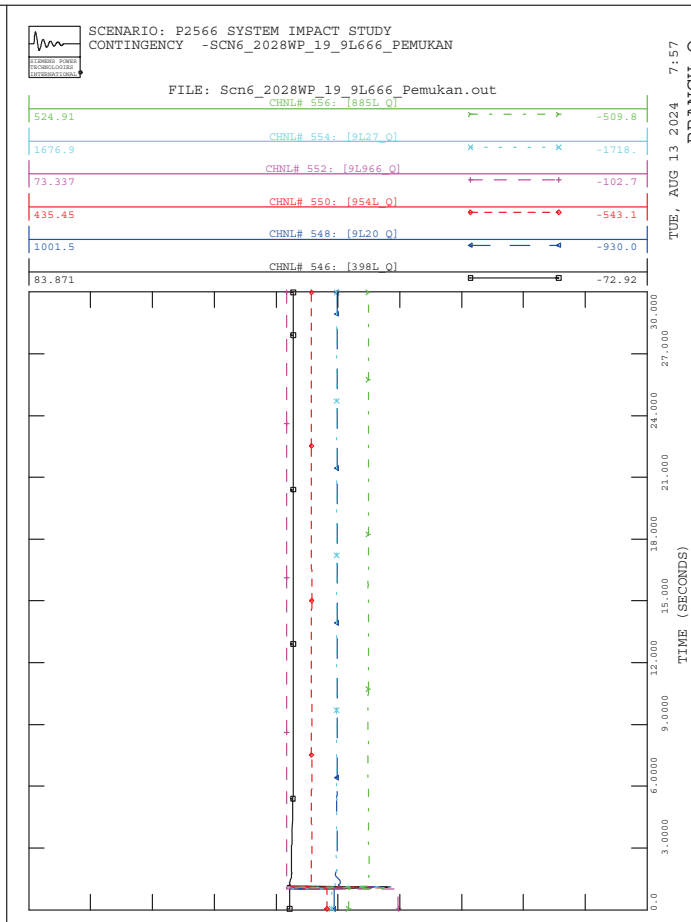
FILE: Scn6_2028WP_19_9L666_Pemukan.out

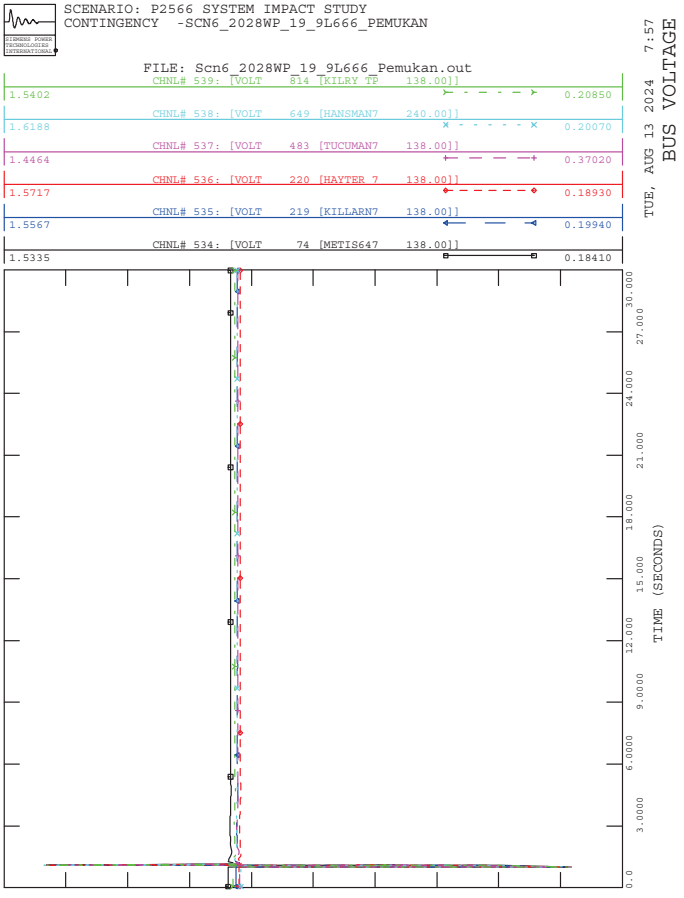
TUE, AUG 13 2024 7:57

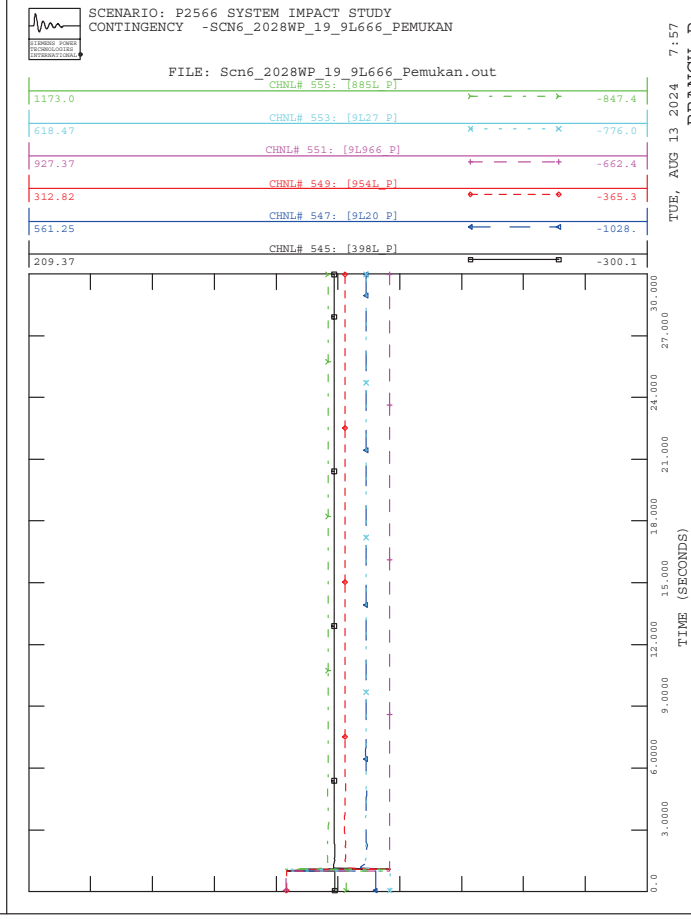
TERMINAL VOLTAGE




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_19_9L666_PEMUKAN
FILE: Scn6_2028WP_19_9L666_Pemukan.out
TUE, AUG 13 2024 7:57
BUS VOLTAGE
CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.5563
0.28790
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3514
0.61340
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.5007
0.38230
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2794
0.70450
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.4005
0.54620
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)

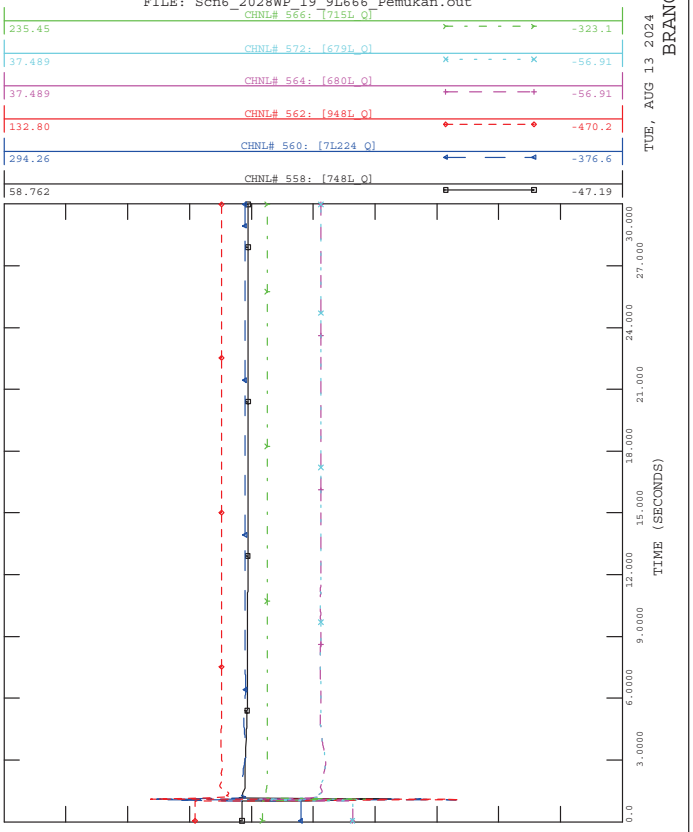

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_19_9L666_PEMUKAN
FILE: Scn6_2028WP_19_9L666_Pemukan.out
TUE, AUG 13 2024 7:57
BRANCH Q
CHNL# 556: [885L Q]
524.91
-509.8
CHNL# 554: [9L27 Q]
1676.9
-1718.
CHNL# 552: [9L966 Q]
73.337
-102.7
CHNL# 550: [954L Q]
435.45
-543.1
CHNL# 548: [9L20 Q]
1001.5
-930.0
CHNL# 546: [398L Q]
83.871
-72.92
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_19_9L666_PEMUKAN
FILE: Scn6_2028WP_19_9L666_Pemukan.out
TUE, AUG 13 2024 7:57
BUS VOLTAGE
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.5402
0.20850
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.6188
0.20070
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4464
0.37020
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.5717
0.18930
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.5567
0.19940
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.5335
0.18410
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_19_9L666_PEMUKAN
FILE: Scn6_2028WP_19_9L666_Pemukan.out
TUE, AUG 13 2024 7:57
BRANCH P
CHNL# 555: [885L P]
1173.0
-847.4
CHNL# 553: [9L27 P]
618.47
-776.0
CHNL# 551: [9L966 P]
927.37
-662.4
CHNL# 549: [954L P]
312.82
-365.3
CHNL# 547: [9L20 P]
561.25
-1028.
CHNL# 545: [398L P]
209.37
-300.1
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_19_9L666_PEMUKAN

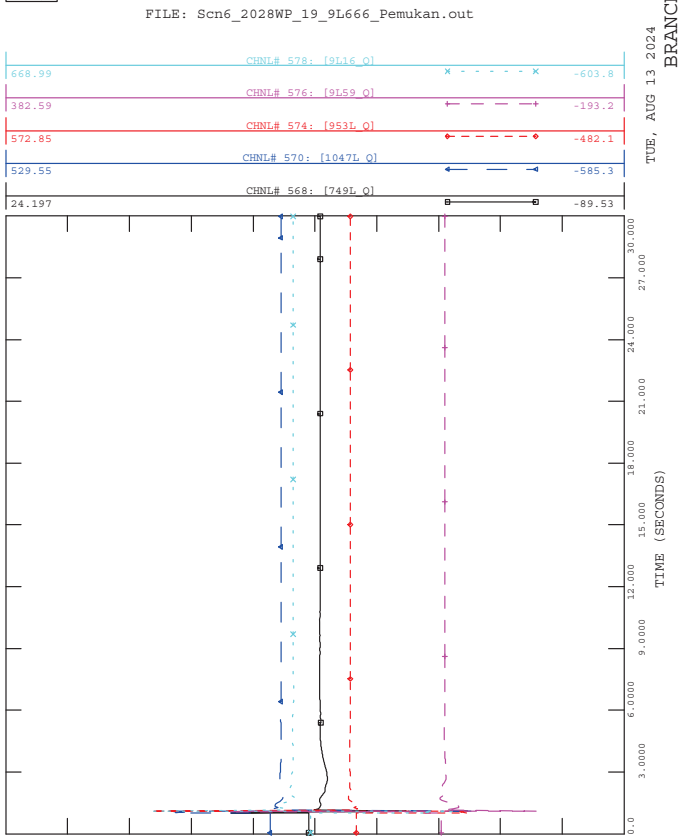
FILE: Scn6_2028WP_19_9L666_Pemukan.out



TUE, AUG 13 2024 7:57 BRANCH Q

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_19_9L666_PEMUKAN

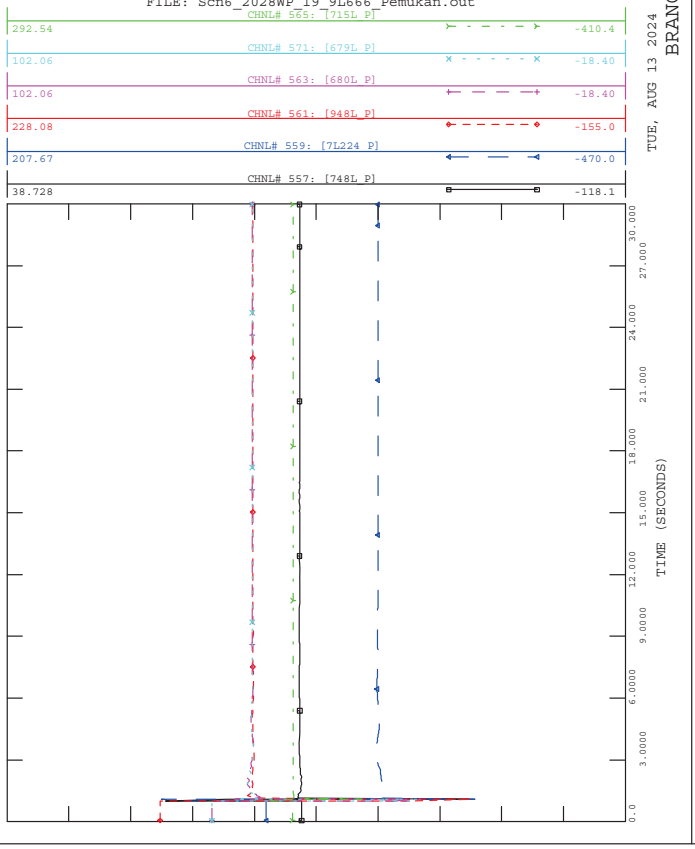
FILE: Scn6_2028WP_19_9L666_Pemukan.out



TUE, AUG 13 2024 7:57 BRANCH Q

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_19_9L666_PEMUKAN

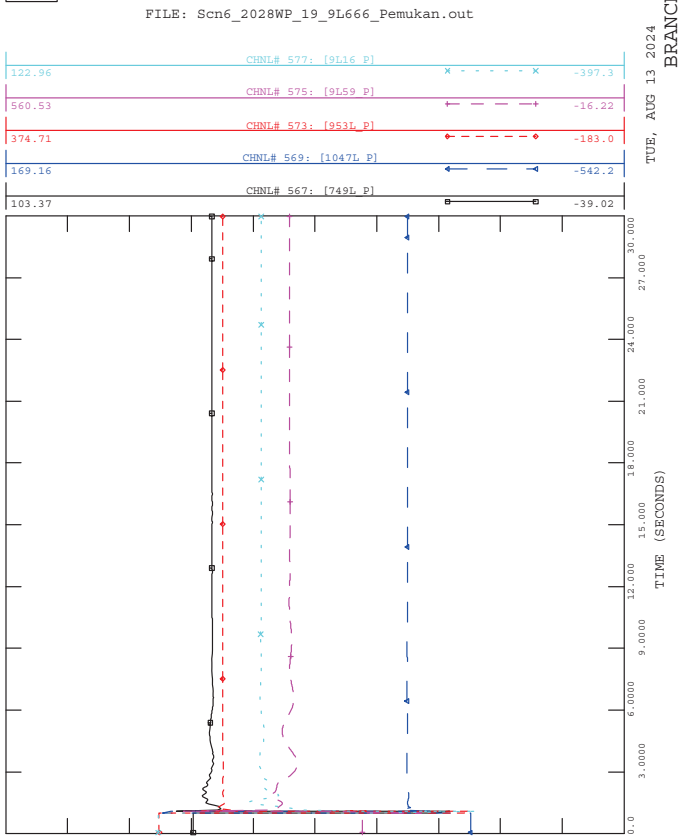
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TUE, AUG 13 2024 7:57 BRANCH P

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_19_9L666_PEMUKAN

FILE: Scn6_2028WP_19_9L666_Pemukan.out



TUE, AUG 13 2024 7:57 BRANCH P

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_20_953L_NILREM

FILE: Scn6_2028WP_20_953L_Nilrem.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWRS63092[EASTERV G2 0.6900]G2]
1.2772 -0.2000

CHNL# 205: [POWRS62092[EASTERV G3 0.6900]G3]
1.2767 -0.2000

CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.1933 -0.5974

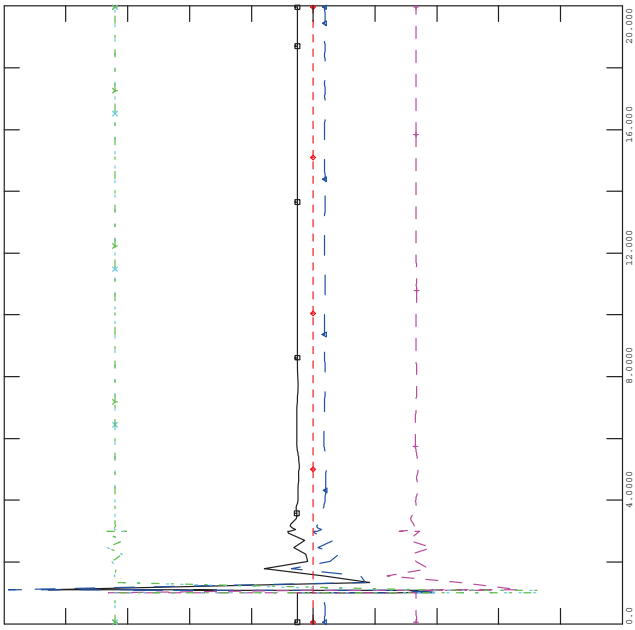
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000 -0.2000

CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
2.0444 0.80200

CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
1.9954 0.74050

0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_20_953L_NILREM

FILE: Scn6_2028WP_20_953L_Nilrem.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.1695 -0.6082

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.3809 -0.6290

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
5.6384 -1.845

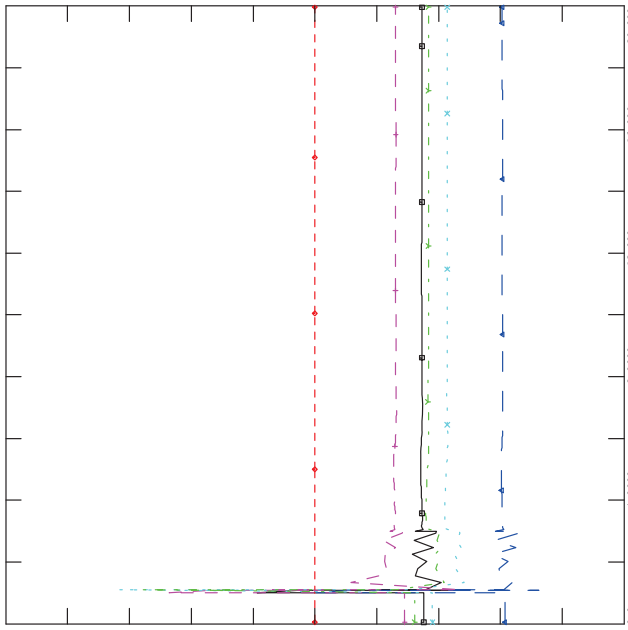
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000 -0.5000

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
4.7845 -1.050

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
5.2016 -1.543

0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_20_953L_NILREM

FILE: Scn6_2028WP_20_953L_Nilrem.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
6.9493 -94.99

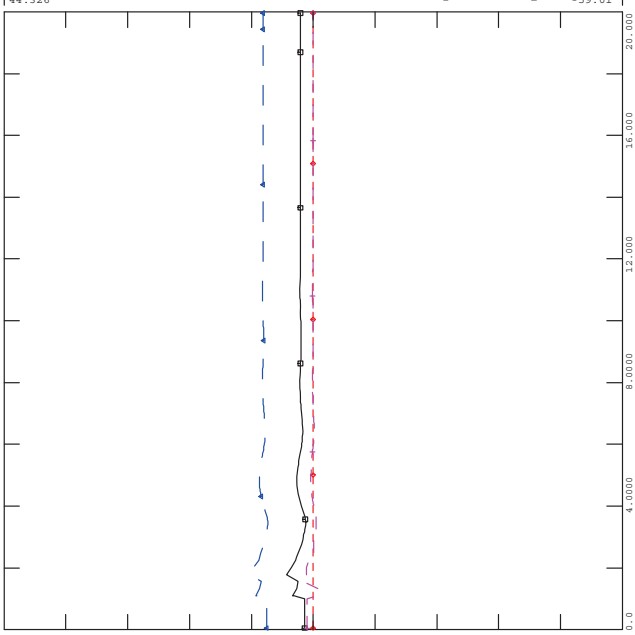
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000 -50.00

CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
47.245 -56.57

CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
44.326 -59.01

0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_20_953L_NILREM

FILE: Scn6_2028WP_20_953L_Nilrem.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

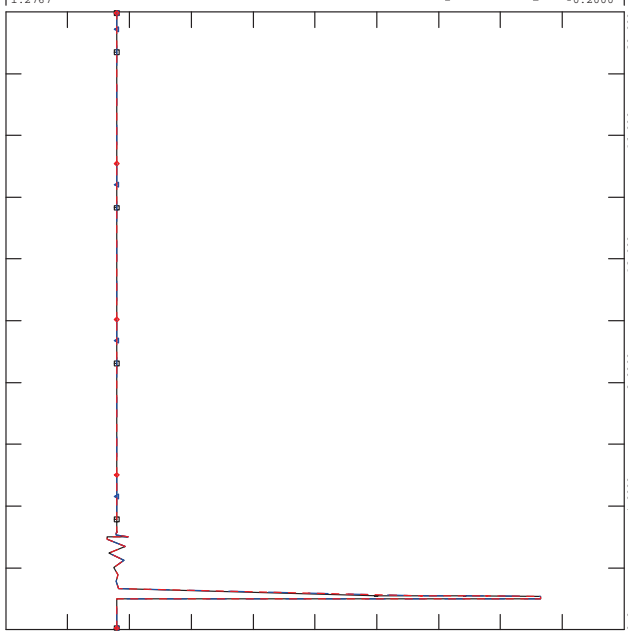
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2772 -0.2000

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2772 -0.2000

CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2767 -0.2000

0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_20_953L_NILREM

FILE: Scn6_2028WP_20_953L_Nilrem.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5573 -0.0012

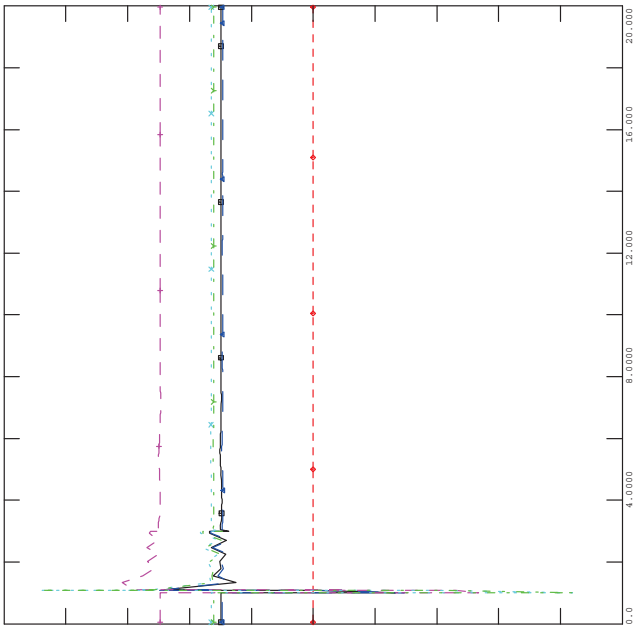
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5424 -0.0013

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1740 0.64320

CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1873 0.68520

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1775 0.69990



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_20_953L_NILREM

FILE: Scn6_2028WP_20_953L_Nilrem.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.5573 0.11220

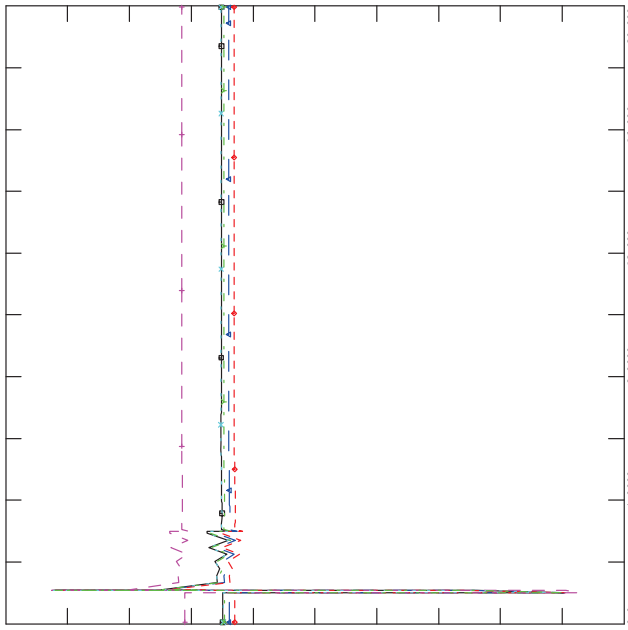
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.6044 0.10230

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4641 -0.0129

CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.6050 0.09750

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.5814 0.10510

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.5567 0.09700



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_20_953L_NILREM

FILE: Scn6_2028WP_20_953L_Nilrem.out

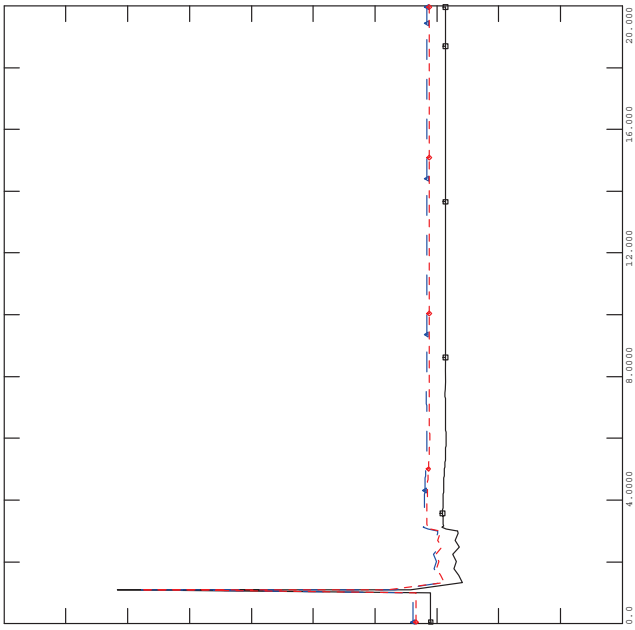
TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.1917 -0.6066

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.1695 -0.6082

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.3809 -0.6290



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_20_953L_NILREM

FILE: Scn6_2028WP_20_953L_Nilrem.out

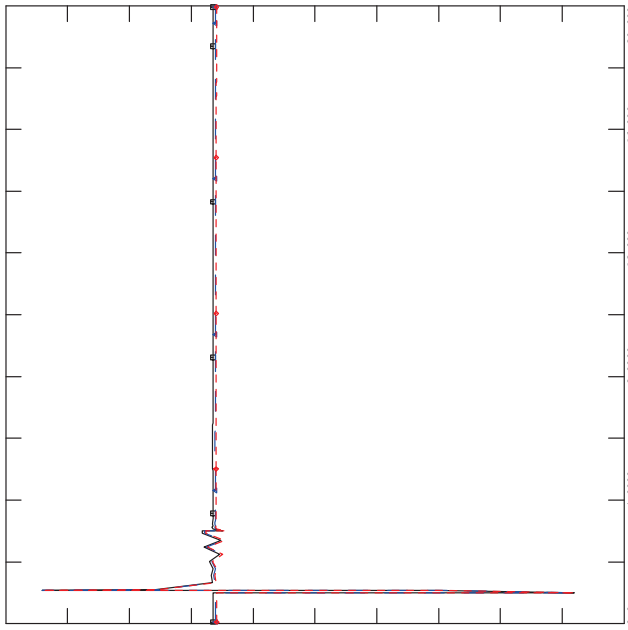
TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.5556 -0.0017

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5573 -0.0012

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5424 -0.0013



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_20_953L_NILREM

FILE: Scn6_2028WP_20_953L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
923.18 -633.6

CHNL# 553: [9L27 P]
907.48 -1269.

CHNL# 551: [9L966 P]
1700.8 -1144.

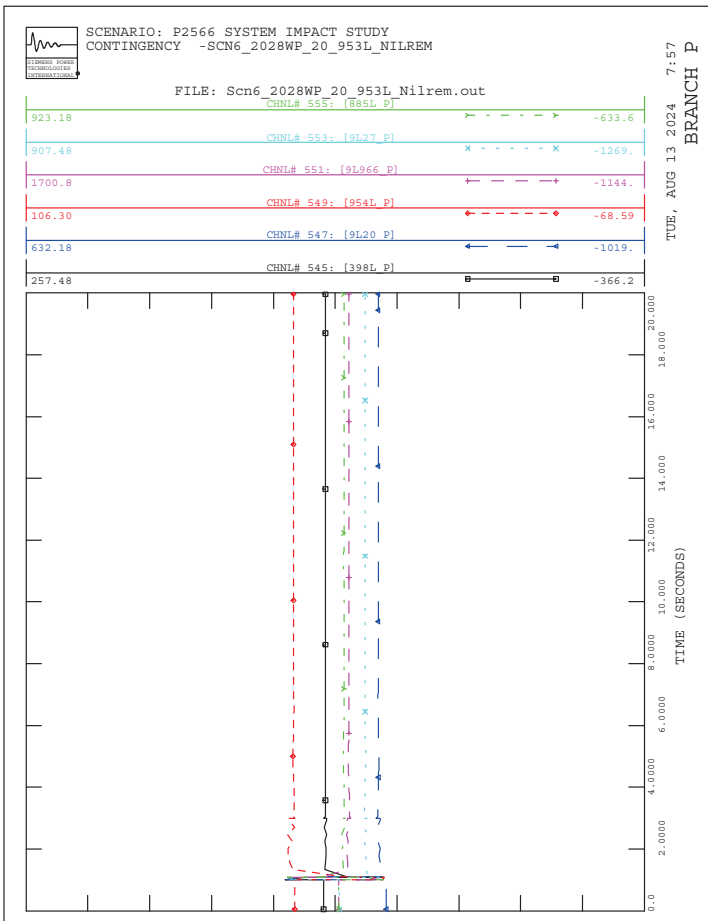
CHNL# 549: [954L P]
106.30 -68.59

CHNL# 547: [9L20 P]
632.18 -1019.

CHNL# 545: [398L P]
257.48 -366.2

0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_20_953L_NILREM

FILE: Scn6_2028WP_20_953L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 565: [715L P]
364.61 -507.8

CHNL# 571: [679L P]
198.54 -66.72

CHNL# 563: [680L P]
198.54 -66.72

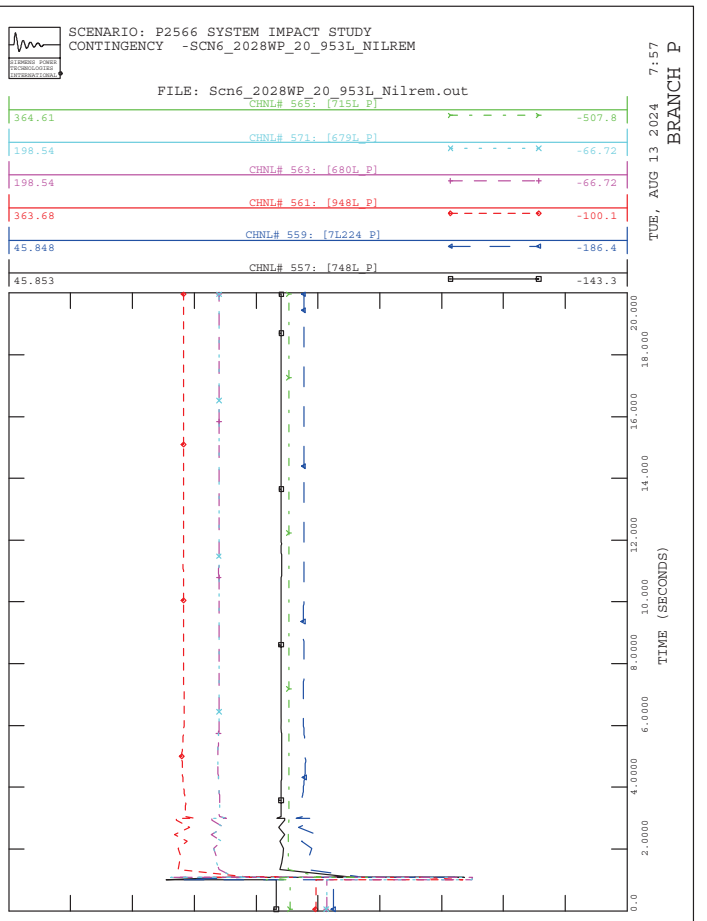
CHNL# 561: [948L P]
363.68 -100.1

CHNL# 559: [7L224 P]
45.848 -186.4

CHNL# 557: [748L P]
45.853 -143.3

0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_20_953L_NILREM

FILE: Scn6_2028WP_20_953L_Nilrem.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.5893 0.00630

CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2192 0.44880

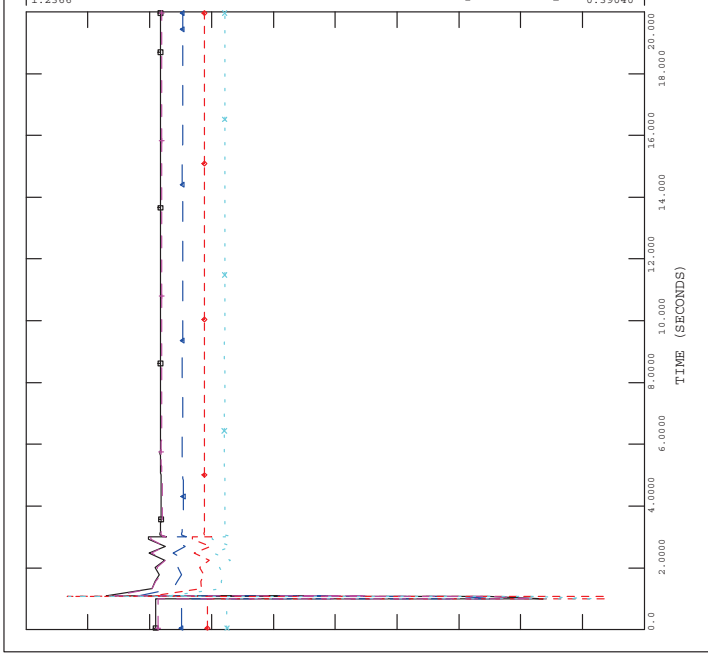
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.5562 -0.0957

CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.1919 0.59810

CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2366 0.39040

0.0 2.0000 4.0000 6.0000 8.0000 10.000 12.000 14.000 16.000 18.000 20.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_20_953L_NILREM

FILE: Scn6_2028WP_20_953L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L Q]
381.62 -294.5

CHNL# 554: [9L27 Q]
1625.0 -1863.

CHNL# 552: [9L966 Q]
1011.3 -959.9

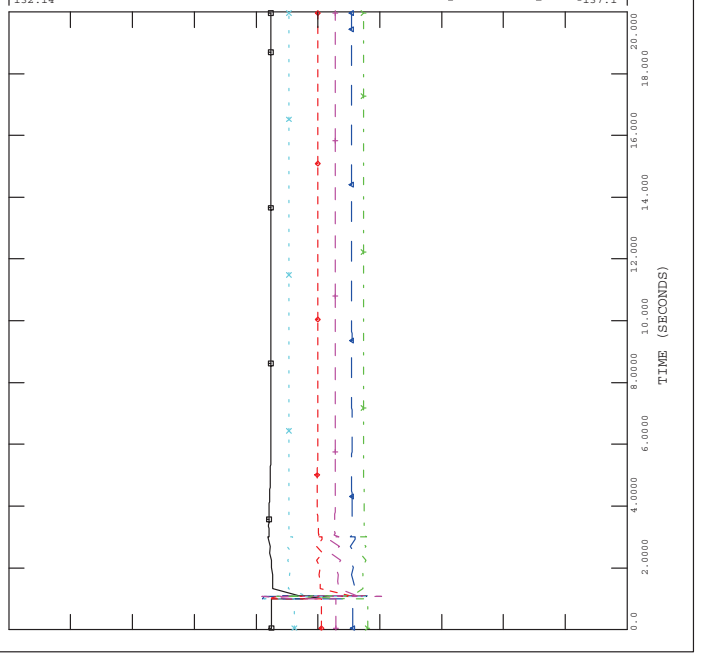
CHNL# 550: [954L Q]
161.86 -230.0

CHNL# 548: [9L20 Q]
951.18 -672.7

CHNL# 546: [398L Q]
132.14 -137.1

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TIME (SECONDS)

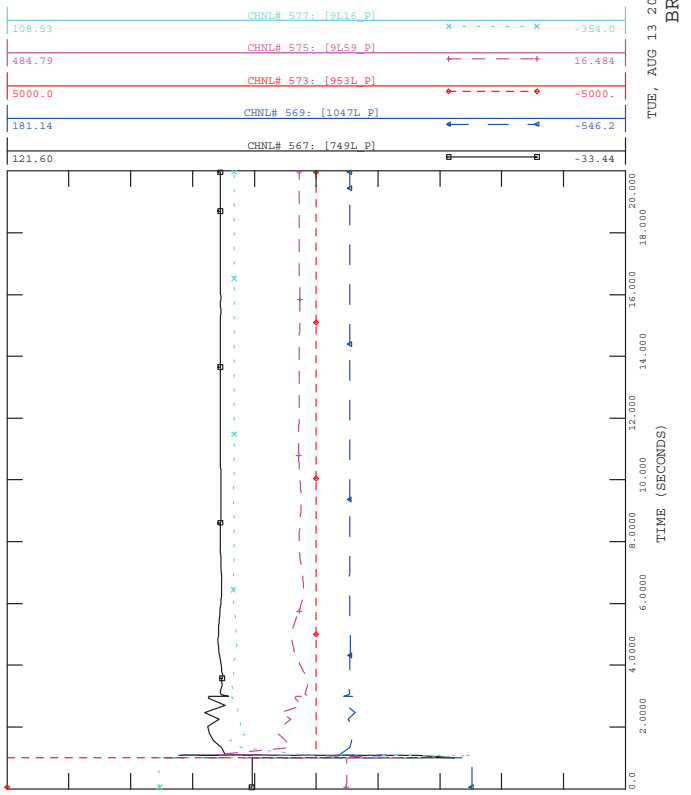


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_20_953L_NILREM

FILE: Scn6_2028WP_20_953L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH P

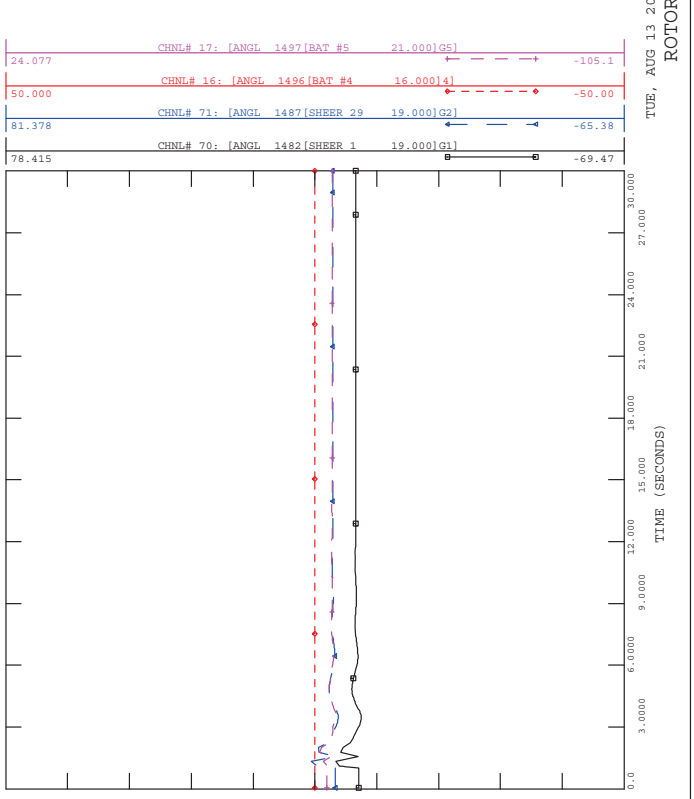


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_21_953L_CORDEL

FILE: Scn6_2028WP_21_953L_Cordel.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

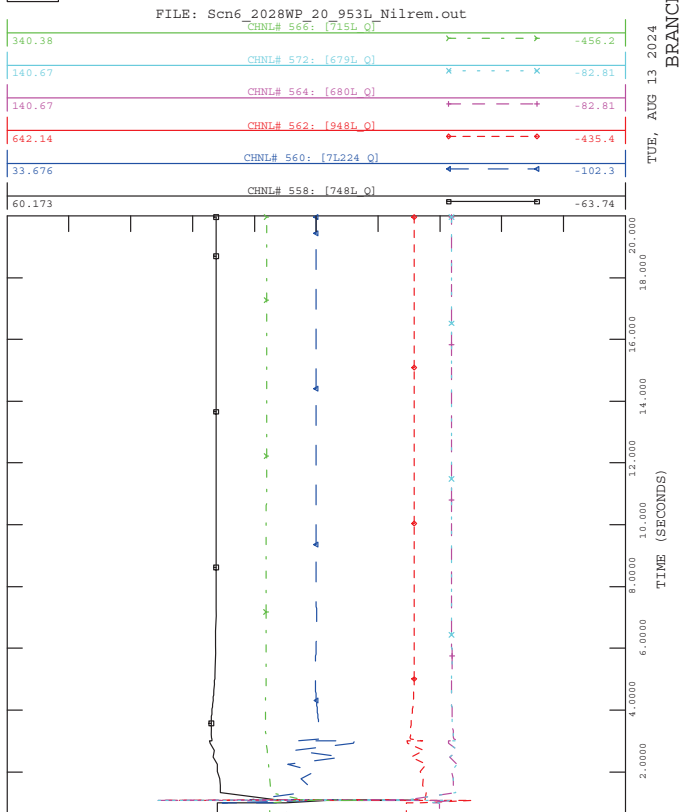


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_20_953L_NILREM

FILE: Scn6_2028WP_20_953L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH Q

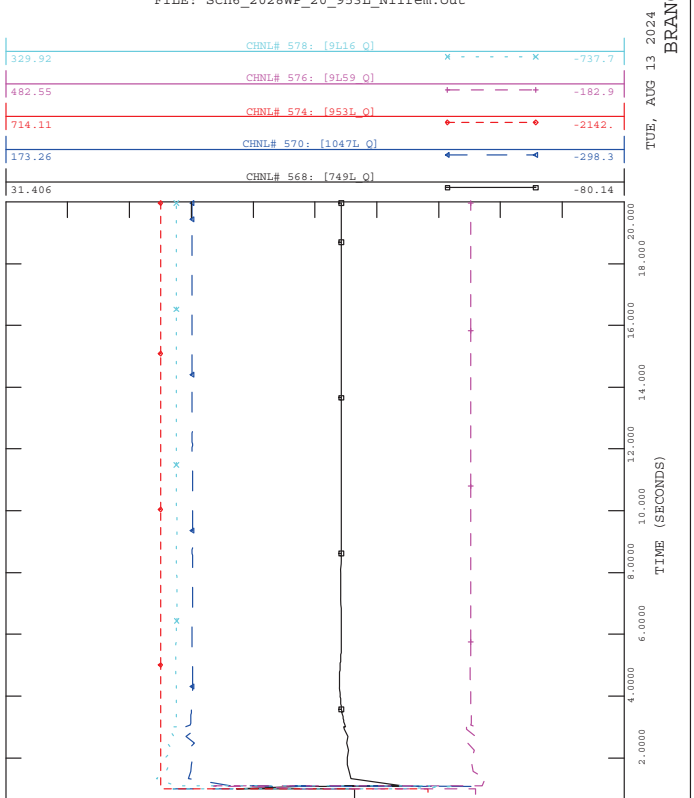


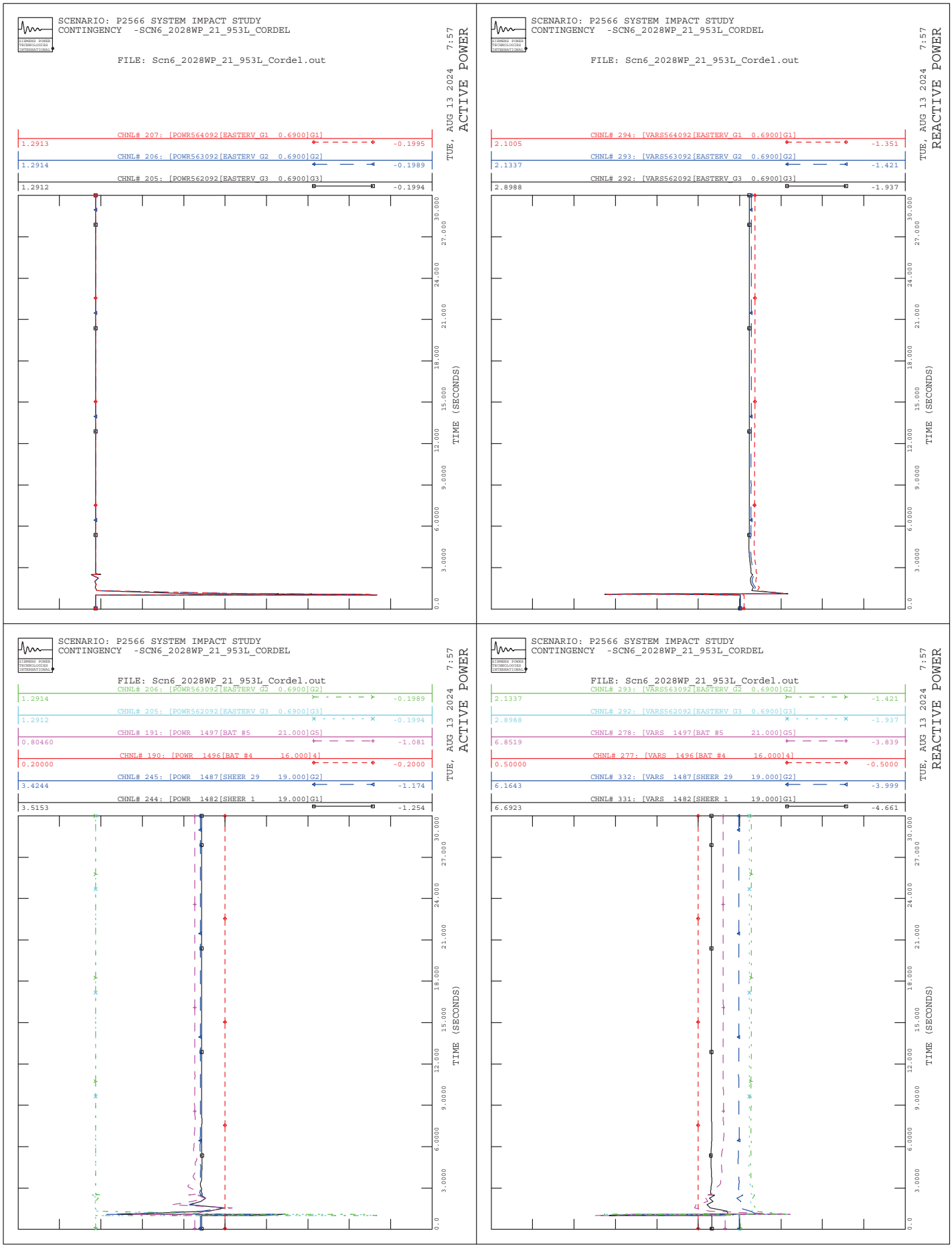
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_20_953L_NILREM

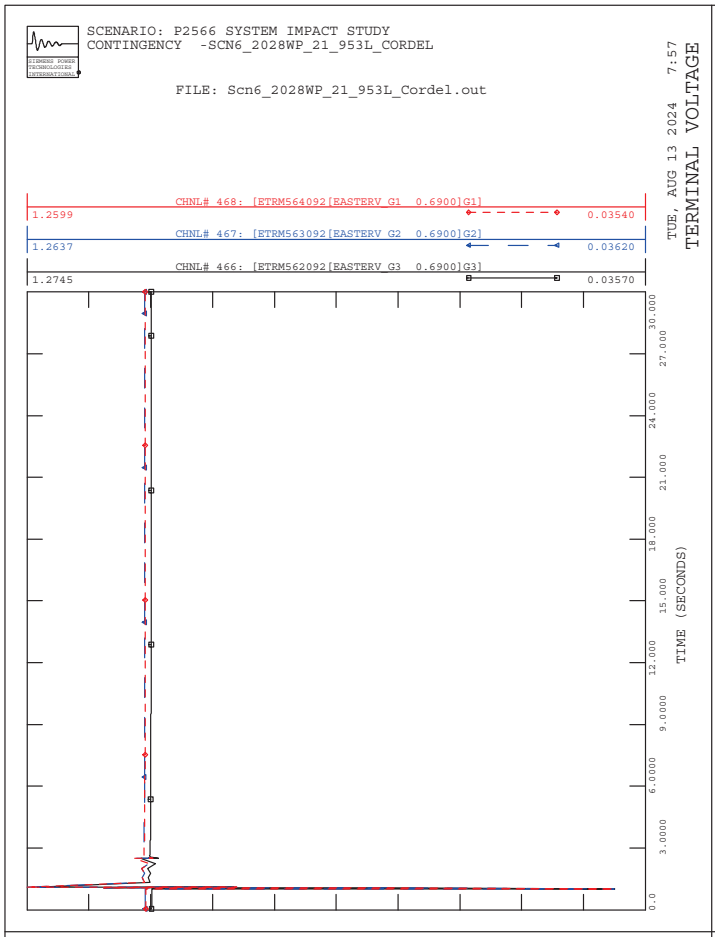
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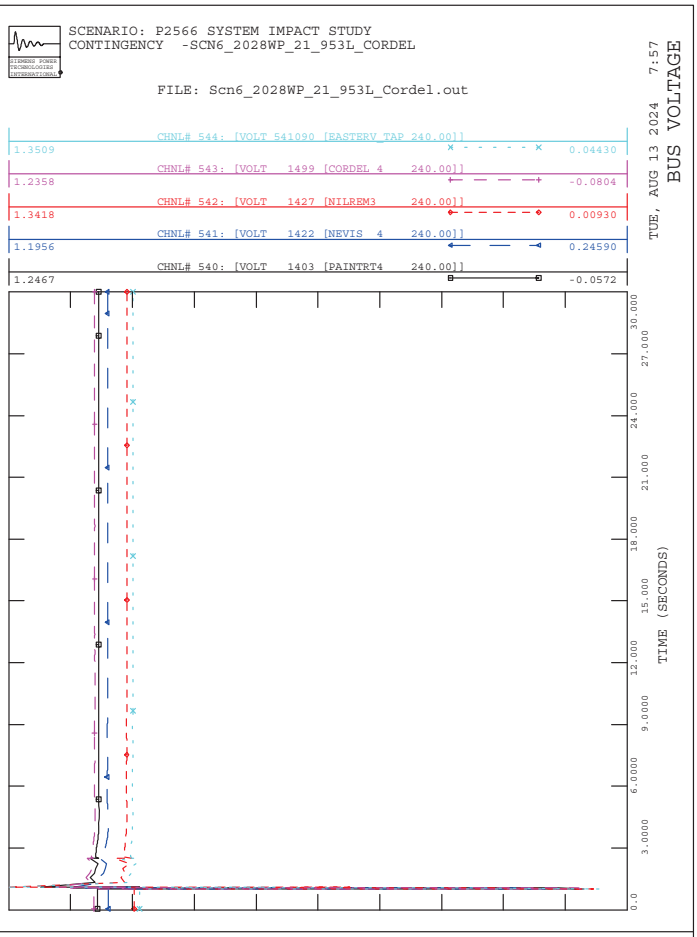
TUE, AUG 13 2024 7:57

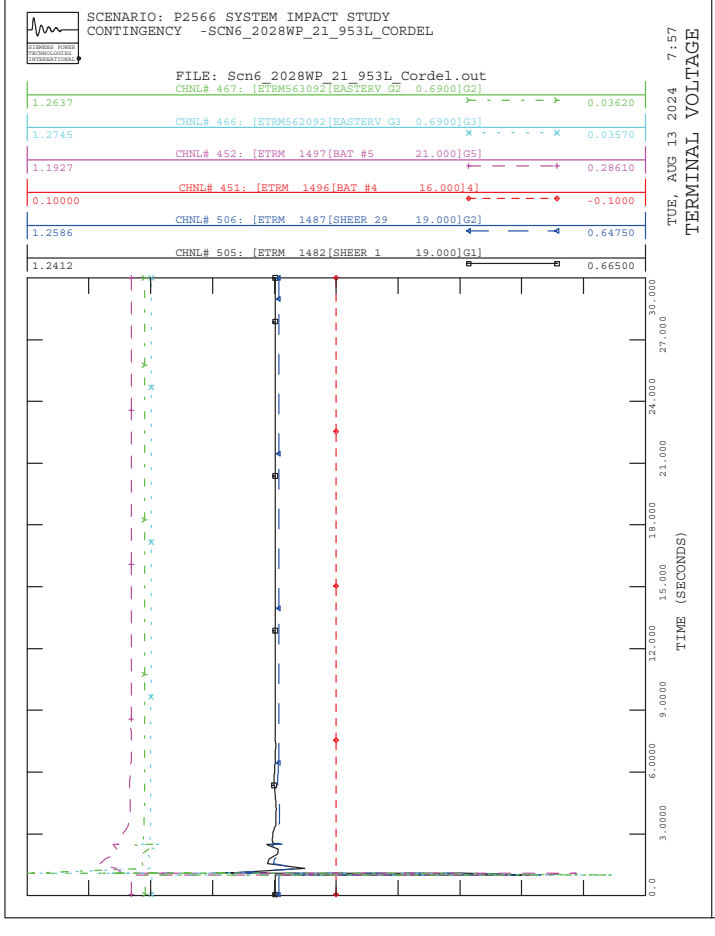
BRANCH Q

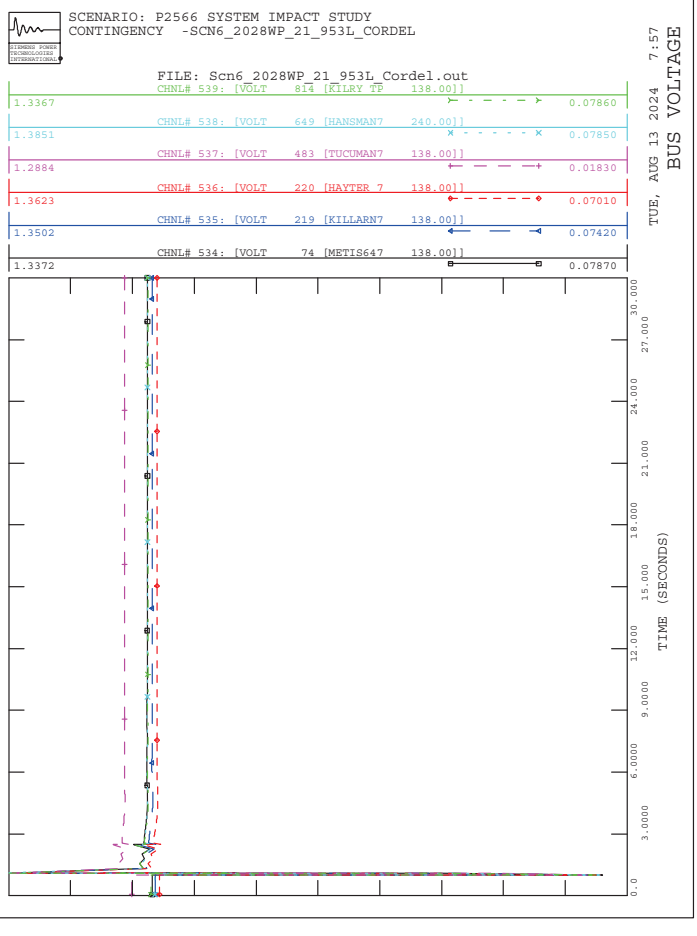


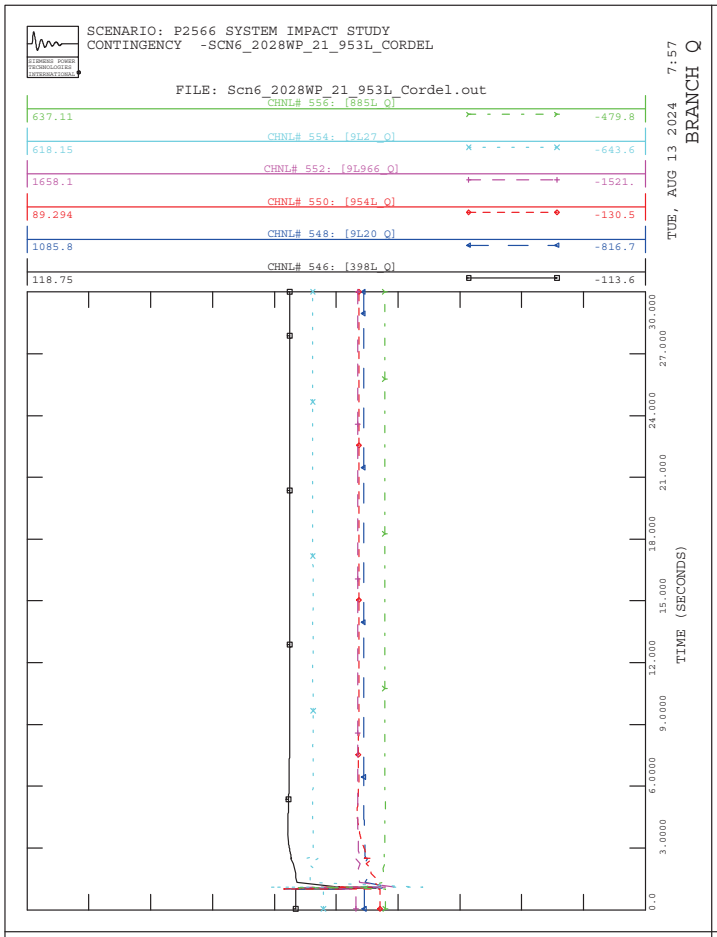

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_21_953L_CORDEL
FILE: Scn6_2028WP_21_953L_Cordel.out
TUE, AUG 13 2024 7:57
ACTIVE POWER
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2913
-0.1995
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2914
-0.1989
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2912
-0.1994
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_21_953L_CORDEL
FILE: Scn6_2028WP_21_953L_Cordel.out
TUE, AUG 13 2024 7:57
REACTIVE POWER
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
2.1005
-1.351
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
2.1337
-1.421
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
2.8988
-1.937
TIME (SECONDS)
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_21_953L_CORDEL
FILE: Scn6_2028WP_21_953L_Cordel.out
TUE, AUG 13 2024 7:57
ACTIVE POWER
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2914
-0.1989
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2912
-0.1994
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
0.80460
-1.081
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000
-0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
3.4244
-1.174
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
3.5153
-1.254
TIME (SECONDS)
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_21_953L_CORDEL
FILE: Scn6_2028WP_21_953L_Cordel.out
TUE, AUG 13 2024 7:57
REACTIVE POWER
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
2.1337
-1.421
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
2.8988
-1.937
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
6.8519
-3.839
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000
-0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
6.1643
-3.999
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
6.6923
-4.661
TIME (SECONDS)

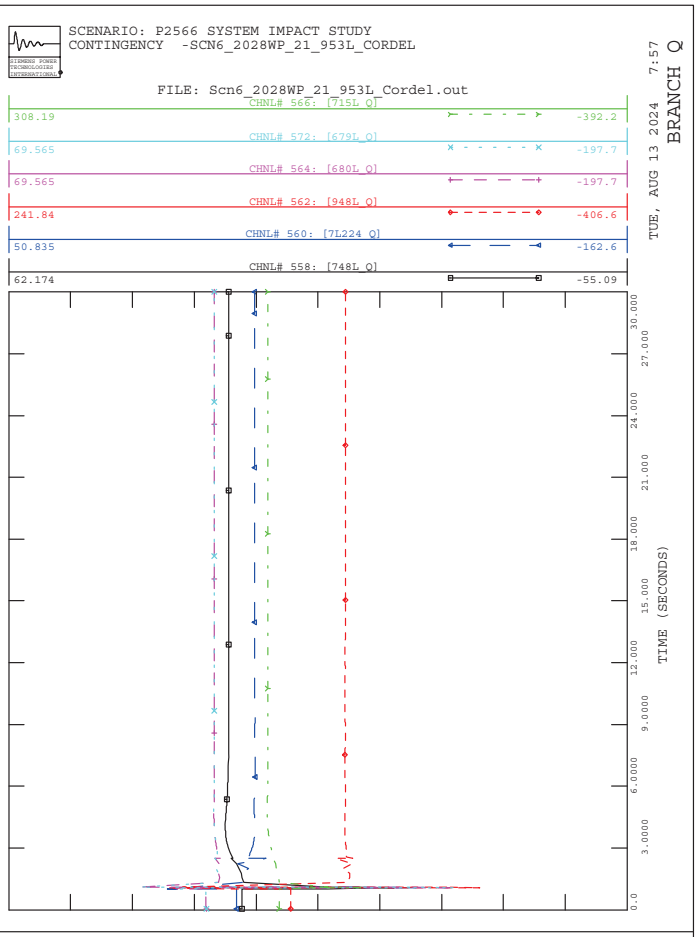

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_21_953L_CORDEL
FILE: Scn6_2028WP_21_953L_Cordel.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.2599
0.03540
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.2637
0.03620
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.2745
0.03570
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

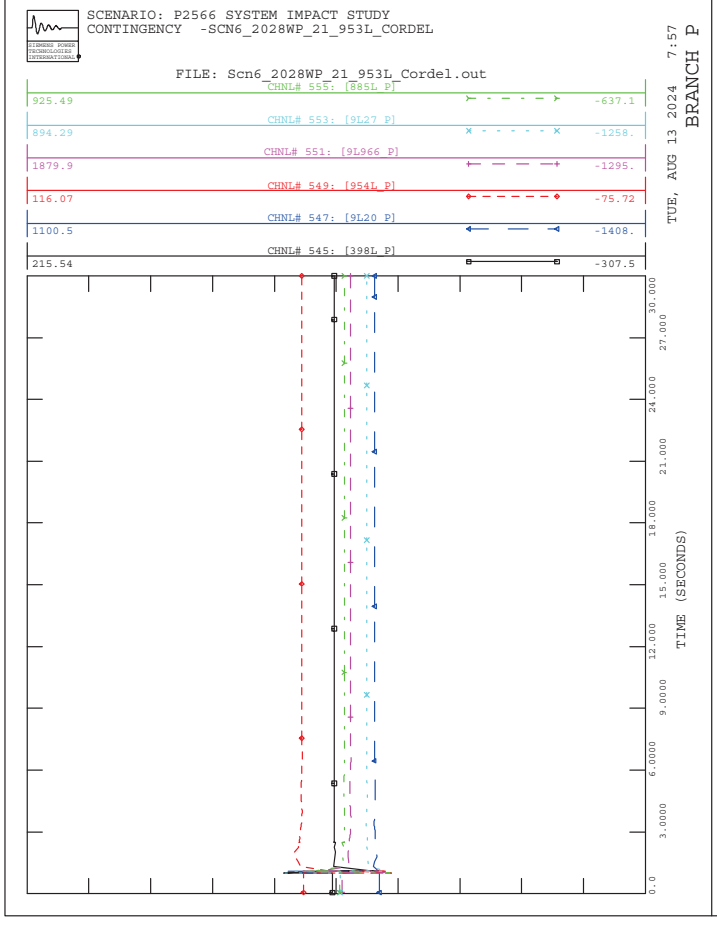

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_21_953L_CORDEL
FILE: Scn6_2028WP_21_953L_Cordel.out
TUE, AUG 13 2024 7:57
BUS VOLTAGE
CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.3509
0.04430
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2358
-0.0804
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3418
0.00930
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.1956
0.24590
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2467
-0.0572
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

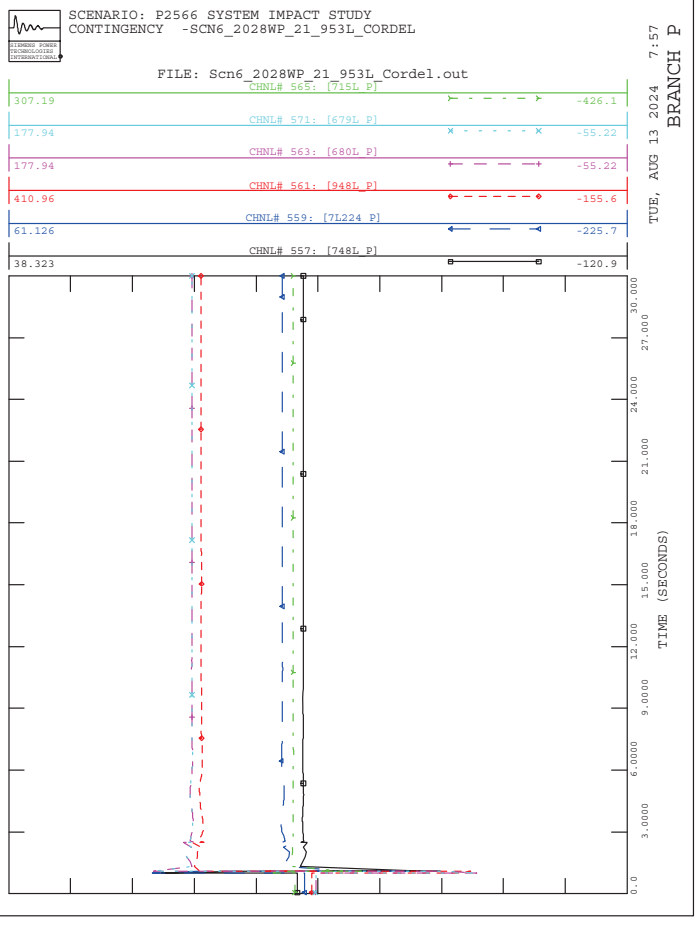

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_21_953L_CORDEL
FILE: Scn6_2028WP_21_953L_Cordel.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.2637
0.03620
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.2745
0.03570
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1927
0.28610
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000
-0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2586
0.64750
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.2412
0.66500
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_21_953L_CORDEL
FILE: Scn6_2028WP_21_953L_Cordel.out
TUE, AUG 13 2024 7:57
BUS VOLTAGE
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.3367
0.07860
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.3851
0.07850
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.2884
0.01830
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.3623
0.07010
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.3502
0.07420
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.3372
0.07870
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_21_953L_CORDEL
FILE: Scn6_2028WP_21_953L_Cordel.out
CHNL# 556: [885L Q]
637.11
-479.8
CHNL# 554: [9L27 Q]
618.15
-643.6
CHNL# 552: [9L966 Q]
1658.1
-1521.
CHNL# 550: [954L Q]
89.294
-130.5
CHNL# 548: [9L20 Q]
1085.8
-816.7
CHNL# 546: [398L Q]
118.75
-113.6
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_21_953L_CORDEL
FILE: Scn6_2028WP_21_953L_Cordel.out
CHNL# 566: [715L Q]
308.19
-392.2
CHNL# 572: [679L Q]
69.565
-197.7
CHNL# 564: [680L Q]
69.565
-197.7
CHNL# 562: [948L Q]
241.84
-406.6
CHNL# 560: [7L224 Q]
50.835
-162.6
CHNL# 558: [748L Q]
62.174
-55.09
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_21_953L_CORDEL
FILE: Scn6_2028WP_21_953L_Cordel.out
CHNL# 555: [885L P]
925.49
-637.1
CHNL# 553: [9L27 P]
894.29
-1258.
CHNL# 551: [9L966 P]
1879.9
-1295.
CHNL# 549: [954L P]
116.07
-75.72
CHNL# 547: [9L20 P]
1100.5
-1408.
CHNL# 545: [398L P]
215.54
-307.5
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_21_953L_CORDEL
FILE: Scn6_2028WP_21_953L_Cordel.out
CHNL# 565: [715L P]
307.19
-426.1
CHNL# 571: [679L P]
177.94
-55.22
CHNL# 563: [680L P]
177.94
-55.22
CHNL# 561: [948L P]
410.96
-155.6
CHNL# 559: [7L224 P]
61.126
-225.7
CHNL# 557: [748L P]
38.323
-120.9
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

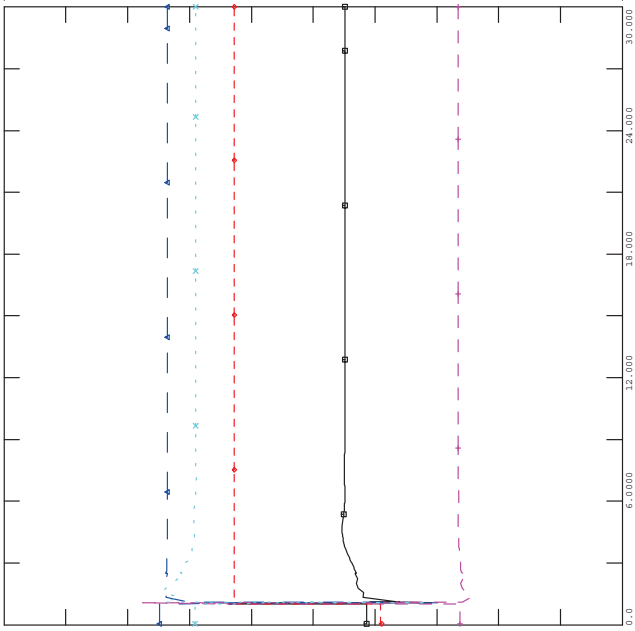
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_21_953L_CORDEL

FILE: Scn6_2028WP_21_953L_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16_Q] 311.63 -563.4
CHNL# 576: [9L59_Q] 732.29 -291.6
CHNL# 574: [953L_Q] 40.000 -67.34
CHNL# 570: [1047L_Q] 509.53 -1307.
CHNL# 568: [749L_Q] 42.423 -83.68



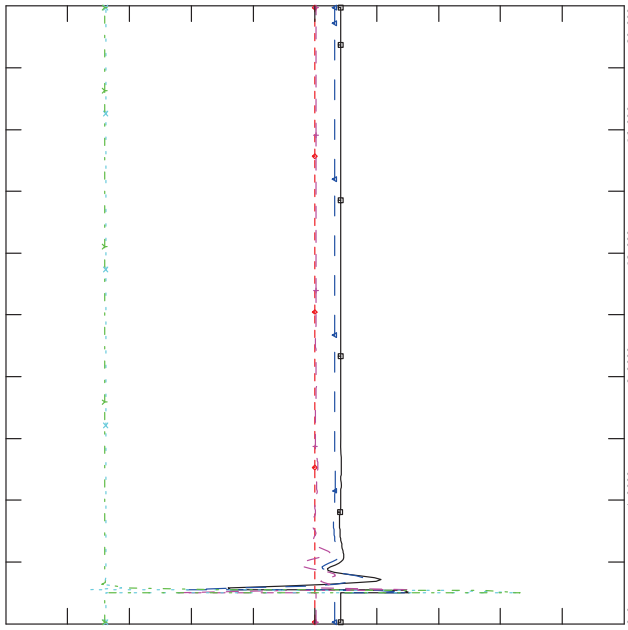
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_22_9L27_PAINTEARTH

FILE: Scn6_2028WP_22_9L27_Paintearth.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2] 1.2273 -0.1158
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3] 1.2294 -0.1168
CHNL# 191: [POWR 1497[BAT #5 21.000]G5] 1.1694 -1.163
CHNL# 190: [POWR 1496[BAT #4 16.000]4] 0.20000 -0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2] 3.3480 -0.3127
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1] 3.5117 -0.3870



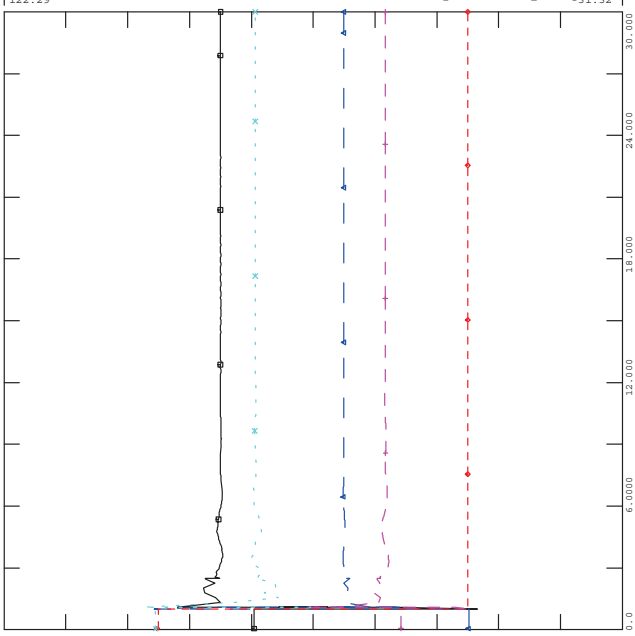
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_21_953L_CORDEL

FILE: Scn6_2028WP_21_953L_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P] 78.875 -265.1
CHNL# 575: [9L59_P] 1149.5 -286.6
CHNL# 573: [953L_P] 358.09 -119.4
CHNL# 569: [1047L_P] 164.89 -540.8
CHNL# 567: [749L_P] 122.29 -31.32



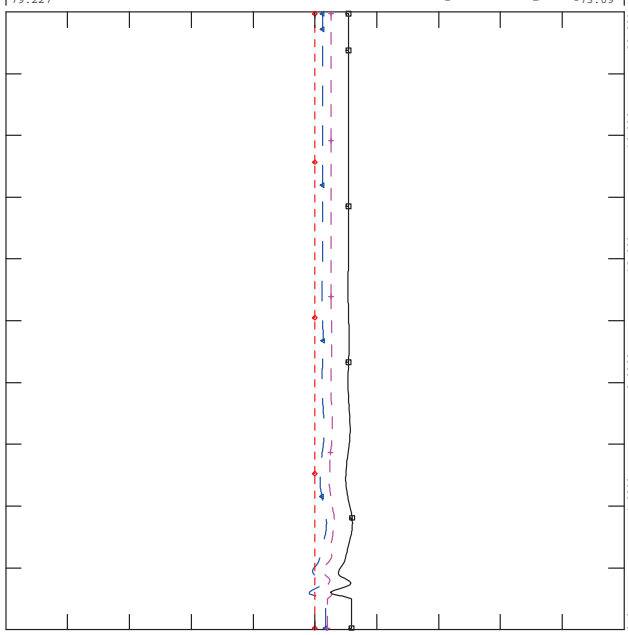
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_22_9L27_PAINTEARTH

FILE: Scn6_2028WP_22_9L27_Paintearth.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5] 24.710 -105.6
CHNL# 16: [ANGL 1496[BAT #4 16.000]4] 50.000 -50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2] 81.393 -69.90
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1] 79.227 -73.09



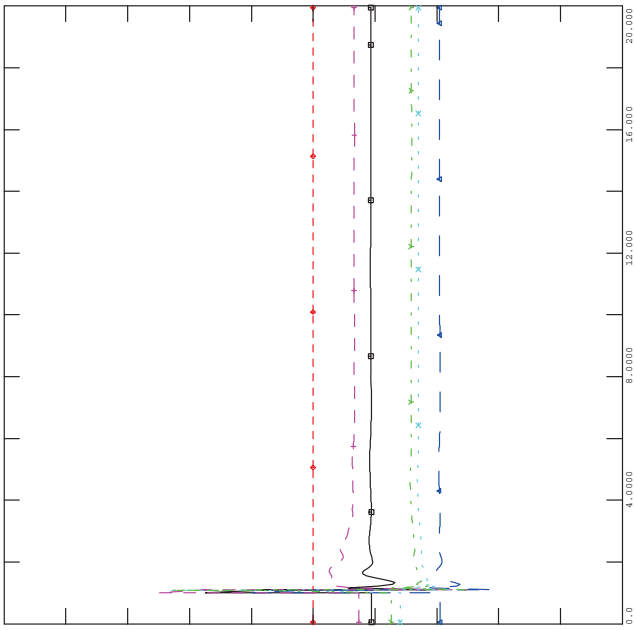
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_22_9L27_PAINTEARTH

FILE: Scn6_2028WP_22_9L27_Paintearth.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.4161 -0.8541
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.9063 -1.080
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
6.8449 -3.680
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000 -0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
4.7853 -1.889
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
5.1718 -2.455



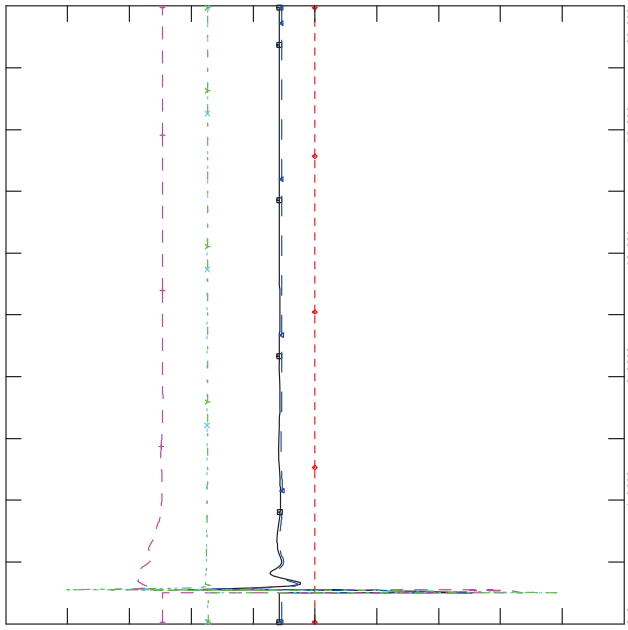
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_22_9L27_PAINTEARTH

FILE: Scn6_2028WP_22_9L27_Paintearth.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4338 0.19620
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4275 0.19550
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2074 0.54650
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2423 0.72140
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.2291 0.73410



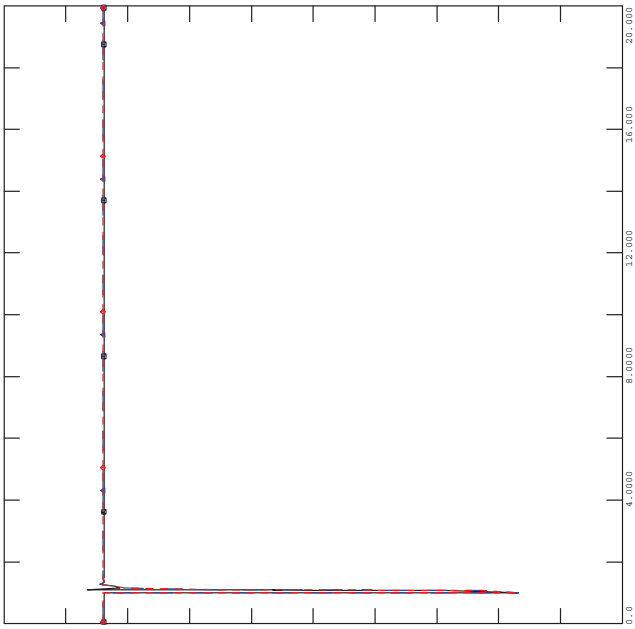
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_22_9L27_PAINTEARTH

FILE: Scn6_2028WP_22_9L27_Paintearth.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2274 -0.1173
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2273 -0.1158
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2294 -0.1168



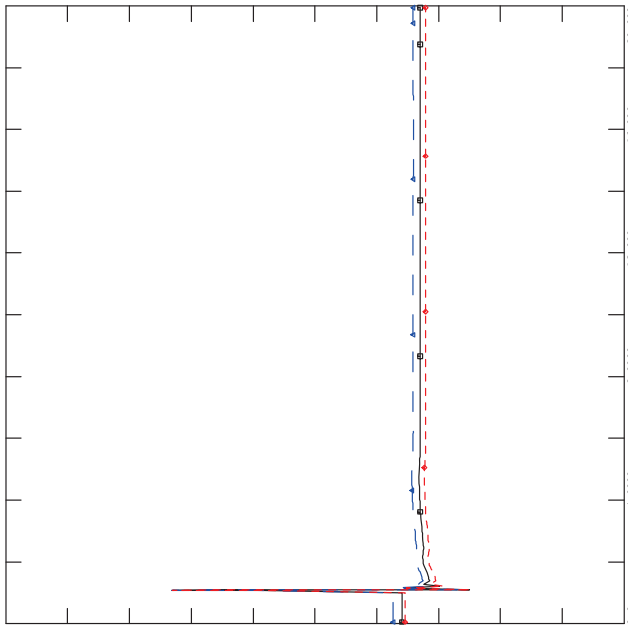
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_22_9L27_PAINTEARTH

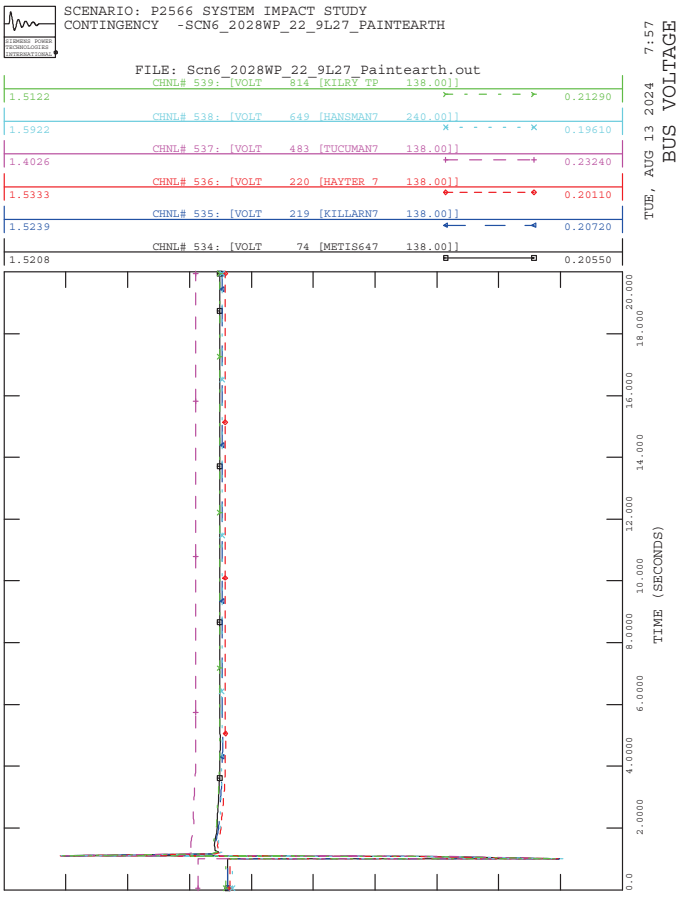
FILE: Scn6_2028WP_22_9L27_Paintearth.out

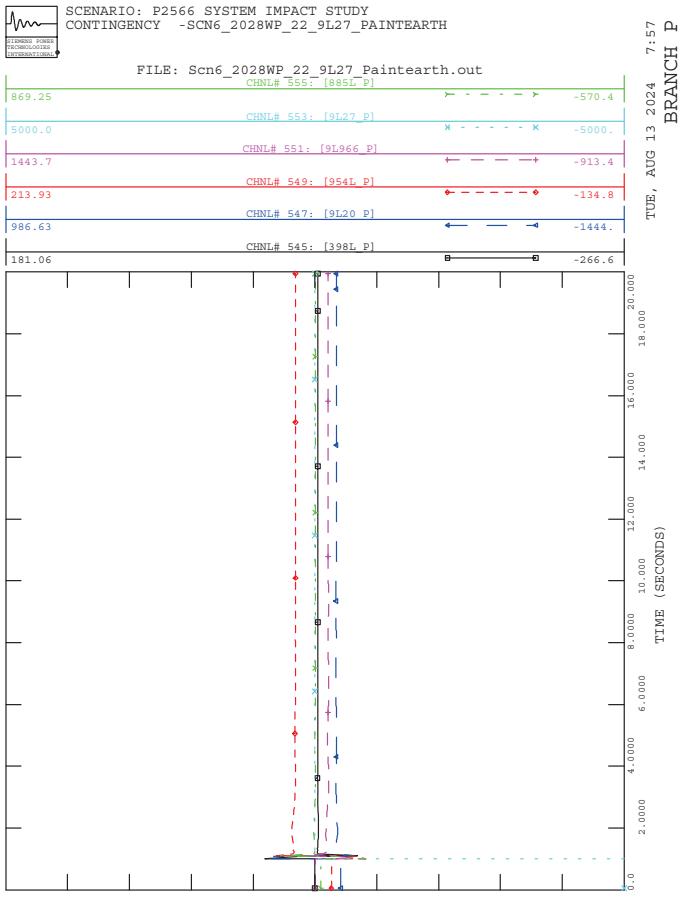
TUE, AUG 13 2024 7:57

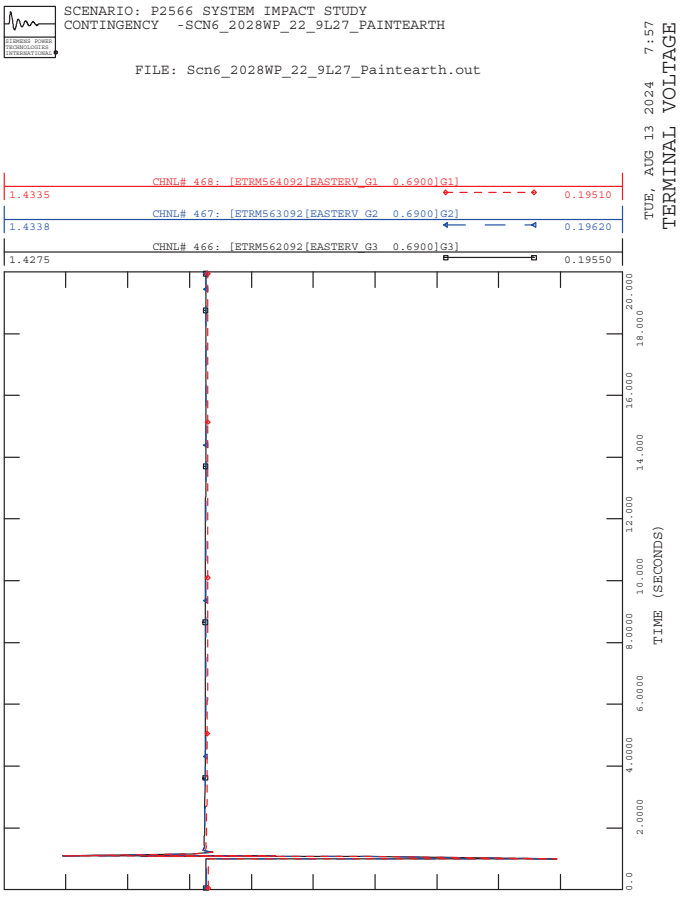
REACTIVE POWER

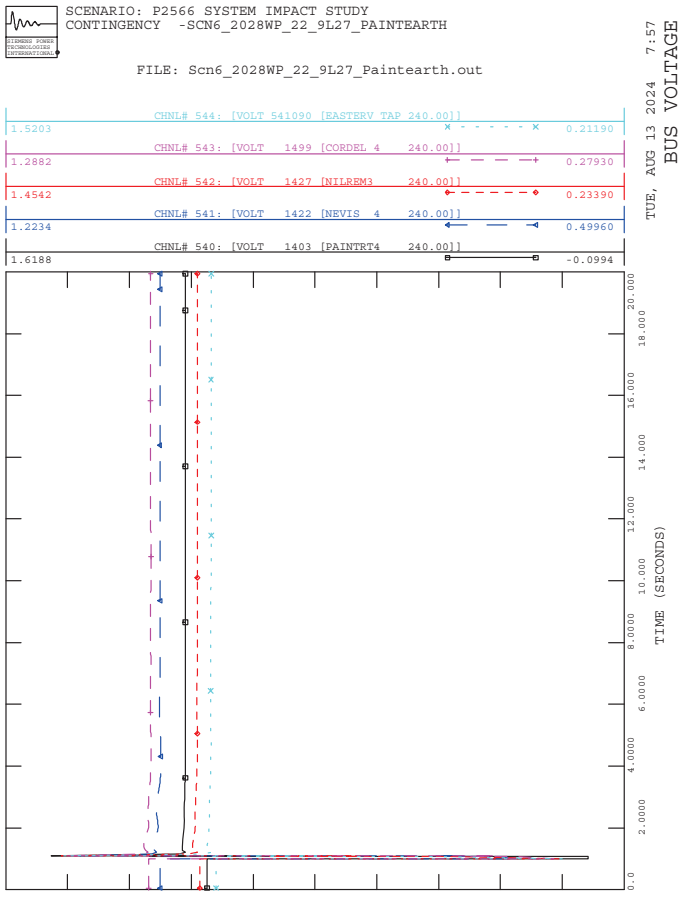
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.3819 -0.7686
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.4161 -0.8541
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.9063 -1.080




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_22_9L27_PAINTEARTH
FILE: Scn6_2028WP_22_9L27_Paintearth.out
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.5122
0.21290
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5922
0.19610
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4026
0.23240
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.5333
0.20110
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.5239
0.20720
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.5208
0.20550
BUS VOLTAGE
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

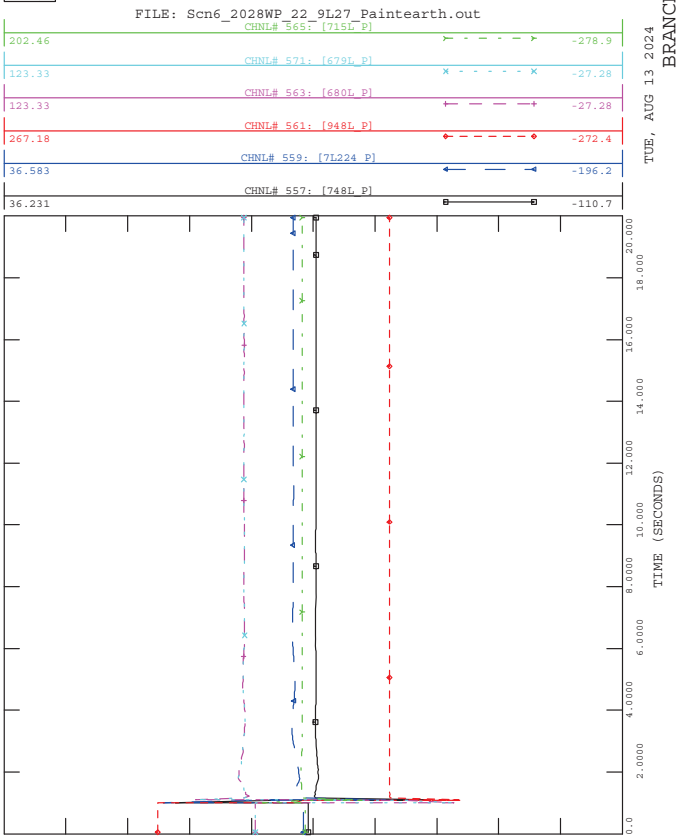

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_22_9L27_PAINTEARTH
FILE: Scn6_2028WP_22_9L27_Paintearth.out
CHNL# 555: [885L P]
869.25
-570.4
CHNL# 553: [9L27 P]
5000.0
-5000.
CHNL# 551: [9L966 P]
1443.7
-913.4
CHNL# 549: [954L P]
213.93
-134.8
CHNL# 547: [9L20 P]
986.63
-1444.
CHNL# 545: [398L P]
181.06
-266.6
BRANCH P
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_22_9L27_PAINTEARTH
FILE: Scn6_2028WP_22_9L27_Paintearth.out
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.4335
0.19510
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4338
0.19620
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4275
0.19550
TERMINAL VOLTAGE
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_22_9L27_PAINTEARTH
FILE: Scn6_2028WP_22_9L27_Paintearth.out
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.5203
0.21190
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2882
0.27930
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4542
0.23390
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2234
0.49960
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.6188
-0.0994
BUS VOLTAGE
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_22_9L27_PAINTEARTH

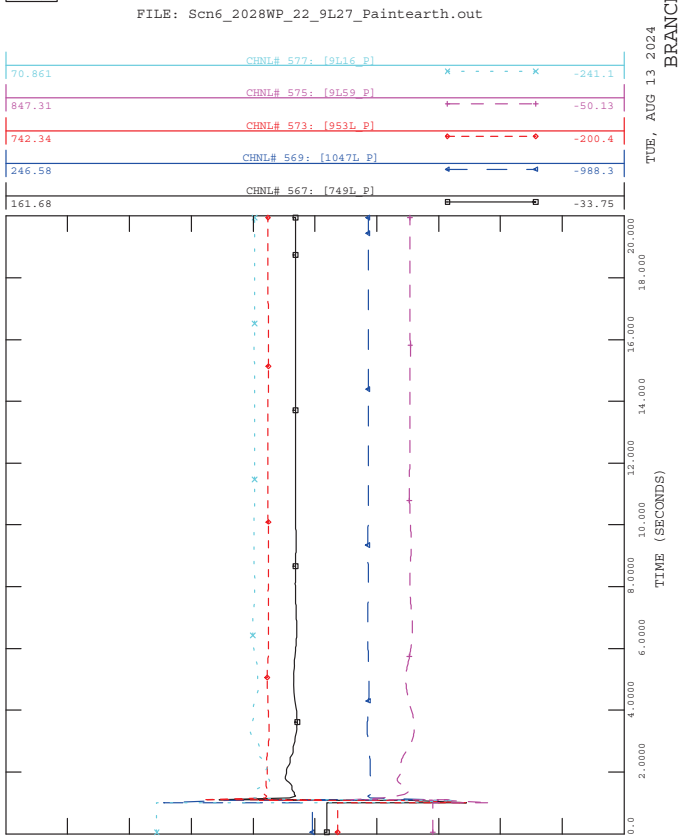
FILE: Scn6_2028WP_22_9L27_Paintearth.out



TUE, AUG 13 2024 7:57 BRANCH P

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_22_9L27_PAINTEARTH

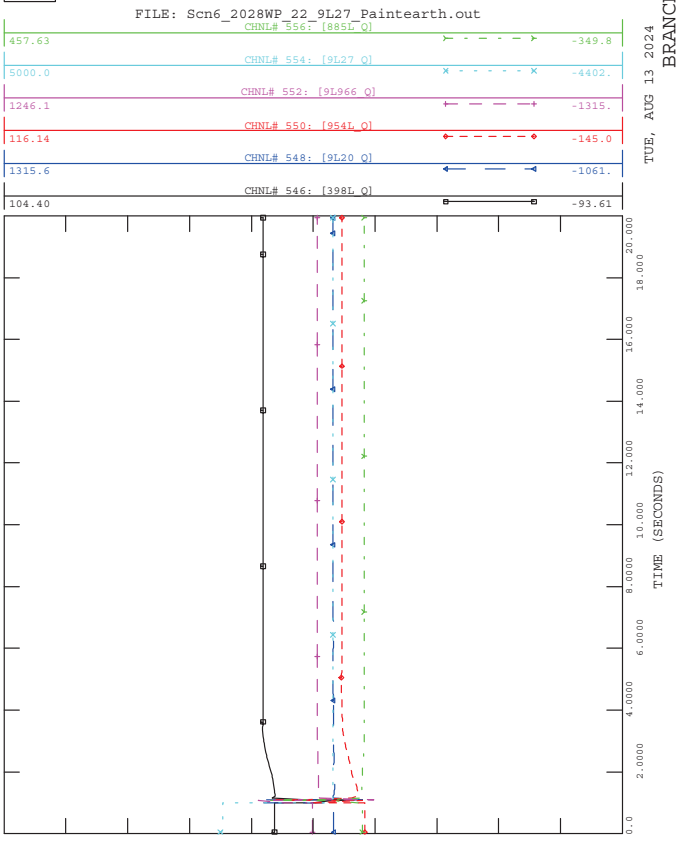
FILE: Scn6_2028WP_22_9L27_Paintearth.out



TUE, AUG 13 2024 7:57 BRANCH P

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_22_9L27_PAINTEARTH

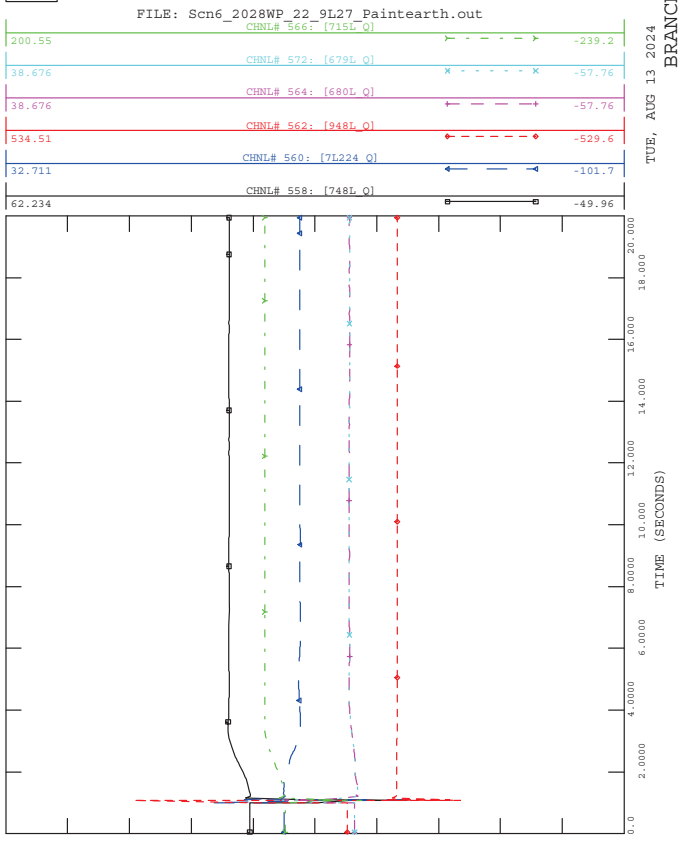
FILE: Scn6_2028WP_22_9L27_Paintearth.out



TUE, AUG 13 2024 7:57 BRANCH Q

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_22_9L27_PAINTEARTH

FILE: Scn6_2028WP_22_9L27_Paintearth.out



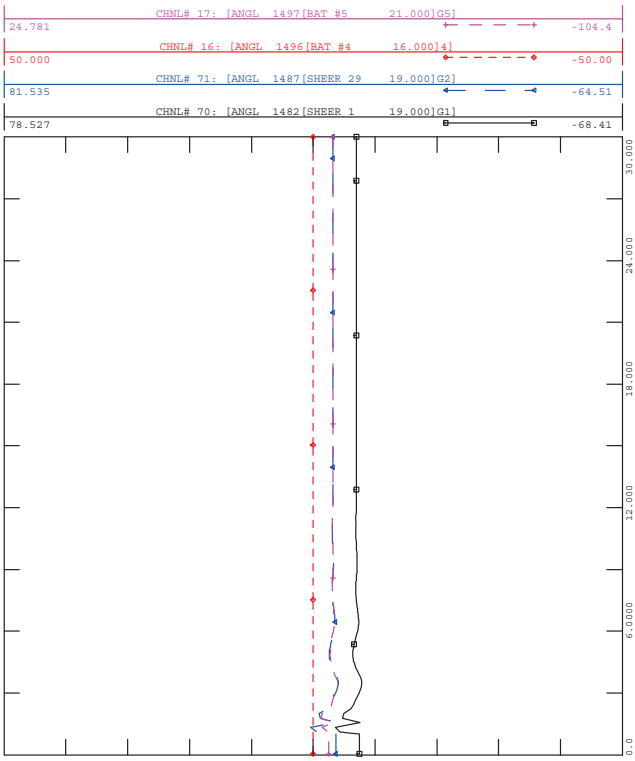
TUE, AUG 13 2024 7:57 BRANCH Q

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_23_9L27_CORDEL

FILE: Scn6_2028WP_23_9L27_Cordel.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

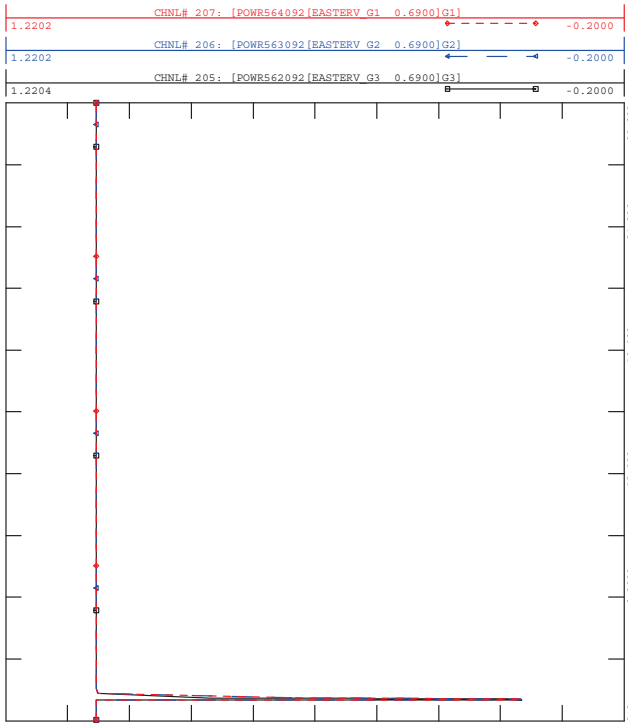


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_23_9L27_CORDEL

FILE: Scn6_2028WP_23_9L27_Cordel.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

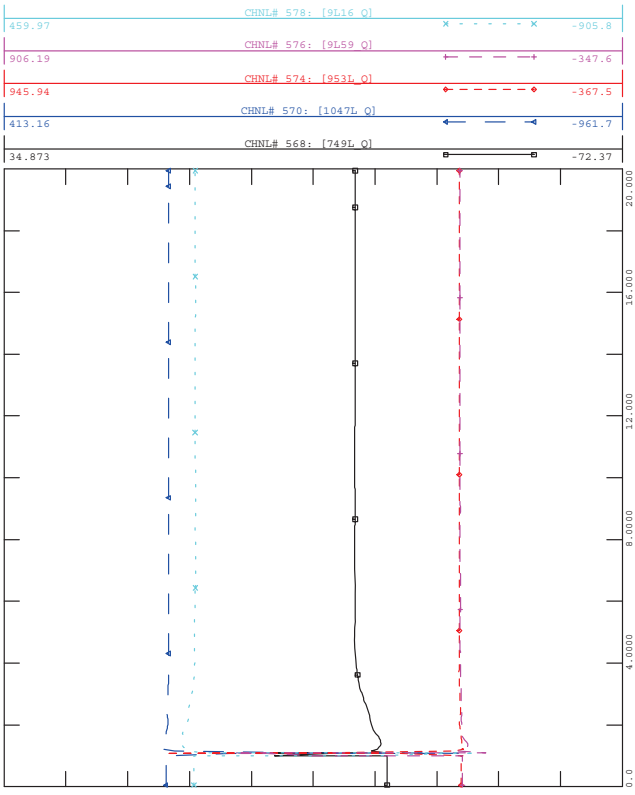


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_22_9L27_PAINTEARTH

FILE: Scn6_2028WP_22_9L27_Paintearth.out

TUE, AUG 13 2024 7:57

BRANCH Q

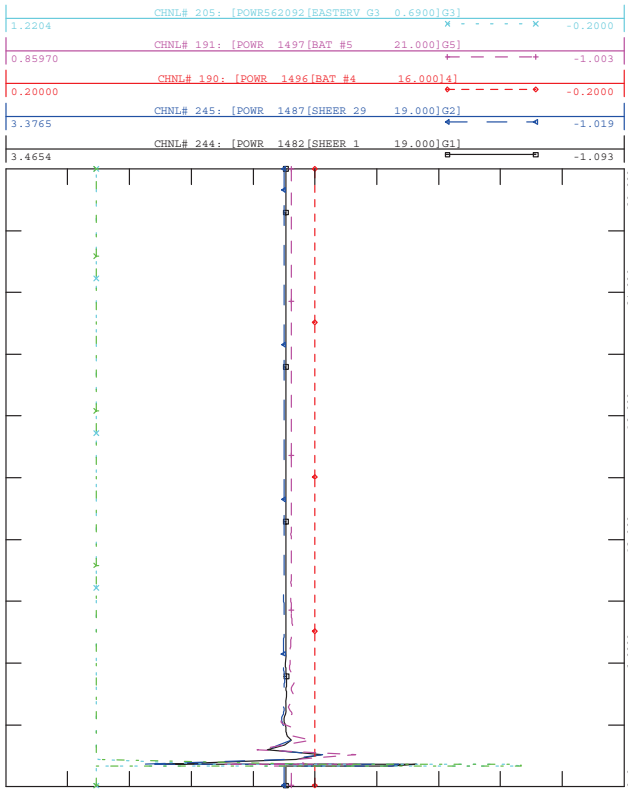


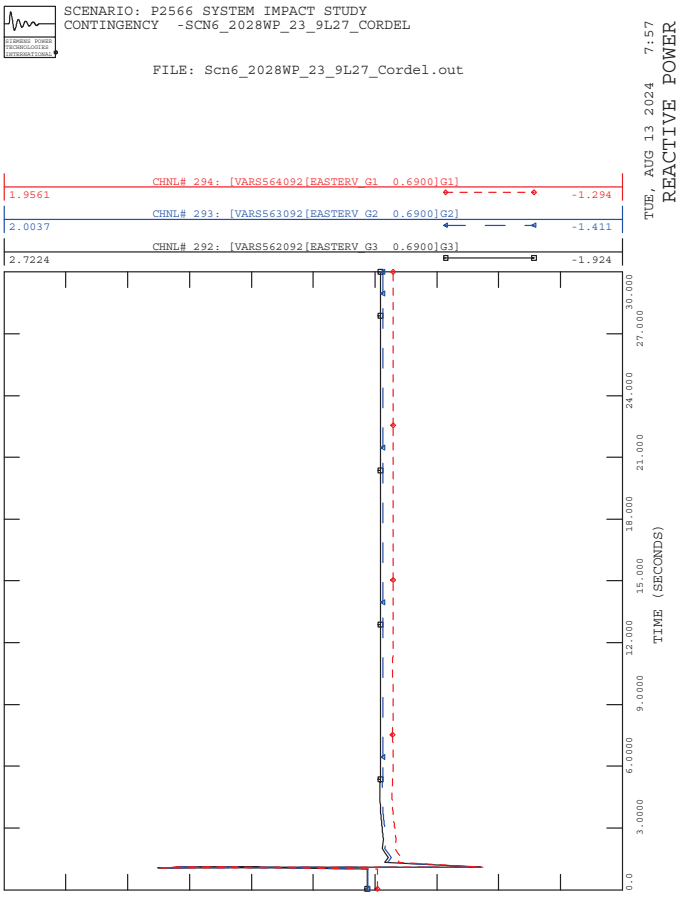
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_23_9L27_CORDEL

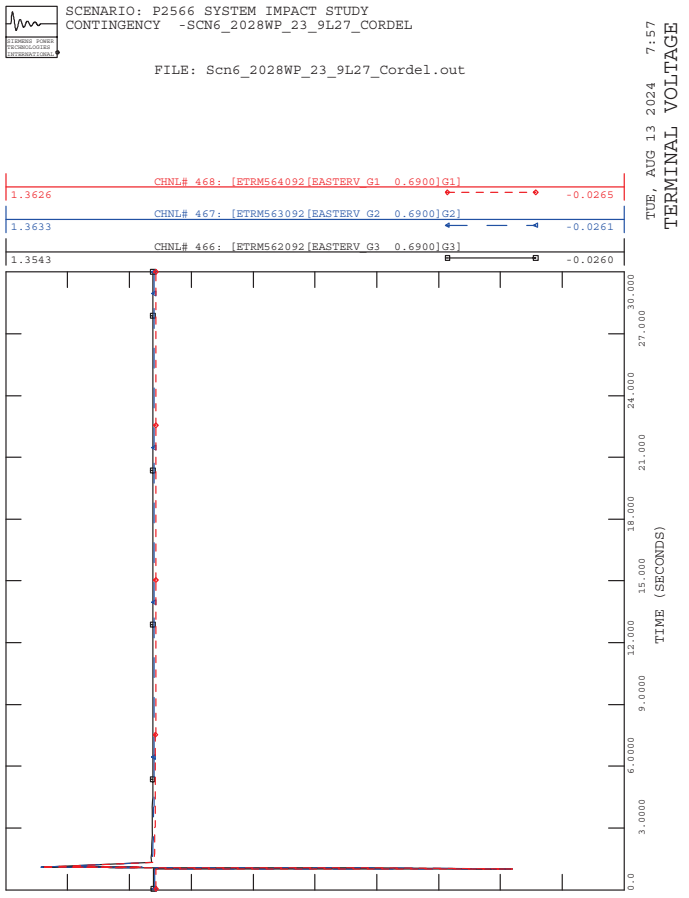
FILE: Scn6_2028WP_23_9L27_Cordel.out

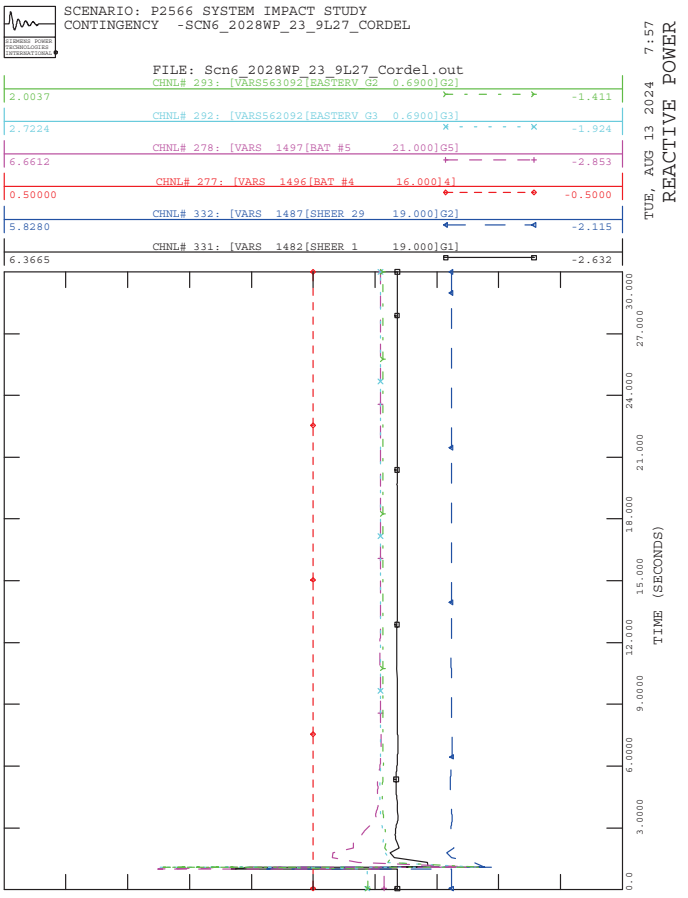
TUE, AUG 13 2024 7:57

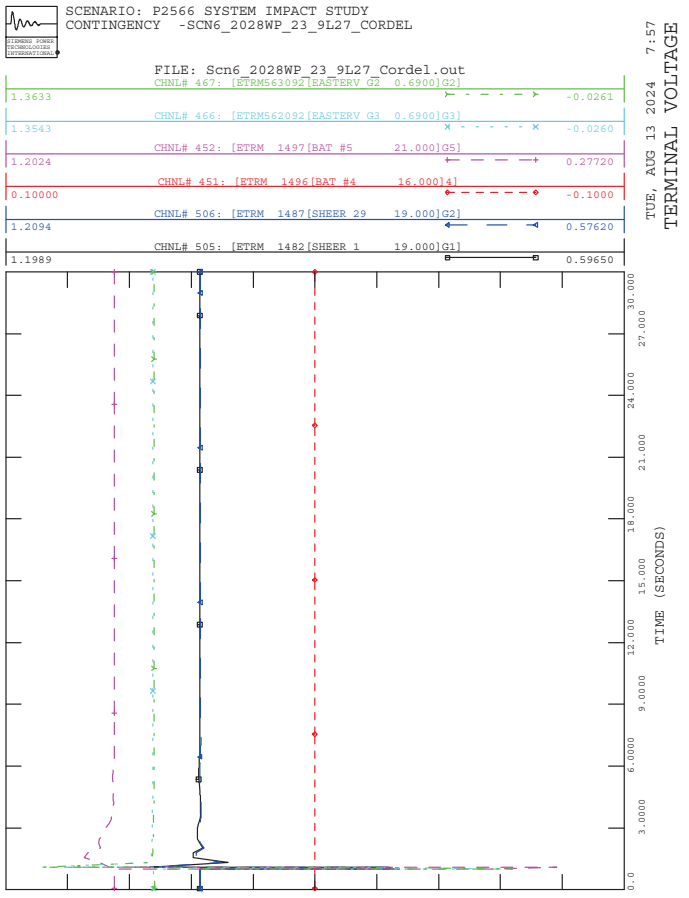
ACTIVE POWER




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_23_9L27_CORDEL
FILE: Scn6_2028WP_23_9L27_Cordel.out
TUE, AUG 13 2024 7:57
REACTIVE POWER
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.9561
-1.294
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
2.0037
-1.411
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
2.7224
-1.924
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_23_9L27_CORDEL
FILE: Scn6_2028WP_23_9L27_Cordel.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 468: [ETRMS64092[EASTERV G1 0.6900]G1]
1.3626
-0.0265
CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.3633
-0.0261
CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.3543
-0.0260
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_23_9L27_CORDEL
FILE: Scn6_2028WP_23_9L27_Cordel.out
TUE, AUG 13 2024 7:57
REACTIVE POWER
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
2.0037
-1.411
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
2.7224
-1.924
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
6.6612
-2.853
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000
-0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
5.8280
-2.115
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
6.3665
-2.632
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_23_9L27_CORDEL
FILE: Scn6_2028WP_23_9L27_Cordel.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.3633
-0.0261
CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.3543
-0.0260
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2024
0.27720
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000
-0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2094
0.57620
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1989
0.59650
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_23_9L27_CORDEL

FILE: Scn6_2028WP_23_9L27_Cordel.out

BUS VOLTAGE

TUE, AUG 13 2024 7:57

CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.4192 -0.0196

CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2059 -0.0930

CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3580 -0.0328

CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.1738 0.23810

CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.4415 -0.0838

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_23_9L27_CORDEL

FILE: Scn6_2028WP_23_9L27_Cordel.out

BRANCH Q

TUE, AUG 13 2024 7:57

CHNL# 556: [885L Q]
200.57 -166.6

CHNL# 554: [9L27 Q]
54.191 -40.00

CHNL# 552: [9L966 Q]
1366.9 -1348.

CHNL# 550: [954L Q]
221.59 -313.2

CHNL# 548: [9L20 Q]
1167.2 -866.2

CHNL# 546: [398L Q]
102.49 -90.85

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_23_9L27_CORDEL

FILE: Scn6_2028WP_23_9L27_Cordel.out

BUS VOLTAGE

TUE, AUG 13 2024 7:57

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4104 0.01030

CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4763 -0.0049

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3100 -0.0205

CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4316 -0.0013

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4219 0.00470

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4166 0.00020

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_23_9L27_CORDEL

FILE: Scn6_2028WP_23_9L27_Cordel.out

BRANCH P

TUE, AUG 13 2024 7:57

CHNL# 555: [885L P]
885.12 -624.3

CHNL# 553: [9L27 P]
495.88 -694.2

CHNL# 551: [9L966 P]
1641.9 -1159.

CHNL# 549: [954L P]
190.74 -132.5

CHNL# 547: [9L20 P]
1111.4 -1419.

CHNL# 545: [398L P]
199.26 -281.1

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_23_9L27_CORDEL

FILE: Scn6_2028WP_23_9L27_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 566: [715L Q] 225.86 -274.2
CHNL# 572: [679L Q] 40.641 -58.05
CHNL# 564: [680L Q] 40.641 -58.05
CHNL# 562: [948L Q] 1374.8 -797.2
CHNL# 560: [7L224 Q] 38.512 -99.76
CHNL# 558: [748L Q] 62.271 -48.91

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_23_9L27_CORDEL

FILE: Scn6_2028WP_23_9L27_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16 Q] 233.78 -306.8
CHNL# 576: [9L59 Q] 700.20 -271.0
CHNL# 574: [953L Q] 397.96 -219.2
CHNL# 570: [1047L Q] 230.81 -389.4
CHNL# 568: [749L Q] 41.196 -82.99

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_23_9L27_CORDEL

FILE: Scn6_2028WP_23_9L27_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 565: [715L P] 254.94 -355.6
CHNL# 571: [679L P] 111.61 -38.92
CHNL# 563: [680L P] 111.61 -38.92
CHNL# 561: [948L P] 264.09 -263.1
CHNL# 559: [7L224 P] 59.689 -191.3
CHNL# 557: [748L P] 39.451 -112.0

TIME (SECONDS)

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_23_9L27_CORDEL

FILE: Scn6_2028WP_23_9L27_Cordel.out

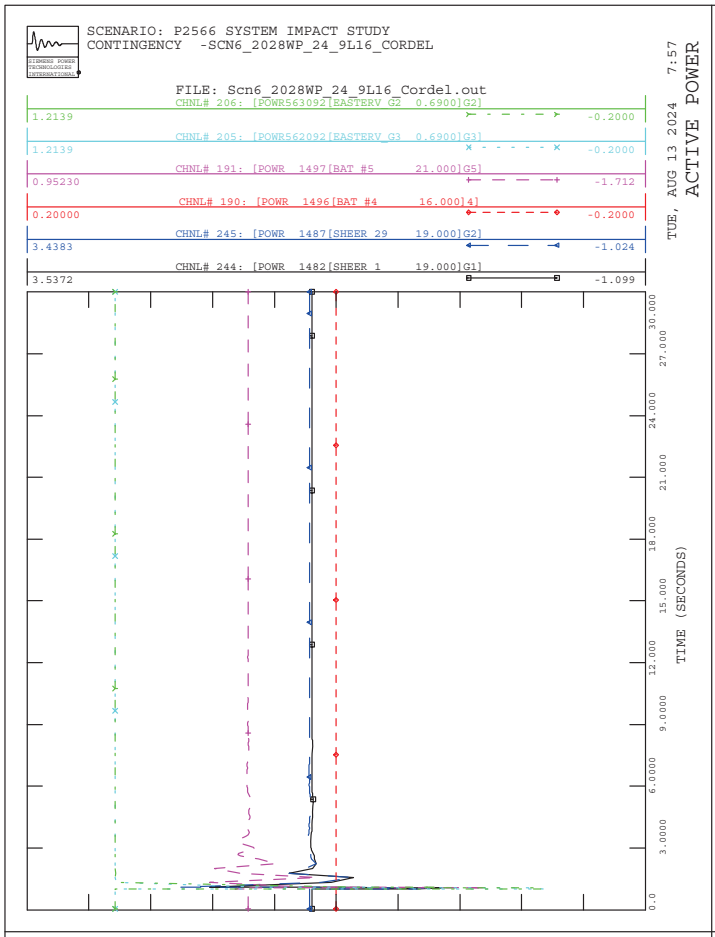
TUE, AUG 13 2024 7:57

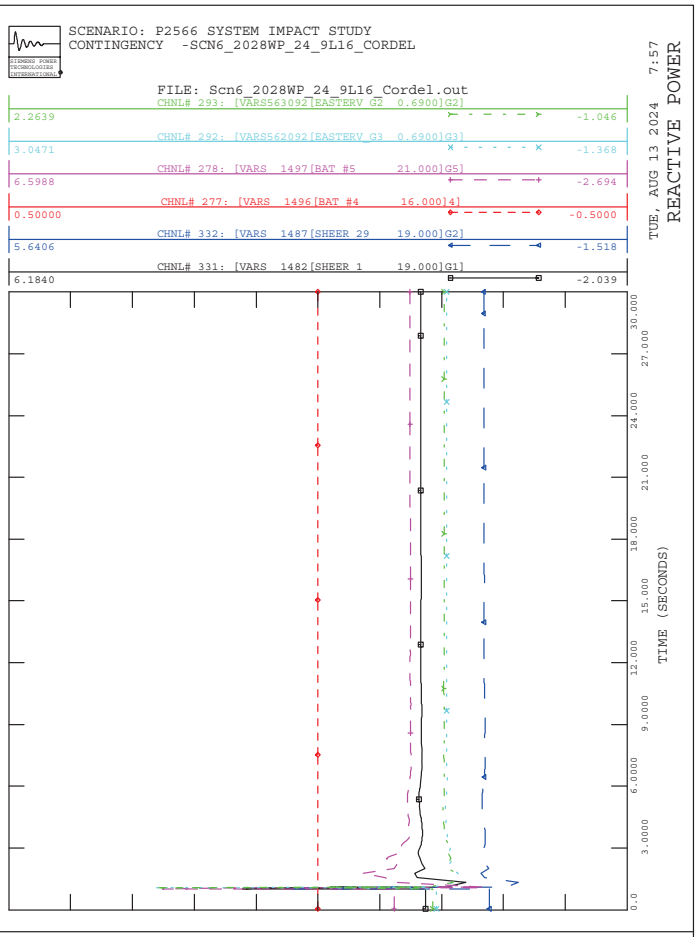
BRANCH P

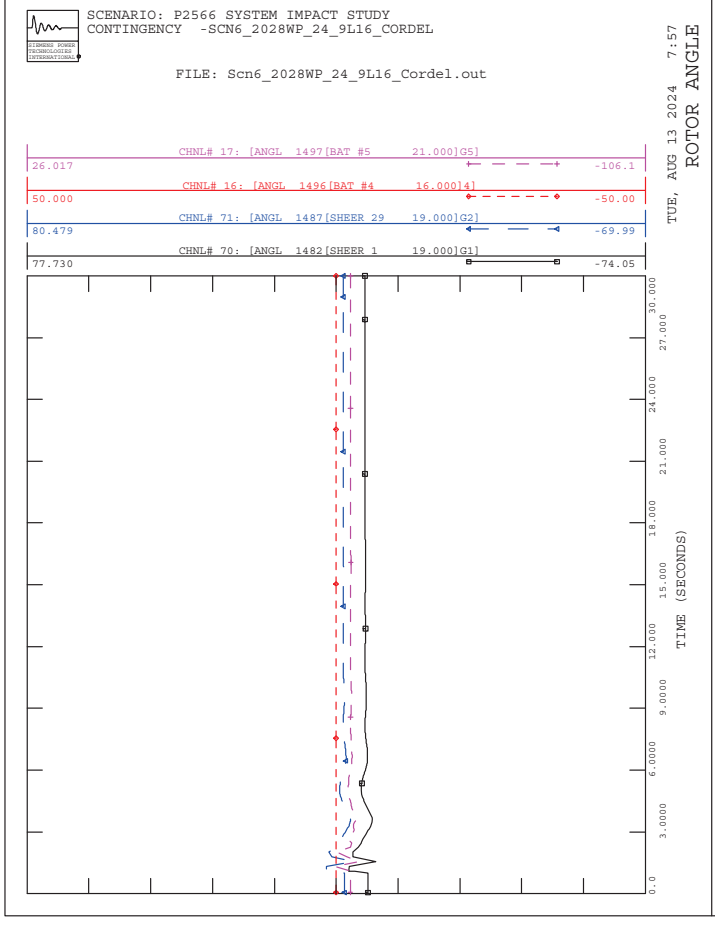
CHNL# 577: [9L16 P] 63.133 -198.7
CHNL# 575: [9L59 P] 1006.7 -293.8
CHNL# 573: [953L P] 692.71 -228.2
CHNL# 569: [1047L P] 299.30 -915.0
CHNL# 567: [749L P] 138.34 -42.05

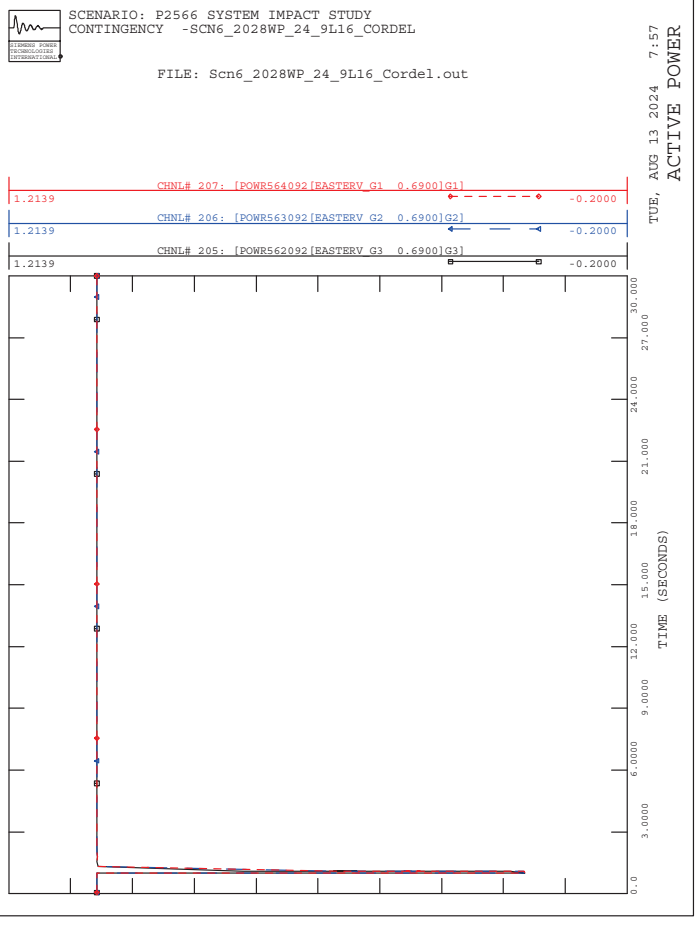
TIME (SECONDS)

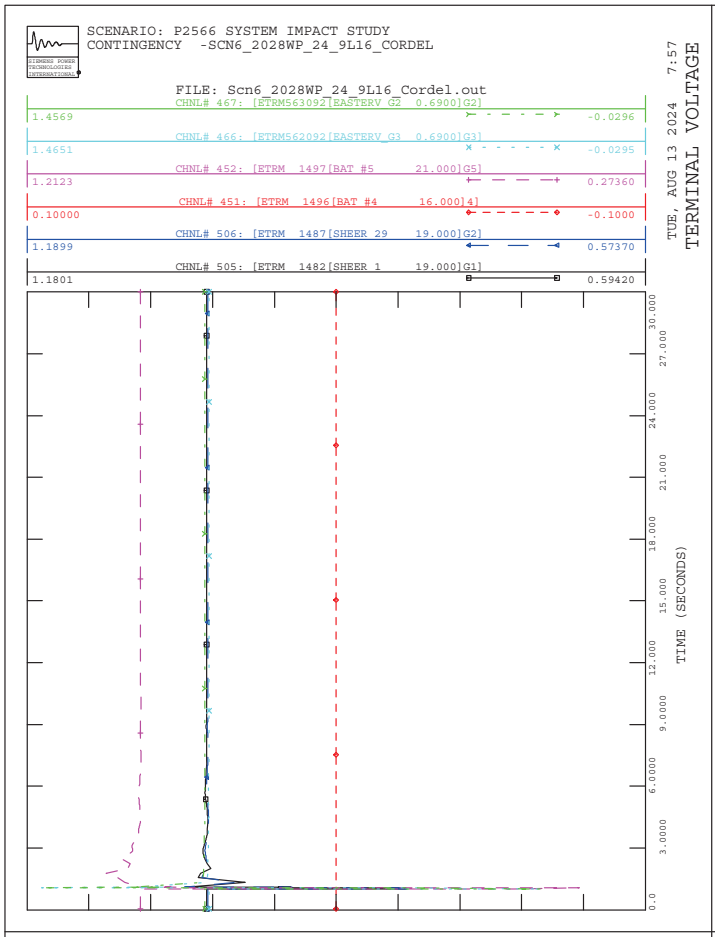
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

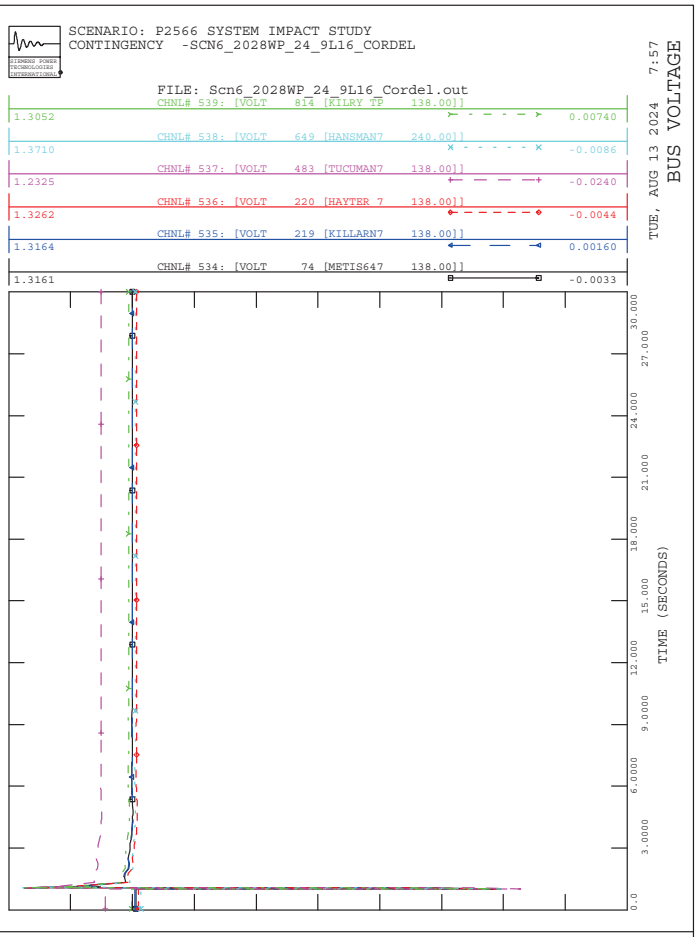

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_24_9L16_CORDEL
FILE: Scn6_2028WP_24_9L16_Cordel.out
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2139
-0.2000
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2139
-0.2000
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
0.95230
-1.712
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000
-0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
3.4383
-1.024
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
3.5372
-1.099
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

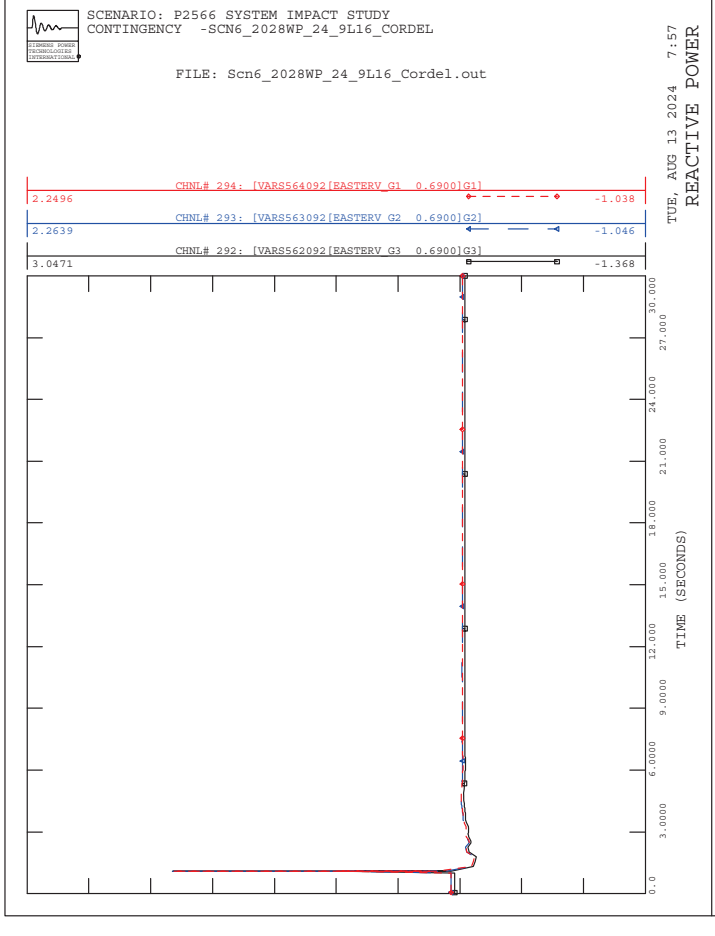

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_24_9L16_CORDEL
FILE: Scn6_2028WP_24_9L16_Cordel.out
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
2.2639
-1.046
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
3.0471
-1.368
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
6.5988
-2.694
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000
-0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
5.6406
-1.518
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
6.1840
-2.039
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

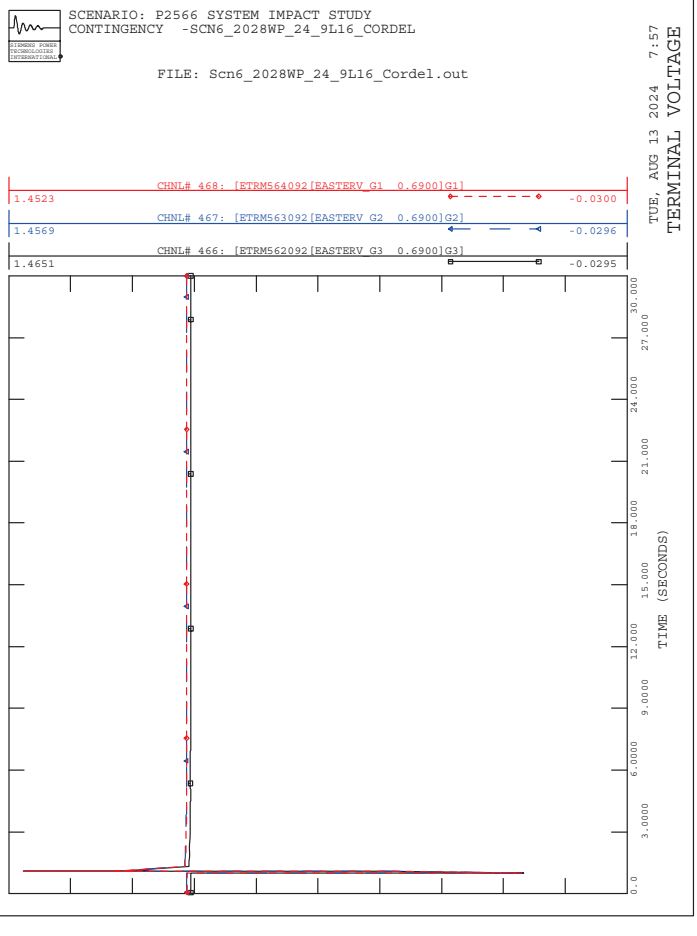

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_24_9L16_CORDEL
FILE: Scn6_2028WP_24_9L16_Cordel.out
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
26.017
-106.1
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000
-50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
80.479
-69.99
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
77.730
-74.05
TUE, AUG 13 2024 7:57
ROTOR ANGLE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

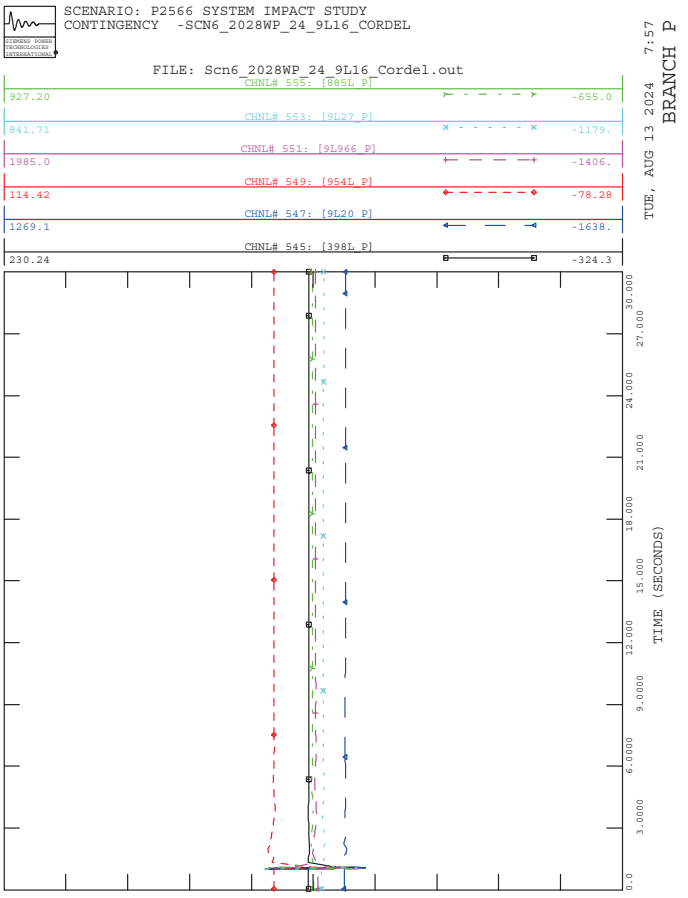

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_24_9L16_CORDEL
FILE: Scn6_2028WP_24_9L16_Cordel.out
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2139
-0.2000
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2139
-0.2000
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2139
-0.2000
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

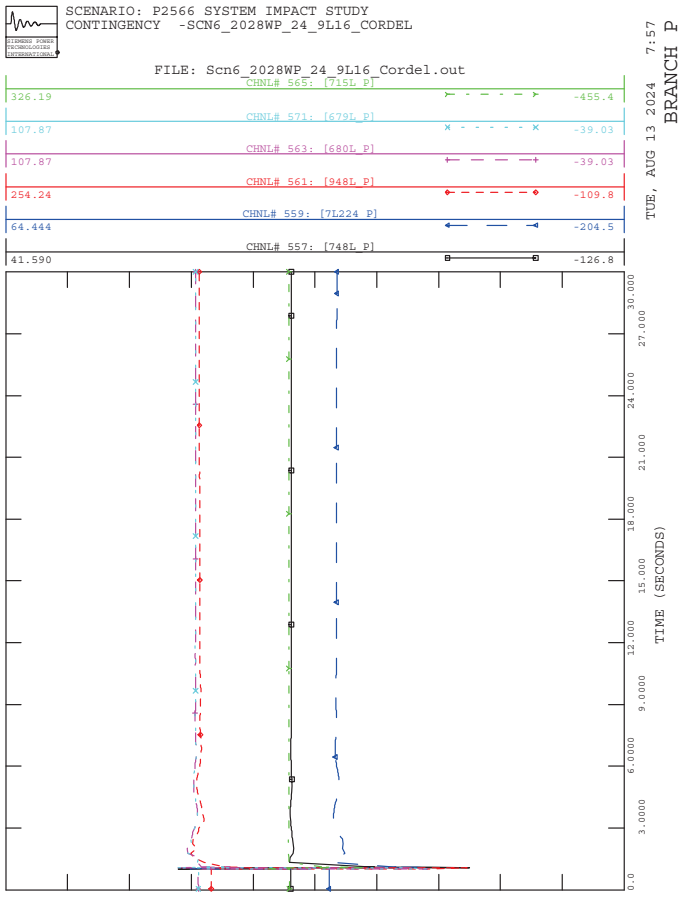

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_24_9L16_CORDEL
FILE: Scn6_2028WP_24_9L16_Cordel.out
CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.4569 -0.0296
CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.4651 -0.0295
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2123 0.27360
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1899 0.57370
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1801 0.59420
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

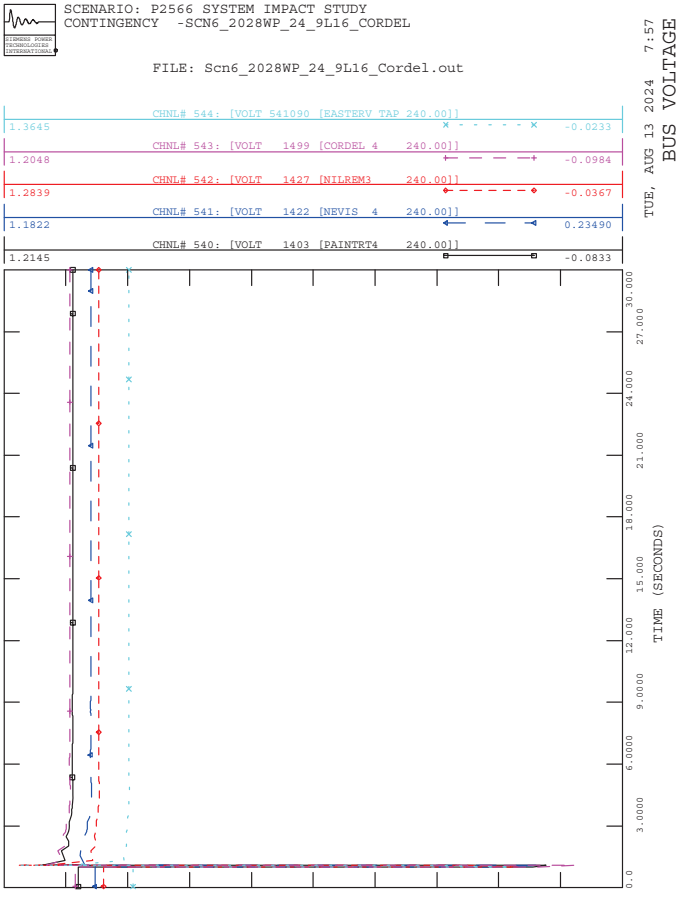

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_24_9L16_CORDEL
FILE: Scn6_2028WP_24_9L16_Cordel.out
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.3052 0.00740
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.3710 -0.0086
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.2325 -0.0240
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.3262 -0.0044
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.3164 0.00160
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.3161 -0.0033
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

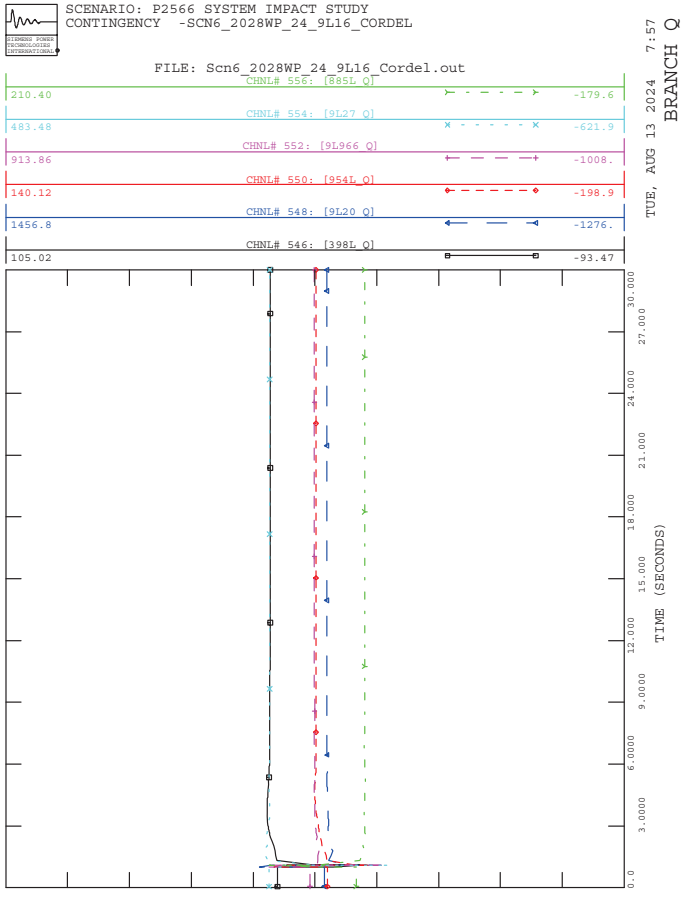

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_24_9L16_CORDEL
FILE: Scn6_2028WP_24_9L16_Cordel.out
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
2.2496 -1.038
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
2.2639 -1.046
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
3.0471 -1.368
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

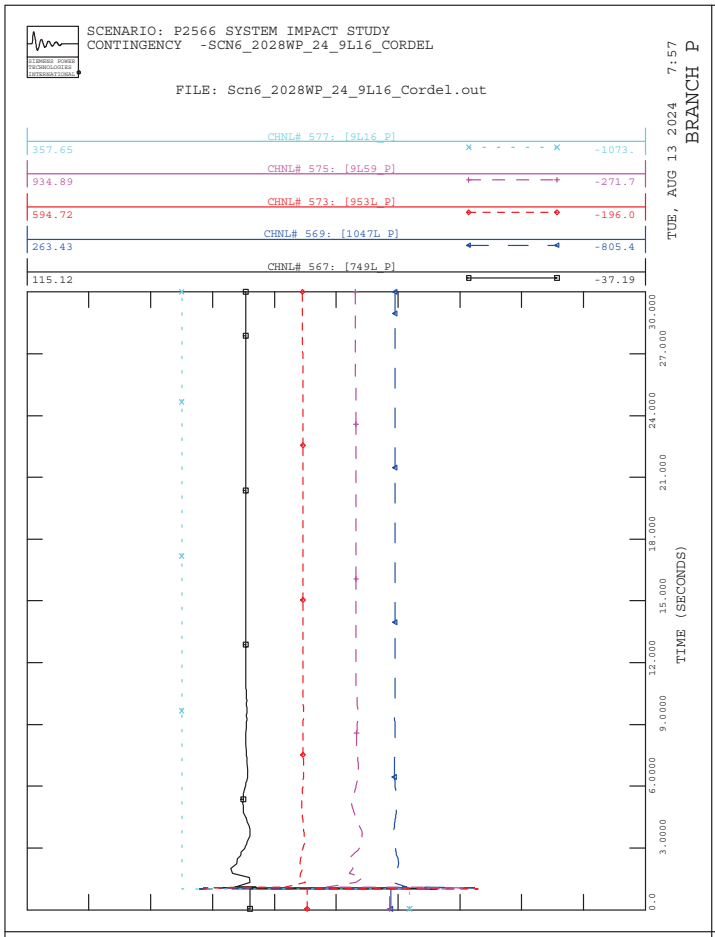

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_24_9L16_CORDEL
FILE: Scn6_2028WP_24_9L16_Cordel.out
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.4523 -0.0300
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4569 -0.0296
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4651 -0.0295
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

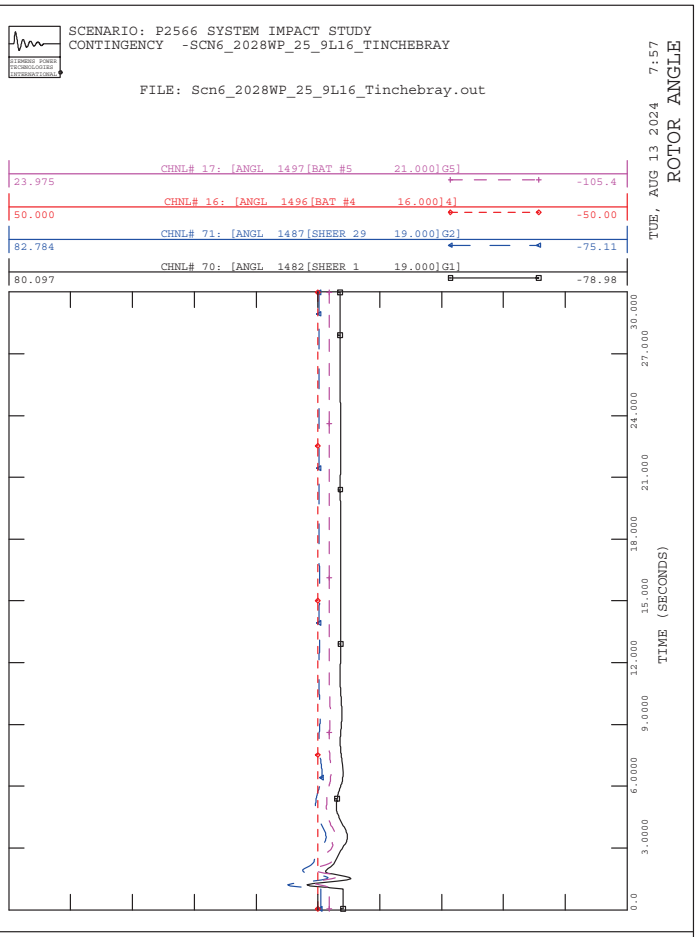

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_24_9L16_CORDEL
FILE: Scn6_2028WP_24_9L16_Cordel.out
CHNL# 555: [885L P]
927.20
-655.0
CHNL# 553: [9L27 P]
841.71
-1179.
CHNL# 551: [9L966 P]
1985.0
-1406.
CHNL# 549: [954L P]
114.42
-78.28
CHNL# 547: [9L20 P]
1269.1
-1638.
CHNL# 545: [398L P]
230.24
-324.3
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
BRANCH P

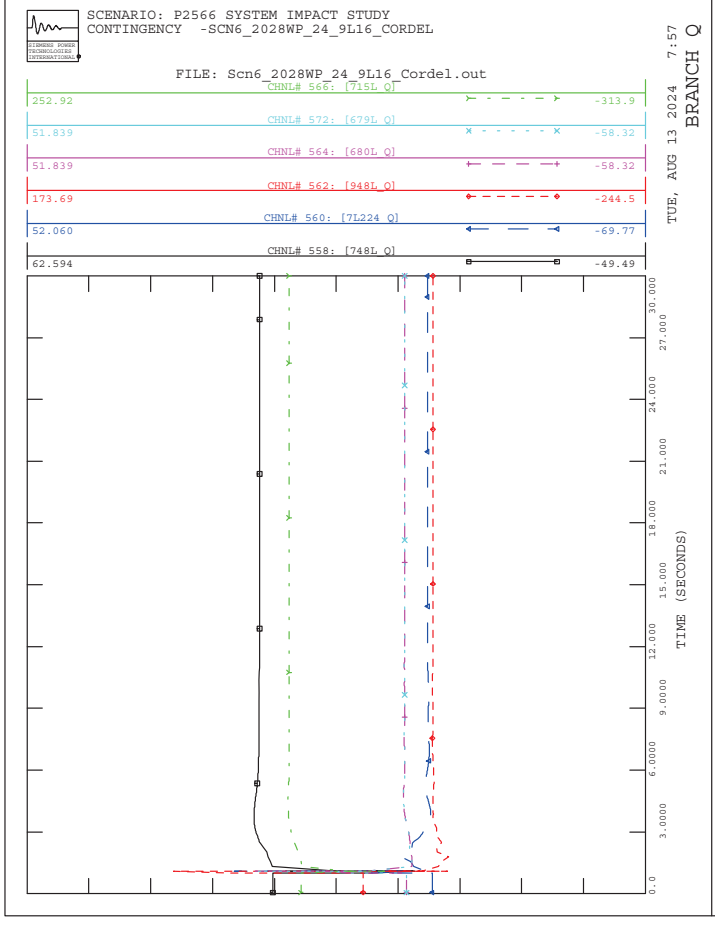

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_24_9L16_CORDEL
FILE: Scn6_2028WP_24_9L16_Cordel.out
CHNL# 565: [715L P]
326.19
-455.4
CHNL# 571: [679L P]
107.87
-39.03
CHNL# 563: [680L P]
107.87
-39.03
CHNL# 561: [948L P]
254.24
-109.8
CHNL# 559: [7L224 P]
64.444
-204.5
CHNL# 557: [748L P]
41.590
-126.8
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
BRANCH P

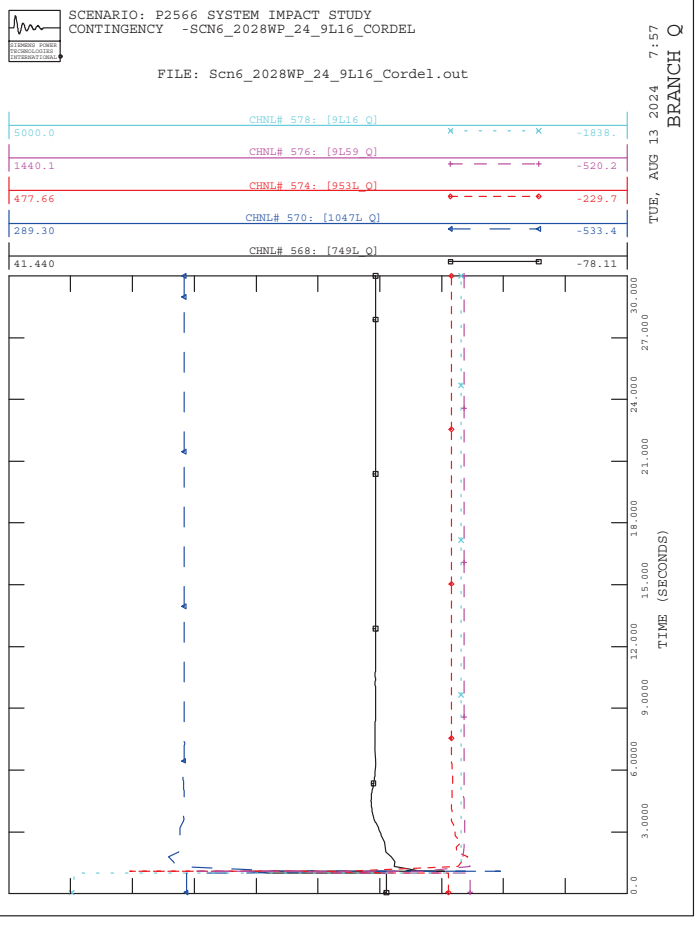

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_24_9L16_CORDEL
FILE: Scn6_2028WP_24_9L16_Cordel.out
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.3645
-0.0233
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2048
-0.0984
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.2839
-0.0367
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.1822
0.23490
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2145
-0.0833
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
BUS VOLTAGE


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_24_9L16_CORDEL
FILE: Scn6_2028WP_24_9L16_Cordel.out
CHNL# 556: [885L Q]
210.40
-179.6
CHNL# 554: [9L27 Q]
483.48
-621.9
CHNL# 552: [9L966 Q]
913.86
-1008.
CHNL# 550: [954L Q]
140.12
-198.9
CHNL# 548: [9L20 Q]
1456.8
-1276.
CHNL# 546: [398L Q]
105.02
-93.47
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
BRANCH Q


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_24_9L16_CORDEL
FILE: Scn6_2028WP_24_9L16_Cordel.out
CHNL# 577: [9L16_P]
357.65
-1073.
CHNL# 575: [9L59_P]
934.89
-271.7
CHNL# 573: [953L_P]
594.72
-196.0
CHNL# 569: [1047L_P]
263.43
-805.4
CHNL# 567: [749L_P]
115.12
-37.19
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
BRANCH P


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_25_9L16_TINCHEBRAY
FILE: Scn6_2028WP_25_9L16_Tinchebray.out
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
23.975
-105.4
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000
-50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
82.784
-75.11
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
80.097
-78.98
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
ROTOR ANGLE


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_24_9L16_CORDEL
FILE: Scn6_2028WP_24_9L16_Cordel.out
CHNL# 566: [715L_Q]
252.92
-313.9
CHNL# 572: [679L_Q]
51.839
-58.32
CHNL# 564: [680L_Q]
51.839
-58.32
CHNL# 562: [948L_Q]
173.69
-244.5
CHNL# 560: [7L224_Q]
52.060
-69.77
CHNL# 558: [748L_Q]
62.594
-49.49
0.0
3.0000
6.0000
9.0000
12.000
15.000
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21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
BRANCH Q

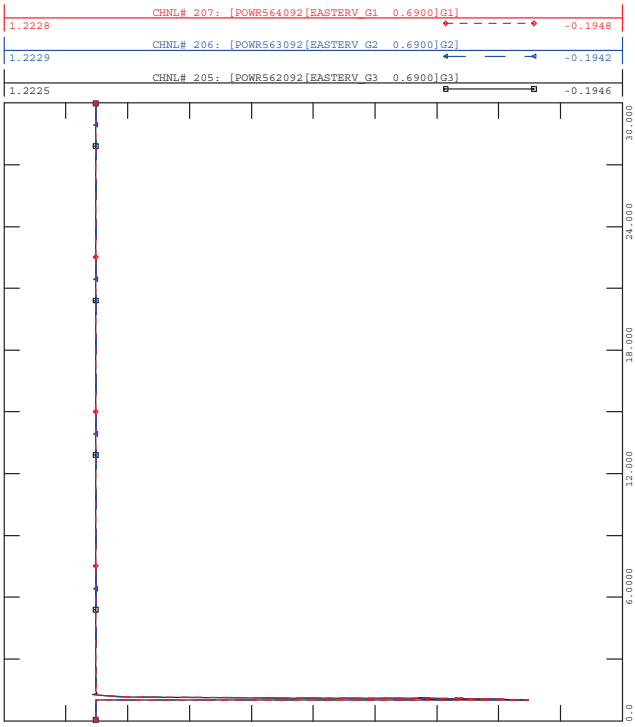

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_24_9L16_CORDEL
FILE: Scn6_2028WP_24_9L16_Cordel.out
CHNL# 578: [9L16_Q]
5000.0
-1838.
CHNL# 576: [9L59_Q]
1440.1
-520.2
CHNL# 574: [953L_Q]
477.66
-229.7
CHNL# 570: [1047L_Q]
289.30
-533.4
CHNL# 568: [749L_Q]
41.440
-78.11
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
BRANCH Q

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_25_9L16_TINCHEBRAY

FILE: Scn6_2028WP_25_9L16_Tinchebray.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

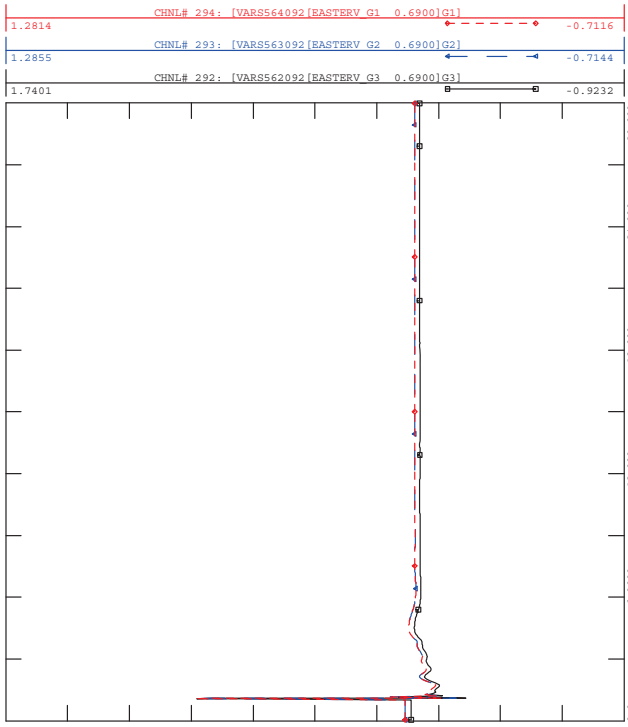


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_25_9L16_TINCHEBRAY

FILE: Scn6_2028WP_25_9L16_Tinchebray.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

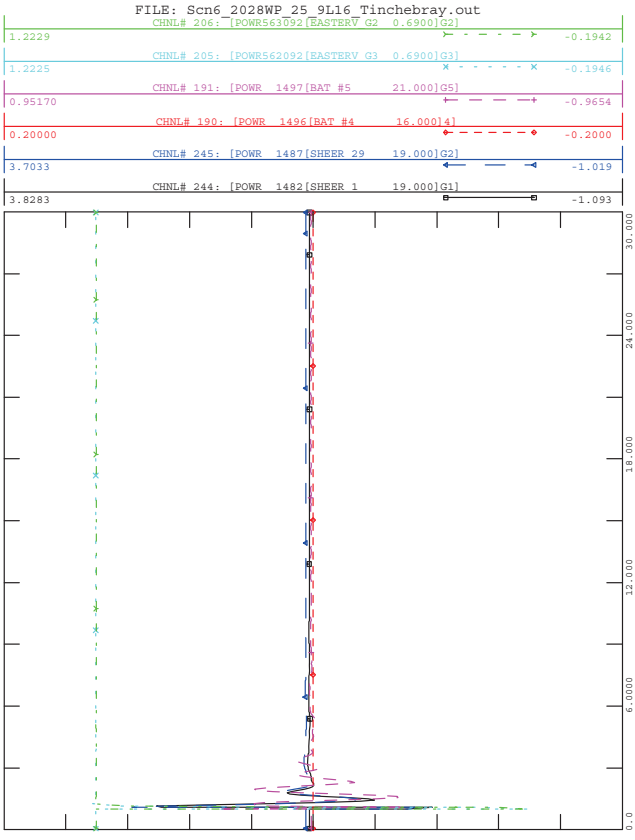


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_25_9L16_TINCHEBRAY

FILE: Scn6_2028WP_25_9L16_Tinchebray.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

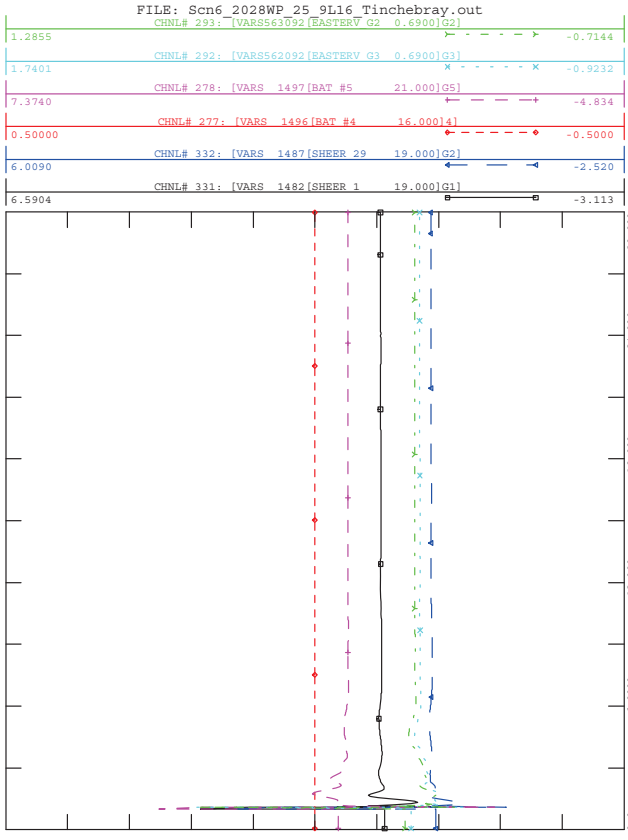


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_25_9L16_TINCHEBRAY

FILE: Scn6_2028WP_25_9L16_Tinchebray.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

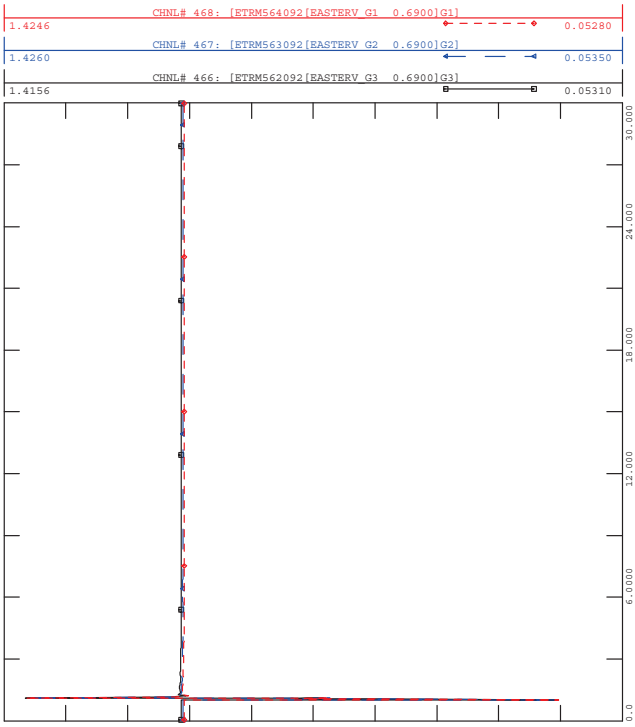


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_25_9L16_TINCHEBRAY

FILE: Scn6_2028WP_25_9L16_Tinchebray.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

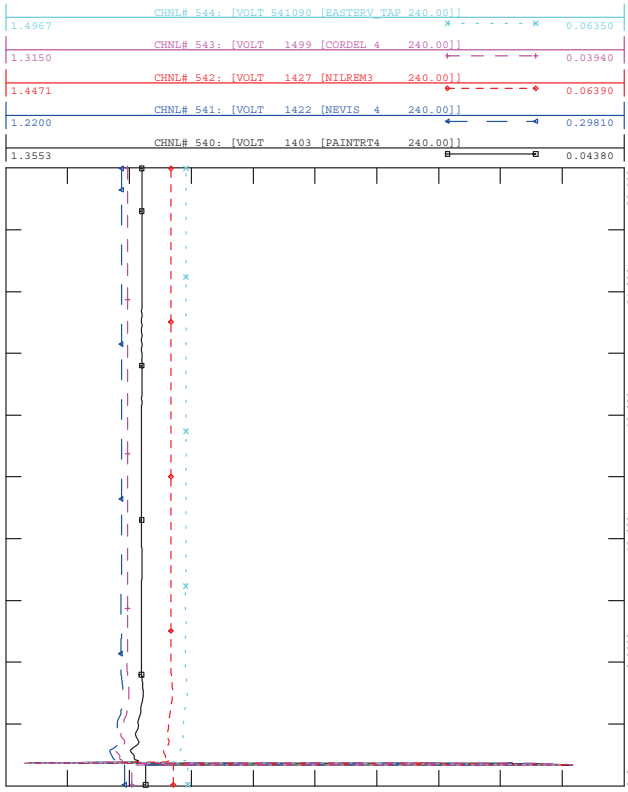


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_25_9L16_TINCHEBRAY

FILE: Scn6_2028WP_25_9L16_Tinchebray.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

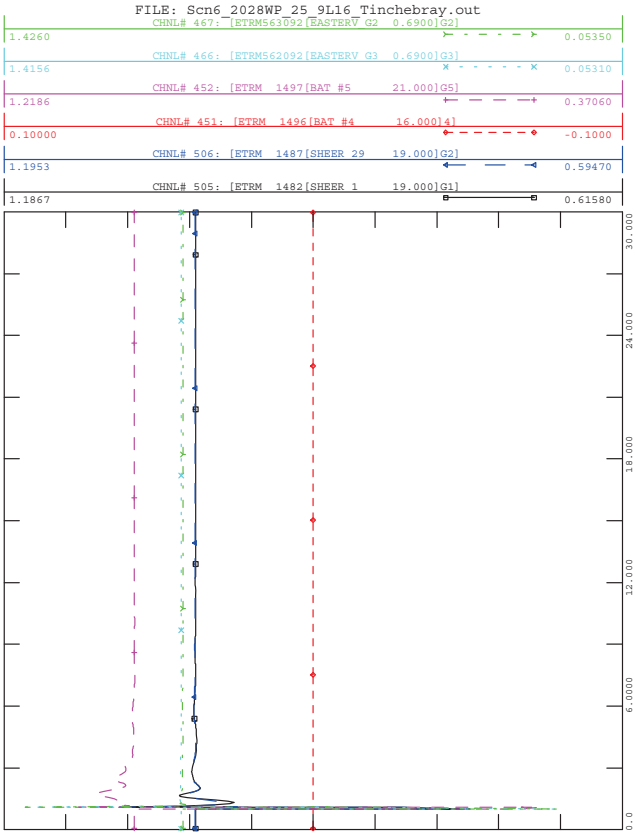


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_25_9L16_TINCHEBRAY

FILE: Scn6_2028WP_25_9L16_Tinchebray.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

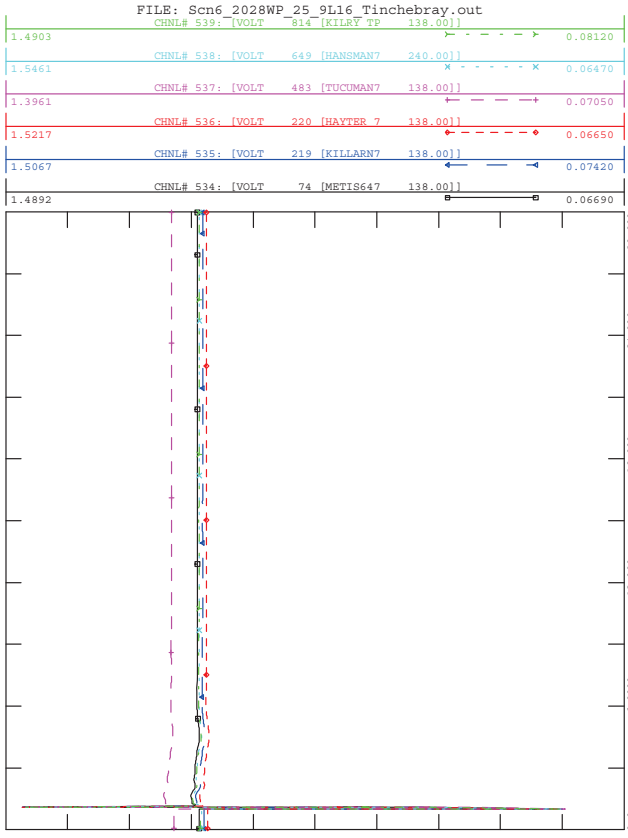


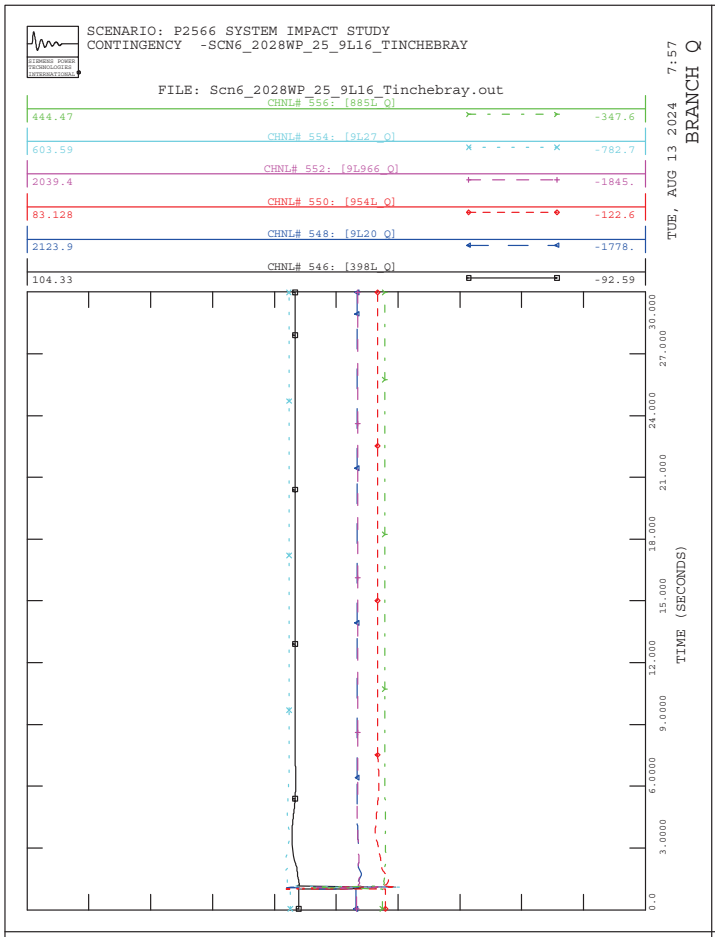
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_25_9L16_TINCHEBRAY

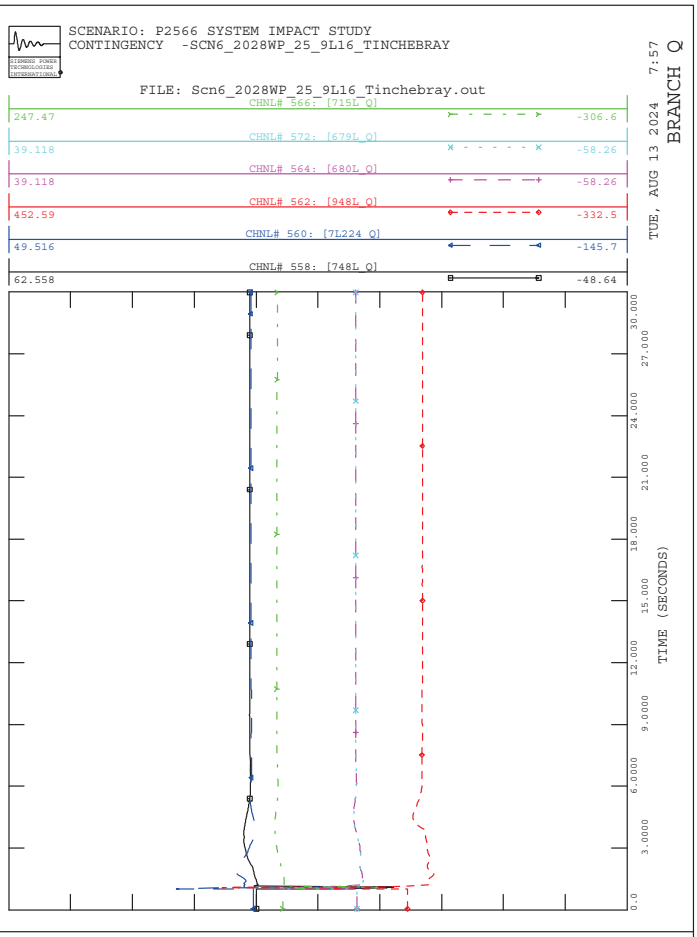
FILE: Scn6_2028WP_25_9L16_Tinchebray.out

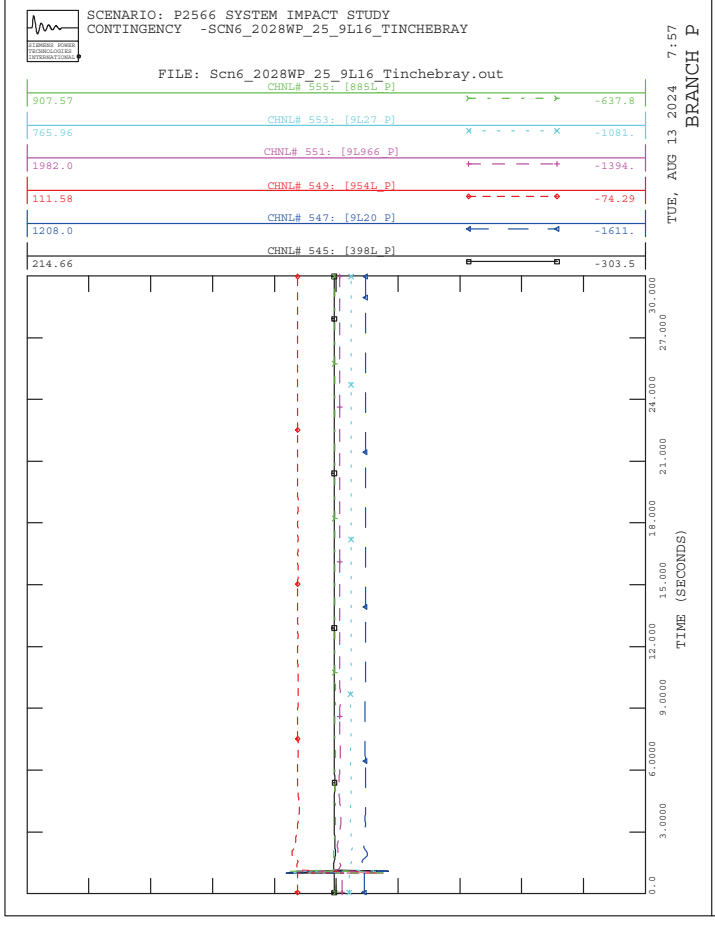
TUE, AUG 13 2024 7:57

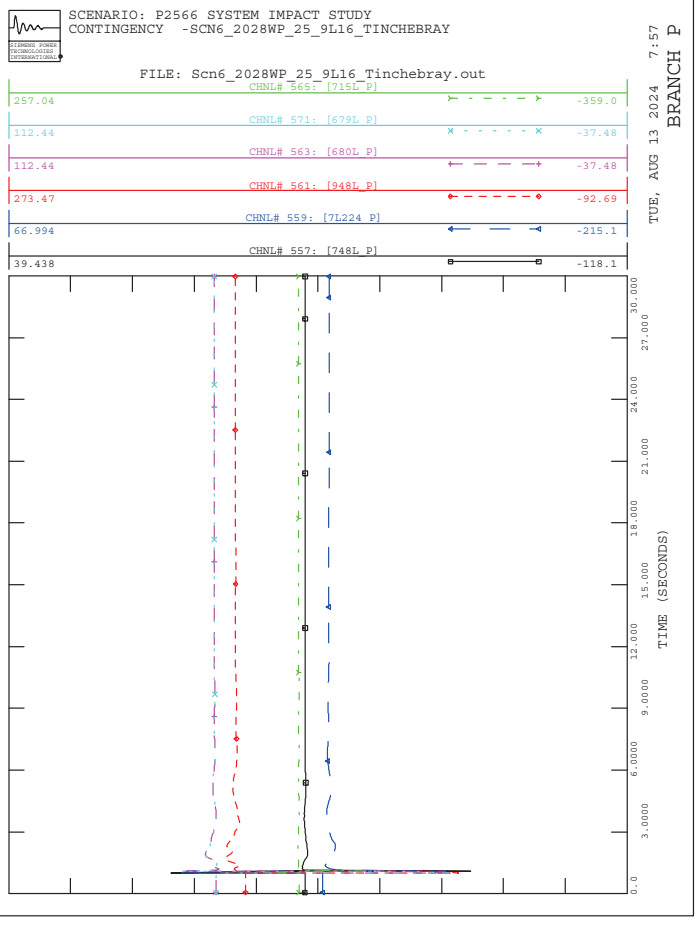
BUS VOLTAGE




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_25_9L16_TINCHEBRAY
FILE: Scn6_2028WP_25_9L16_Tinchebray.out
CHNL# 556: [885L Q]
444.47
-347.6
CHNL# 554: [9L27 Q]
603.59
-782.7
CHNL# 552: [9L966 Q]
2039.4
-1845.
CHNL# 550: [954L Q]
83.128
-122.6
CHNL# 548: [9L20 Q]
2123.9
-1778.
CHNL# 546: [398L Q]
104.33
-92.59
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_25_9L16_TINCHEBRAY
FILE: Scn6_2028WP_25_9L16_Tinchebray.out
CHNL# 566: [715L Q]
247.47
-306.6
CHNL# 572: [679L Q]
39.118
-58.26
CHNL# 564: [680L Q]
39.118
-58.26
CHNL# 562: [948L Q]
452.59
-332.5
CHNL# 560: [7L224 Q]
49.516
-145.7
CHNL# 558: [748L Q]
62.558
-48.64
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_25_9L16_TINCHEBRAY
FILE: Scn6_2028WP_25_9L16_Tinchebray.out
CHNL# 555: [885L P]
907.57
-637.8
CHNL# 553: [9L27 P]
765.96
-1081.
CHNL# 551: [9L966 P]
1982.0
-1394.
CHNL# 549: [954L P]
111.58
-74.29
CHNL# 547: [9L20 P]
1208.0
-1611.
CHNL# 545: [398L P]
214.66
-303.5
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

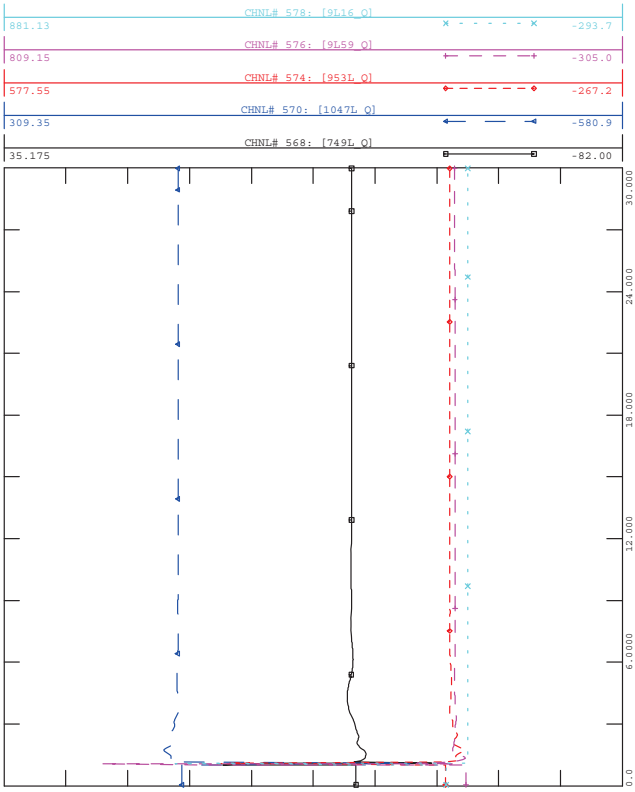

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_25_9L16_TINCHEBRAY
FILE: Scn6_2028WP_25_9L16_Tinchebray.out
CHNL# 565: [715L P]
257.04
-359.0
CHNL# 571: [679L P]
112.44
-37.48
CHNL# 563: [680L P]
112.44
-37.48
CHNL# 561: [948L P]
273.47
-92.69
CHNL# 559: [7L224 P]
66.994
-215.1
CHNL# 557: [748L P]
39.438
-118.1
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_25_9L16_TINCHEBRAY

FILE: Scn6_2028WP_25_9L16_Tinchebray.out

TUE, AUG 13 2024 7:57

BRANCH Q

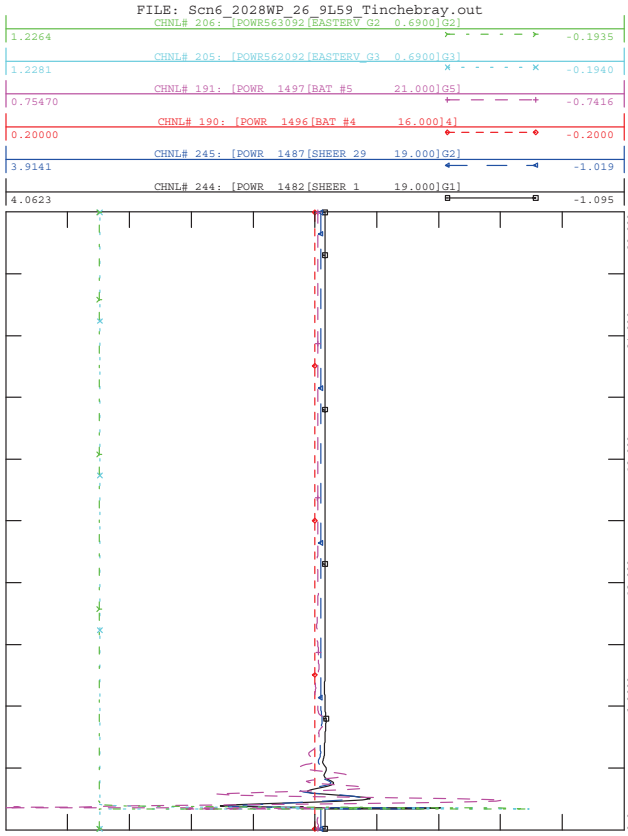


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_26_9L59_TINCHEBRAY

FILE: Scn6_2028WP_26_9L59_Tinchebray.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

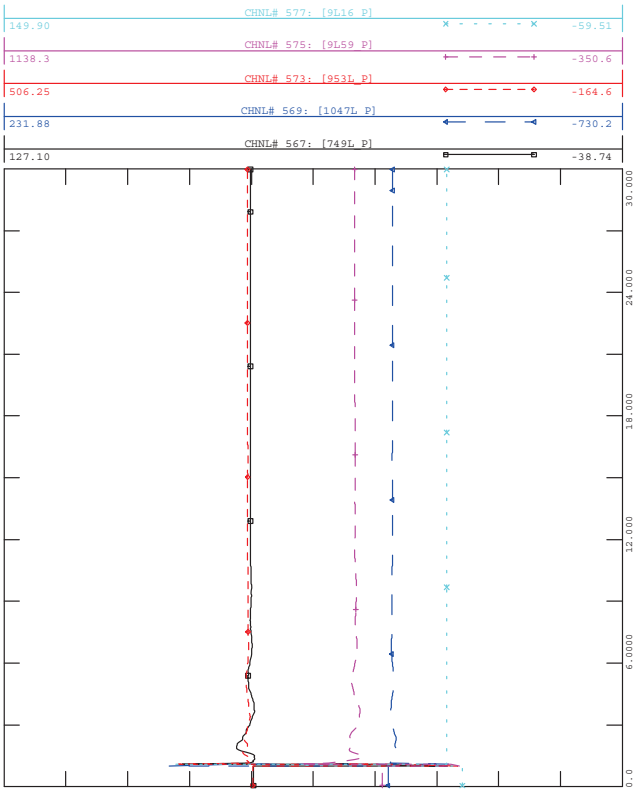


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_25_9L16_TINCHEBRAY

FILE: Scn6_2028WP_25_9L16_Tinchebray.out

TUE, AUG 13 2024 7:57

BRANCH P

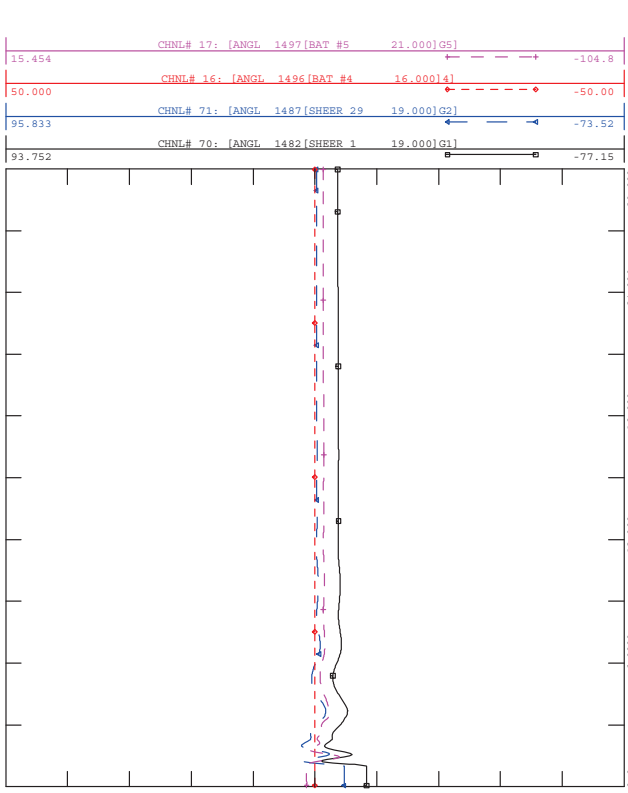


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_26_9L59_TINCHEBRAY

FILE: Scn6_2028WP_26_9L59_Tinchebray.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_26_9L59_TINCHEBRAY

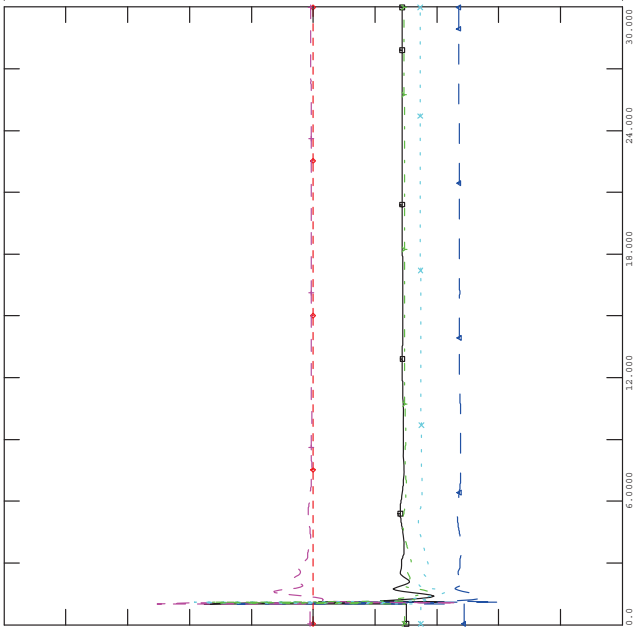
FILE: Scn6_2028WP_26_9L59_Tinchebray.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.1594 -0.6395
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.3938 -0.6843
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
7.9201 -6.445
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000 -0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
5.8111 -1.896
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
6.3761 -2.436

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_26_9L59_TINCHEBRAY

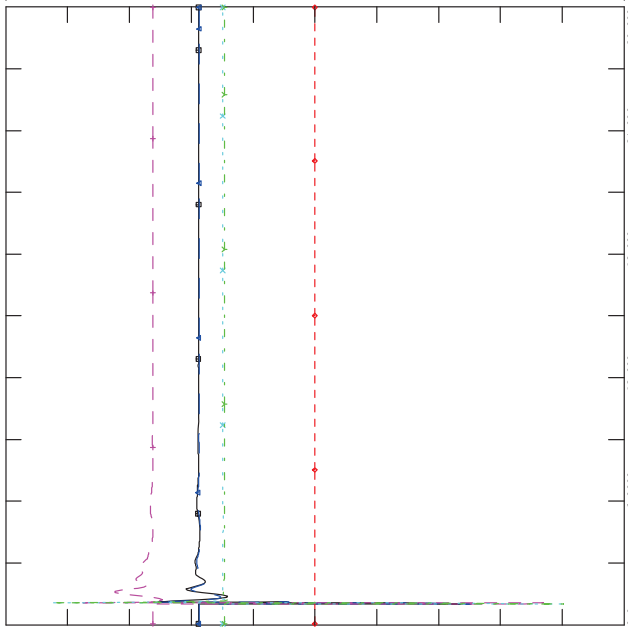
FILE: Scn6_2028WP_26_9L59_Tinchebray.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5611 0.05570
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5498 0.05530
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2467 0.37730
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1991 0.59390
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1886 0.61510

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_26_9L59_TINCHEBRAY

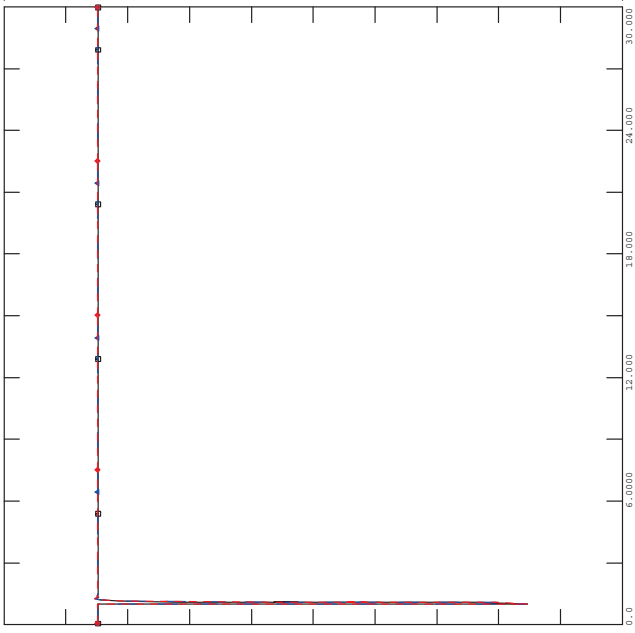
FILE: Scn6_2028WP_26_9L59_Tinchebray.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2265 -0.1942
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2264 -0.1935
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.2281 -0.1940

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_26_9L59_TINCHEBRAY

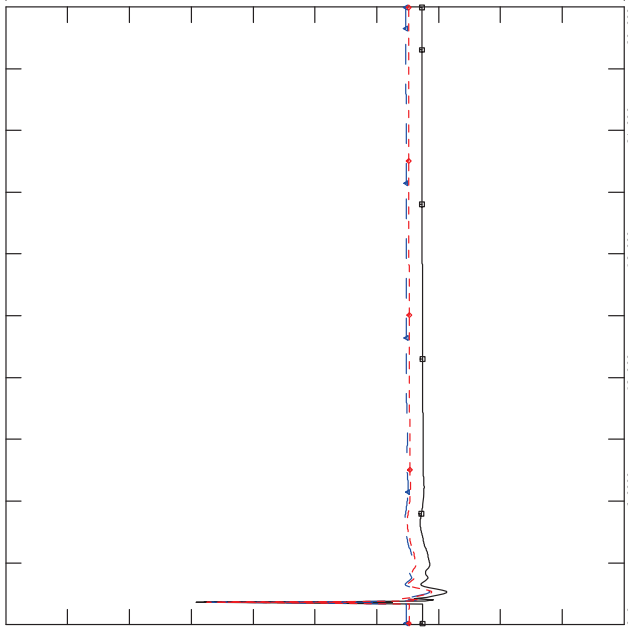
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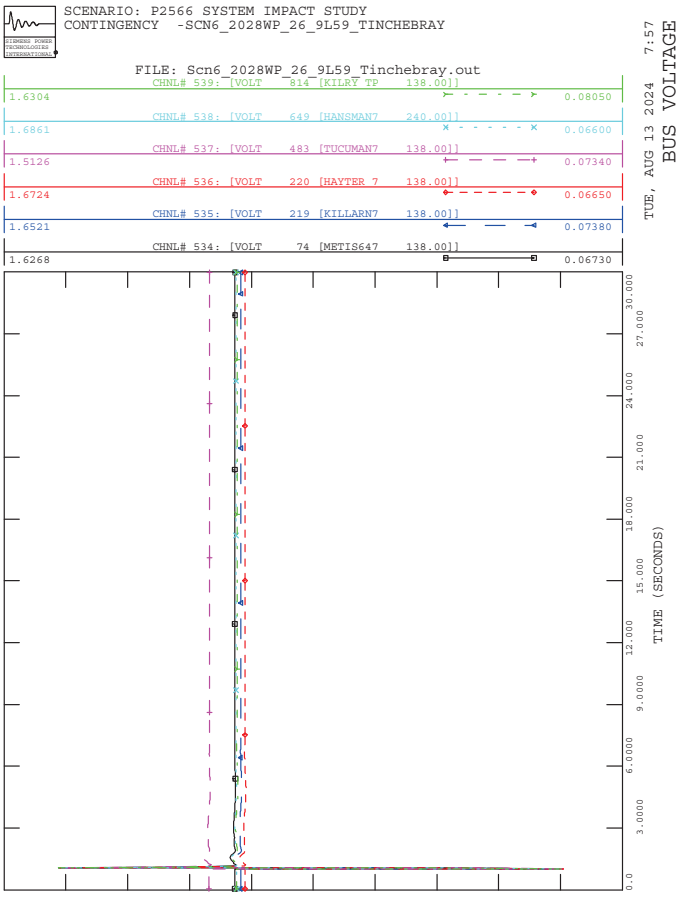
TUE, AUG 13 2024 7:57

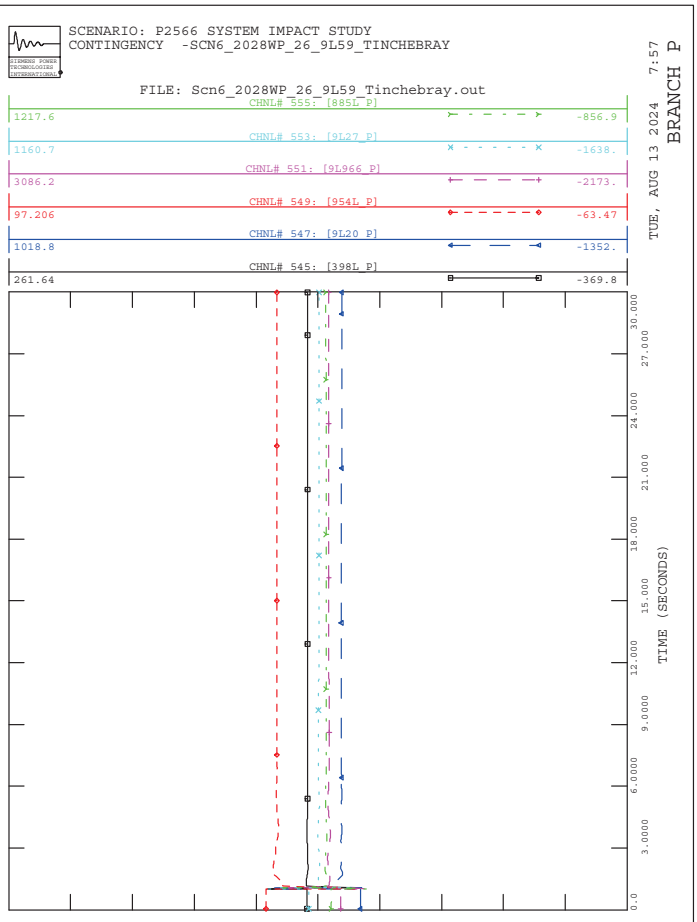
REACTIVE POWER

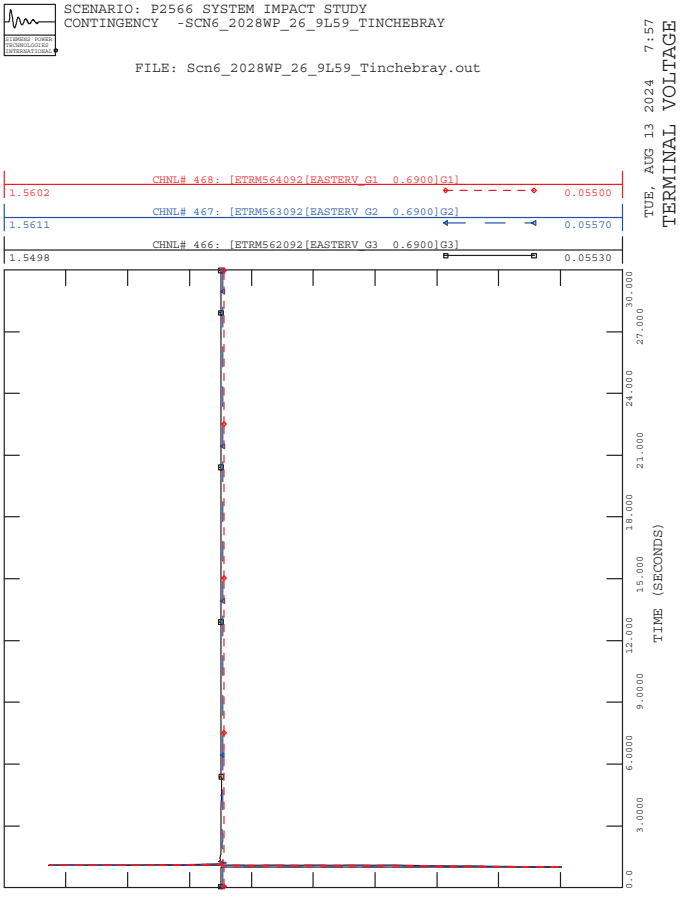
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.1784 -0.6377
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.1594 -0.6395
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.3938 -0.6843

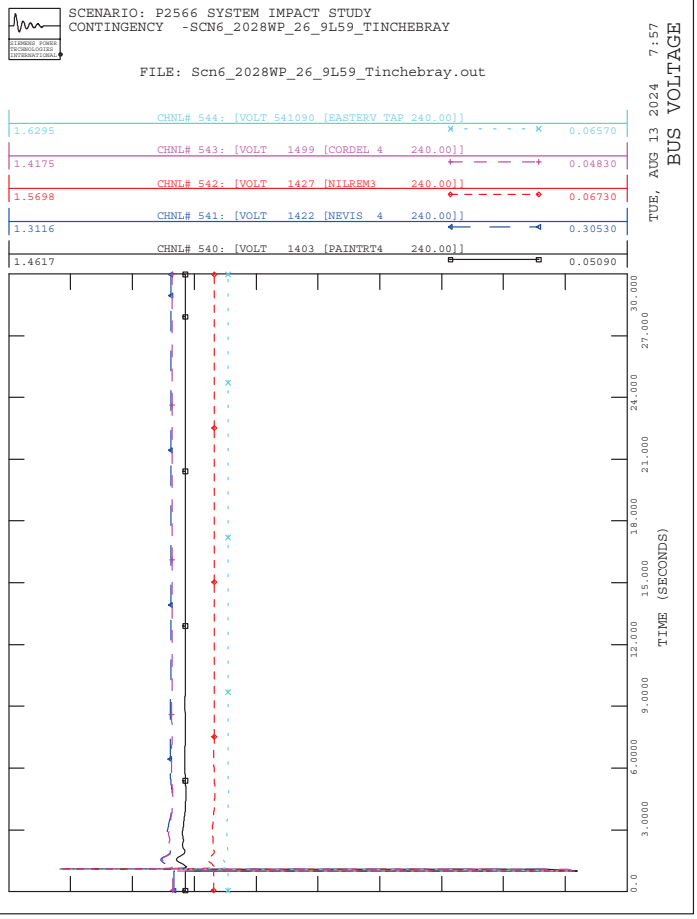
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_26_9L59_TINCHEBRAY
FILE: Scn6_2028WP_26_9L59_Tinchebray.out
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.6304
0.08050
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.6861
0.06600
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.5126
0.07340
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.6724
0.06650
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.6521
0.07380
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.6268
0.06730
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

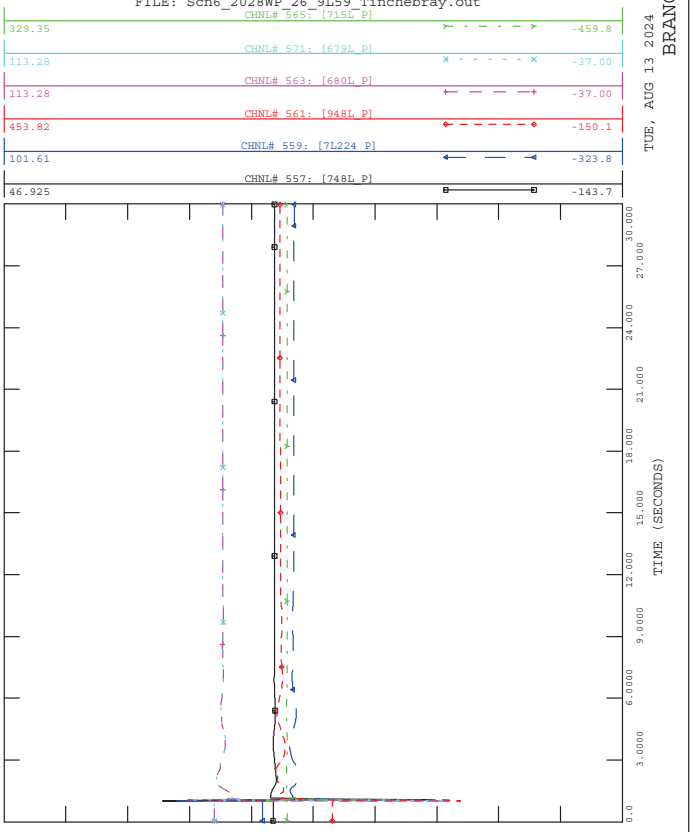

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_26_9L59_TINCHEBRAY
FILE: Scn6_2028WP_26_9L59_Tinchebray.out
CHNL# 555: [885L P]
1217.6
-856.9
CHNL# 553: [9L27 P]
1160.7
-1638.
CHNL# 551: [9L966 P]
3086.2
-2173.
CHNL# 549: [954L P]
97.206
-63.47
CHNL# 547: [9L20 P]
1018.8
-1352.
CHNL# 545: [398L P]
261.64
-369.8
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_26_9L59_TINCHEBRAY
FILE: Scn6_2028WP_26_9L59_Tinchebray.out
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.5602
0.05500
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.5611
0.05570
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.5498
0.05530
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_26_9L59_TINCHEBRAY
FILE: Scn6_2028WP_26_9L59_Tinchebray.out
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.6295
0.06570
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.4175
0.04830
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.5698
0.06730
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.3116
0.30530
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.4617
0.05090
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_26_9L59_TINCHEBRAY

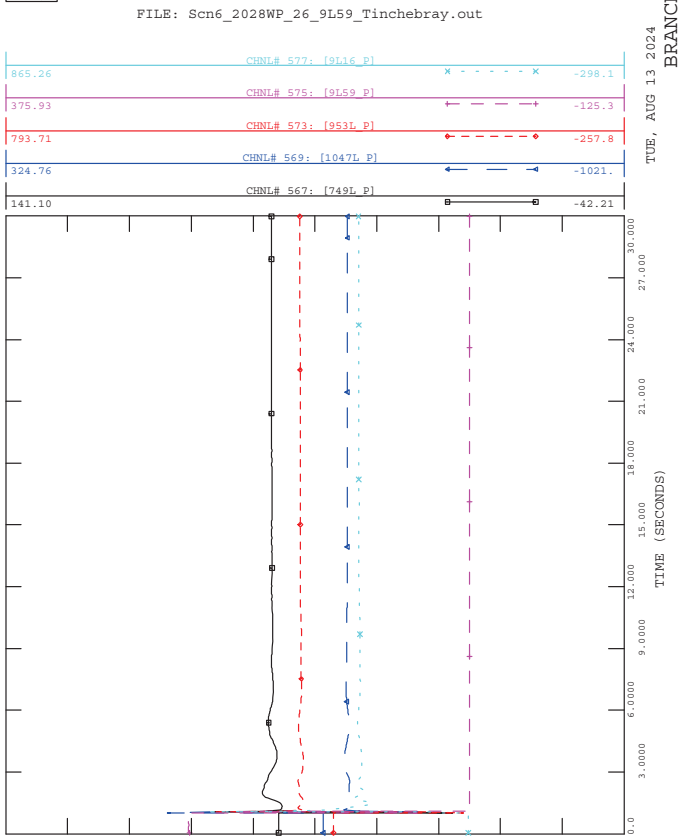
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TUE, AUG 13 2024 7:57 BRANCH P

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_26_9L59_TINCHEBRAY

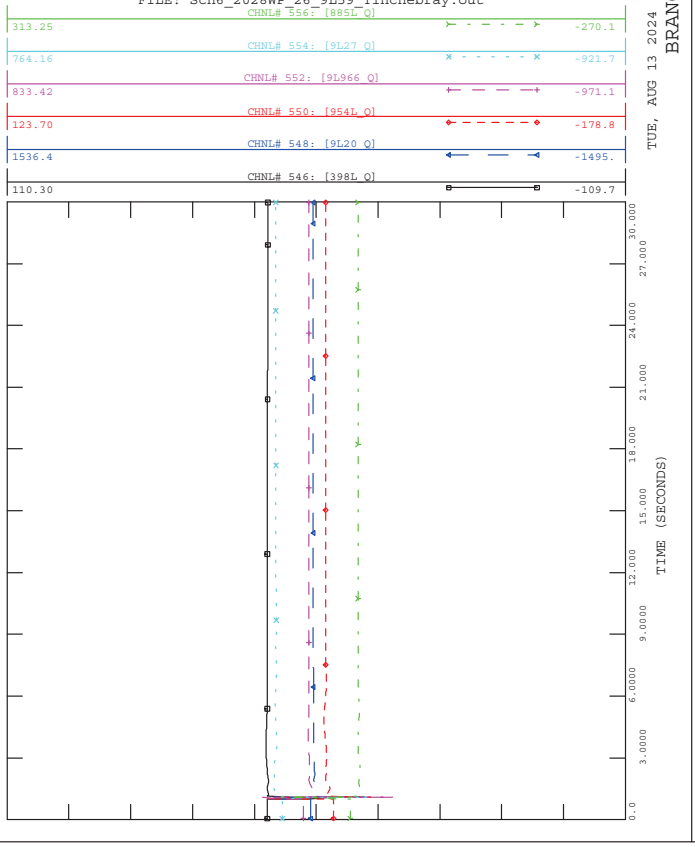
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TUE, AUG 13 2024 7:57 BRANCH P

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_26_9L59_TINCHEBRAY

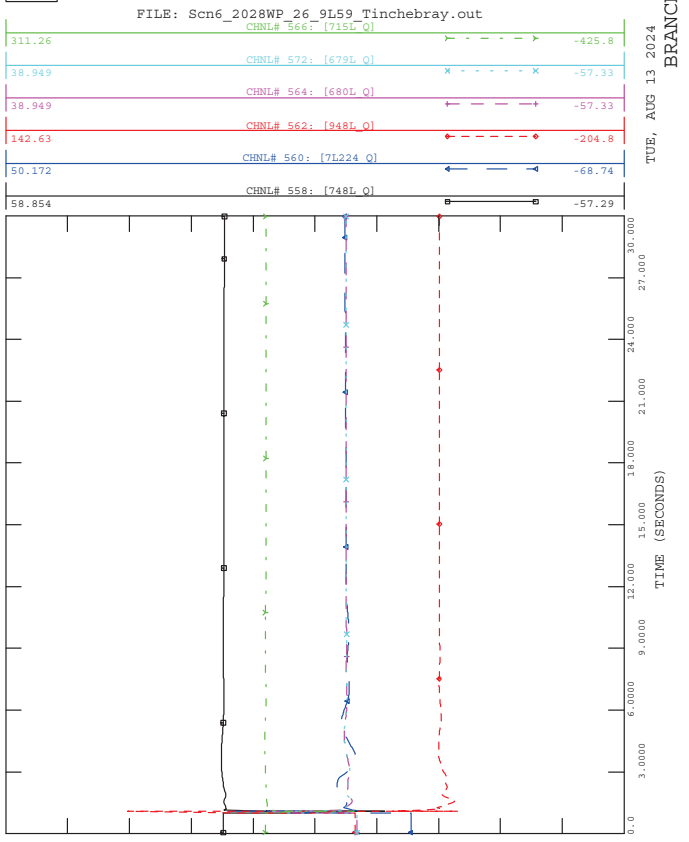
FILE: Scn6_2028WP_26_9L59_Tinchebray.out



TUE, AUG 13 2024 7:57 BRANCH Q

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_26_9L59_TINCHEBRAY

FILE: Scn6_2028WP_26_9L59_Tinchebray.out



TUE, AUG 13 2024 7:57 BRANCH Q

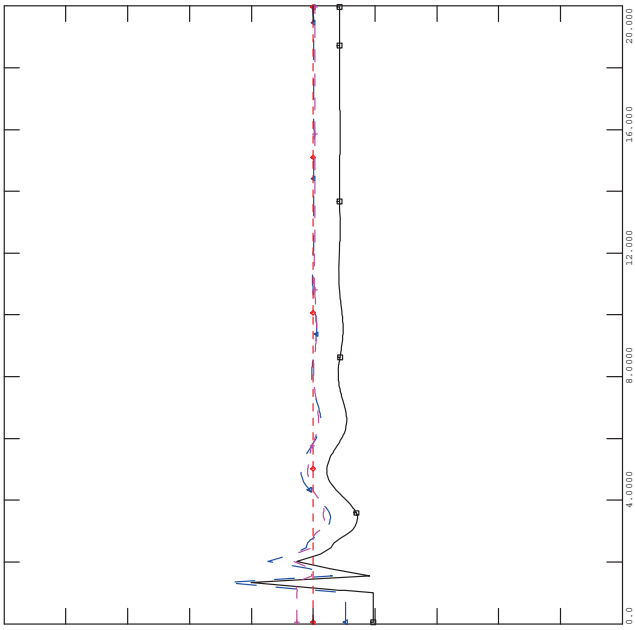
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_27_9L59_ANDERSON

FILE: Scn6_2028WP_27_9L59_Anderson.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5] 9.2118 -101.1
CHNL# 16: [ANGL 1496[BAT #4 16.000]4] 50.000 -50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2] 82.137 -60.81
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1] 79.123 -63.31



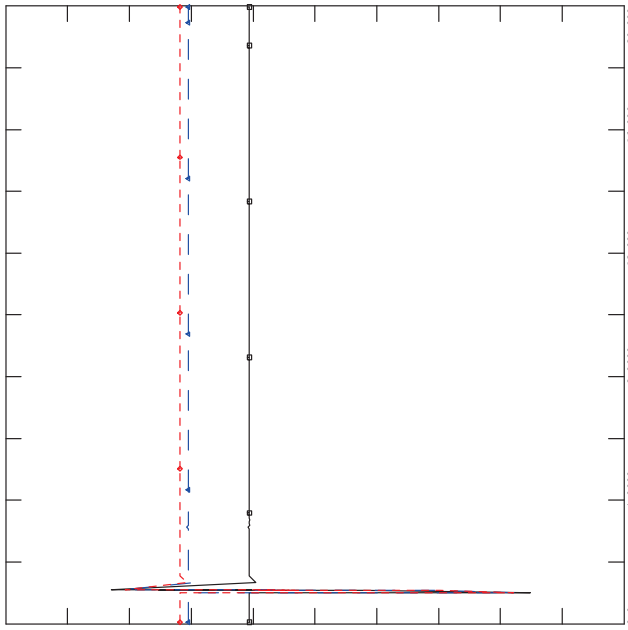
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CONTINGENCY -SCN6_2028WP_27_9L59_ANDERSON

FILE: Scn6_2028WP_27_9L59_Anderson.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1] 1.3613 0.12260
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2] 1.3829 0.12580
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3] 1.5869 0.12800



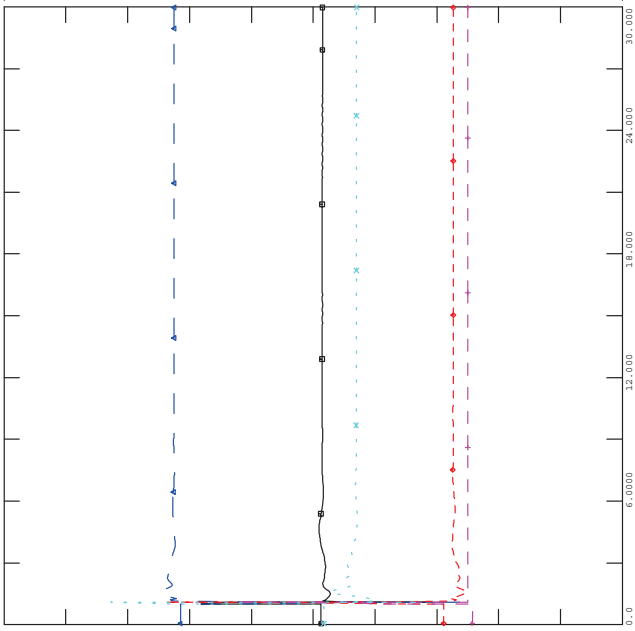
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_26_9L59_TINCHEBRAY

FILE: Scn6_2028WP_26_9L59_Tinchebray.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16 Q] 527.35 -412.6
CHNL# 576: [9L59 Q] 2372.2 -790.7
CHNL# 574: [953L Q] 438.31 -214.3
CHNL# 570: [1047L Q] 252.86 -447.2
CHNL# 568: [749L Q] 34.598 -94.35



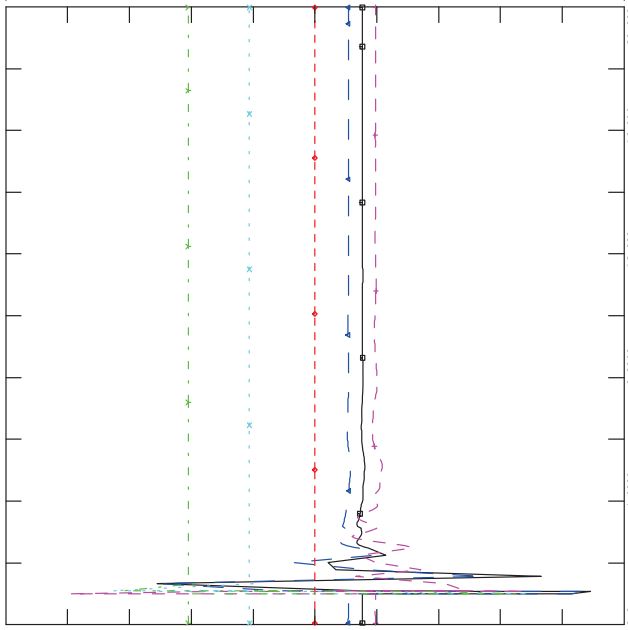
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_27_9L59_ANDERSON

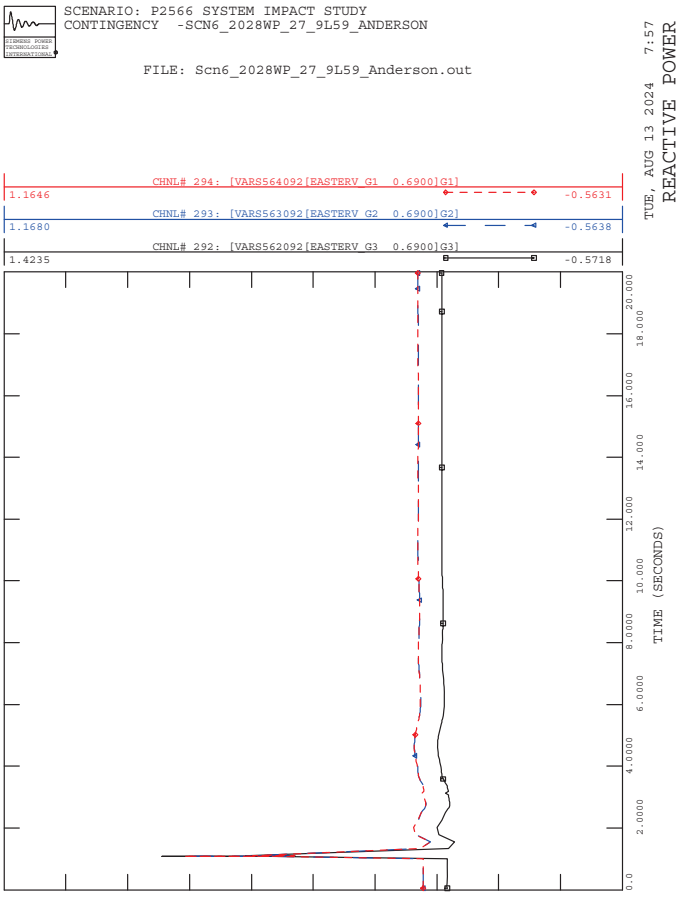
FILE: Scn6_2028WP_27_9L59_Anderson.out

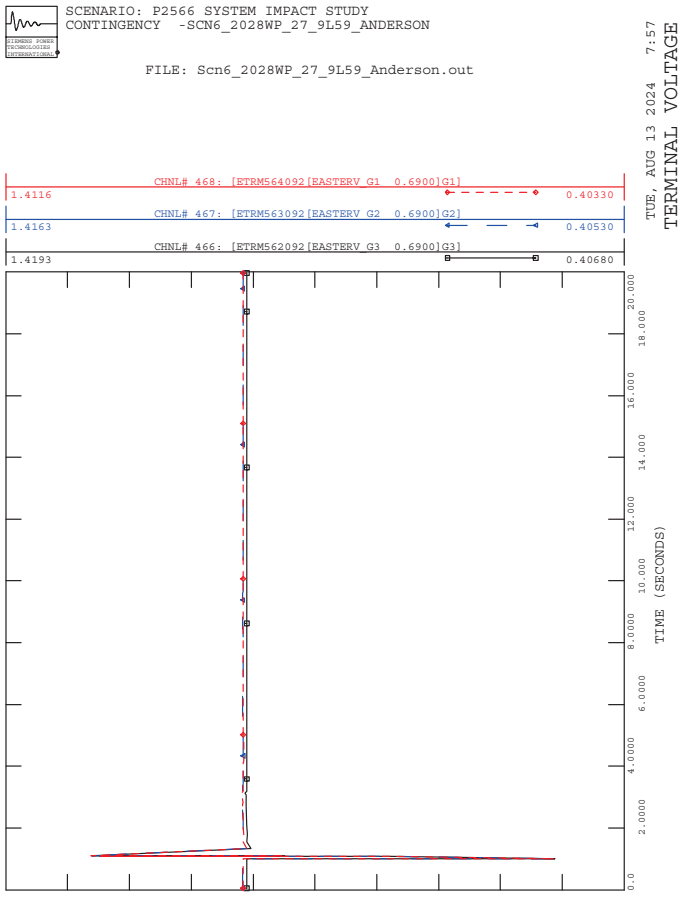
TUE, AUG 13 2024 7:57

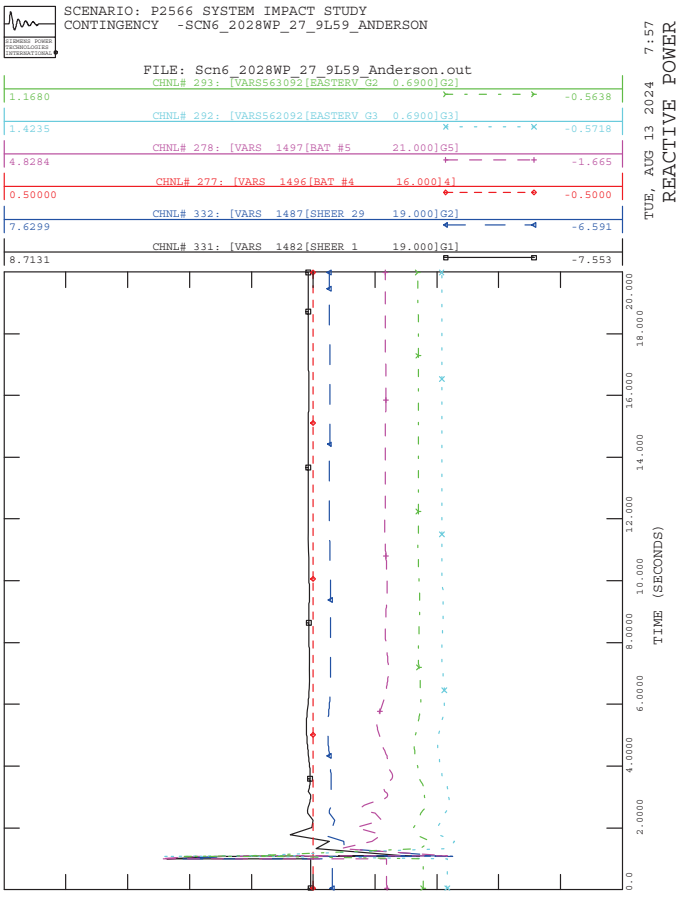
ACTIVE POWER

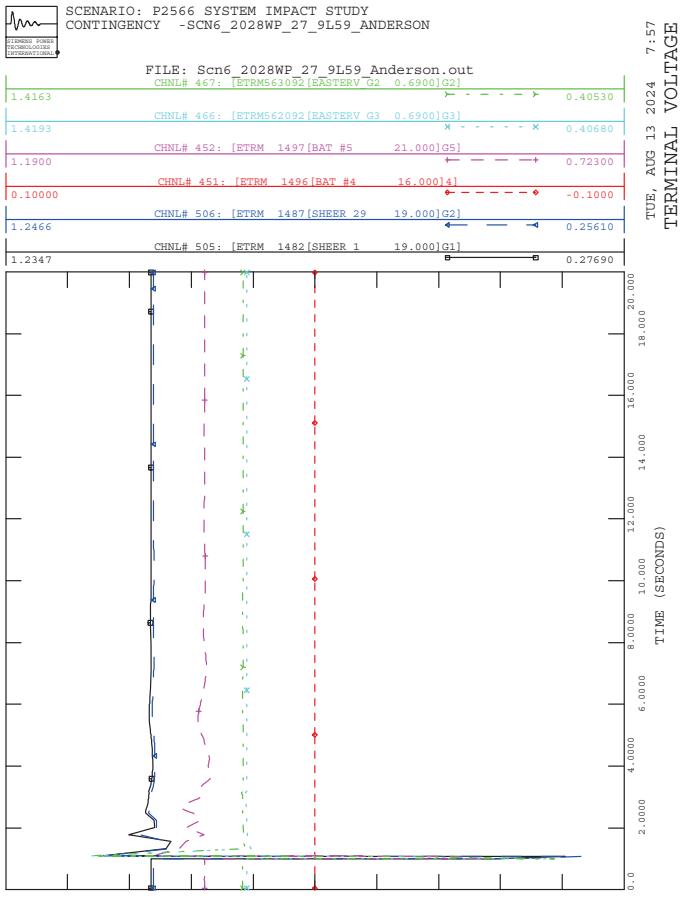
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2] 1.3829 0.12580
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3] 1.5869 0.12800
CHNL# 191: [POWR 1497[BAT #5 21.000]G5] 1.3531 -0.9107
CHNL# 190: [POWR 1496[BAT #4 16.000]4] 0.20000 -0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2] 3.2870 -0.1194
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1] 3.4719 -0.1203




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_27_9L59_ANDERSON
FILE: Scn6_2028WP_27_9L59_Anderson.out
TUE, AUG 13 2024 7:57
REACTIVE POWER
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.1646
-0.5631
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.1680
-0.5638
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.4235
-0.5718
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_27_9L59_ANDERSON
FILE: Scn6_2028WP_27_9L59_Anderson.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.4116
0.40330
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4163
0.40530
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4193
0.40680
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_27_9L59_ANDERSON
FILE: Scn6_2028WP_27_9L59_Anderson.out
TUE, AUG 13 2024 7:57
REACTIVE POWER
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.1680
-0.5638
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.4235
-0.5718
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
4.8284
-1.665
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000
-0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
7.6299
-6.591
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
8.7131
-7.553
TIME (SECONDS)
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4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

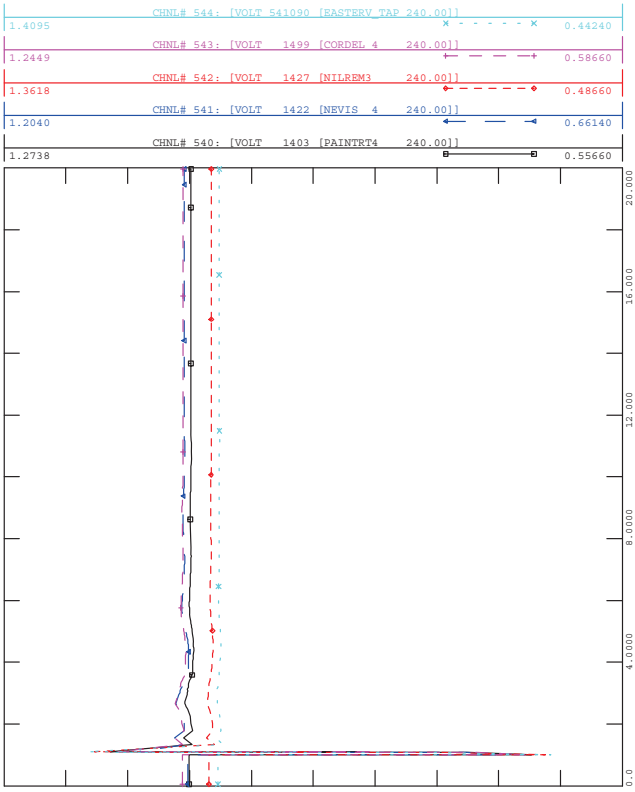

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_27_9L59_ANDERSON
FILE: Scn6_2028WP_27_9L59_Anderson.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4163
0.40530
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4193
0.40680
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.1900
0.72300
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000
-0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2466
0.25610
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.2347
0.27690
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_27_9L59_ANDERSON

FILE: Scn6_2028WP_27_9L59_Anderson.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

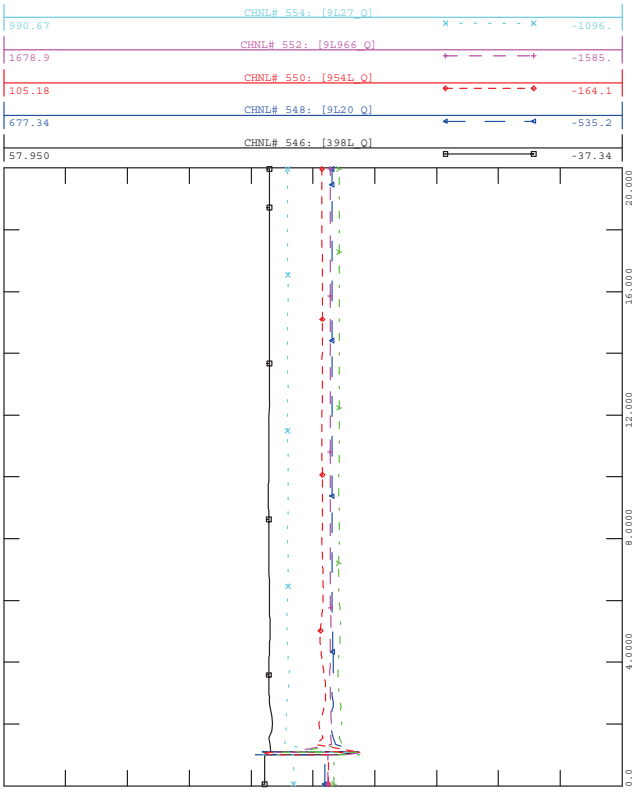


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_27_9L59_ANDERSON

FILE: Scn6_2028WP_27_9L59_Anderson.out

TUE, AUG 13 2024 7:57

BRANCH Q

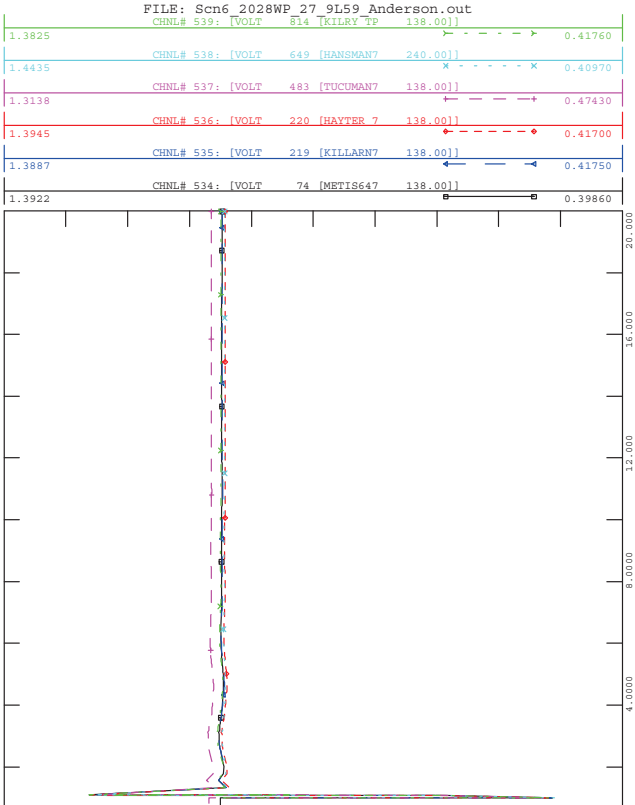


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_27_9L59_ANDERSON

FILE: Scn6_2028WP_27_9L59_Anderson.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

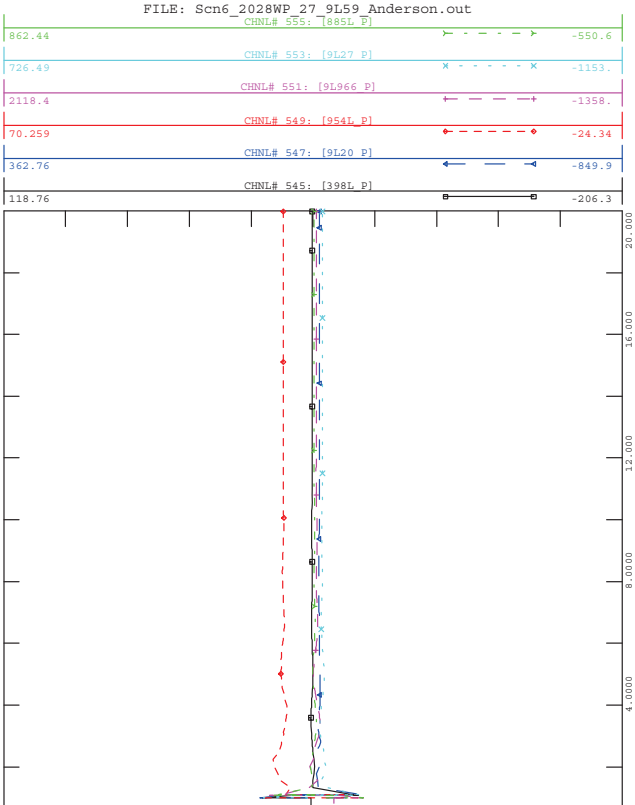


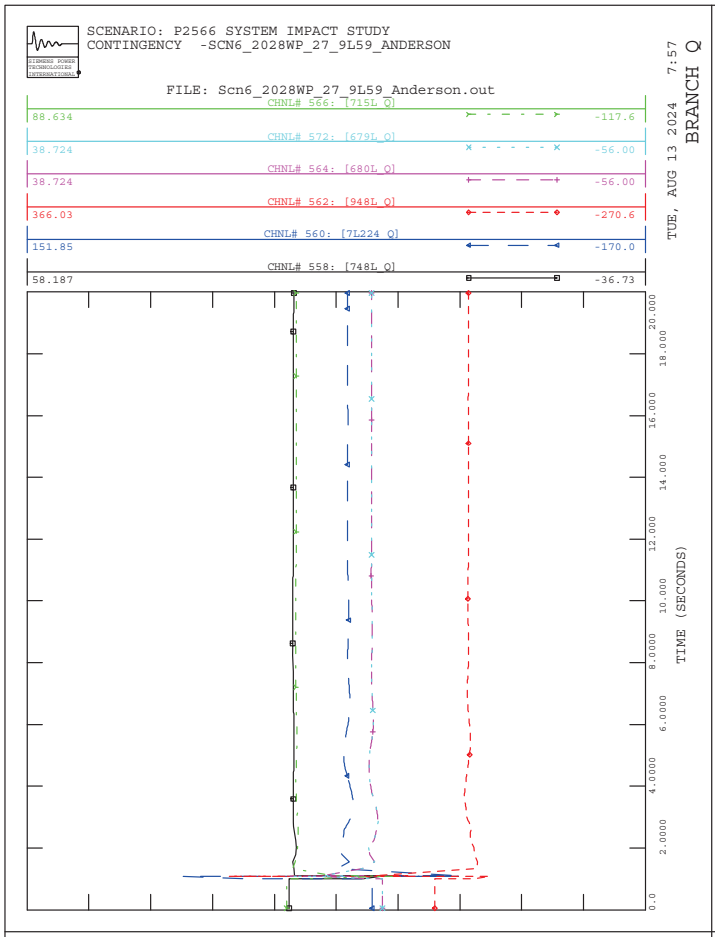
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_27_9L59_ANDERSON

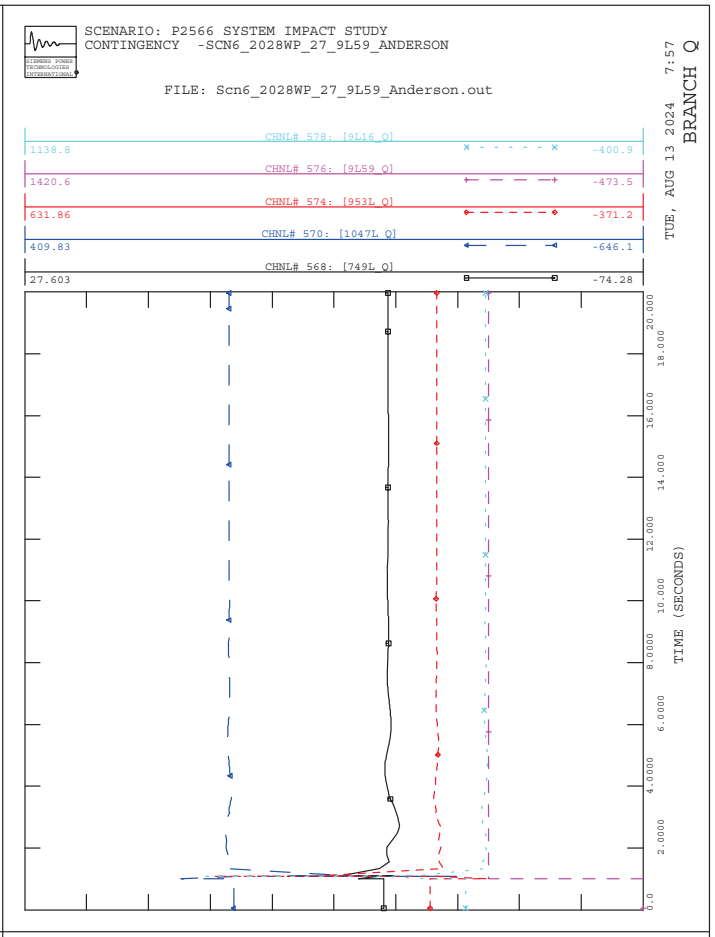
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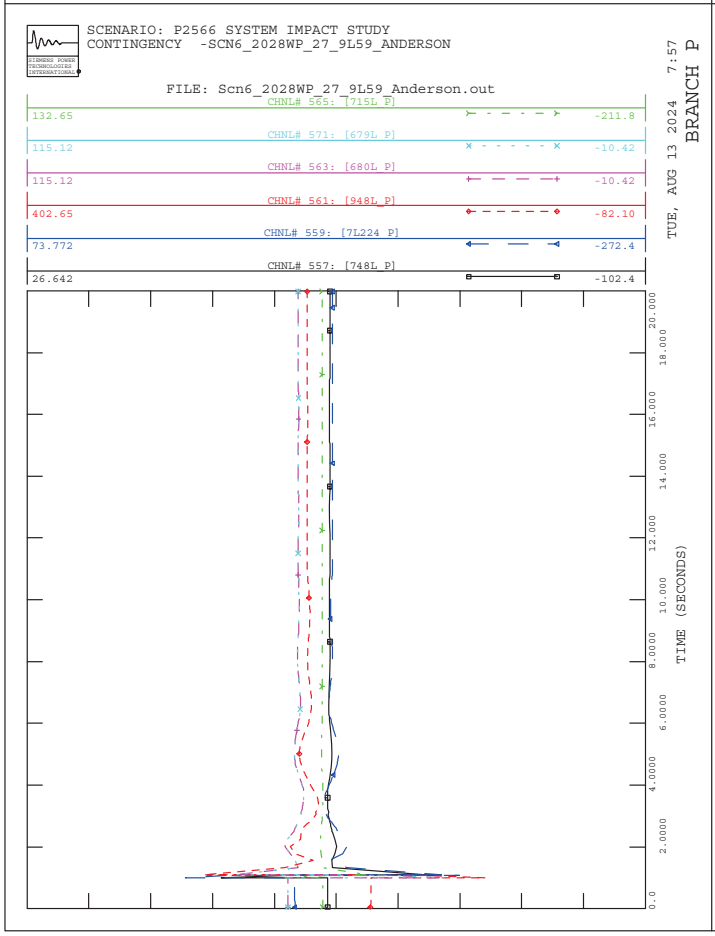
TUE, AUG 13 2024 7:57

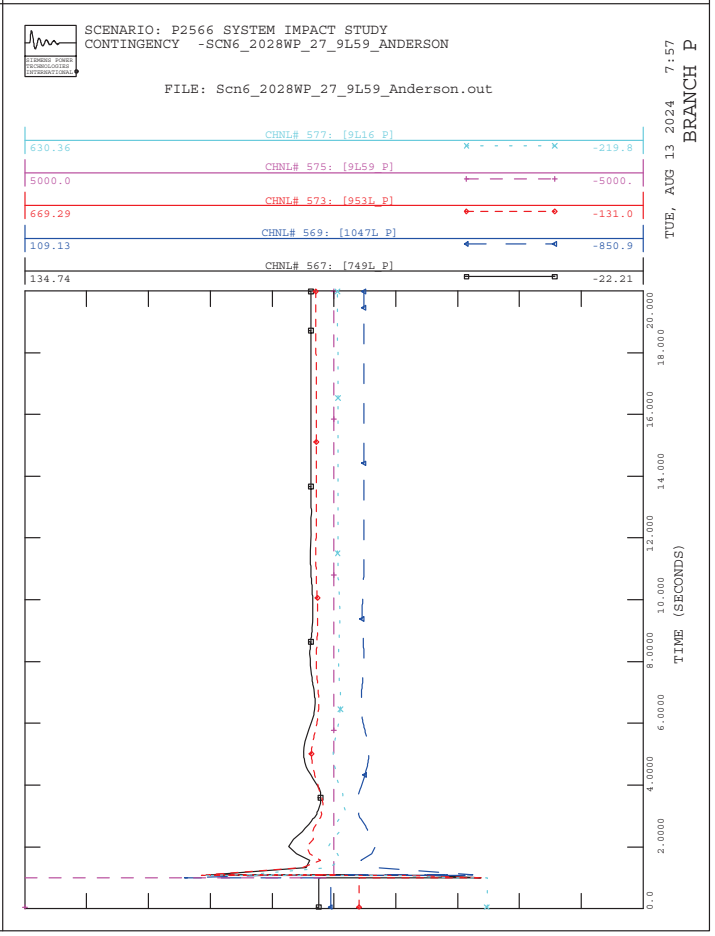
BRANCH P




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_27_9L59_ANDERSON
FILE: Scn6_2028WP_27_9L59_Anderson.out
CHNL# 566: [715L Q]
88.634
-117.6
CHNL# 572: [679L Q]
38.724
-56.00
CHNL# 564: [680L Q]
38.724
-56.00
CHNL# 562: [948L Q]
366.03
-270.6
CHNL# 560: [7L224 Q]
151.85
-170.0
CHNL# 558: [748L Q]
58.187
-36.73
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

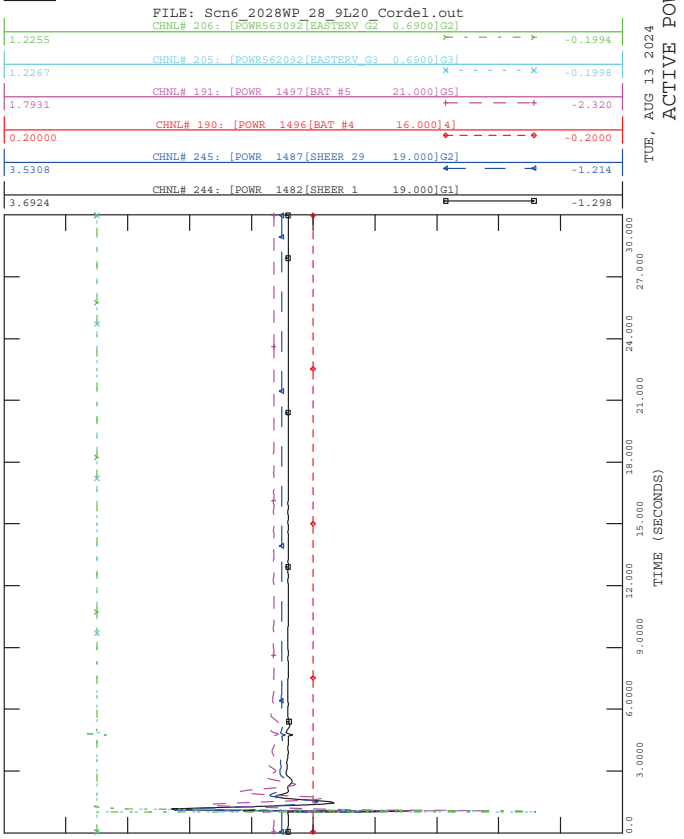

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_27_9L59_ANDERSON
FILE: Scn6_2028WP_27_9L59_Anderson.out
CHNL# 578: [9L16 Q]
1138.8
-400.9
CHNL# 576: [9L59 Q]
1420.6
-473.5
CHNL# 574: [953L Q]
631.86
-371.2
CHNL# 570: [1047L Q]
409.83
-646.1
CHNL# 568: [749L Q]
27.603
-74.28
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_27_9L59_ANDERSON
FILE: Scn6_2028WP_27_9L59_Anderson.out
CHNL# 565: [715L P]
132.65
-211.8
CHNL# 571: [679L P]
115.12
-10.42
CHNL# 563: [680L P]
115.12
-10.42
CHNL# 561: [948L P]
402.65
-82.10
CHNL# 559: [7L224 P]
73.772
-272.4
CHNL# 557: [748L P]
26.642
-102.4
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_27_9L59_ANDERSON
FILE: Scn6_2028WP_27_9L59_Anderson.out
CHNL# 577: [9L16 P]
630.36
-219.8
CHNL# 575: [9L59 P]
5000.0
-5000.
CHNL# 573: [953L P]
669.29
-131.0
CHNL# 569: [1047L P]
109.13
-850.9
CHNL# 567: [749L P]
134.74
-22.21
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
2.0000
4.0000
6.0000
8.0000
10.000
12.000
14.000
16.000
18.000
20.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_28_9L20_CORDEL

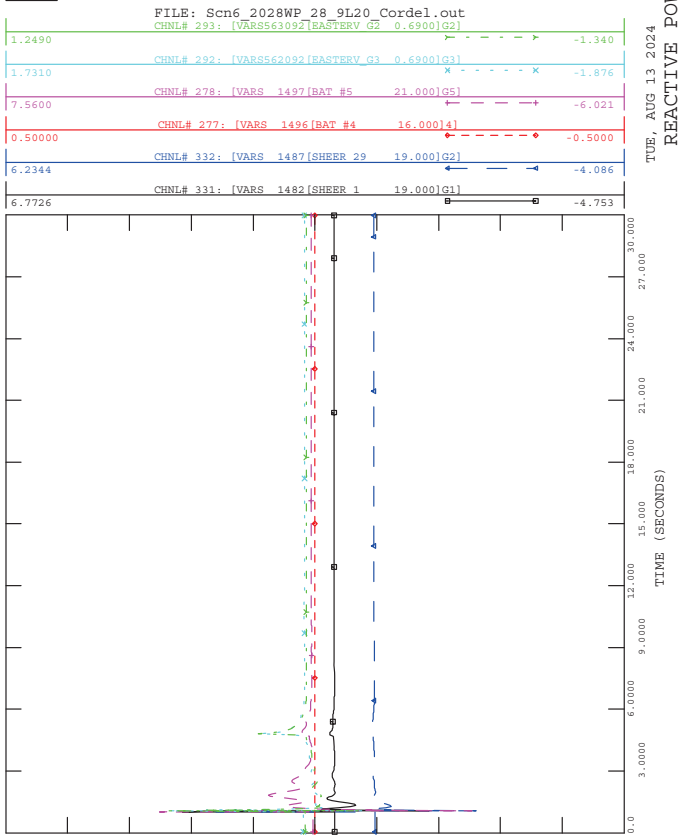
FILE: Scn6_2028WP_28_9L20_Cordel.out



TUE, AUG 13 2024 7:57
ACTIVE POWER

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_28_9L20_CORDEL

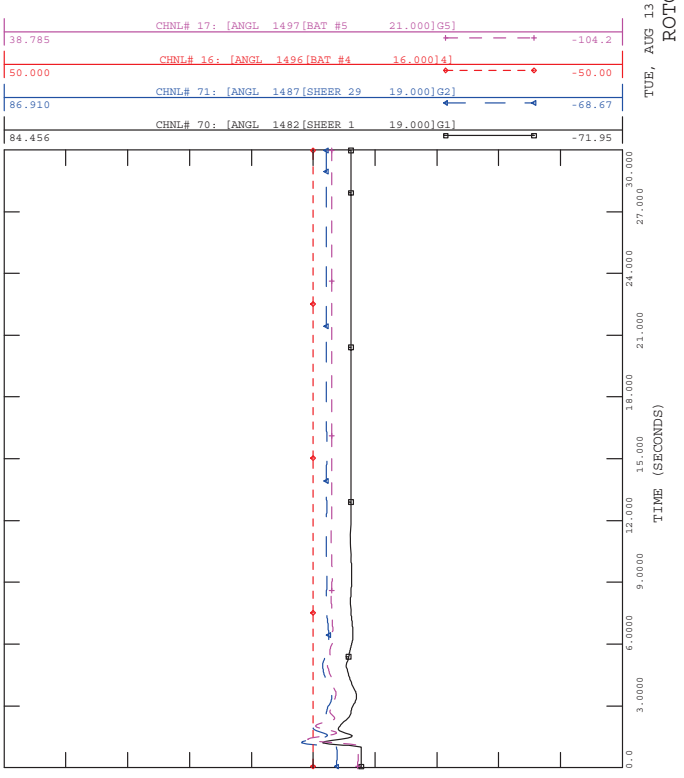
FILE: Scn6_2028WP_28_9L20_Cordel.out



TUE, AUG 13 2024 7:57
REACTIVE POWER

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_28_9L20_CORDEL

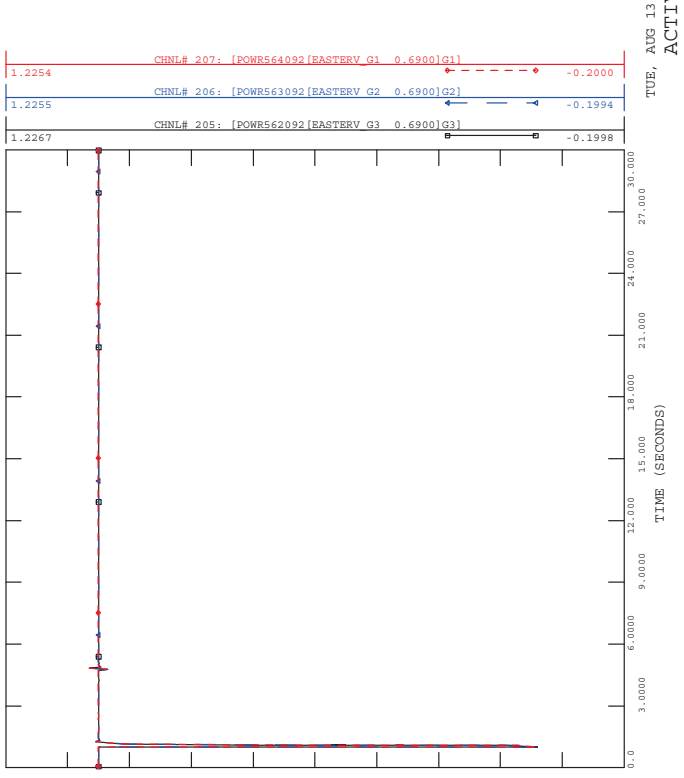
FILE: Scn6_2028WP_28_9L20_Cordel.out



TUE, AUG 13 2024 7:57
ROTOR ANGLE

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_28_9L20_CORDEL

FILE: Scn6_2028WP_28_9L20_Cordel.out



TUE, AUG 13 2024 7:57
ACTIVE POWER

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_28_9L20_CORDEL

FILE: Scn6_2028WP_28_9L20_Cordel.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4663 0.03410
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4465 0.03360
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2313 0.28180
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2614 0.64210
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.2438 0.65990

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_28_9L20_CORDEL

FILE: Scn6_2028WP_28_9L20_Cordel.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.6262 0.07390
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.6803 0.07380
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4822 0.01780
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.6773 0.06570
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.6522 0.06960
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.6246 0.07410

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_28_9L20_CORDEL

FILE: Scn6_2028WP_28_9L20_Cordel.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.2139 -1.246
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.2490 -1.340
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.7310 -1.876

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_28_9L20_CORDEL

FILE: Scn6_2028WP_28_9L20_Cordel.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.4653 0.03340
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4663 0.03410
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4465 0.03360

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_28_9L20_CORDEL

FILE: Scn6_2028WP_28_9L20_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
1111.3 -770.5

CHNL# 553: [9L27 P]
831.98 -1168.

CHNL# 551: [9L966 P]
2122.9 -1471.

CHNL# 549: [954L P]
125.19 -80.26

CHNL# 547: [9L20 P]
835.65 -1170.

CHNL# 545: [398L P]
281.55 -399.8

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_28_9L20_CORDEL

FILE: Scn6_2028WP_28_9L20_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 565: [715L P]
383.38 -532.9

CHNL# 571: [679L_P]
119.67 -36.95

CHNL# 563: [680L P]
119.67 -36.95

CHNL# 561: [948L P]
242.57 -103.8

CHNL# 559: [7L224 P]
66.978 -241.6

CHNL# 557: [748L P]
50.052 -156.8

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_28_9L20_CORDEL

FILE: Scn6_2028WP_28_9L20_Cordel.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.5954 0.04220

CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3761 -0.0881

CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.5361 0.01020

CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.1746 0.23270

CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.4296 -0.0626

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_28_9L20_CORDEL

FILE: Scn6_2028WP_28_9L20_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L Q]
506.70 -382.4

CHNL# 554: [9L27 Q]
802.17 -1090.

CHNL# 552: [9L966 Q]
737.82 -694.5

CHNL# 550: [954L_Q]
143.83 -206.6

CHNL# 548: [9L20 Q]
170.18 -121.6

CHNL# 546: [398L Q]
146.80 -153.7

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_28_9L20_CORDEL

FILE: Scn6_2028WP_28_9L20_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P] 561.45 -196.8
CHNL# 575: [9L59_P] 912.14 -213.1
CHNL# 573: [953L_P] 519.02 -165.4
CHNL# 569: [1047L_P] 238.81 -764.8
CHNL# 567: [749L_P] 143.48 -36.48

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_29_9L20_NEVIS

FILE: Scn6_2028WP_29_9L20_Nevis.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5] 46.162 -106.9
CHNL# 16: [ANGL 1496[BAT #4 16.000]4] 50.000 -50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2] 89.800 -70.51
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1] 87.911 -73.30

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_28_9L20_CORDEL

FILE: Scn6_2028WP_28_9L20_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 566: [715L_Q] 401.95 -522.8
CHNL# 572: [679L_Q] 41.066 -59.20
CHNL# 564: [680L_Q] 41.066 -59.20
CHNL# 562: [948L_Q] 189.83 -234.9
CHNL# 560: [7L224_Q] 30.601 -94.57
CHNL# 558: [748L_Q] 61.919 -67.27

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_28_9L20_CORDEL

FILE: Scn6_2028WP_28_9L20_Cordel.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16_Q] 326.98 -141.9
CHNL# 576: [9L59_Q] 732.23 -282.8
CHNL# 574: [953L_Q] 483.83 -206.0
CHNL# 570: [1047L_Q] 247.78 -477.8
CHNL# 568: [749L_Q] 42.799 -89.53

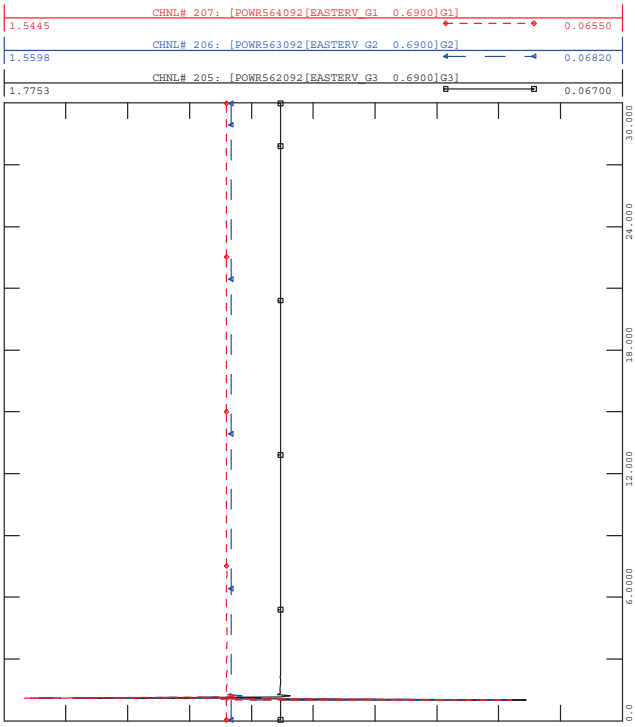
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_29_9L20_NEVIS

FILE: Scn6_2028WP_29_9L20_Nevis.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

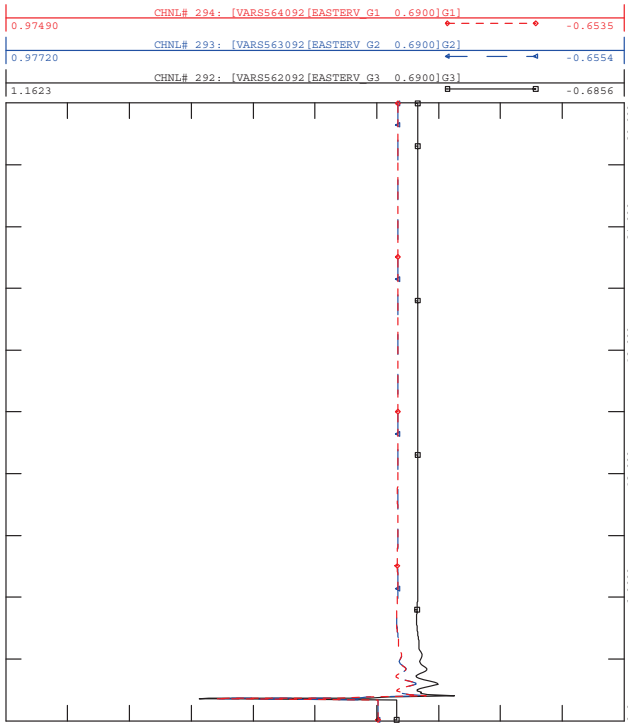


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_29_9L20_NEVIS

FILE: Scn6_2028WP_29_9L20_Nevis.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

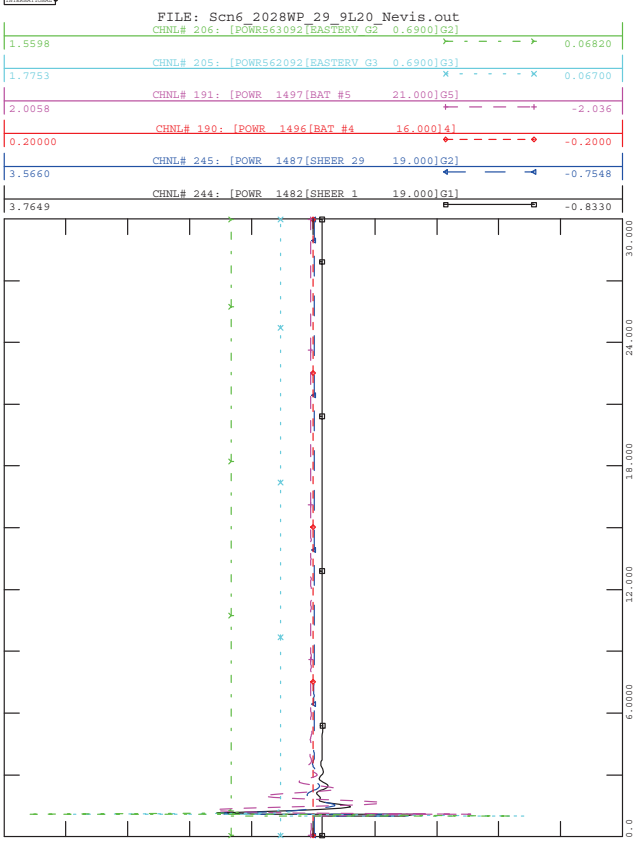


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_29_9L20_NEVIS

FILE: Scn6_2028WP_29_9L20_Nevis.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

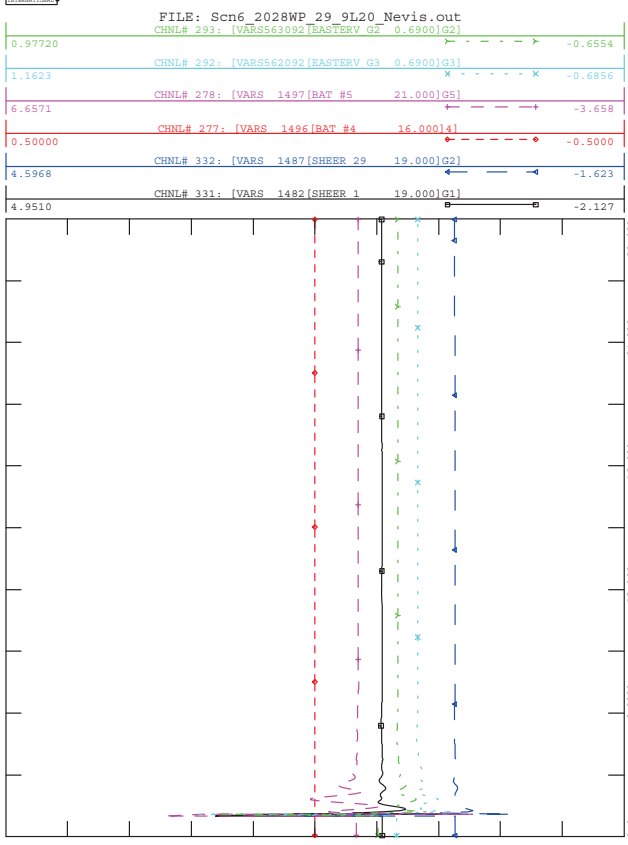


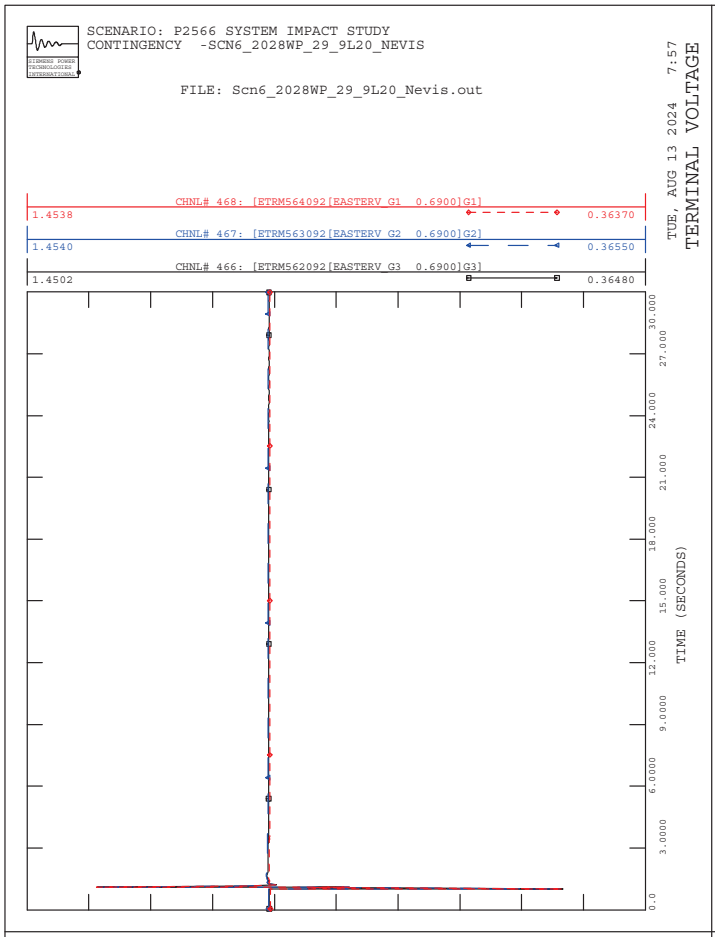
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CONTINGENCY -SCN6_2028WP_29_9L20_NEVIS

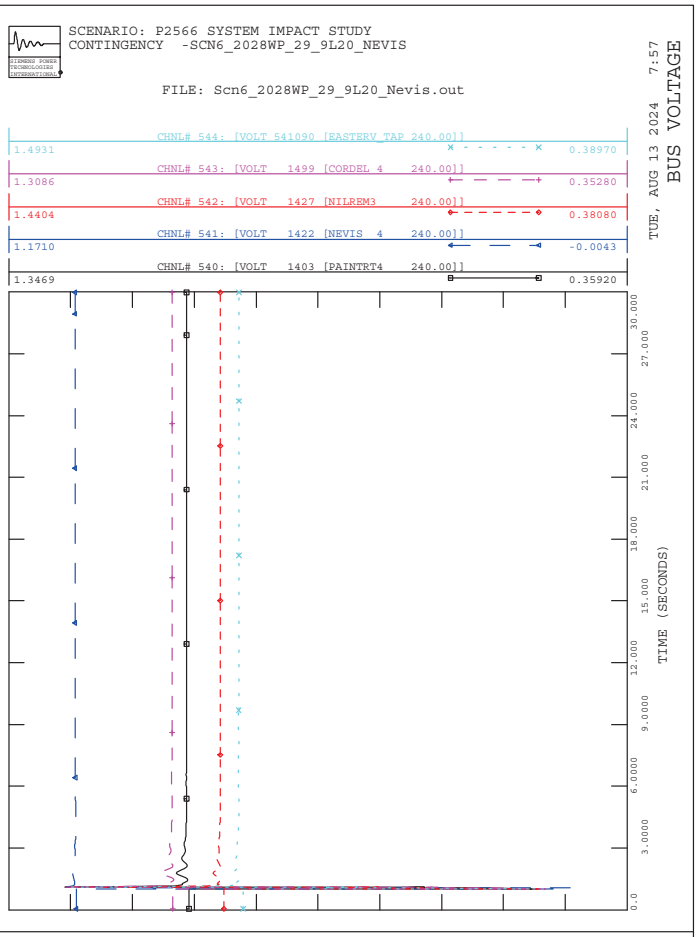
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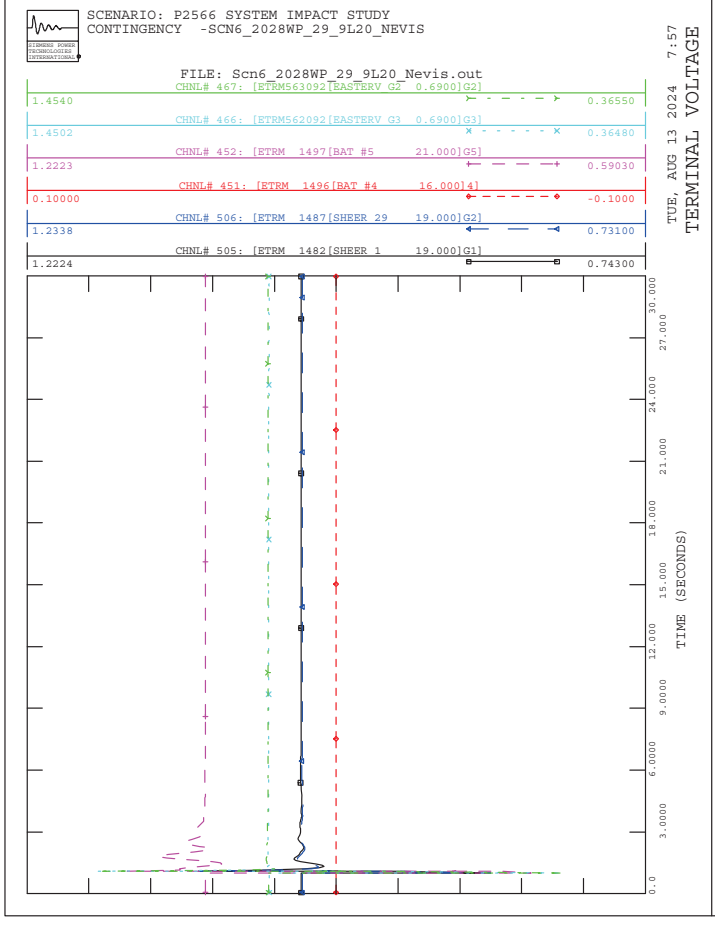
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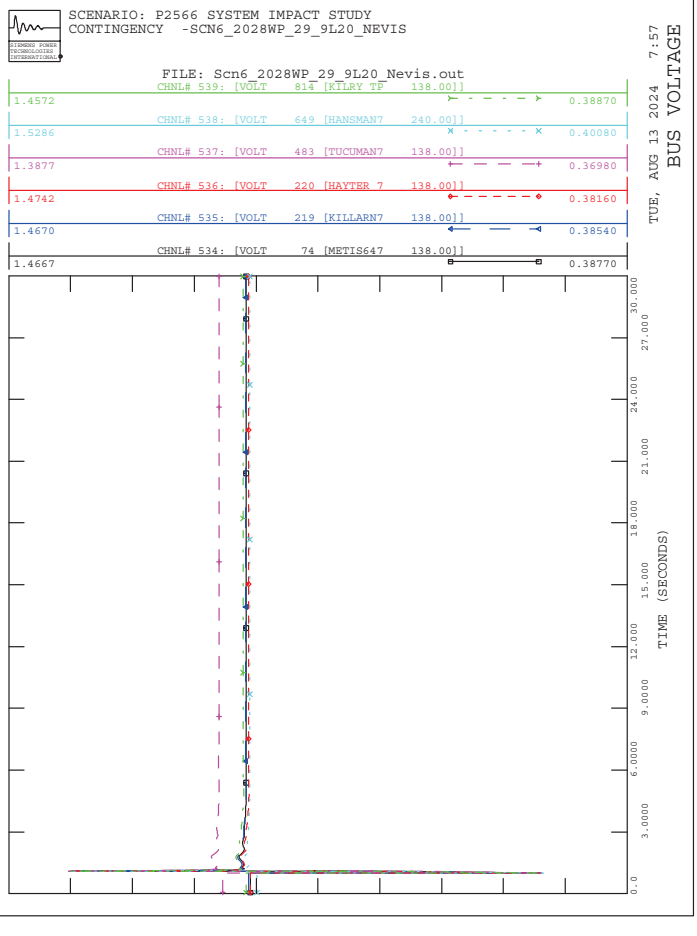
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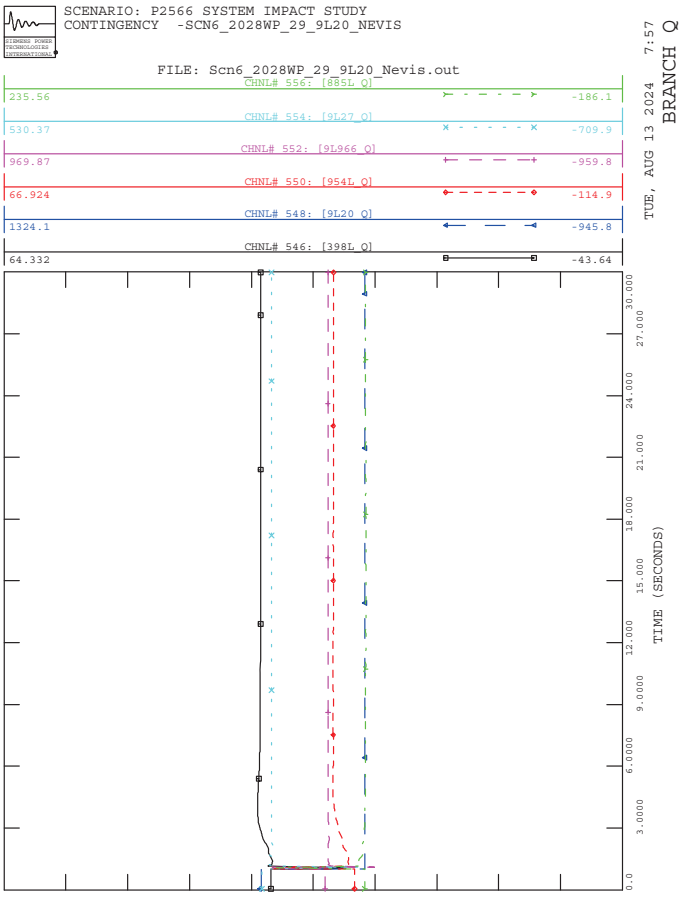


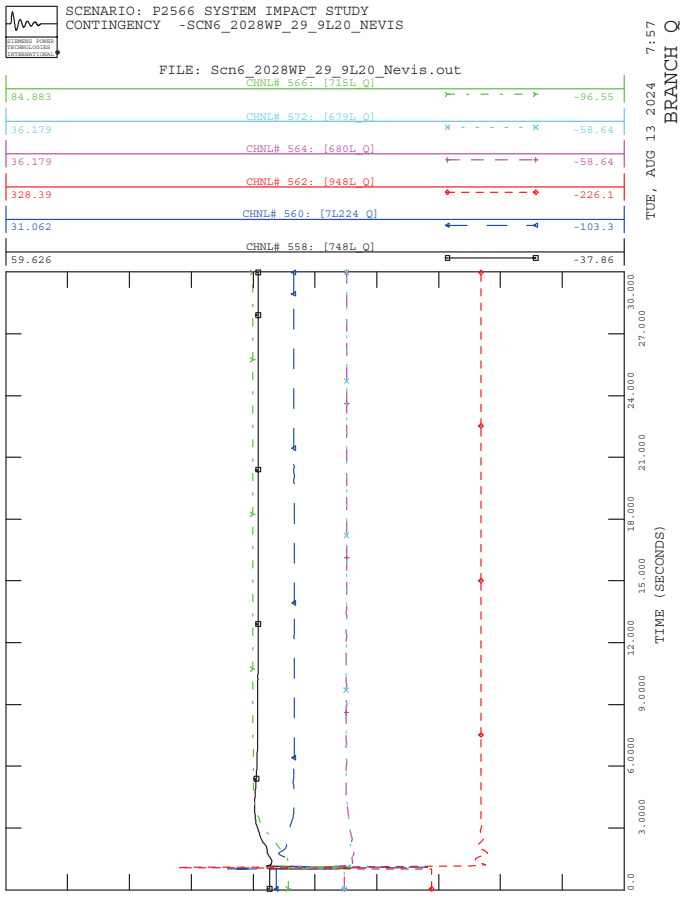

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_29_9L20_NEVIS
FILE: Scn6_2028WP_29_9L20_Nevis.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.4538
0.36370
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4540
0.36550
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4502
0.36480
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)

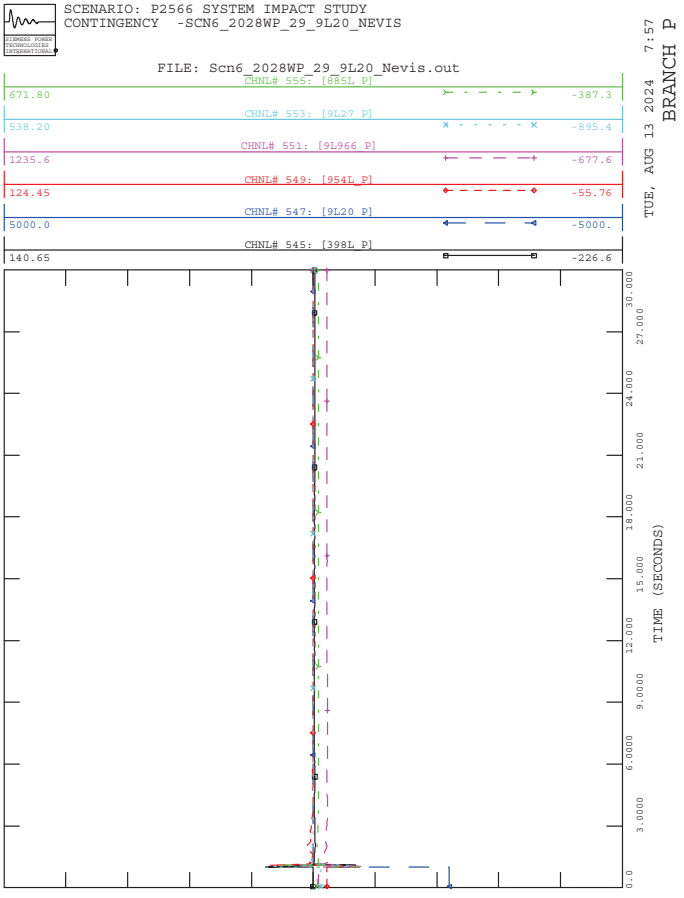

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_29_9L20_NEVIS
FILE: Scn6_2028WP_29_9L20_Nevis.out
TUE, AUG 13 2024 7:57
BUS VOLTAGE
CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.4931
0.38970
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3086
0.35280
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4404
0.38080
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.1710
-0.0043
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3469
0.35920
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)

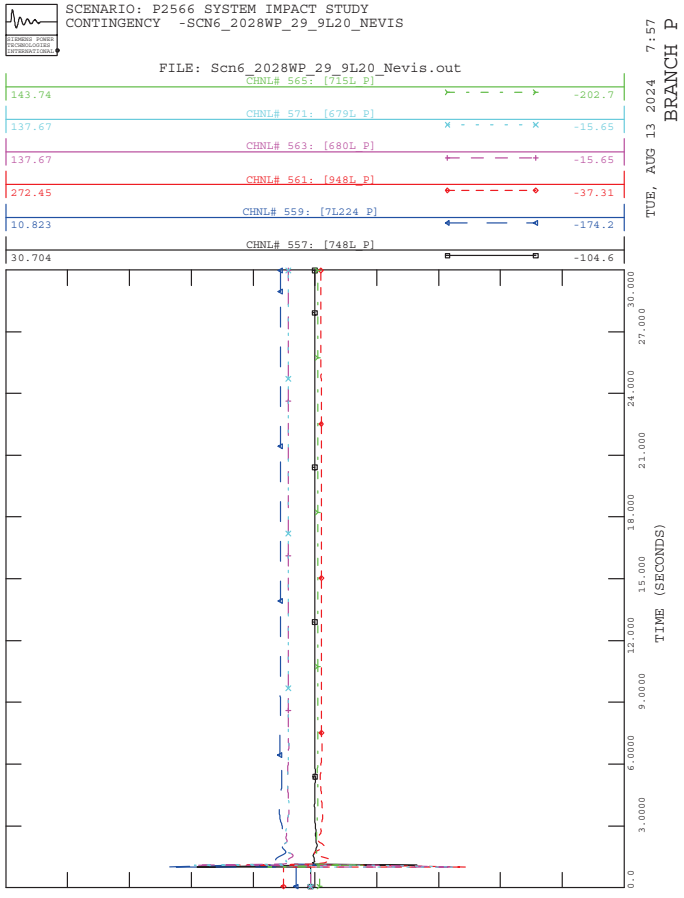

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_29_9L20_NEVIS
FILE: Scn6_2028WP_29_9L20_Nevis.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4540
0.36550
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4502
0.36480
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2223
0.59030
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000
-0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2338
0.73100
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.2224
0.74300
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_29_9L20_NEVIS
FILE: Scn6_2028WP_29_9L20_Nevis.out
TUE, AUG 13 2024 7:57
BUS VOLTAGE
CHNL# 539: [VOLT 814 [KILRY TF 138.00]]
1.4572
0.38870
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5286
0.40080
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3877
0.36980
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4742
0.38160
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4670
0.38540
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4667
0.38770
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_29_9L20_NEVIS
FILE: Scn6_2028WP_29_9L20_Nevis.out
CHNL# 556: [885L Q]
235.56
-186.1
CHNL# 554: [9L27 Q]
530.37
-709.9
CHNL# 552: [9L966 Q]
969.87
-959.8
CHNL# 550: [954L Q]
66.924
-114.9
CHNL# 548: [9L20 Q]
1324.1
-945.8
CHNL# 546: [398L Q]
64.332
-43.64
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_29_9L20_NEVIS
FILE: Scn6_2028WP_29_9L20_Nevis.out
CHNL# 566: [715L Q]
84.883
-96.55
CHNL# 572: [679L Q]
36.179
-58.64
CHNL# 564: [680L Q]
36.179
-58.64
CHNL# 562: [948L Q]
328.39
-226.1
CHNL# 560: [7L224 Q]
31.062
-103.3
CHNL# 558: [748L Q]
59.626
-37.86
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_29_9L20_NEVIS
FILE: Scn6_2028WP_29_9L20_Nevis.out
CHNL# 555: [885L P]
671.80
-387.3
CHNL# 553: [9L27 P]
538.20
-895.4
CHNL# 551: [9L966 P]
1235.6
-677.6
CHNL# 549: [954L P]
124.45
-55.76
CHNL# 547: [9L20 P]
5000.0
-5000.
CHNL# 545: [398L P]
140.65
-226.6
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
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3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

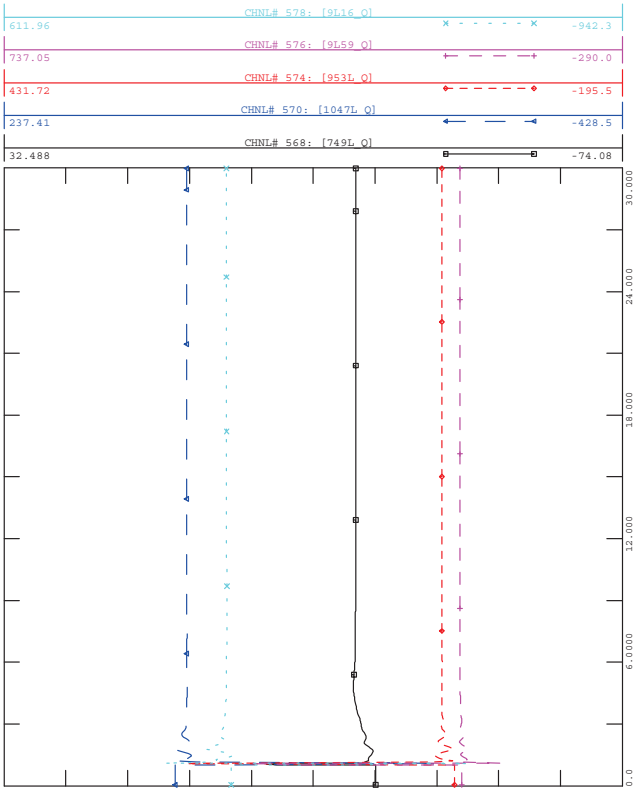

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_29_9L20_NEVIS
FILE: Scn6_2028WP_29_9L20_Nevis.out
CHNL# 565: [715L P]
143.74
-202.7
CHNL# 571: [679L P]
137.67
-15.65
CHNL# 563: [680L P]
137.67
-15.65
CHNL# 561: [948L P]
272.45
-37.31
CHNL# 559: [7L224 P]
10.823
-174.2
CHNL# 557: [748L P]
30.704
-104.6
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_29_9L20_NEVIS

FILE: Scn6_2028WP_29_9L20_Nevis.out

TUE, AUG 13 2024 7:57

BRANCH Q

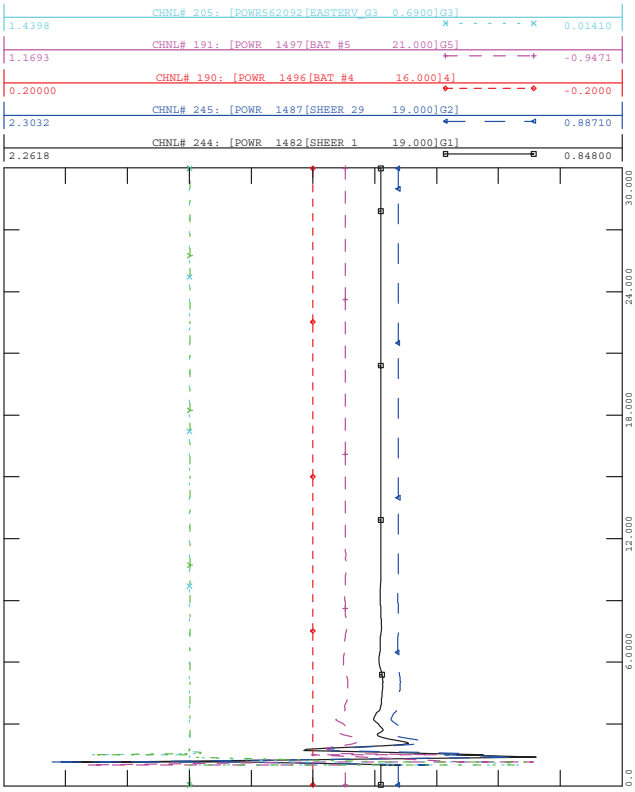


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_30_7L224_HANSMANLAKE

FILE: Scn6_2028WP_30_7L224_HansmanLake.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

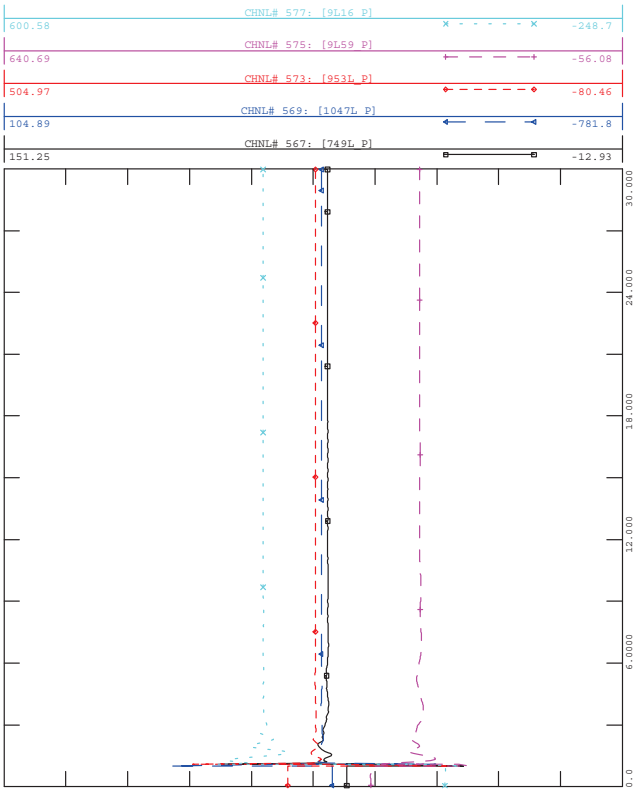


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_29_9L20_NEVIS

FILE: Scn6_2028WP_29_9L20_Nevis.out

TUE, AUG 13 2024 7:57

BRANCH P

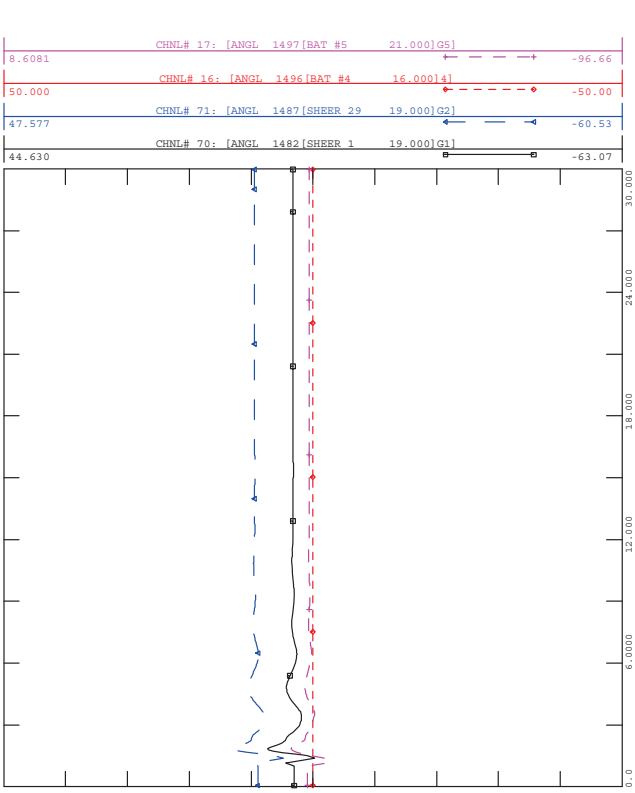


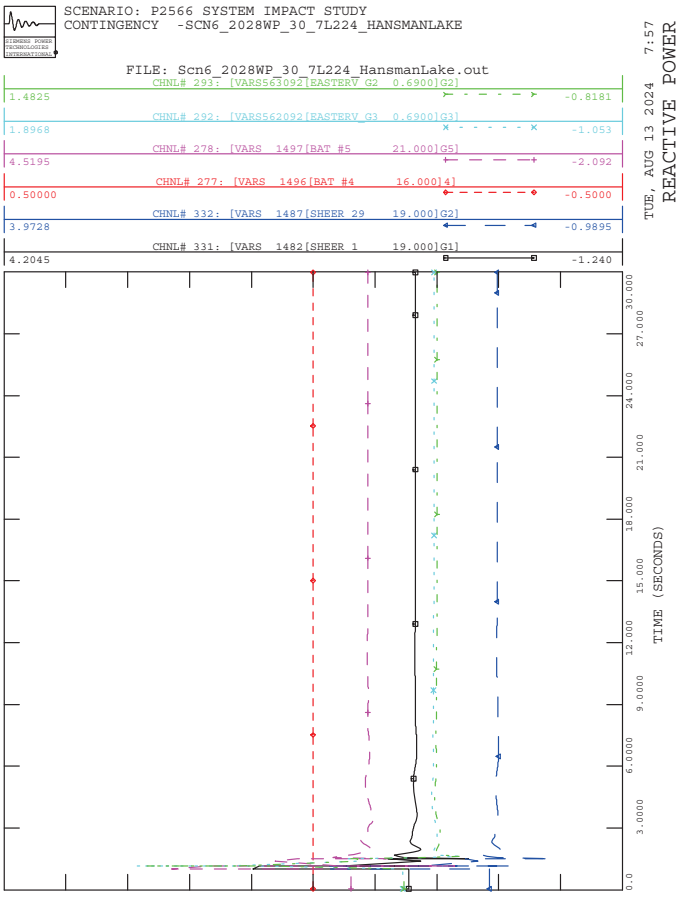
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_30_7L224_HANSMANLAKE

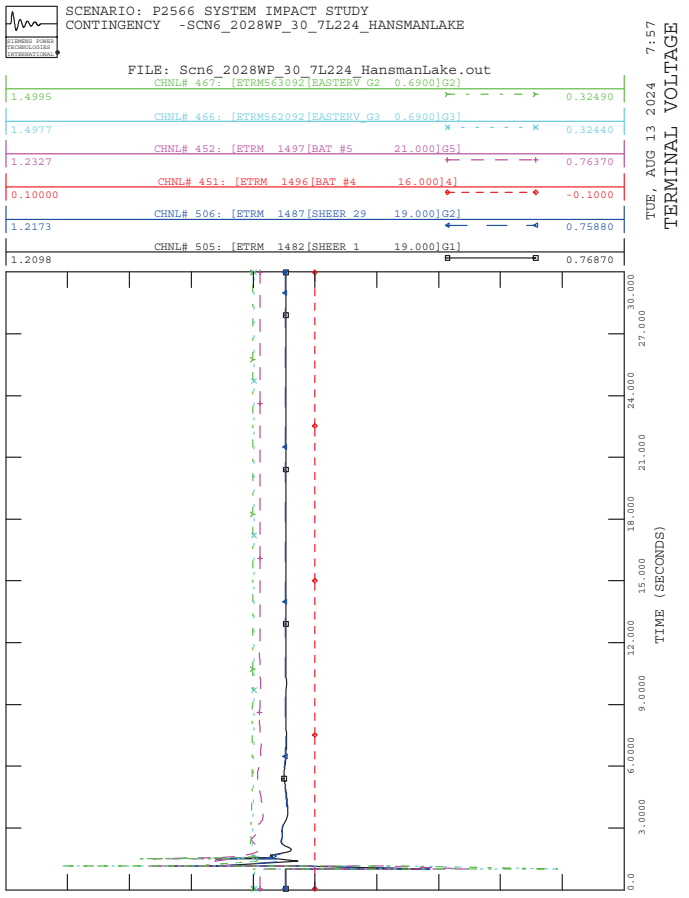
FILE: Scn6_2028WP_30_7L224_HansmanLake.out

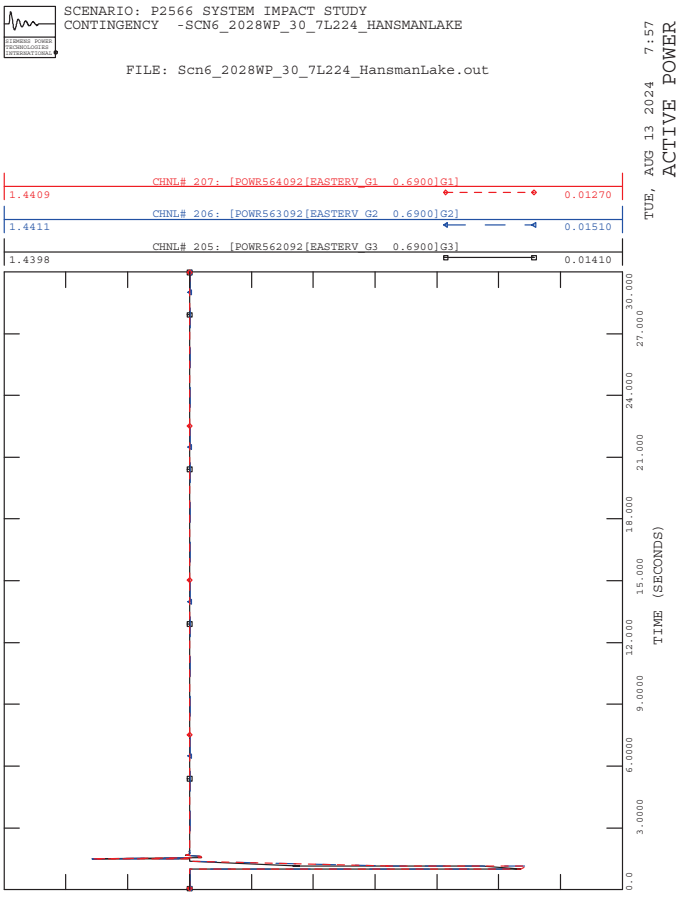
TUE, AUG 13 2024 7:57

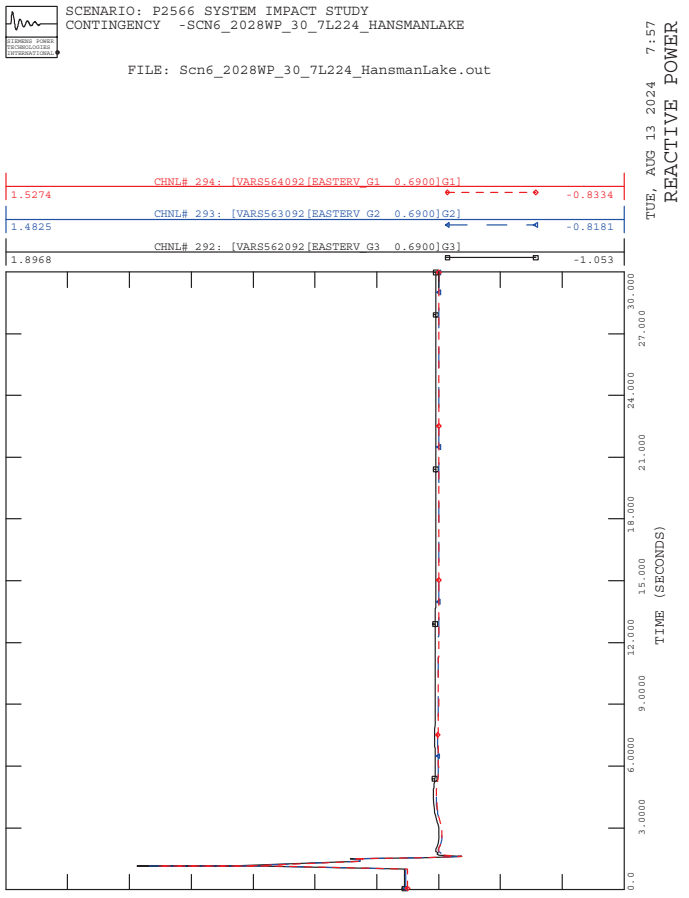
ROTOR ANGLE




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_30_7L224_HANSMANLAKE
FILE: Scn6_2028WP_30_7L224_HansmanLake.out
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.4825 -0.8181
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.8968 -1.053
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
4.5195 -2.092
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000 -0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
3.9728 -0.9895
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
4.2045 -1.240
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
REACTIVE POWER

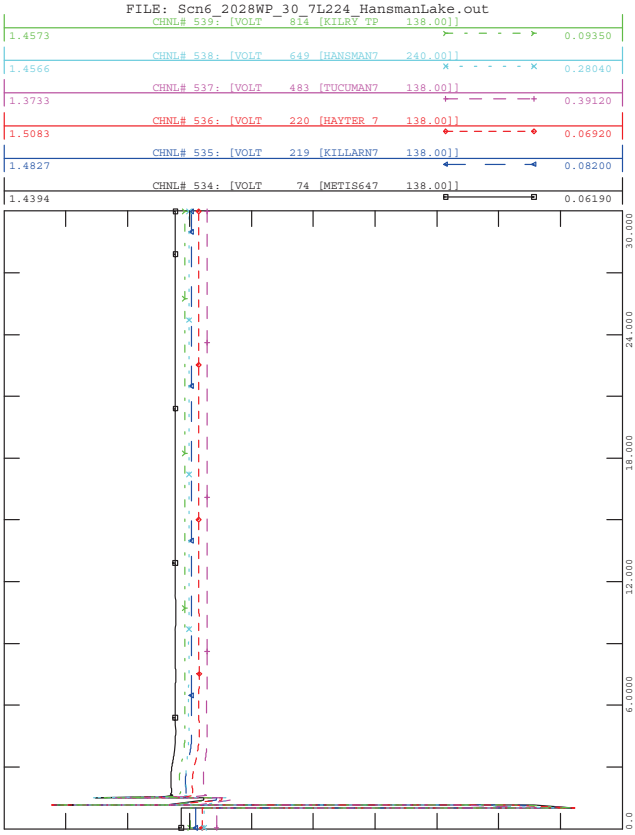

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_30_7L224_HANSMANLAKE
FILE: Scn6_2028WP_30_7L224_HansmanLake.out
CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.4995 0.32490
CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.4977 0.32440
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2327 0.76370
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2173 0.75880
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.2098 0.76870
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_30_7L224_HANSMANLAKE
FILE: Scn6_2028WP_30_7L224_HansmanLake.out
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.4409 0.01270
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.4411 0.01510
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.4398 0.01410
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
ACTIVE POWER


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_30_7L224_HANSMANLAKE
FILE: Scn6_2028WP_30_7L224_HansmanLake.out
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.5274 -0.8334
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.4825 -0.8181
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.8968 -1.053
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
REACTIVE POWER

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_30_7L224_HANSMANLAKE

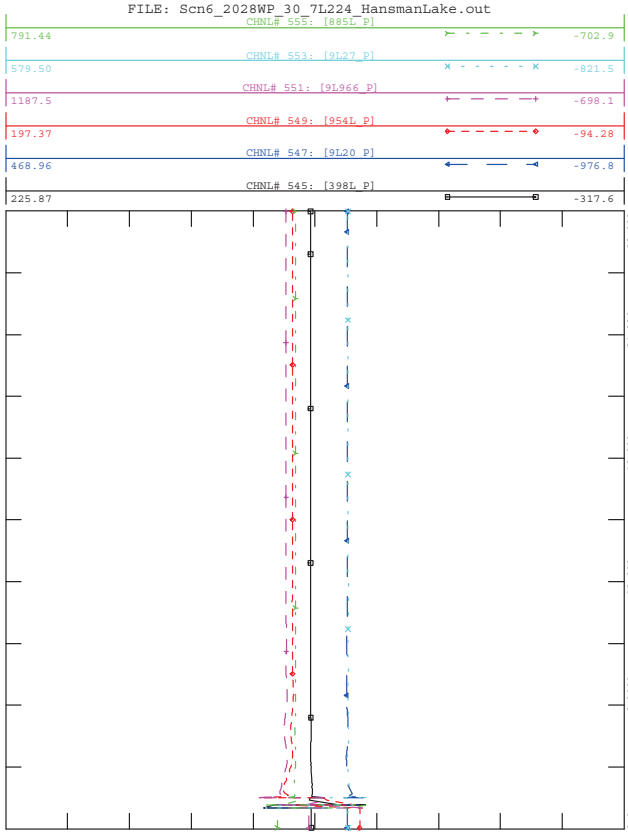
FILE: Scn6_2028WP_30_7L224_HansmanLake.out



TUE, AUG 13 2024 7:57
BUS VOLTAGE

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_30_7L224_HANSMANLAKE

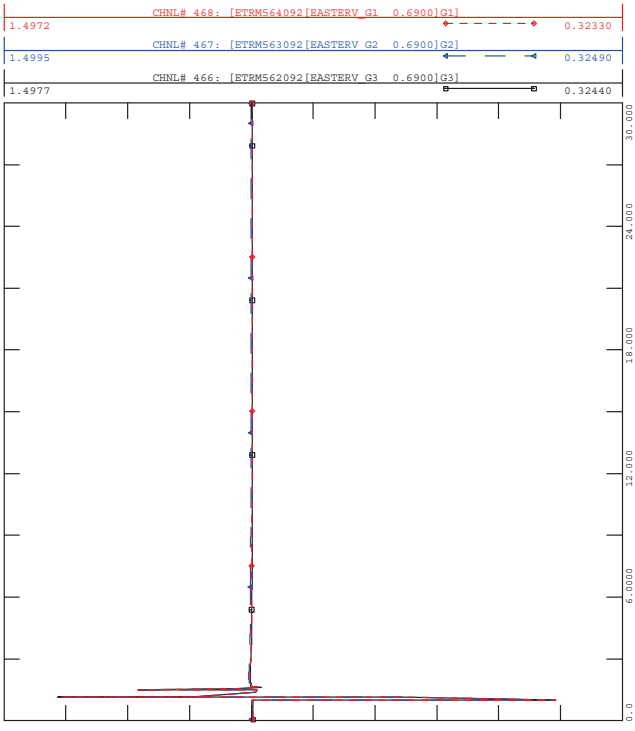
FILE: Scn6_2028WP_30_7L224_HansmanLake.out



TUE, AUG 13 2024 7:57
BRANCH P

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_30_7L224_HANSMANLAKE

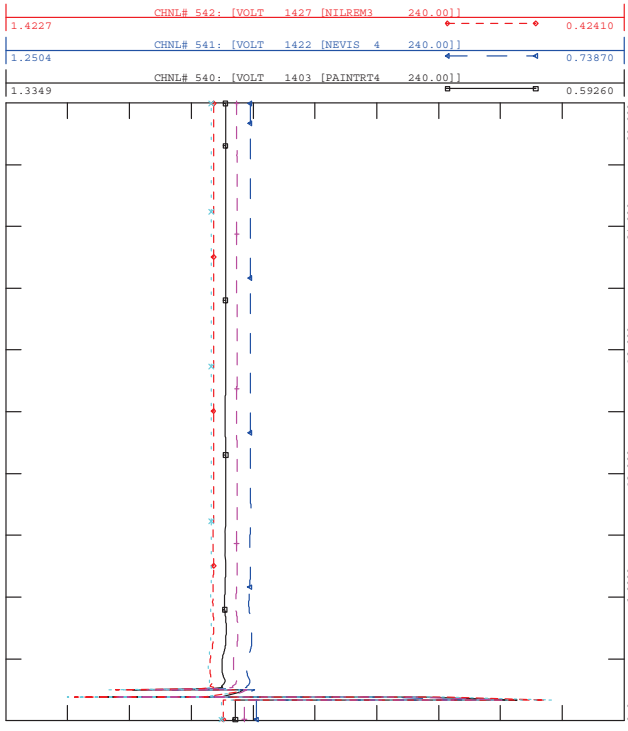
FILE: Scn6_2028WP_30_7L224_HansmanLake.out



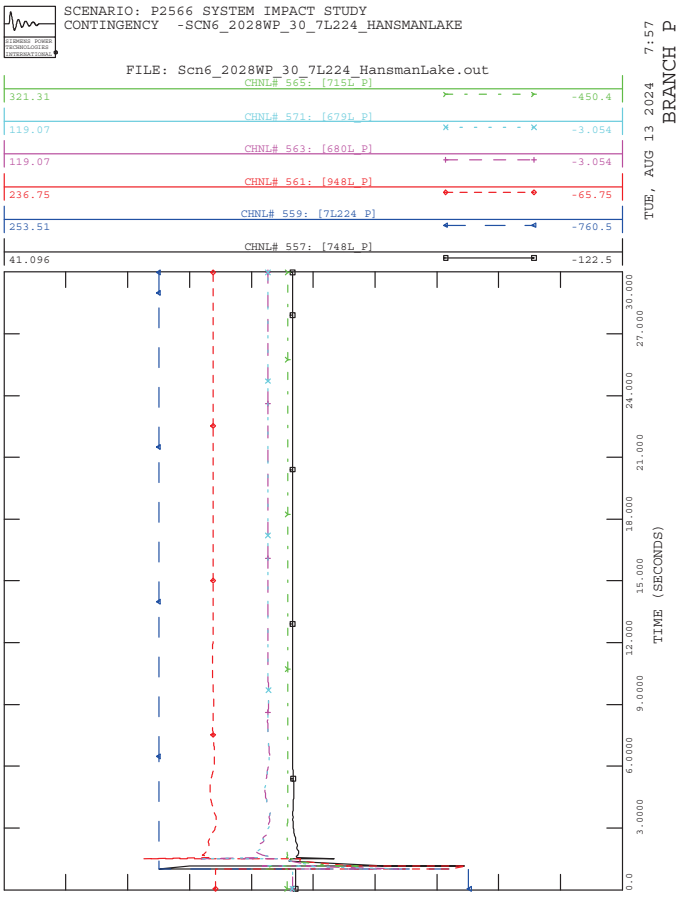
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE

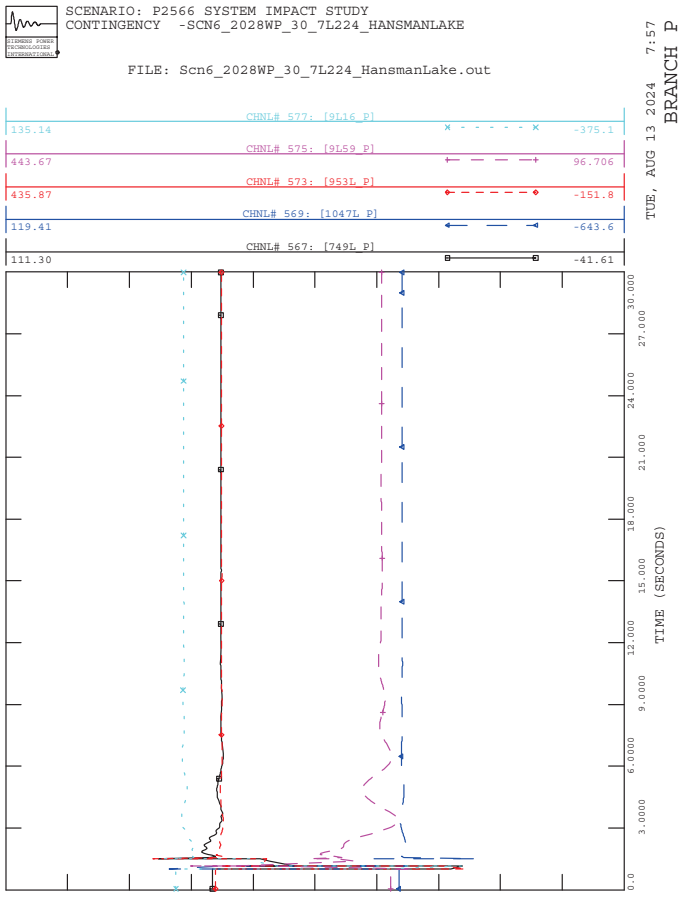
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_30_7L224_HANSMANLAKE

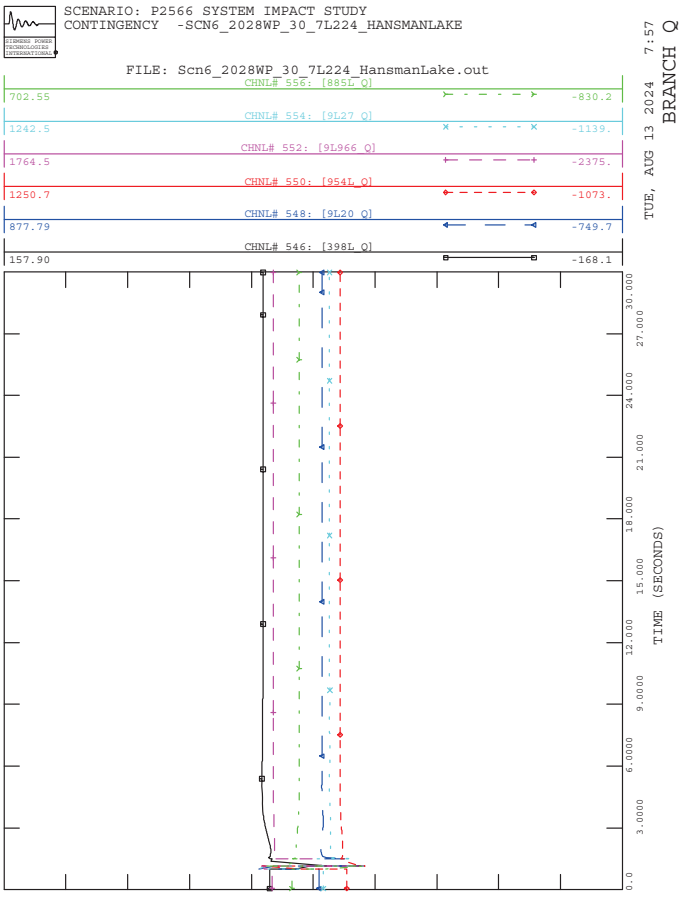
FILE: Scn6_2028WP_30_7L224_HansmanLake.out

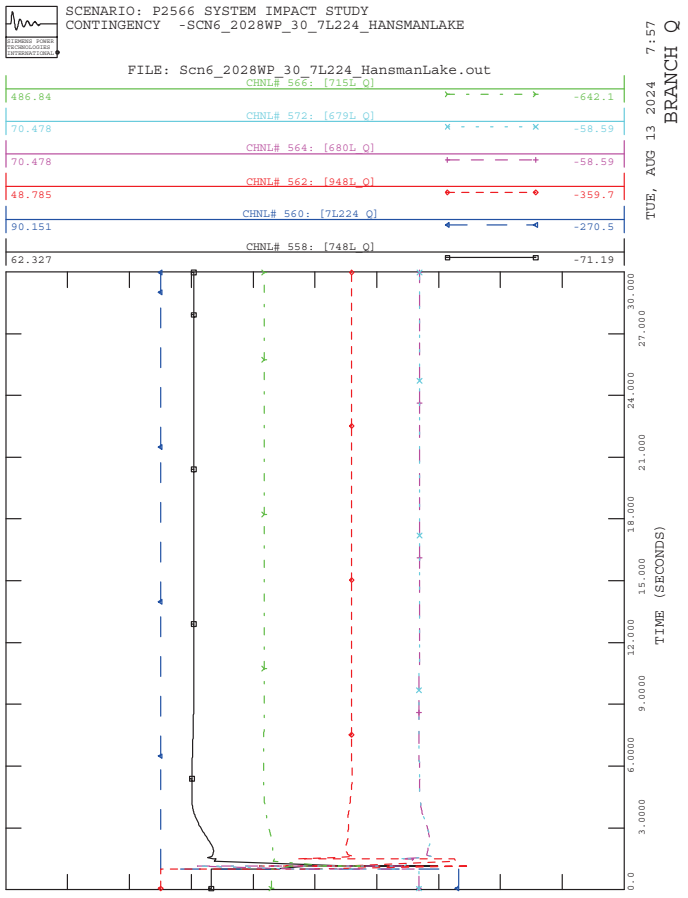


TUE, AUG 13 2024 7:57
BUS VOLTAGE


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_30_7L224_HANSMANLAKE
FILE: Scn6_2028WP_30_7L224_HansmanLake.out
CHNL# 565: [715L P]
321.31
-450.4
CHNL# 571: [679L P]
119.07
-3.054
CHNL# 563: [680L P]
119.07
-3.054
CHNL# 561: [948L P]
236.75
-65.75
CHNL# 559: [7L224 P]
253.51
-760.5
CHNL# 557: [748L P]
41.096
-122.5
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_30_7L224_HANSMANLAKE
FILE: Scn6_2028WP_30_7L224_HansmanLake.out
CHNL# 577: [9L16 P]
135.14
-375.1
CHNL# 575: [9L59 P]
443.67
96.706
CHNL# 573: [953L P]
435.87
-151.8
CHNL# 569: [1047L P]
119.41
-643.6
CHNL# 567: [749L P]
111.30
-41.61
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_30_7L224_HANSMANLAKE
FILE: Scn6_2028WP_30_7L224_HansmanLake.out
CHNL# 556: [885L Q]
702.55
-830.2
CHNL# 554: [9L27 Q]
1242.5
-1139.
CHNL# 552: [9L966 Q]
1764.5
-2375.
CHNL# 550: [954L Q]
1250.7
-1073.
CHNL# 548: [9L20 Q]
877.79
-749.7
CHNL# 546: [398L Q]
157.90
-168.1
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

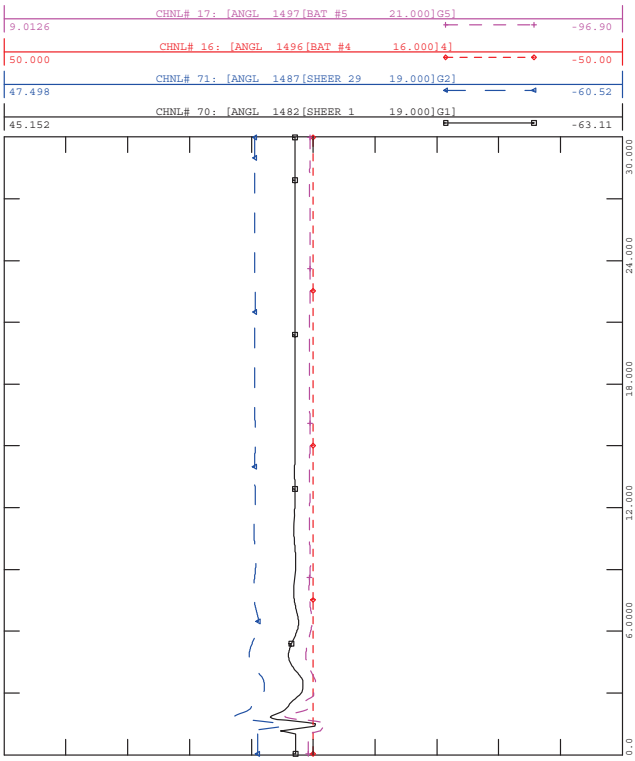

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_30_7L224_HANSMANLAKE
FILE: Scn6_2028WP_30_7L224_HansmanLake.out
CHNL# 566: [715L Q]
486.84
-642.1
CHNL# 572: [679L Q]
70.478
-58.59
CHNL# 564: [680L Q]
70.478
-58.59
CHNL# 562: [948L Q]
48.785
-359.7
CHNL# 560: [7L224 Q]
90.151
-270.5
CHNL# 558: [748L Q]
62.327
-71.19
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_31_7L224_MONITOR

FILE: Scn6_2028WP_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

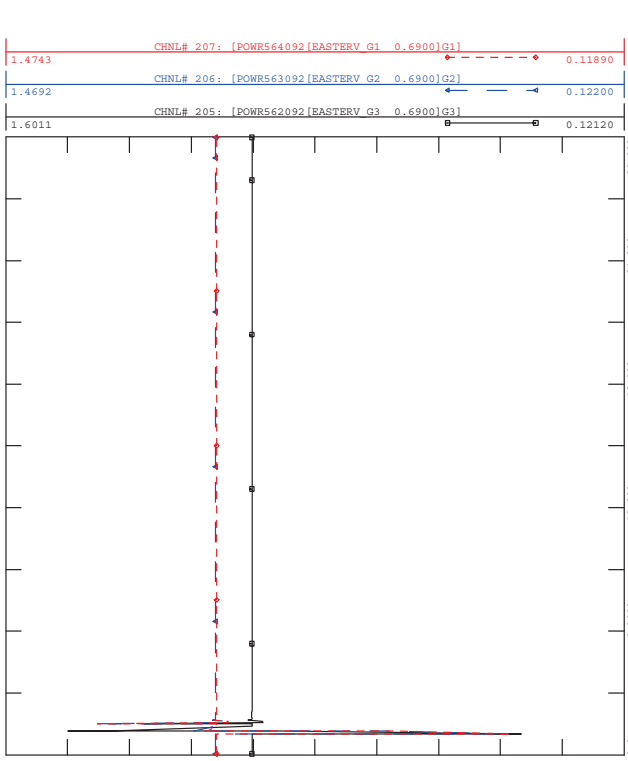


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_31_7L224_MONITOR

FILE: Scn6_2028WP_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

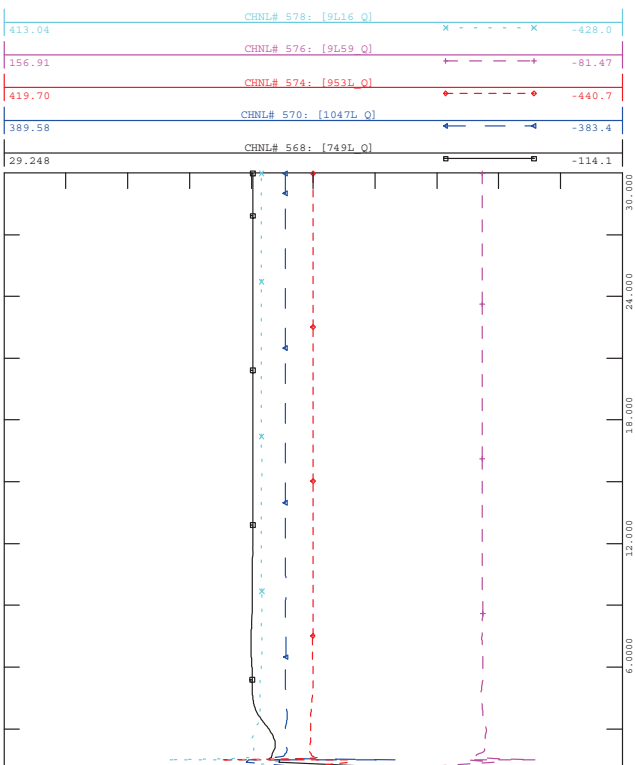


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_30_7L224_HANSMANLAKE

FILE: Scn6_2028WP_30_7L224_HansmanLake.out

TUE, AUG 13 2024 7:57

BRANCH Q

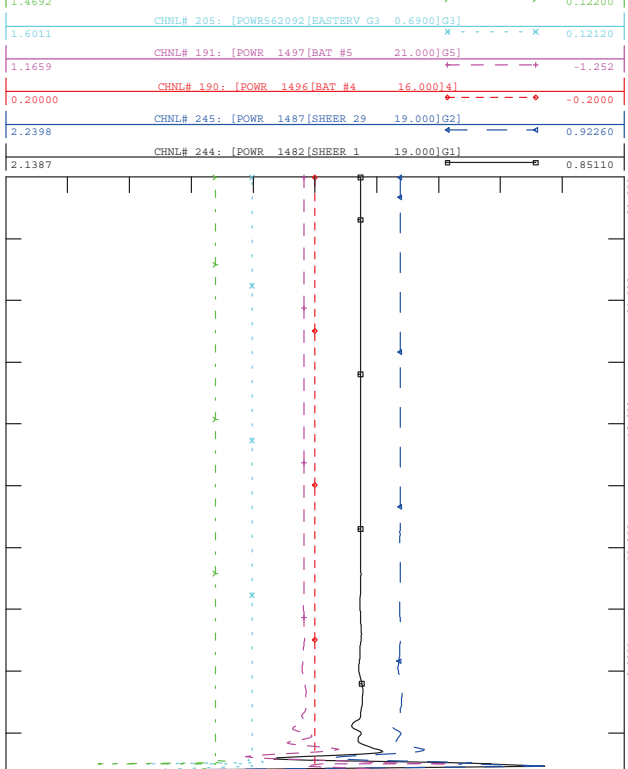


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_31_7L224_MONITOR

FILE: Scn6_2028WP_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

ACTIVE POWER



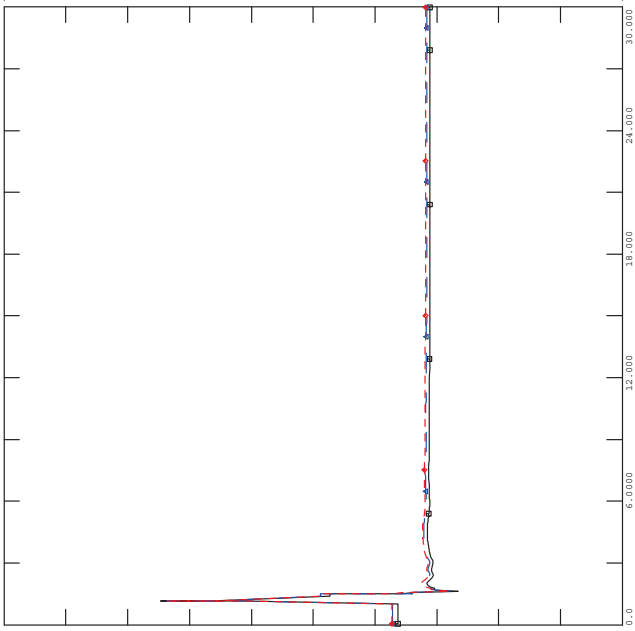
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_31_7L224_MONITOR

FILE: Scn6_2028WP_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1] 1.1936 -0.7187
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2] 1.1971 -0.7179
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3] 1.5825 -0.9101



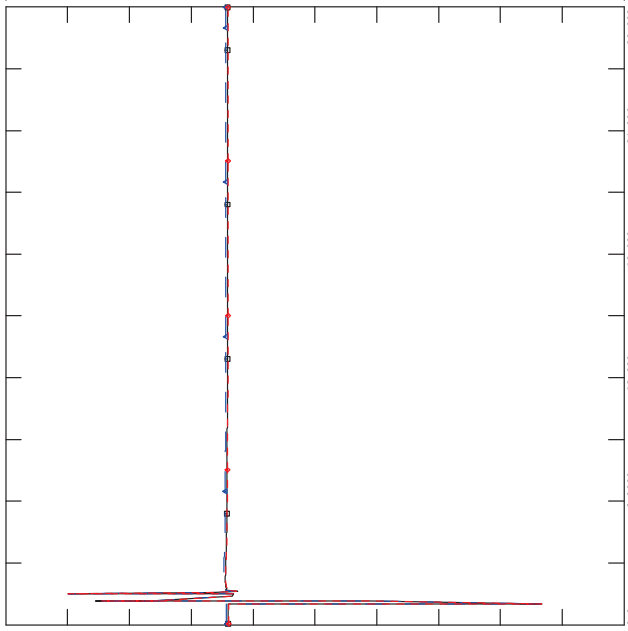
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_31_7L224_MONITOR

FILE: Scn6_2028WP_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRMS64092[EASTERV G1 0.6900]G1] 1.3767 0.40080
CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2] 1.3766 0.40270
CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3] 1.3748 0.40230



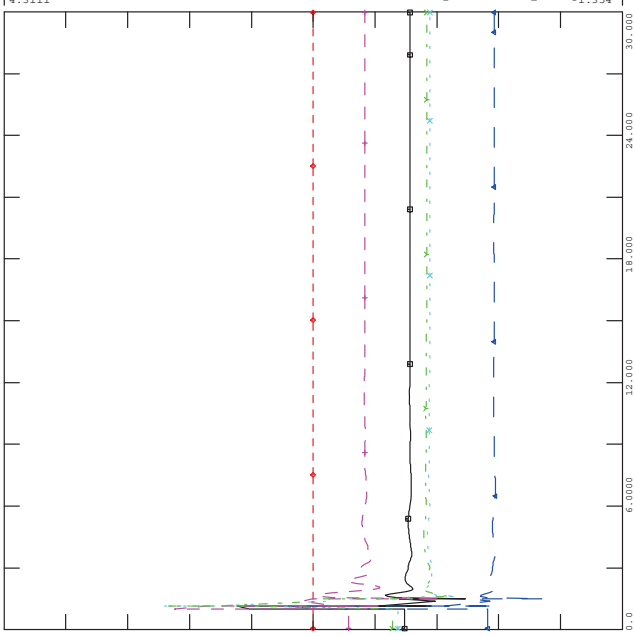
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_31_7L224_MONITOR

FILE: Scn6_2028WP_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2] 1.1971 -0.7179
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3] 1.5825 -0.9101
CHNL# 278: [VARS 1497[BAT #5 21.000]G5] 4.1852 -1.868
CHNL# 277: [VARS 1496[BAT #4 16.000]4] 0.50000 -0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2] 4.0987 -1.044
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1] 4.3111 -1.354



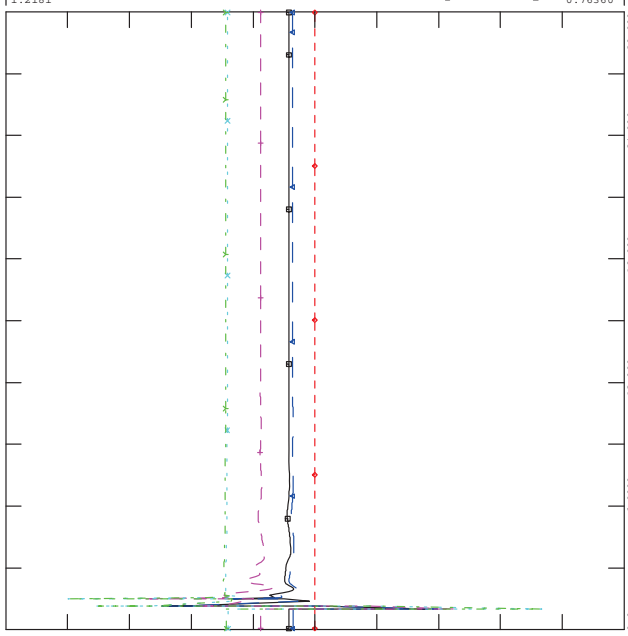
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_31_7L224_MONITOR

FILE: Scn6_2028WP_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2] 1.3766 0.40270
CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3] 1.3748 0.40230
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5] 1.2194 0.78390
CHNL# 451: [ETRM 1496[BAT #4 16.000]4] 0.10000 -0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2] 1.2323 0.75340
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1] 1.2181 0.76360



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_31_7L224_MONITOR

FILE: Scn6_2028WP_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.4437 0.43020
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2891 0.68900
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4028 0.50240
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2370 0.75950
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3237 0.63610

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_31_7L224_MONITOR

FILE: Scn6_2028WP_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L Q]
1097.4 -1514.
CHNL# 554: [9L27 Q]
1233.1 -1185.
CHNL# 552: [9L966 Q]
1664.6 -1595.
CHNL# 550: [954L Q]
1328.2 -1011.
CHNL# 548: [9L20 Q]
771.81 -650.3
CHNL# 546: [398L Q]
70.461 -46.91

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_31_7L224_MONITOR

FILE: Scn6_2028WP_31_7L224_Monitor.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4202 0.31260
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4812 0.36560
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3558 0.48110
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4328 0.29500
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4278 0.30440
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4190 0.29100

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_31_7L224_MONITOR

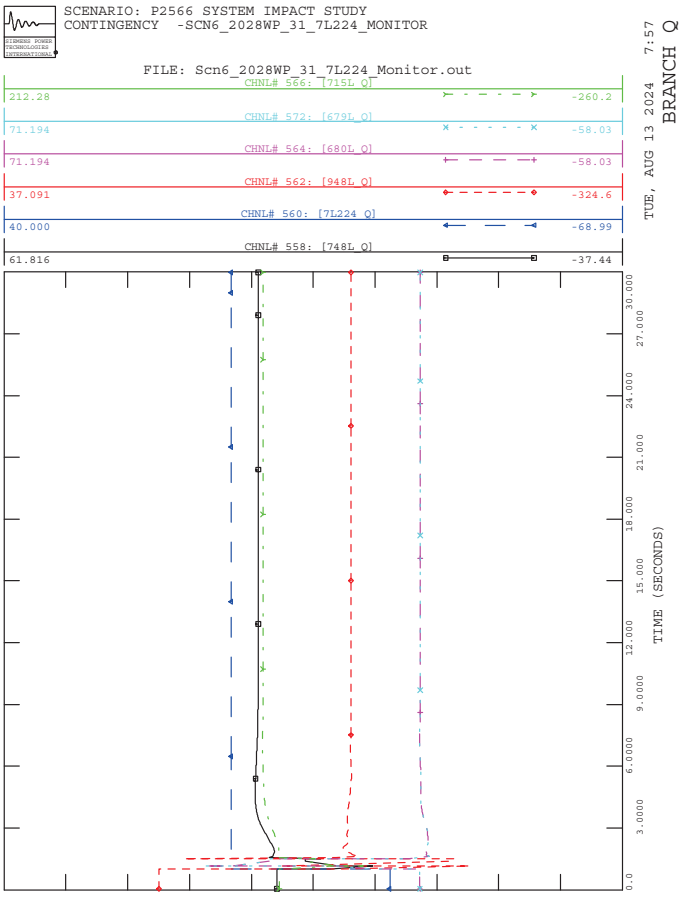
FILE: Scn6_2028WP_31_7L224_Monitor.out

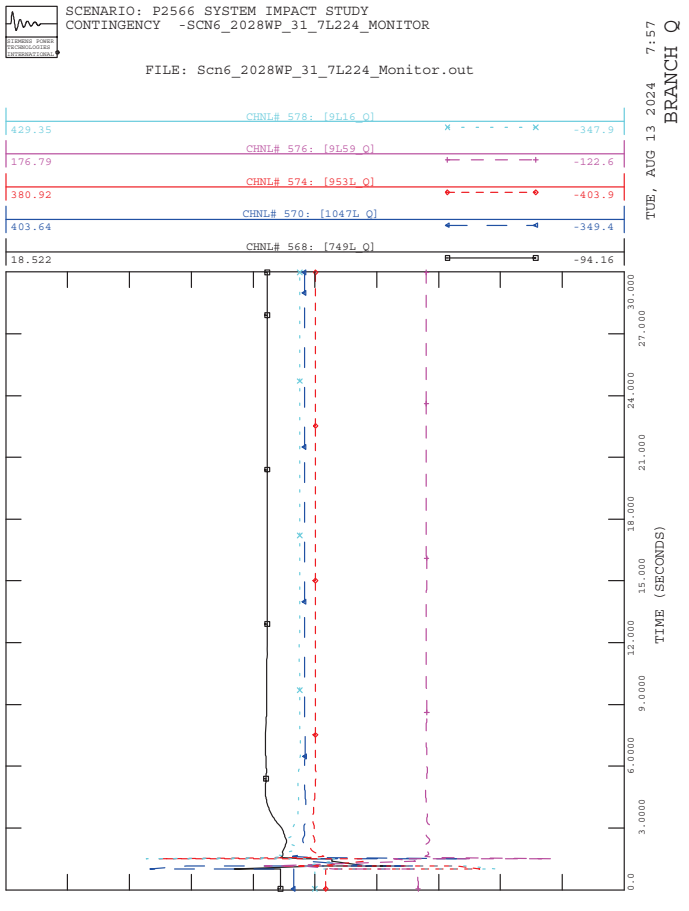
TUE, AUG 13 2024 7:57

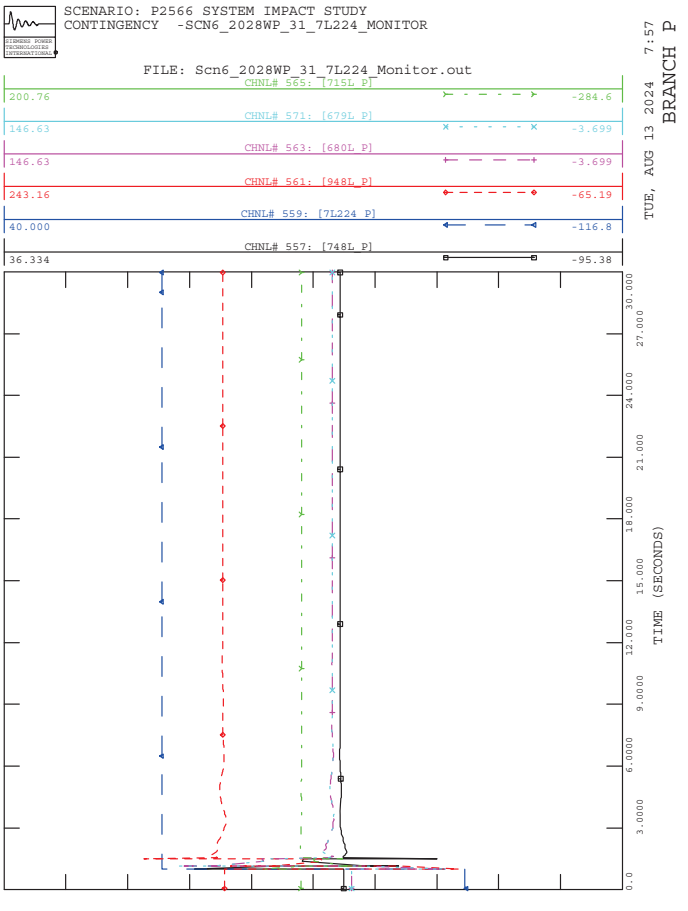
BRANCH P

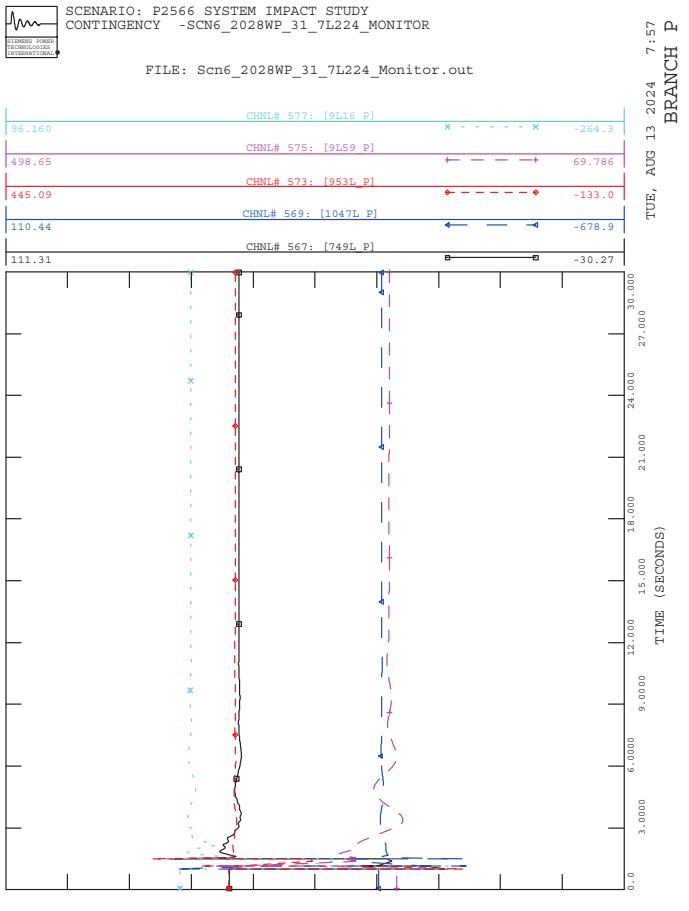
CHNL# 555: [885L P]
720.48 -684.5
CHNL# 553: [9L27 P]
571.56 -830.2
CHNL# 551: [9L966 P]
2025.6 -1292.
CHNL# 549: [954L P]
524.37 -322.7
CHNL# 547: [9L20 P]
425.67 -957.9
CHNL# 545: [398L P]
138.57 -208.7

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000
TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_31_7L224_MONITOR
FILE: Scn6_2028WP_31_7L224_Monitor.out
CHNL# 566: [715L Q]
212.28
-260.2
CHNL# 572: [679L Q]
71.194
-58.03
CHNL# 564: [680L Q]
71.194
-58.03
CHNL# 562: [948L Q]
37.091
-324.6
CHNL# 560: [7L224 Q]
40.000
-68.99
CHNL# 558: [748L Q]
61.816
-37.44
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_31_7L224_MONITOR
FILE: Scn6_2028WP_31_7L224_Monitor.out
CHNL# 578: [9L16 Q]
429.35
-347.9
CHNL# 576: [9L59 Q]
176.79
-122.6
CHNL# 574: [953L Q]
380.92
-403.9
CHNL# 570: [1047L Q]
403.64
-349.4
CHNL# 568: [749L Q]
18.522
-94.16
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
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3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_31_7L224_MONITOR
FILE: Scn6_2028WP_31_7L224_Monitor.out
CHNL# 565: [715L P]
200.76
-284.6
CHNL# 571: [679L P]
146.63
-3.699
CHNL# 563: [680L P]
146.63
-3.699
CHNL# 561: [948L P]
243.16
-65.19
CHNL# 559: [7L224 P]
40.000
-116.8
CHNL# 557: [748L P]
36.334
-95.38
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_31_7L224_MONITOR
FILE: Scn6_2028WP_31_7L224_Monitor.out
CHNL# 577: [9L16 P]
96.160
-264.3
CHNL# 575: [9L59 P]
498.65
69.786
CHNL# 573: [953L P]
445.09
-133.0
CHNL# 569: [1047L P]
110.44
-678.9
CHNL# 567: [749L P]
111.31
-30.27
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_32_679L_NILREM

FILE: Scn6_2028WP_32_679L_Nilrem.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWRS63092[EASTERV G2 0.6900]G2]
1.6557 -0.1268

CHNL# 205: [POWRS62092[EASTERV G3 0.6900]G3]
1.8183 -0.1277

CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
0.99810 -0.5065

CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000 -0.2000

CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
2.1841 0.92410

CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
2.1433 0.94450

TIME (SECONDS)
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_32_679L_NILREM

FILE: Scn6_2028WP_32_679L_Nilrem.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.4559 -1.080

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.9668 -1.424

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
5.5272 -1.182

CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000 -0.5000

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
4.4208 -1.555

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
4.7207 -1.926

TIME (SECONDS)
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_32_679L_NILREM

FILE: Scn6_2028WP_32_679L_Nilrem.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
9.3108 -95.53

CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000 -50.00

CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
47.759 -57.28

CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
45.527 -59.69

TIME (SECONDS)
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_32_679L_NILREM

FILE: Scn6_2028WP_32_679L_Nilrem.out

TUE, AUG 13 2024 7:57

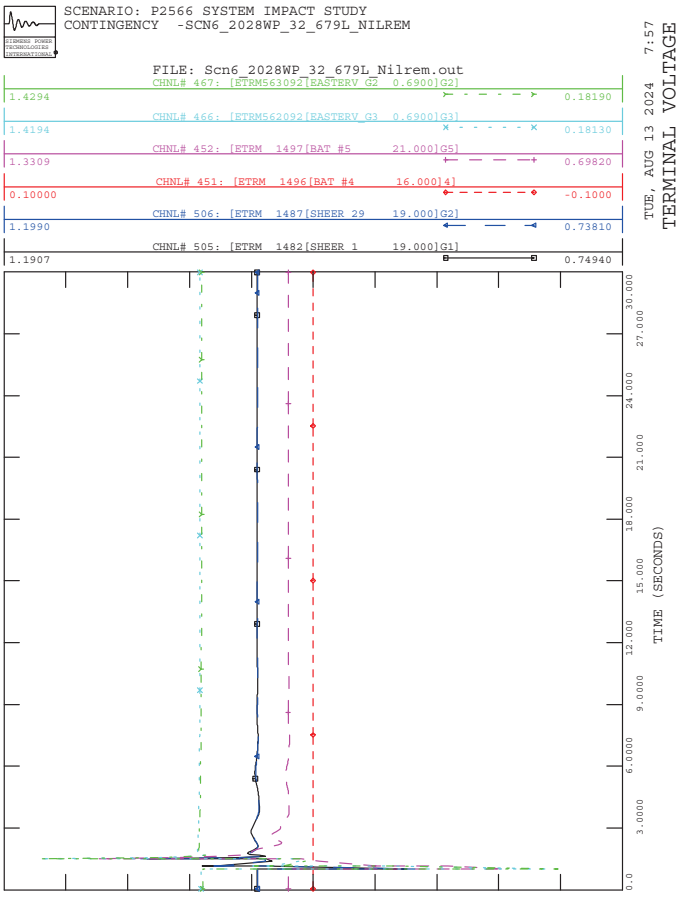
ACTIVE POWER

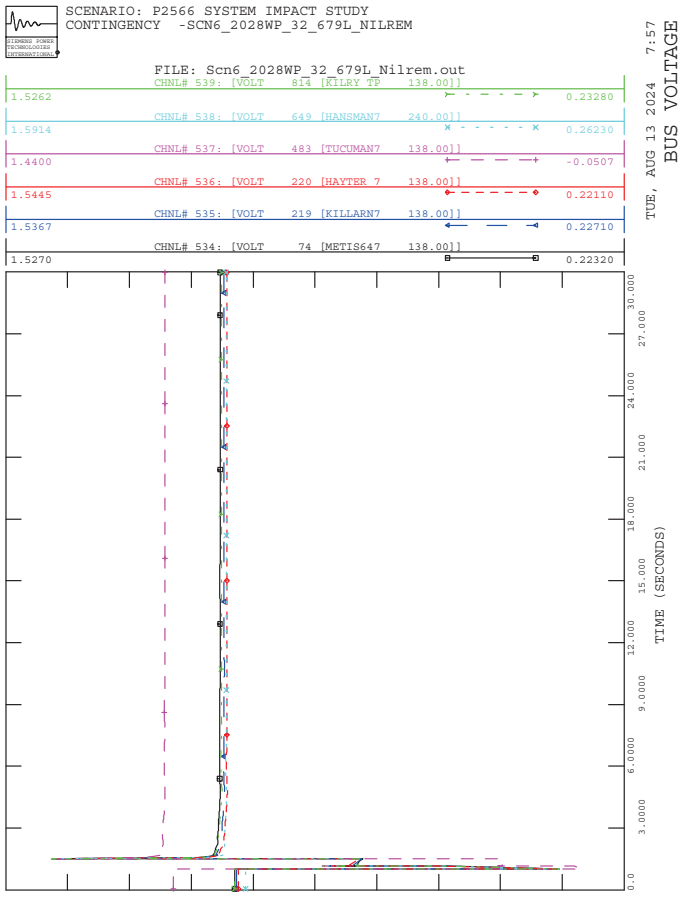
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.6294 -0.1282

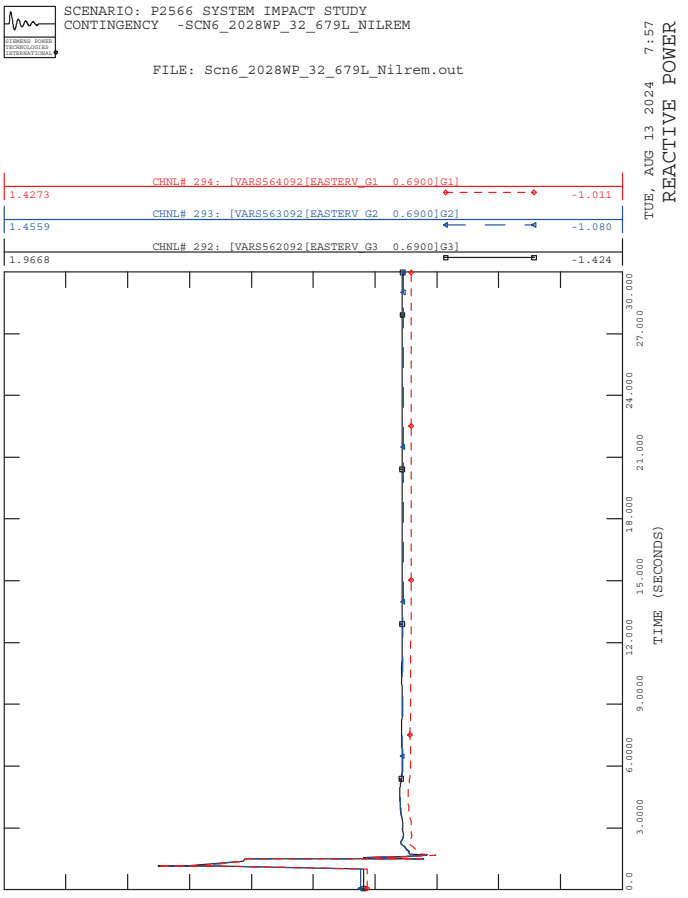
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.6557 -0.1268

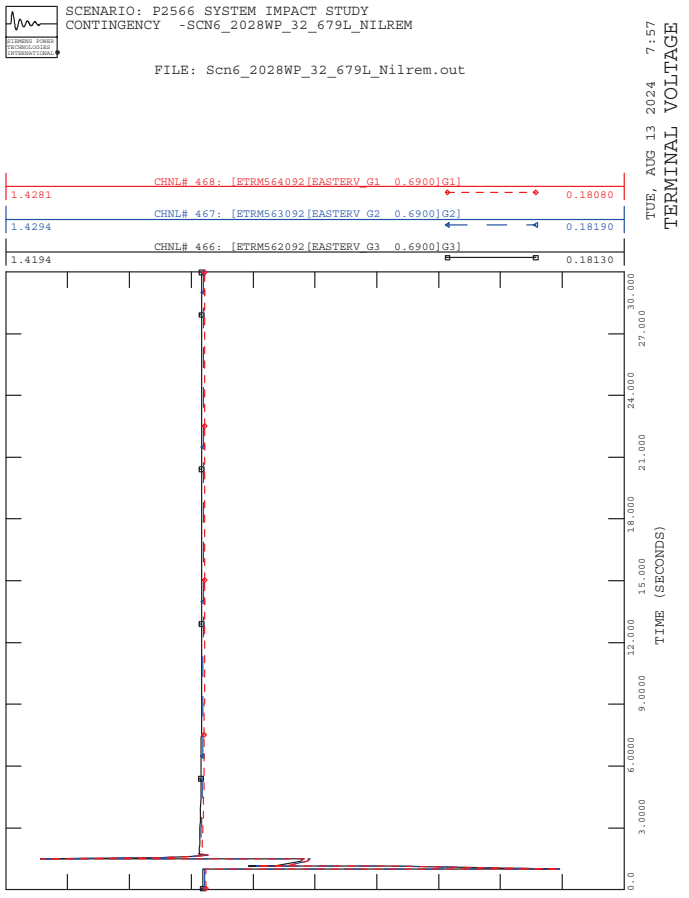
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.8183 -0.1277

TIME (SECONDS)
0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_32_679L_NILREM
FILE: Scn6_2028WP_32_679L_Nilrem.out
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4294 0.18190
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4194 0.18130
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.3309 0.69820
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1990 0.73810
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1907 0.74940
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
TIME (SECONDS)
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3.0000
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9.0000
12.000
15.000
18.000
21.000
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27.000
30.000

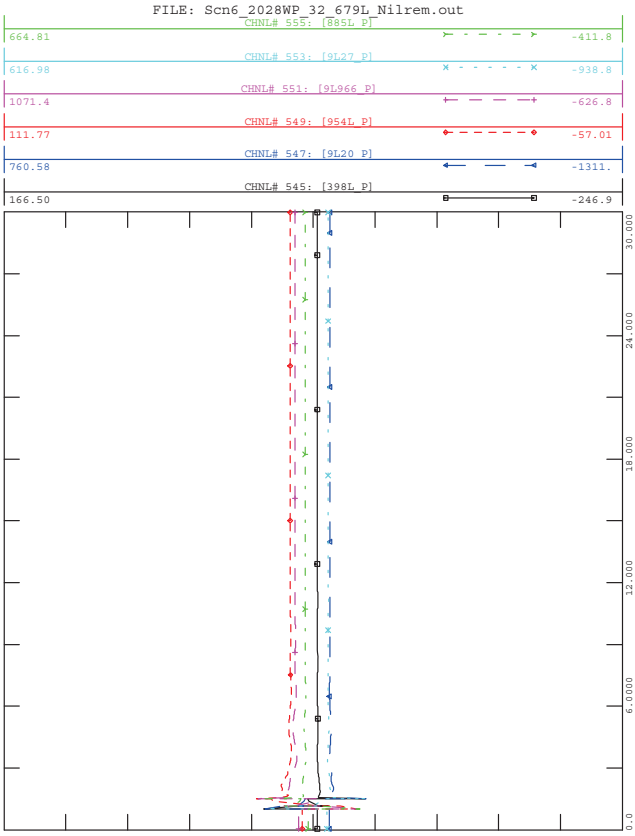

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_32_679L_NILREM
FILE: Scn6_2028WP_32_679L_Nilrem.out
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.5262 0.23280
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5914 0.26230
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4400 -0.0507
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.5445 0.22110
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.5367 0.22710
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.5270 0.22320
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_32_679L_NILREM
FILE: Scn6_2028WP_32_679L_Nilrem.out
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.4273 -1.011
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.4559 -1.080
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.9668 -1.424
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_32_679L_NILREM
FILE: Scn6_2028WP_32_679L_Nilrem.out
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.4281 0.18080
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4294 0.18190
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4194 0.18130
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
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SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_32_679L_NILREM

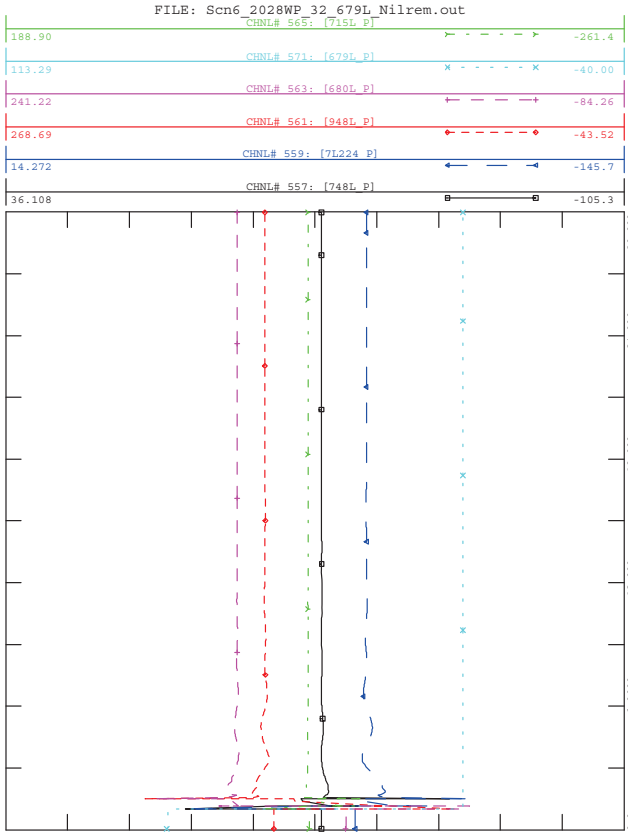
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TUE, AUG 13 2024 7:57
BRANCH P

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_32_679L_NILREM

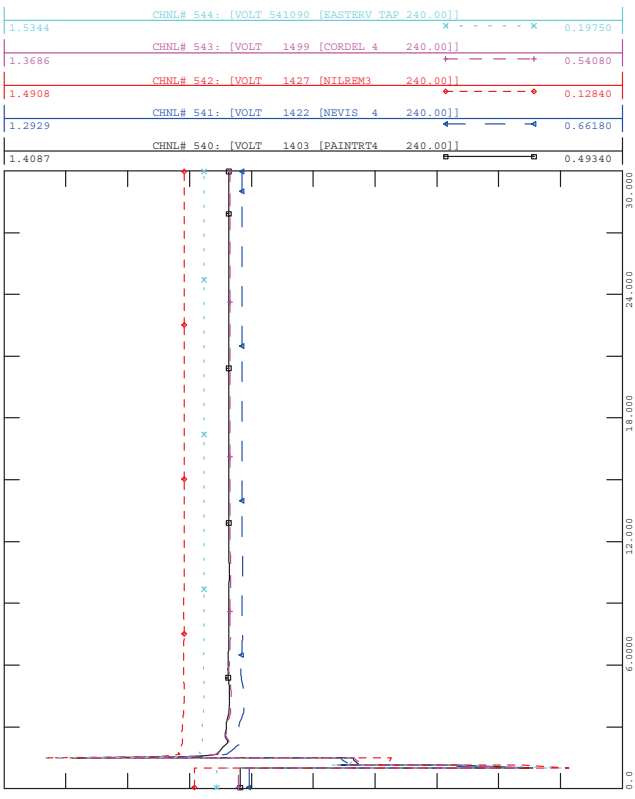
FILE: Scn6_2028WP_32_679L_Nilrem.out



TUE, AUG 13 2024 7:57
BRANCH P

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_32_679L_NILREM

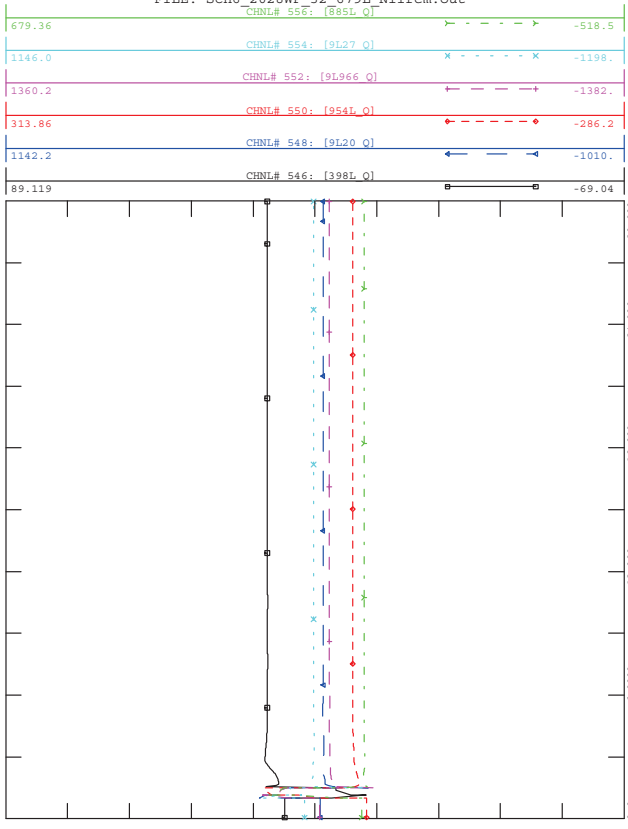
FILE: Scn6_2028WP_32_679L_Nilrem.out



TUE, AUG 13 2024 7:57
BUS VOLTAGE

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_32_679L_NILREM

FILE: Scn6_2028WP_32_679L_Nilrem.out



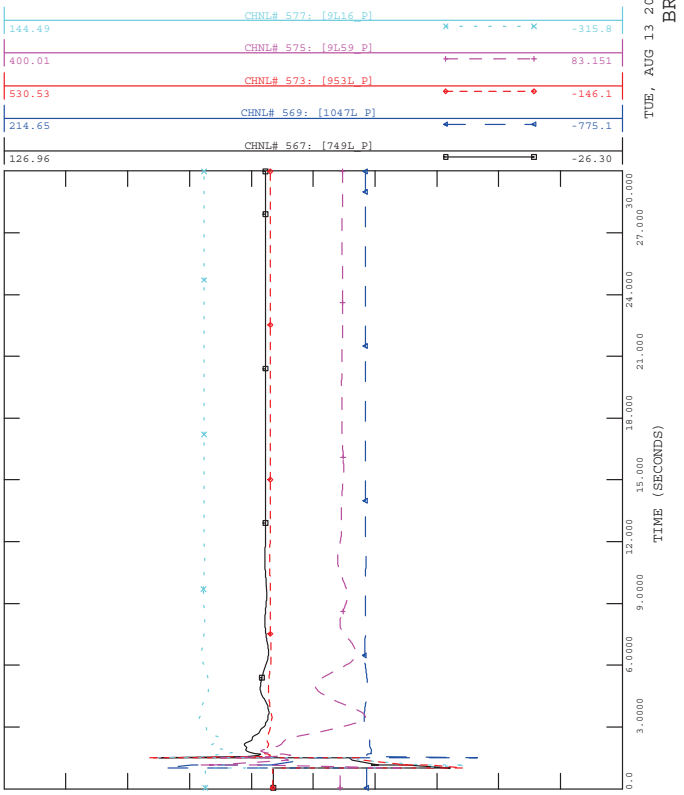
TUE, AUG 13 2024 7:57
BRANCH Q

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_32_679L_NILREM

FILE: Scn6_2028WP_32_679L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH P

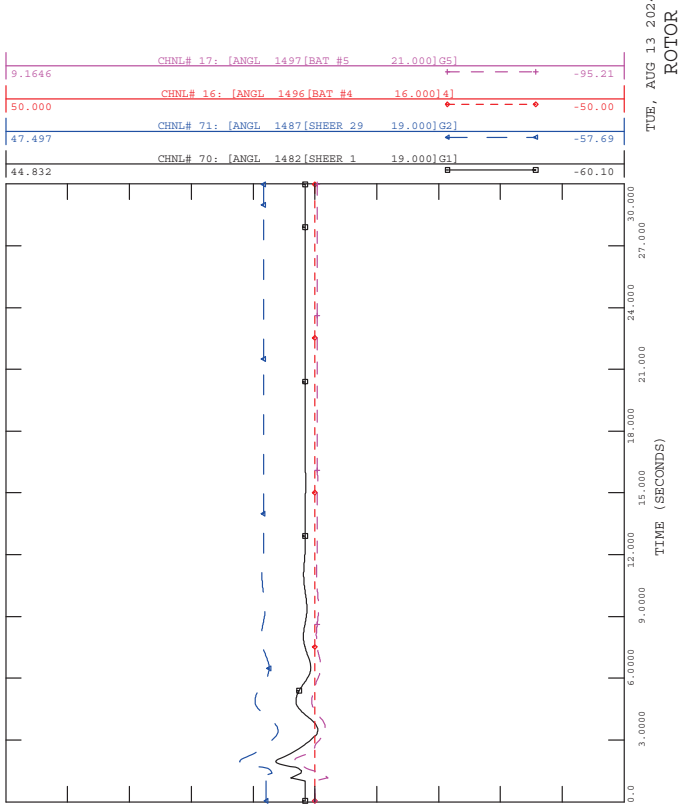


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_33_679L_TUCUMAN

FILE: Scn6_2028WP_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

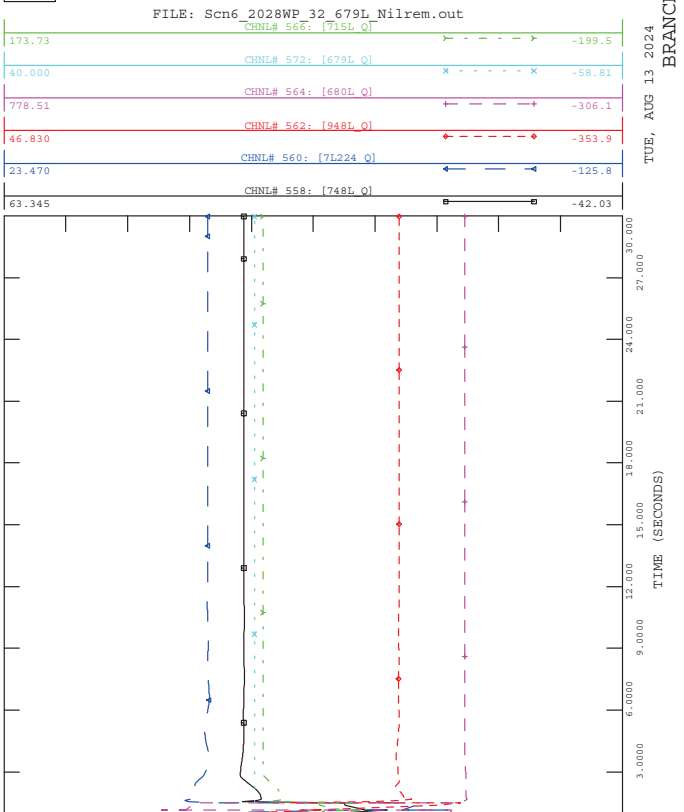


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_32_679L_NILREM

FILE: Scn6_2028WP_32_679L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH Q

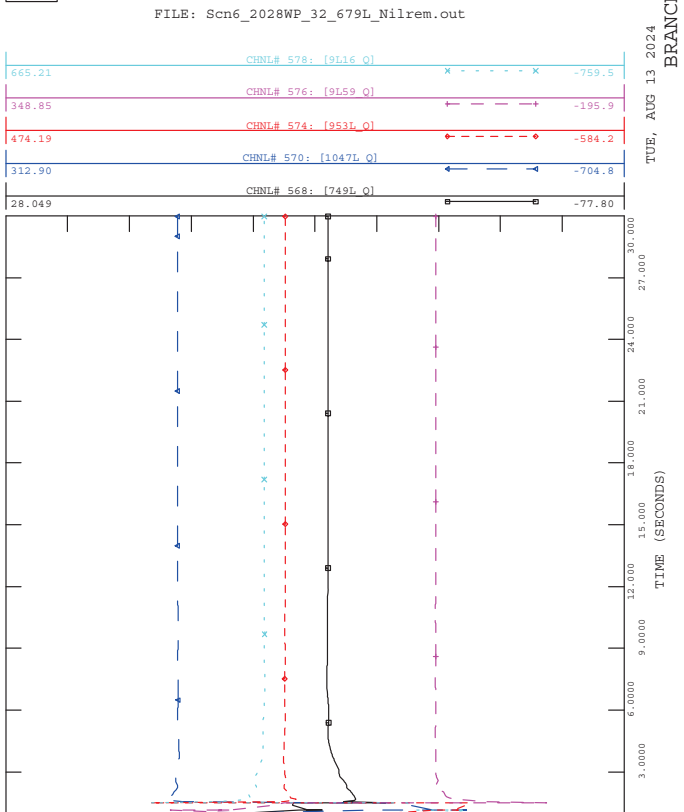


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_32_679L_NILREM

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TUE, AUG 13 2024 7:57

BRANCH Q

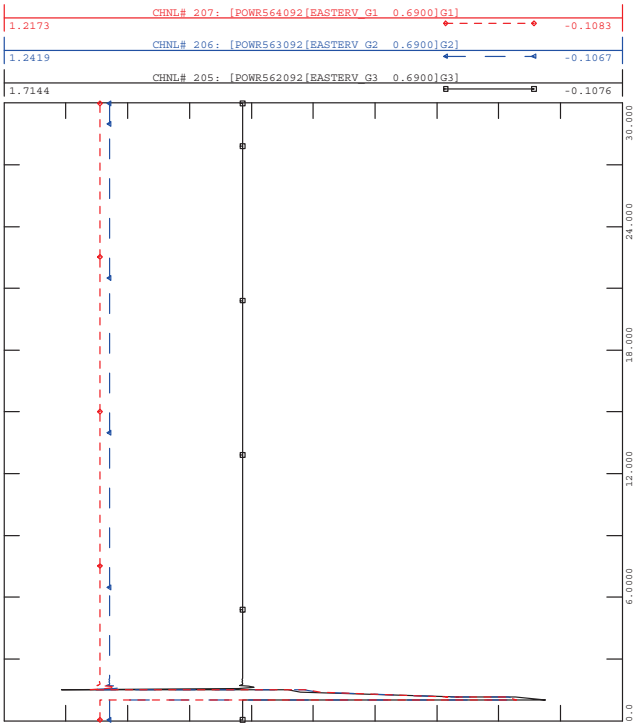


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_33_679L_TUCUMAN

FILE: Scn6_2028WP_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

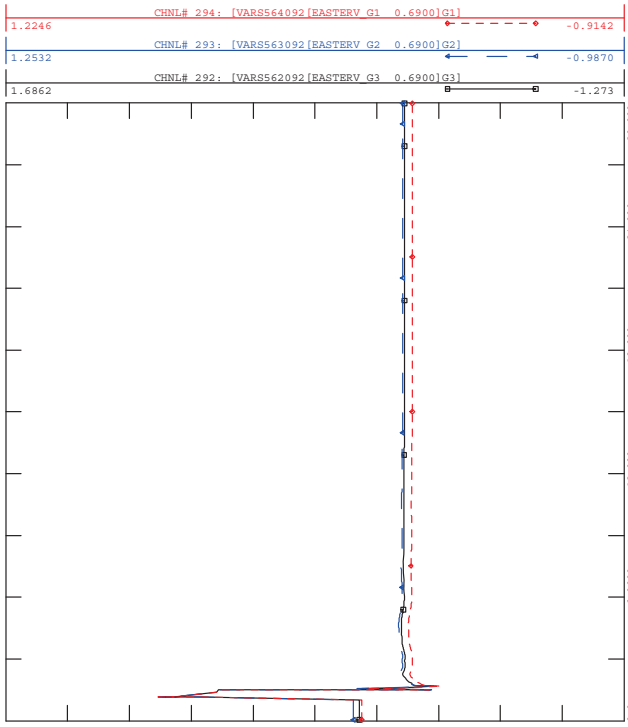


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_33_679L_TUCUMAN

FILE: Scn6_2028WP_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

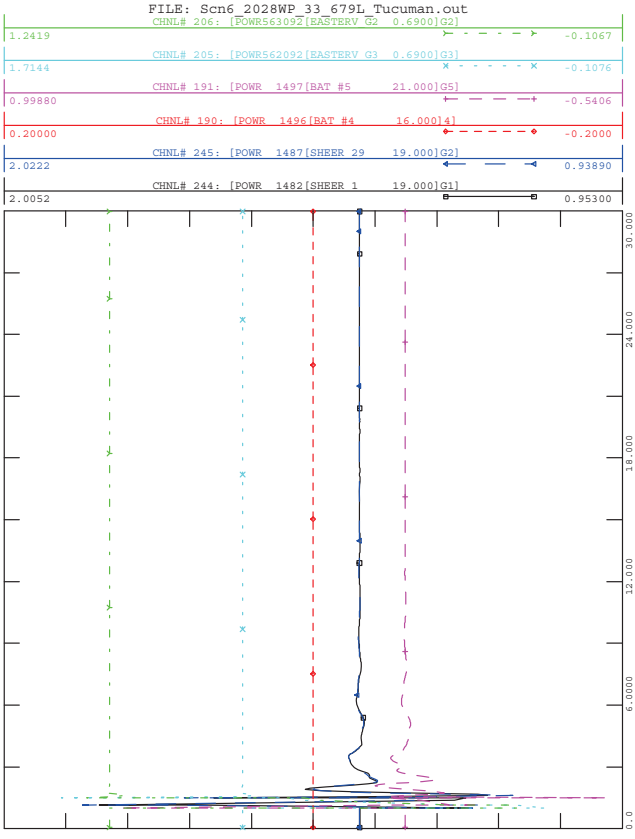


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_33_679L_TUCUMAN

FILE: Scn6_2028WP_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

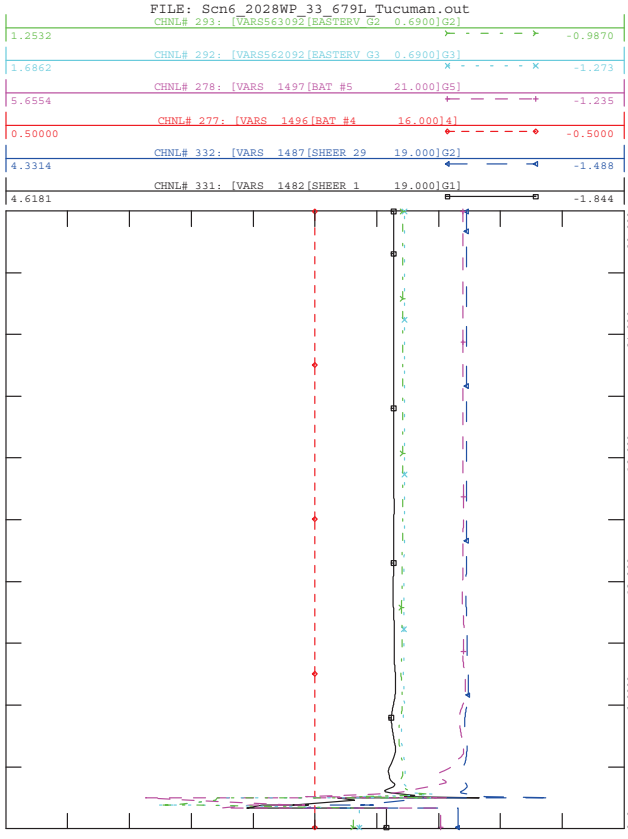


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_33_679L_TUCUMAN

FILE: Scn6_2028WP_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

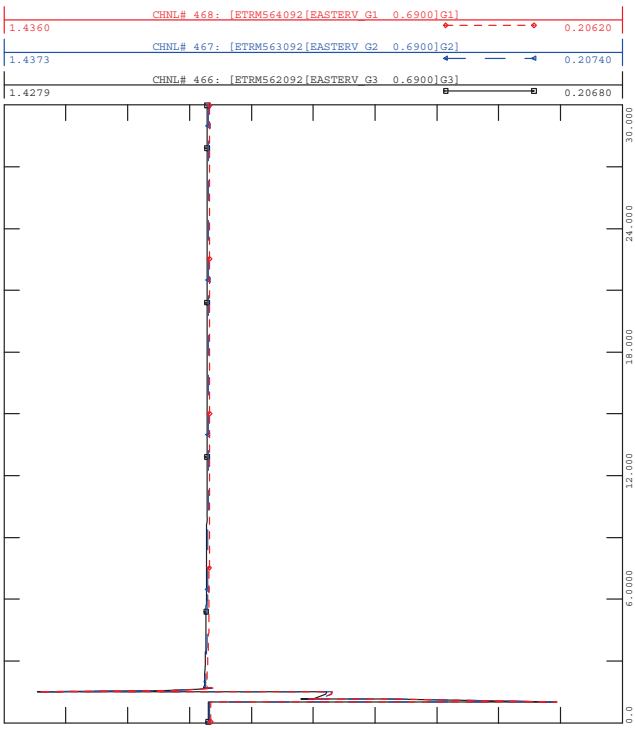


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_33_679L_TUCUMAN

FILE: Scn6_2028WP_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

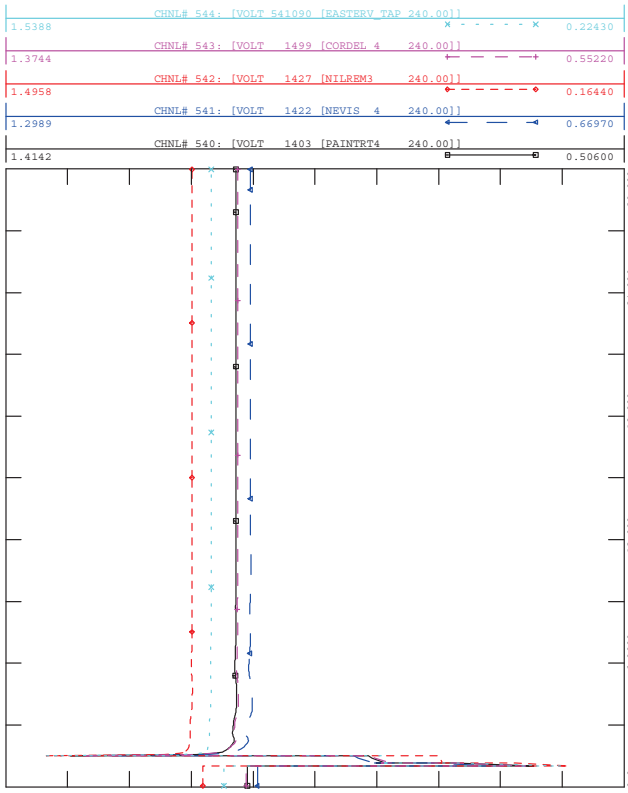


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_33_679L_TUCUMAN

FILE: Scn6_2028WP_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

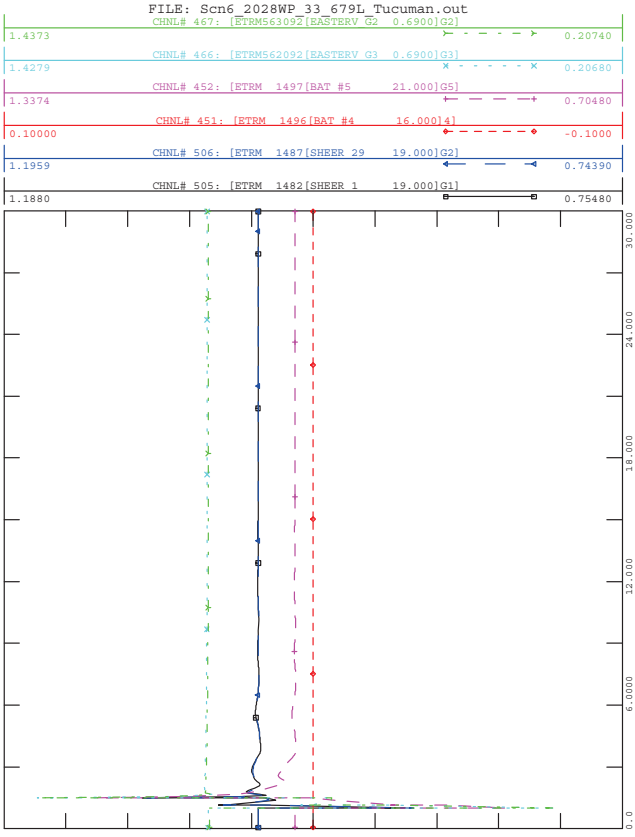


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_33_679L_TUCUMAN

FILE: Scn6_2028WP_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

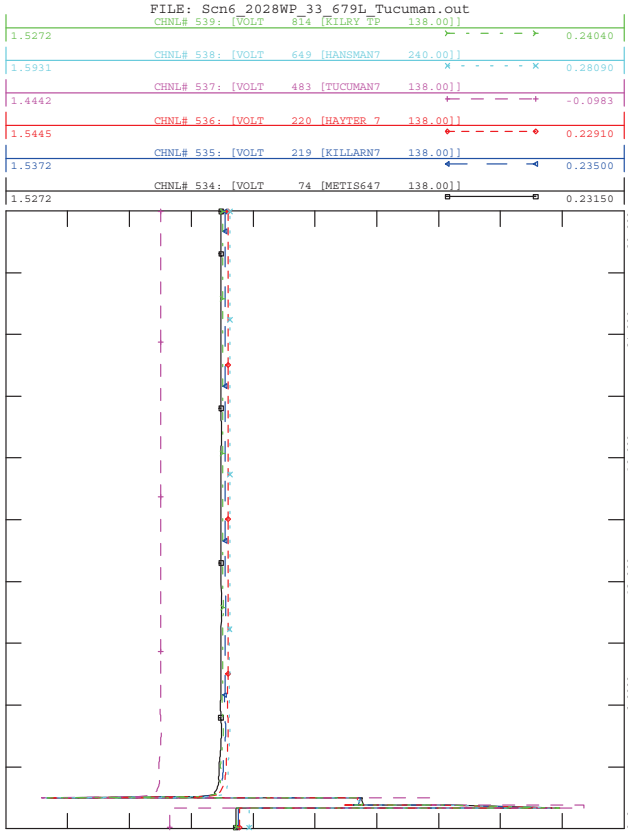


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_33_679L_TUCUMAN

FILE: Scn6_2028WP_33_679L_Tucuman.out

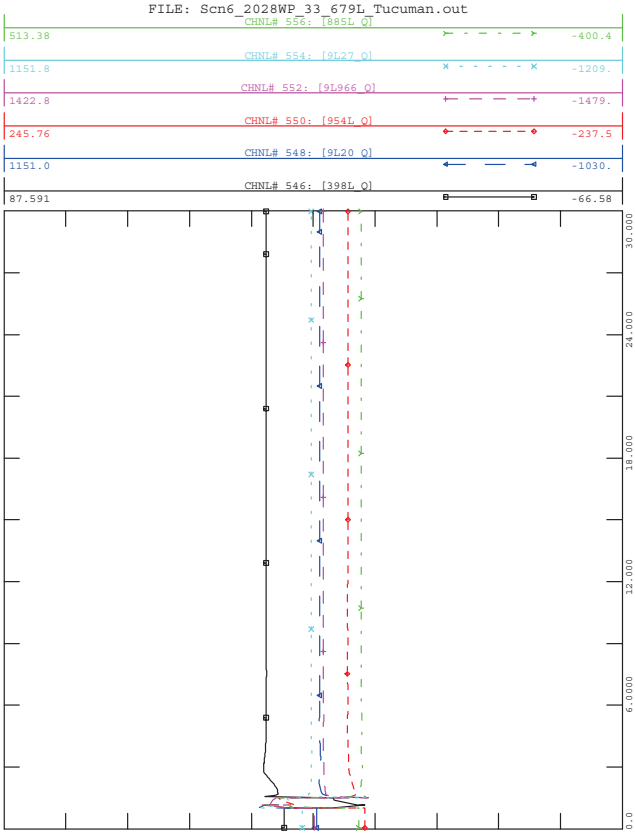
TUE, AUG 13 2024 7:57

BUS VOLTAGE



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_33_679L_TUCUMAN

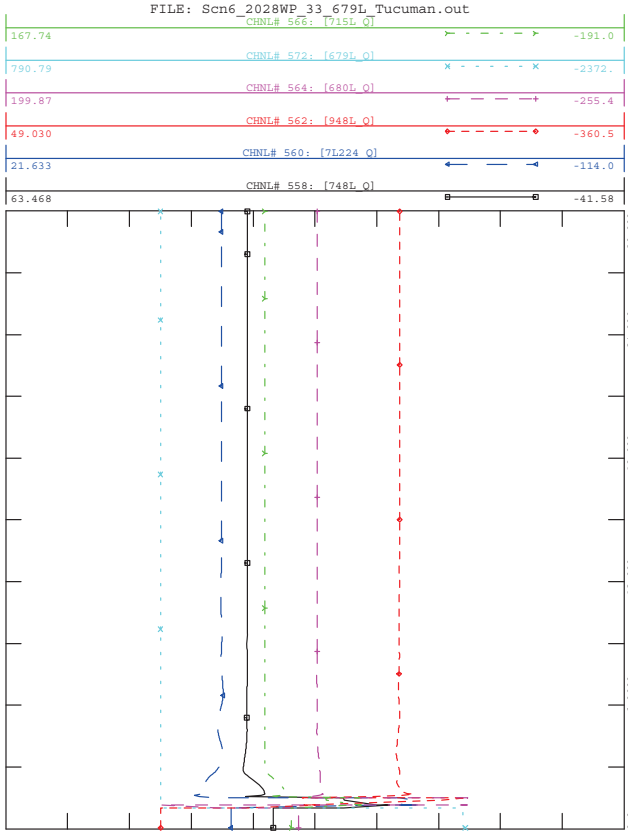
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TUE, AUG 13 2024 7:57
BRANCH Q

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_33_679L_TUCUMAN

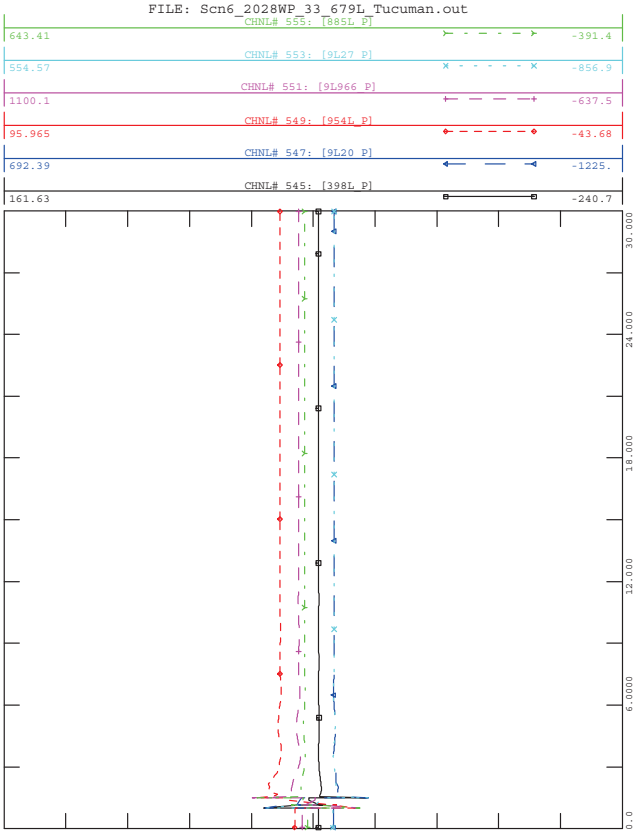
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TUE, AUG 13 2024 7:57
BRANCH Q

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_33_679L_TUCUMAN

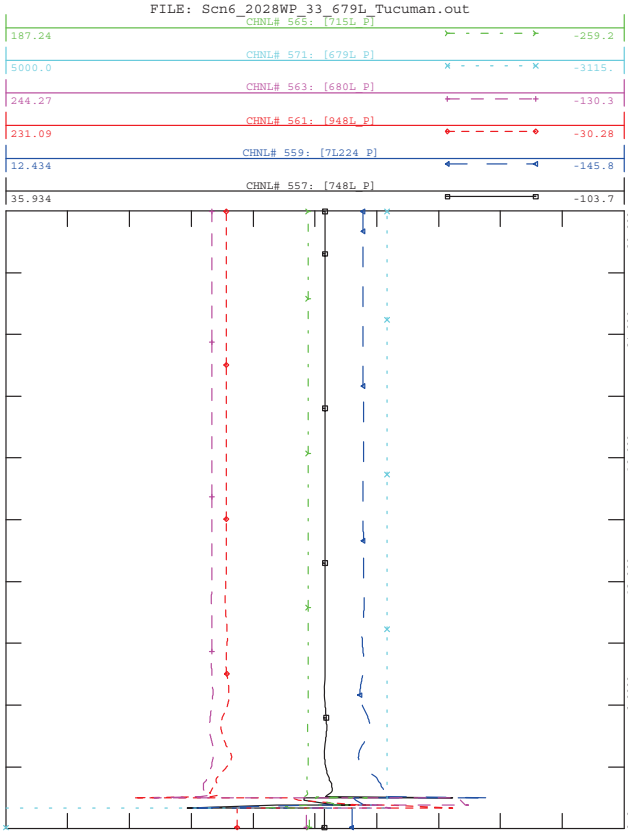
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TUE, AUG 13 2024 7:57
BRANCH P

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_33_679L_TUCUMAN

FILE: Scn6_2028WP_33_679L_Tucuman.out



TUE, AUG 13 2024 7:57
BRANCH P

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_33_679L_TUCUMAN

FILE: Scn6_2028WP_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16_Q] 687.12 -752.6
CHNL# 576: [9L59_Q] 334.34 -193.2
CHNL# 574: [953L_Q] 495.15 -628.5
CHNL# 570: [1047L_Q] 305.54 -679.1
CHNL# 568: [749L_Q] 28.206 -78.14

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_34_680L_TUCUMAN

FILE: Scn6_2028WP_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV_G2 0.6900]G2] 1.2419 -0.1067
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3] 1.7144 -0.1076
CHNL# 191: [POWR 1497[BAT #5 21.000]G5] 0.99880 -0.5406
CHNL# 190: [POWR 1496[BAT #4 16.000]4] 0.20000 -0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2] 2.0222 0.93890
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1] 2.0052 0.95300

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_33_679L_TUCUMAN

FILE: Scn6_2028WP_33_679L_Tucuman.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P] 99.840 -308.5
CHNL# 575: [9L59_P] 371.18 98.013
CHNL# 573: [953L_P] 474.72 -130.0
CHNL# 569: [1047L_P] 175.69 -699.4
CHNL# 567: [749L_P] 122.51 -26.01

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_34_680L_TUCUMAN

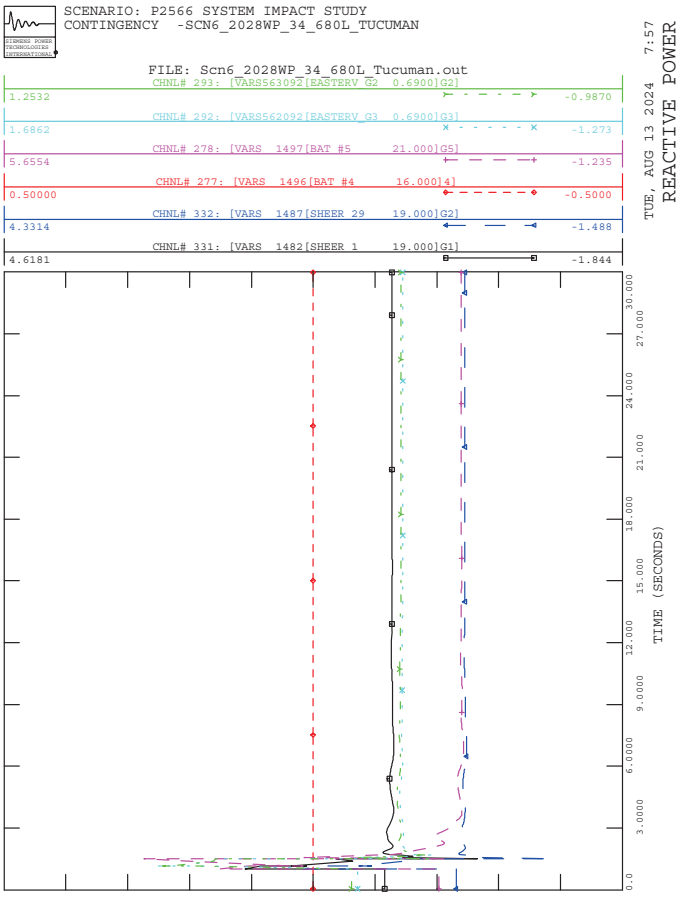
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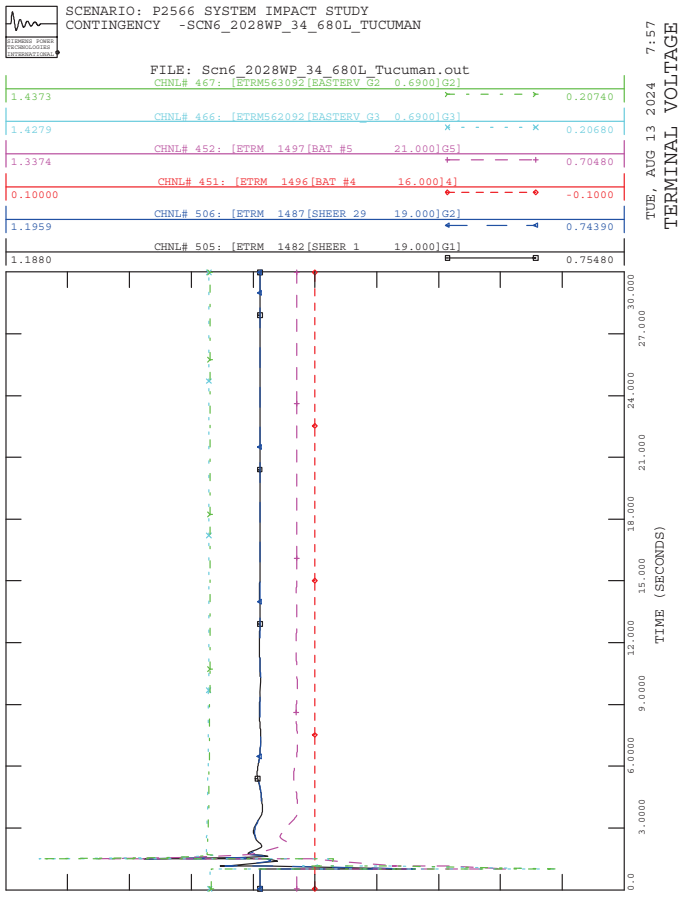
TUE, AUG 13 2024 7:57

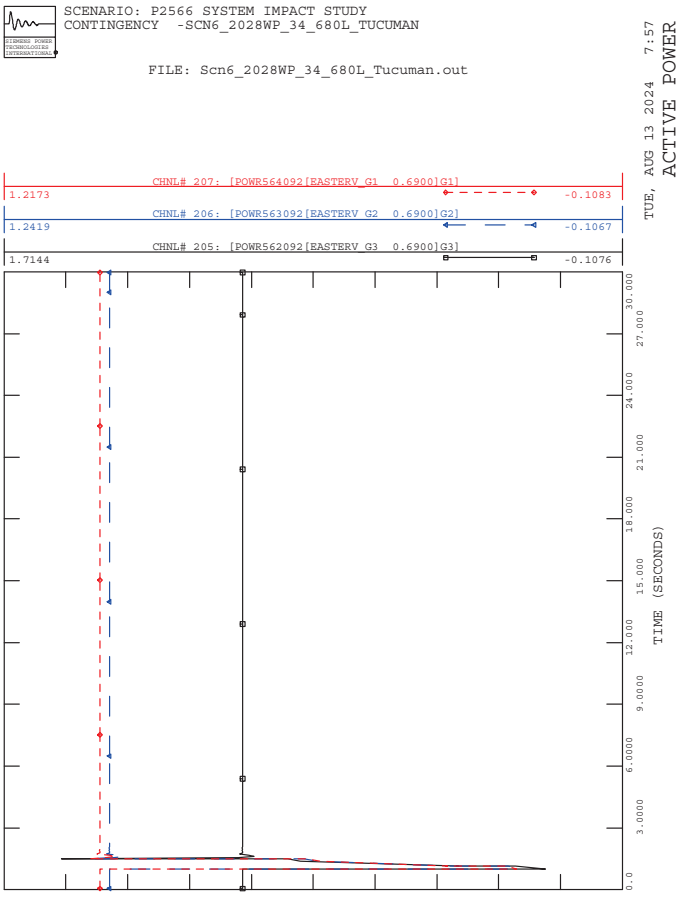
ROTOR ANGLE

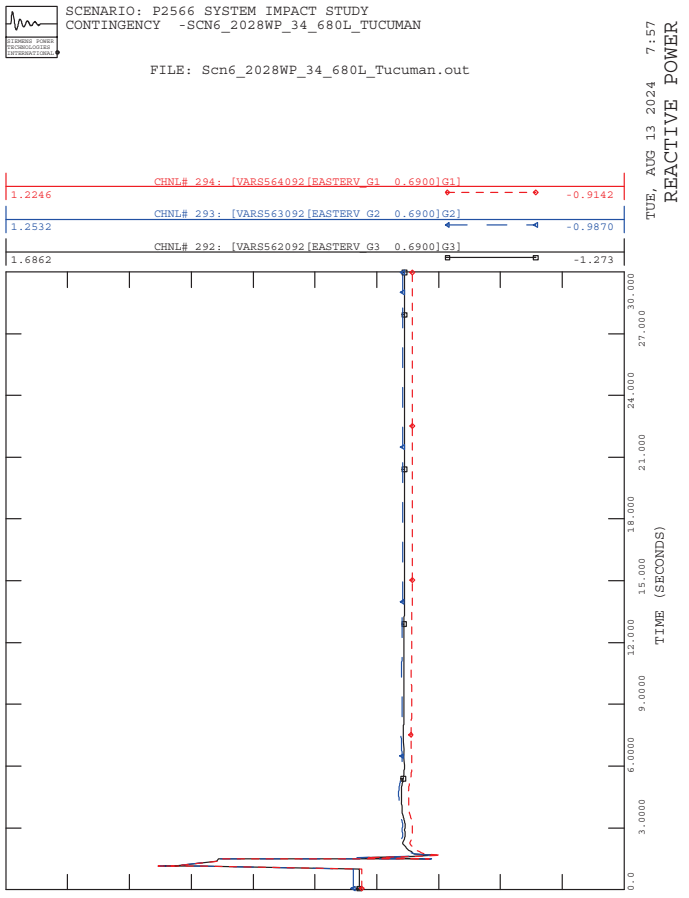
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5] 9.1646 -95.21
CHNL# 16: [ANGL 1496[BAT #4 16.000]4] 50.000 -50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2] 47.497 -57.69
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1] 44.832 -60.10

TIME (SECONDS)


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_34_680L_TUCUMAN
FILE: Scn6_2028WP_34_680L_Tucuman.out
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.2532
-0.9870
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.6862
-1.273
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
5.6554
-1.235
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000
-0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
4.3314
-1.488
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
4.6181
-1.844
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
REACTIVE POWER


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_34_680L_TUCUMAN
FILE: Scn6_2028WP_34_680L_Tucuman.out
CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.4373
0.20740
CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.4279
0.20680
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.3374
0.70480
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000
-0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1959
0.74390
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1880
0.75480
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_34_680L_TUCUMAN
FILE: Scn6_2028WP_34_680L_Tucuman.out
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.2173
-0.1083
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.2419
-0.1067
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.7144
-0.1076
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
ACTIVE POWER


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_34_680L_TUCUMAN
FILE: Scn6_2028WP_34_680L_Tucuman.out
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.2246
-0.9142
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.2532
-0.9870
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.6862
-1.273
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
REACTIVE POWER

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_34_680L_TUCUMAN

FILE: Scn6_2028WP_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.5272 0.24040

CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5931 0.28090

CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.4442 -0.0983

CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.5445 0.22910

CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.5372 0.23500

CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.5272 0.23150

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_34_680L_TUCUMAN

FILE: Scn6_2028WP_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 555: [885L P]
643.41 -391.4

CHNL# 553: [9L27 P]
554.57 -856.9

CHNL# 551: [9L966 P]
1100.1 -637.5

CHNL# 549: [954L P]
95.965 -43.68

CHNL# 547: [9L20 P]
692.39 -1225.

CHNL# 545: [398L P]
161.63 -240.7

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_34_680L_TUCUMAN

FILE: Scn6_2028WP_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.4360 0.20620

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4373 0.20740

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4279 0.20680

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_34_680L_TUCUMAN

FILE: Scn6_2028WP_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.5388 0.22430

CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3744 0.55220

CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4958 0.16440

CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2989 0.66970

CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.4142 0.50600

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)

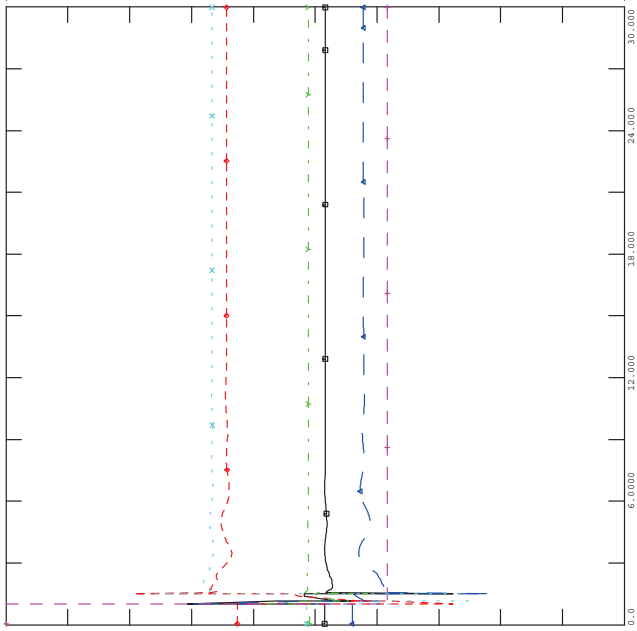
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_34_680L_TUCUMAN

FILE: Scn6_2028WP_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 565: [715L P] 187.24 -259.2
CHNL# 571: [679L P] 244.27 -130.3
CHNL# 563: [680L P] 5000.0 -3115.
CHNL# 561: [948L P] 231.09 -30.28
CHNL# 559: [7L224 P] 12.434 -145.8
CHNL# 557: [748L P] 35.934 -103.7



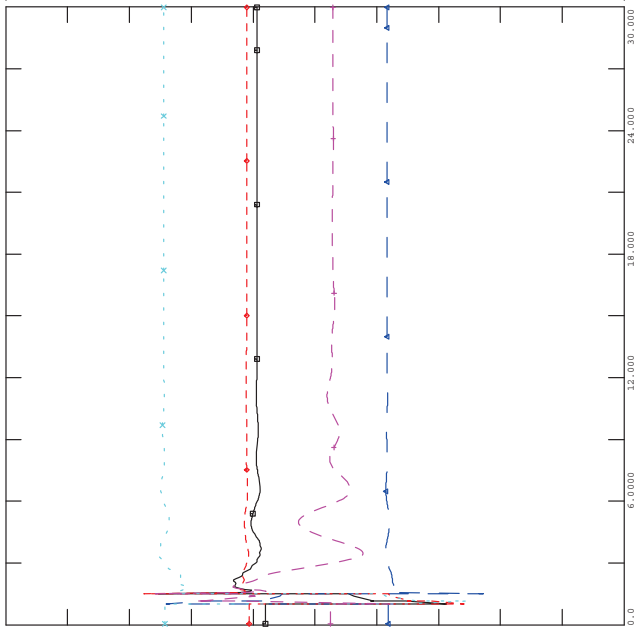
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_34_680L_TUCUMAN

FILE: Scn6_2028WP_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P] 99.840 -308.5
CHNL# 575: [9L59_P] 371.18 98.013
CHNL# 573: [953L P] 474.72 -130.0
CHNL# 569: [1047L P] 175.69 -699.4
CHNL# 567: [749L P] 122.51 -26.01



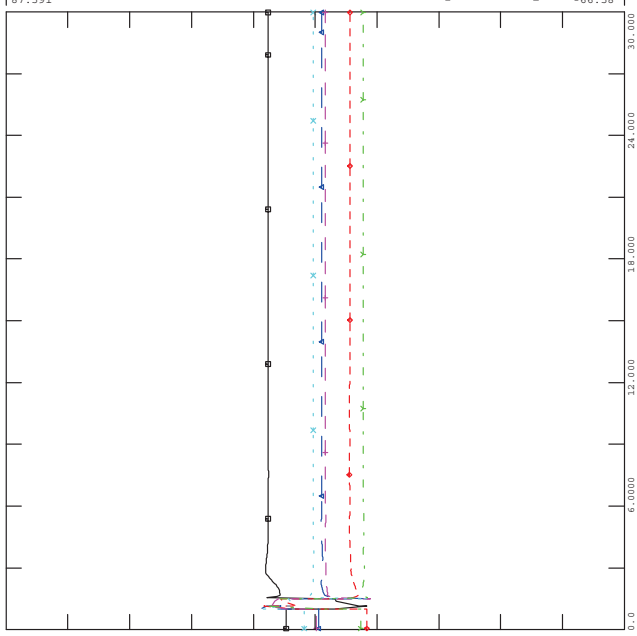
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_34_680L_TUCUMAN

FILE: Scn6_2028WP_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 556: [885L Q] 513.38 -400.4
CHNL# 554: [9L27 Q] 1151.8 -1209.
CHNL# 552: [9L966 Q] 1422.8 -1479.
CHNL# 550: [954L Q] 245.76 -237.5
CHNL# 548: [9L20 Q] 1151.0 -1030.
CHNL# 546: [398L Q] 87.591 -66.58



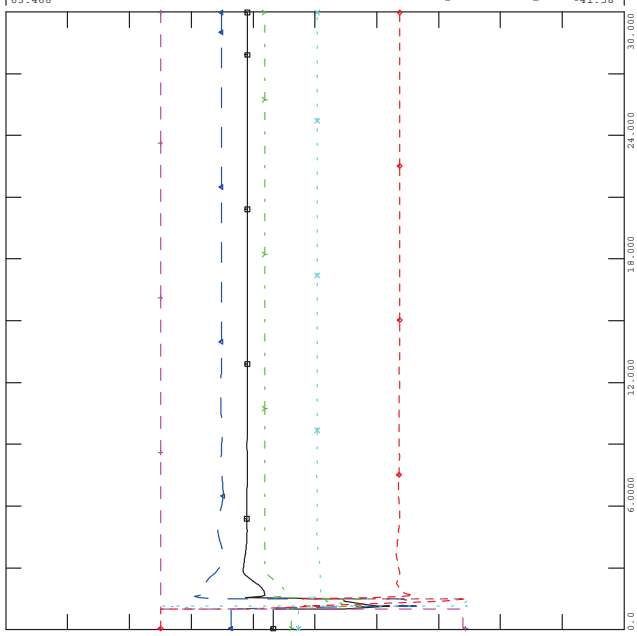
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_34_680L_TUCUMAN

FILE: Scn6_2028WP_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 566: [715L Q] 167.74 -191.0
CHNL# 572: [679L Q] 199.87 -255.4
CHNL# 564: [680L Q] 790.79 -2372.
CHNL# 562: [948L Q] 49.030 -360.5
CHNL# 560: [7L224 Q] 21.633 -114.0
CHNL# 558: [748L Q] 63.468 -41.58

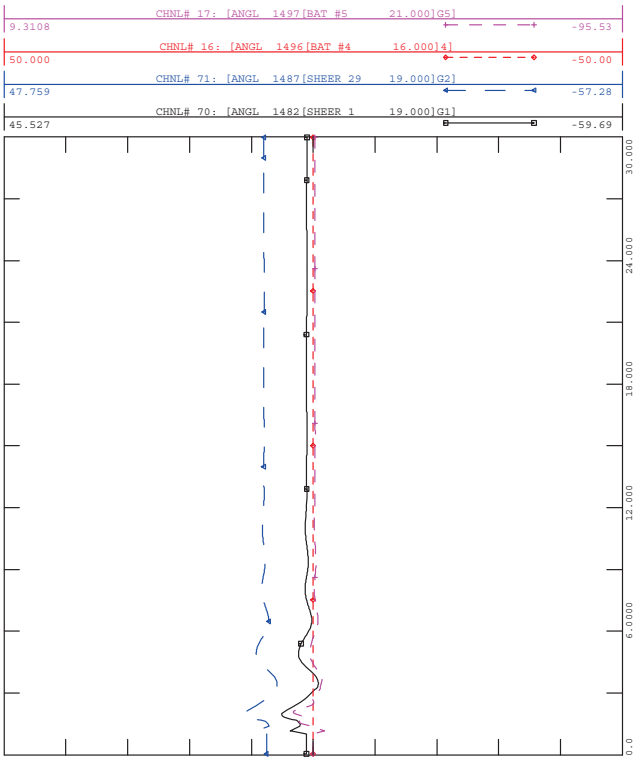


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_35_680L_NILREM

FILE: Scn6_2028WP_35_680L_Nilrem.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

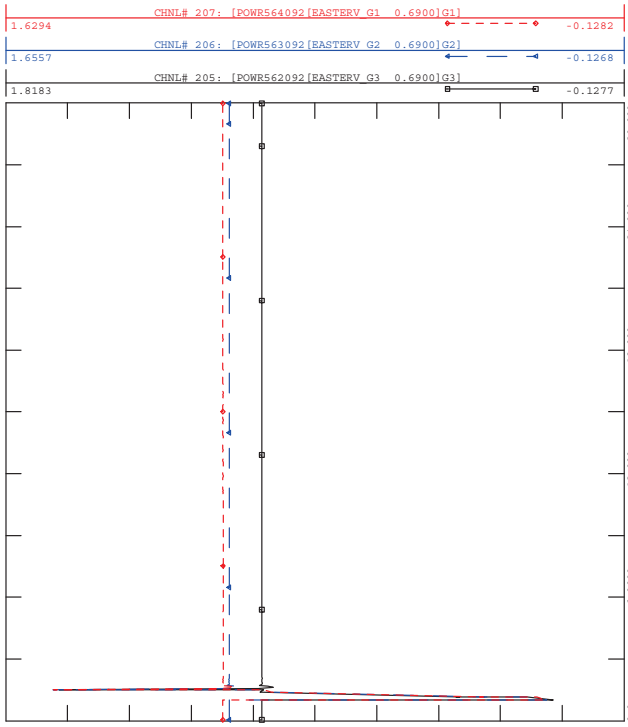


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_35_680L_NILREM

FILE: Scn6_2028WP_35_680L_Nilrem.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

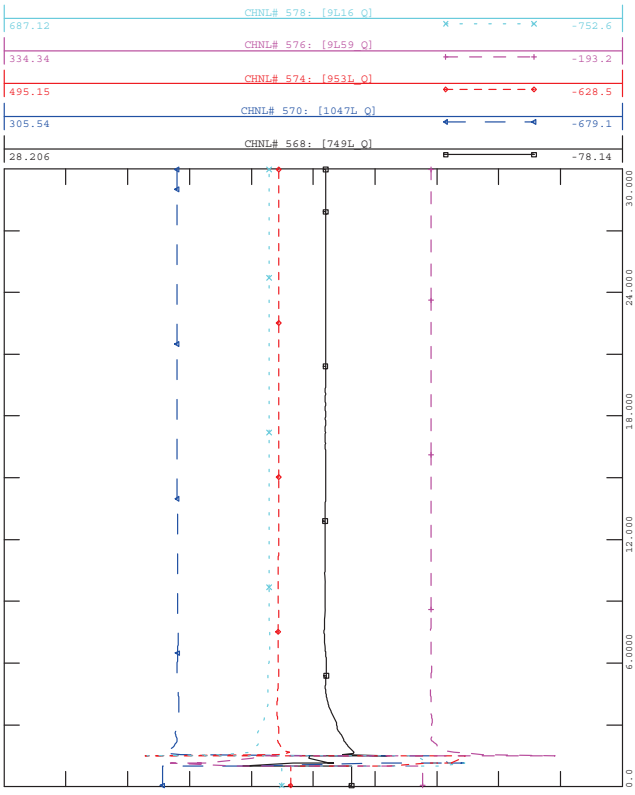


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_34_680L_TUCUMAN

FILE: Scn6_2028WP_34_680L_Tucuman.out

TUE, AUG 13 2024 7:57

BRANCH Q

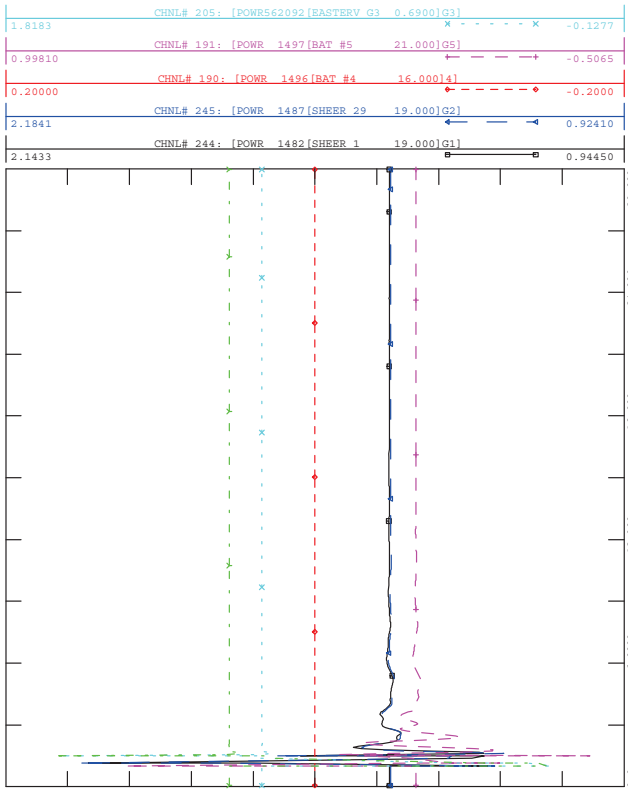


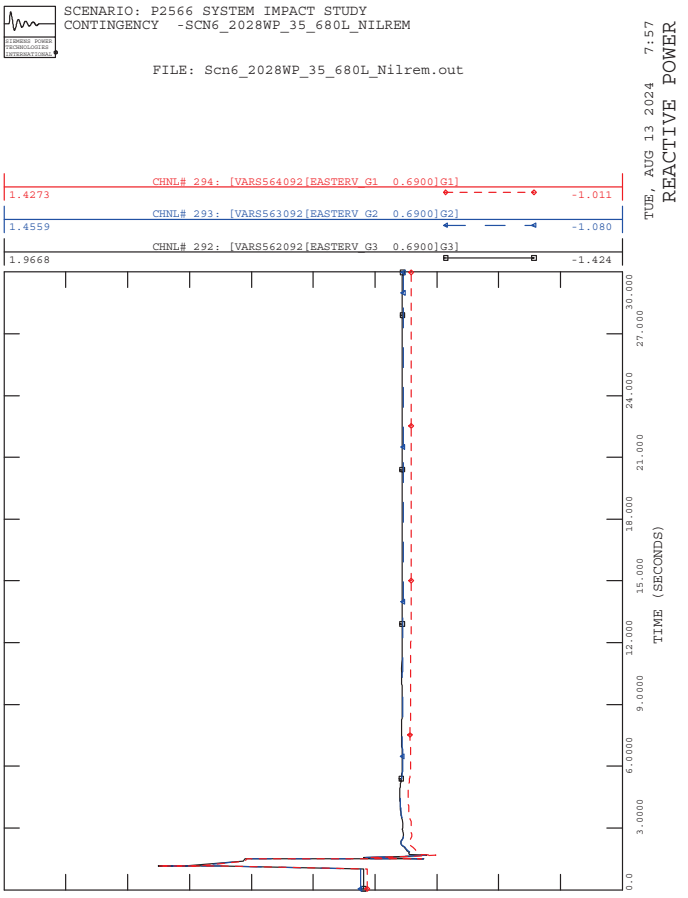
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_35_680L_NILREM

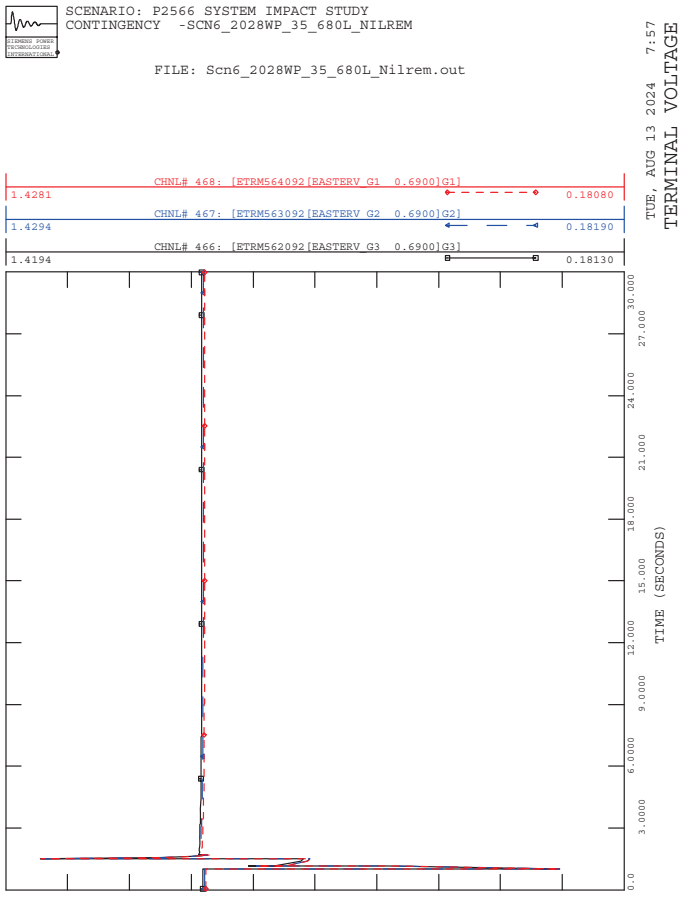
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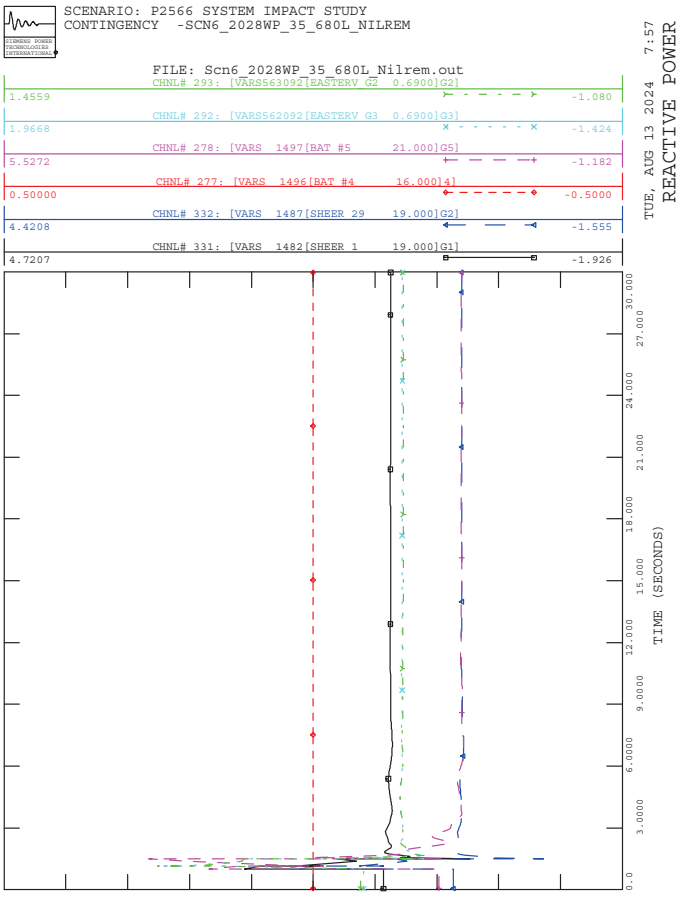
TUE, AUG 13 2024 7:57

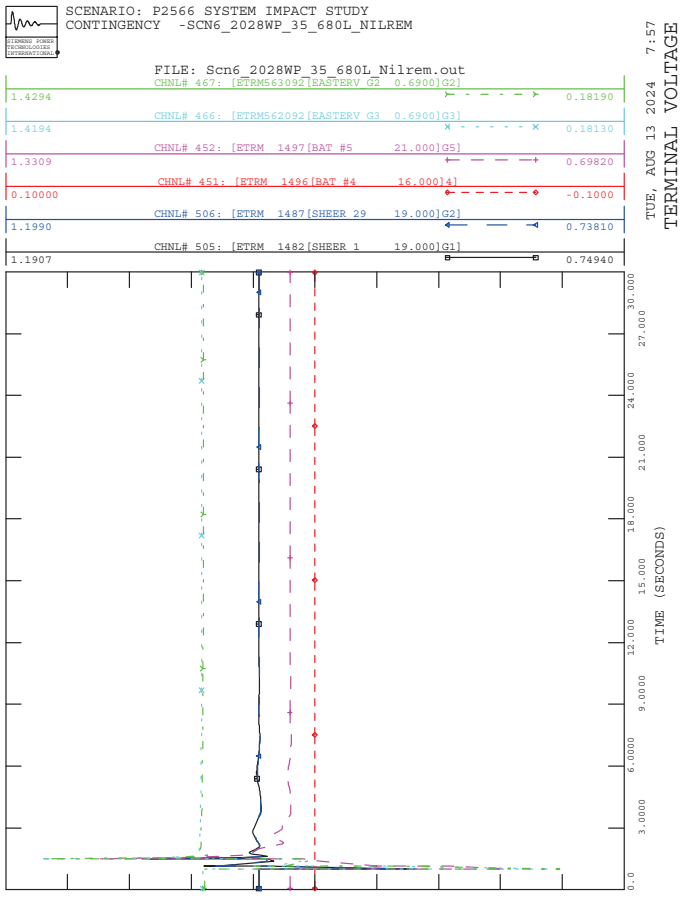
ACTIVE POWER




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_35_680L_NILREM
FILE: Scn6_2028WP_35_680L_Nilrem.out
TUE, AUG 13 2024 7:57
REACTIVE POWER
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.4273
-1.011
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.4559
-1.080
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.9668
-1.424
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_35_680L_NILREM
FILE: Scn6_2028WP_35_680L_Nilrem.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 468: [ETRMS64092[EASTERV G1 0.6900]G1]
1.4281
0.18080
CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.4294
0.18190
CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.4194
0.18130
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_35_680L_NILREM
FILE: Scn6_2028WP_35_680L_Nilrem.out
TUE, AUG 13 2024 7:57
REACTIVE POWER
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.4559
-1.080
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.9668
-1.424
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
5.5272
-1.182
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000
-0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
4.4208
-1.555
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
4.7207
-1.926
TIME (SECONDS)
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3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

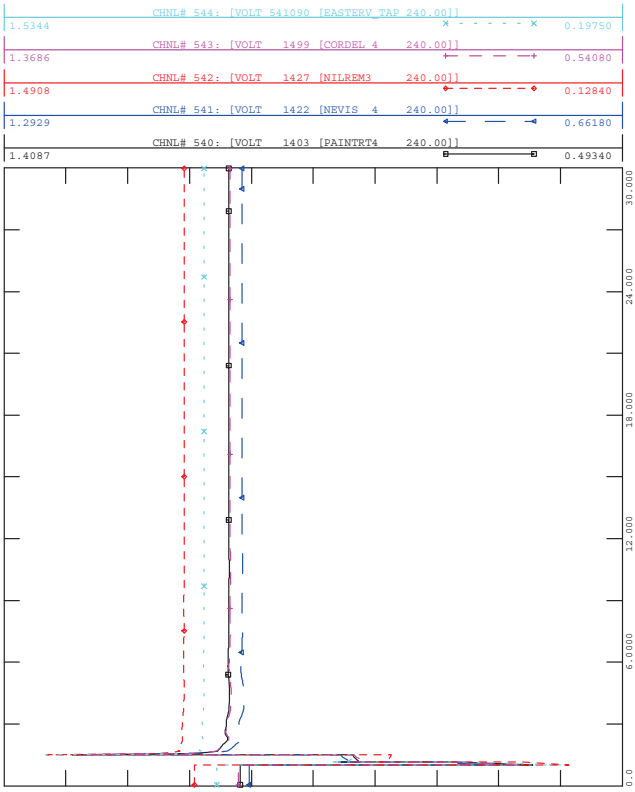

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_35_680L_NILREM
FILE: Scn6_2028WP_35_680L_Nilrem.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 467: [ETRMS63092[EASTERV G2 0.6900]G2]
1.4294
0.18190
CHNL# 466: [ETRMS62092[EASTERV G3 0.6900]G3]
1.4194
0.18130
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.3309
0.69820
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000
-0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1990
0.73810
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1907
0.74940
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_35_680L_NILREM

FILE: Scn6_2028WP_35_680L_Nilrem.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

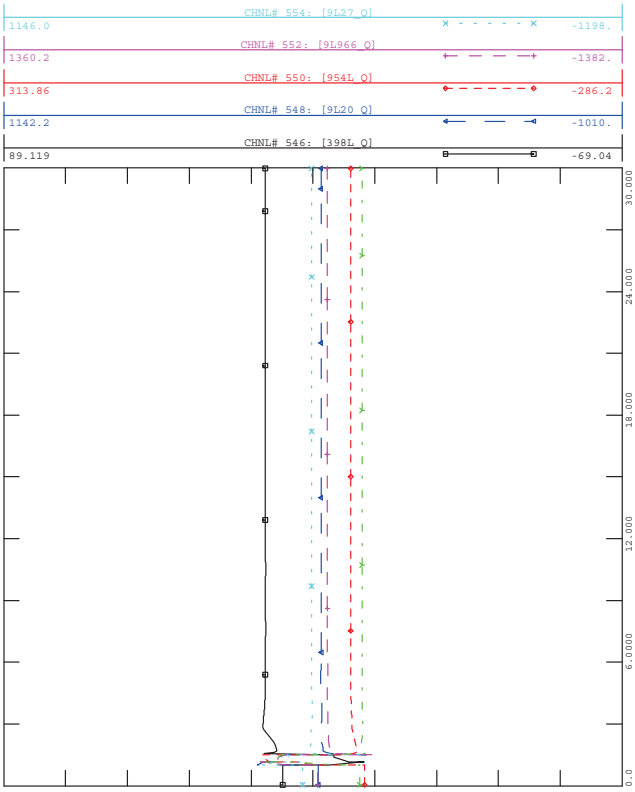


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_35_680L_NILREM

FILE: Scn6_2028WP_35_680L_Nilrem.out

TUE, AUG 13 2024 7:57

BRANCH Q

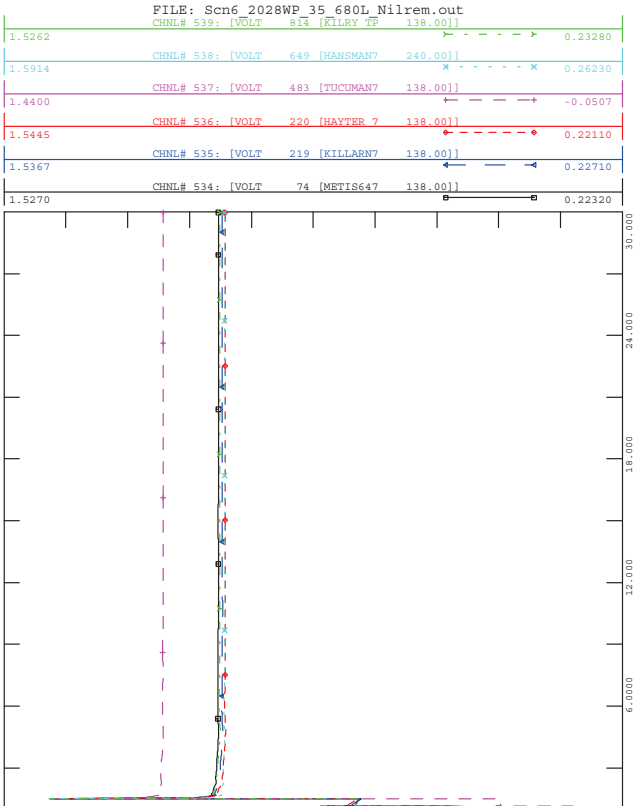


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_35_680L_NILREM

FILE: Scn6_2028WP_35_680L_Nilrem.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

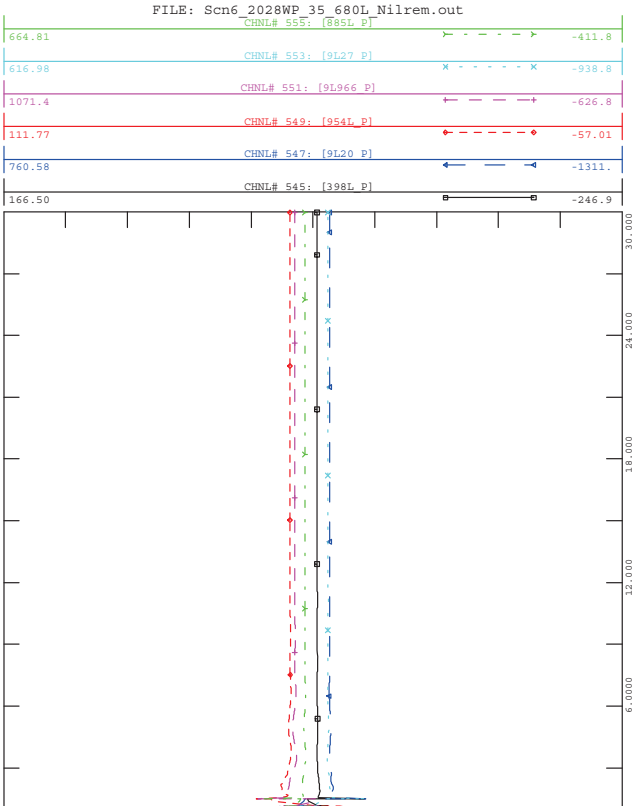


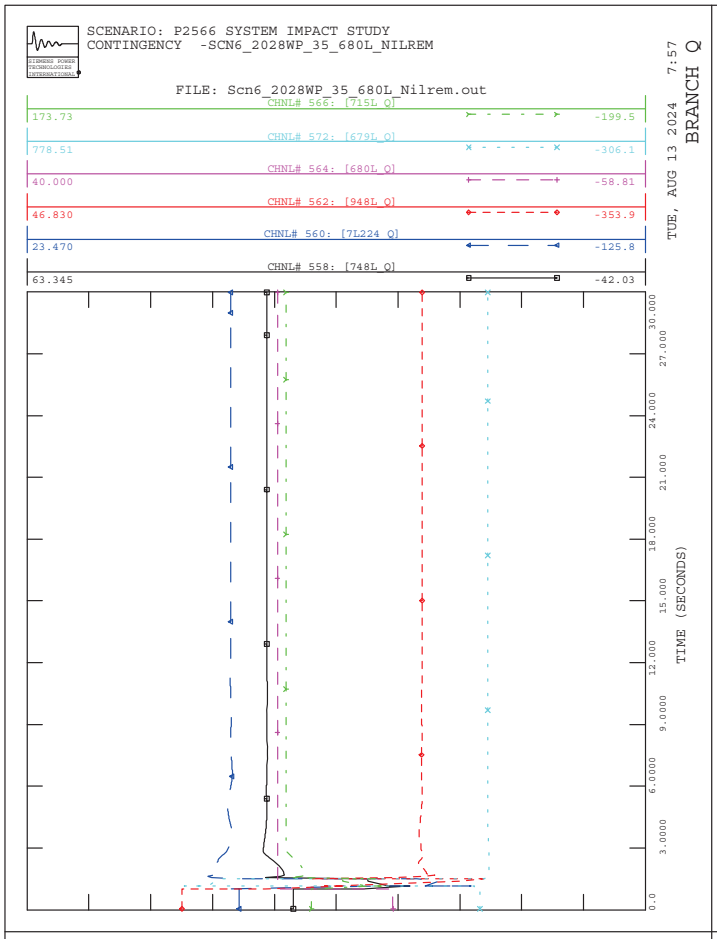
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_35_680L_NILREM

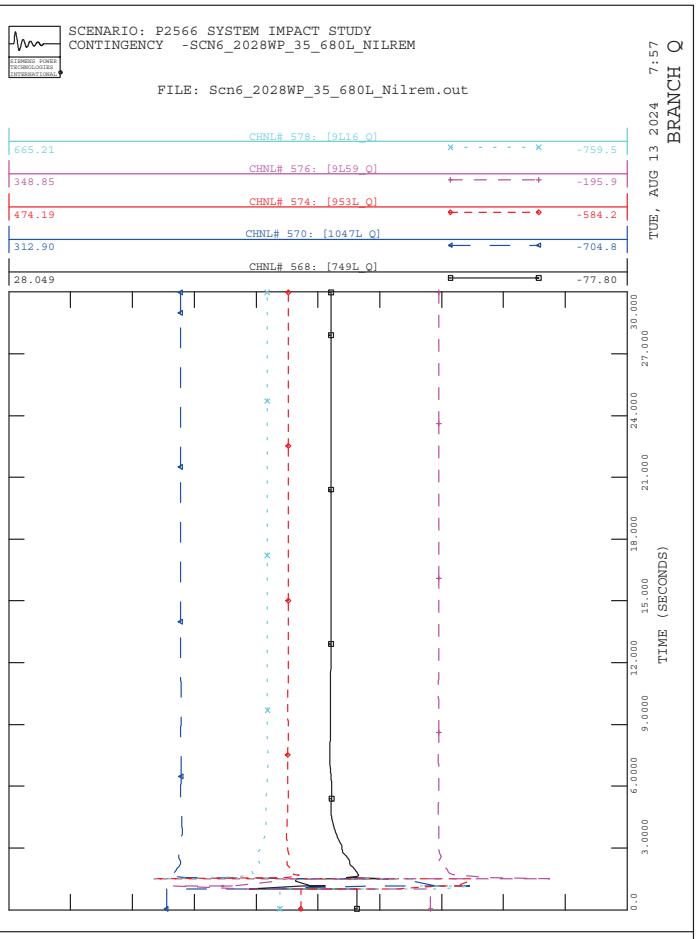
FILE: Scn6_2028WP_35_680L_Nilrem.out

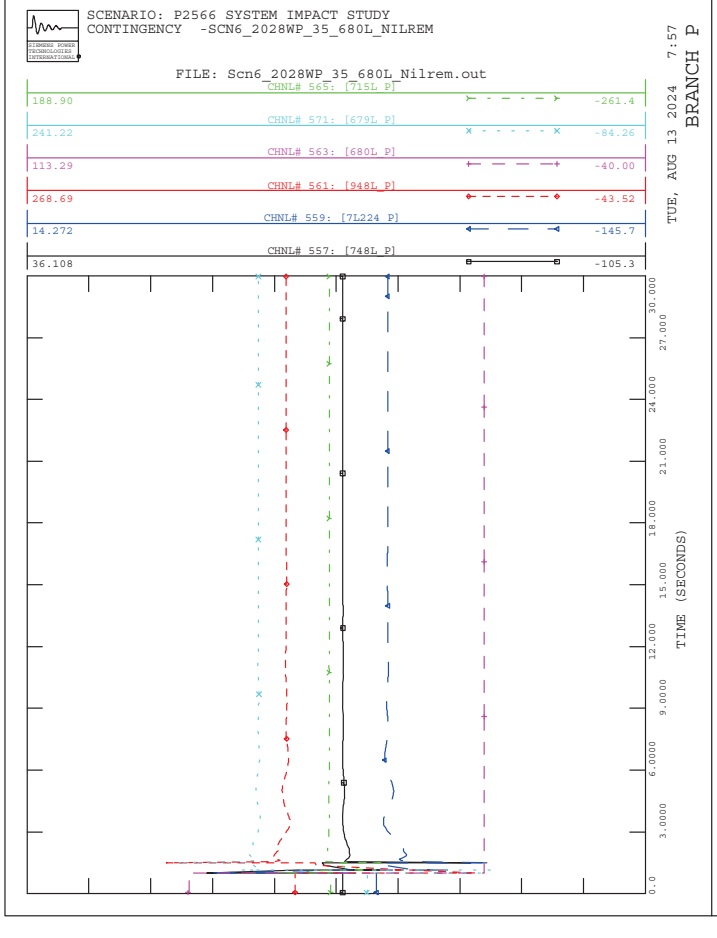
TUE, AUG 13 2024 7:57

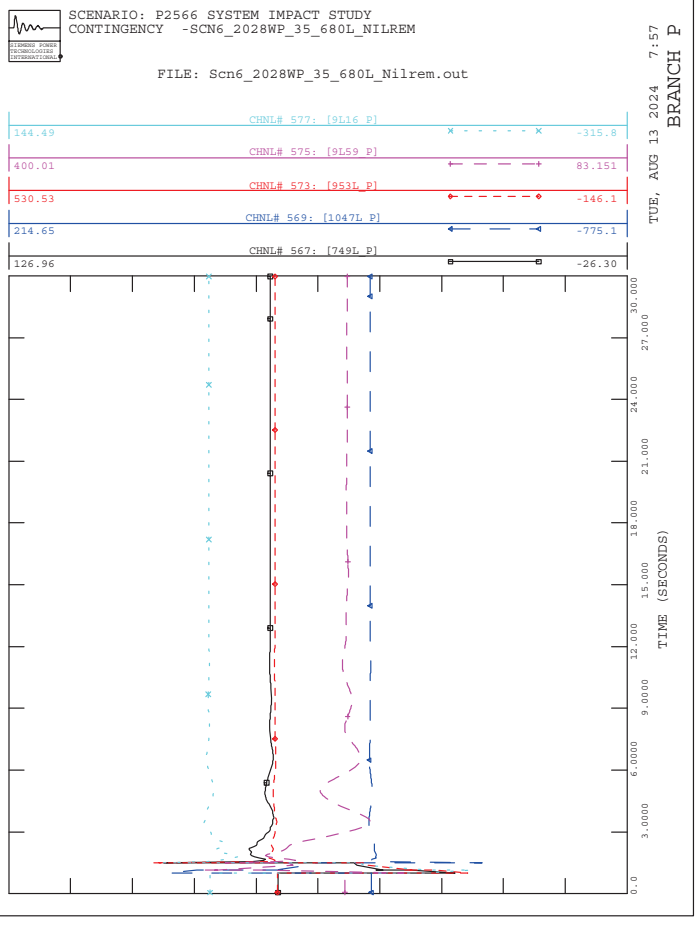
BRANCH P

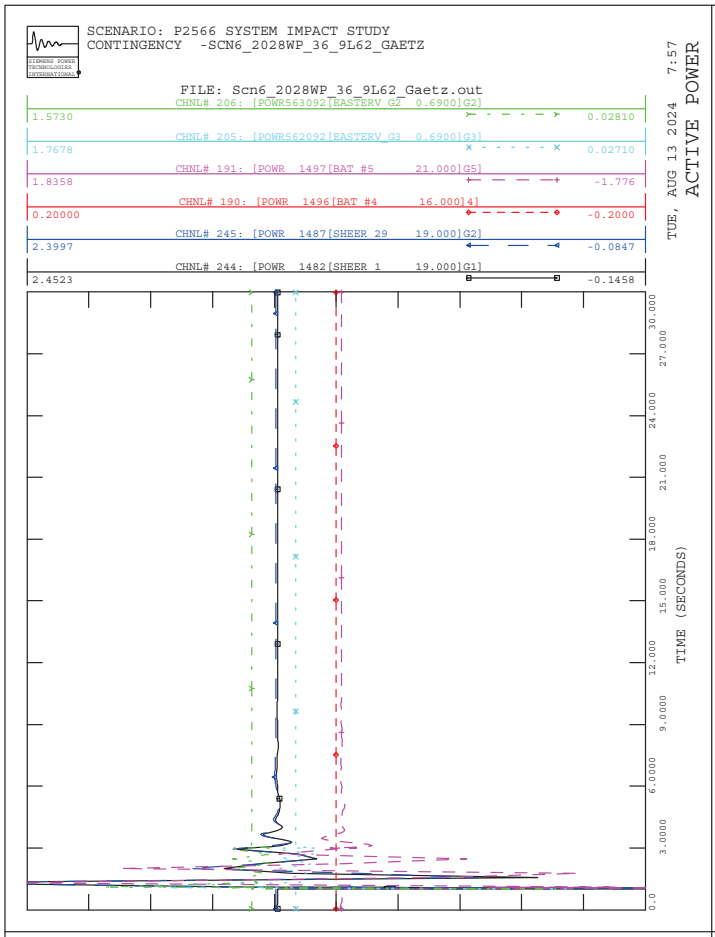


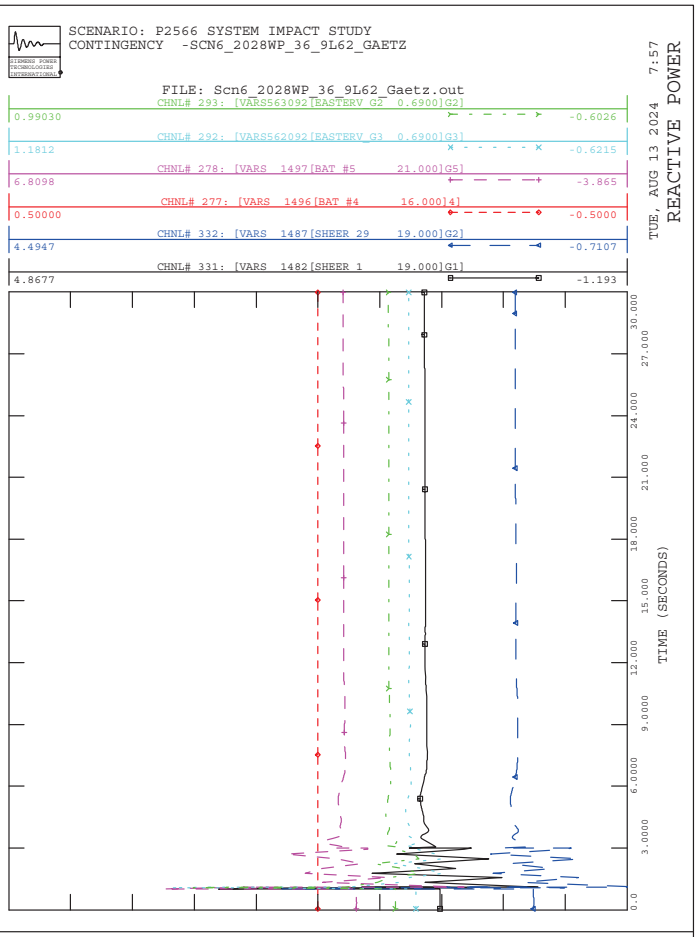

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_35_680L_NILREM
FILE: Scn6_2028WP_35_680L_Nilrem.out
CHNL# 566: [715L Q]
173.73
-199.5
CHNL# 572: [679L Q]
778.51
-306.1
CHNL# 564: [680L Q]
40.000
-58.81
CHNL# 562: [948L Q]
46.830
-353.9
CHNL# 560: [7L224 Q]
23.470
-125.8
CHNL# 558: [748L Q]
63.345
-42.03
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

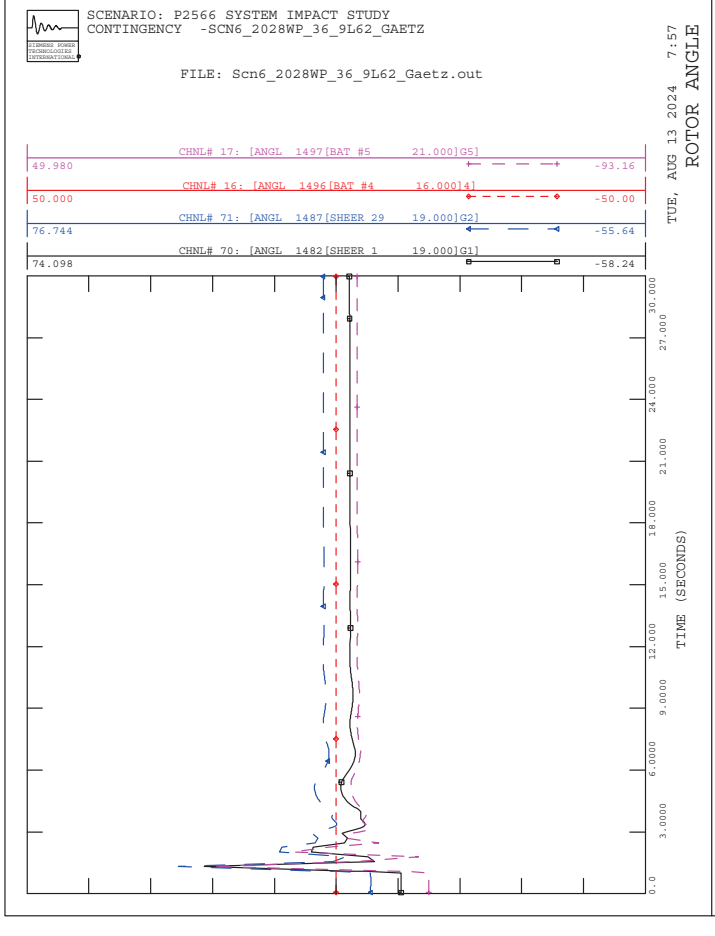

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_35_680L_NILREM
FILE: Scn6_2028WP_35_680L_Nilrem.out
CHNL# 578: [9L16 Q]
665.21
-759.5
CHNL# 576: [9L59 Q]
348.85
-195.9
CHNL# 574: [953L Q]
474.19
-584.2
CHNL# 570: [1047L Q]
312.90
-704.8
CHNL# 568: [749L Q]
28.049
-77.80
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

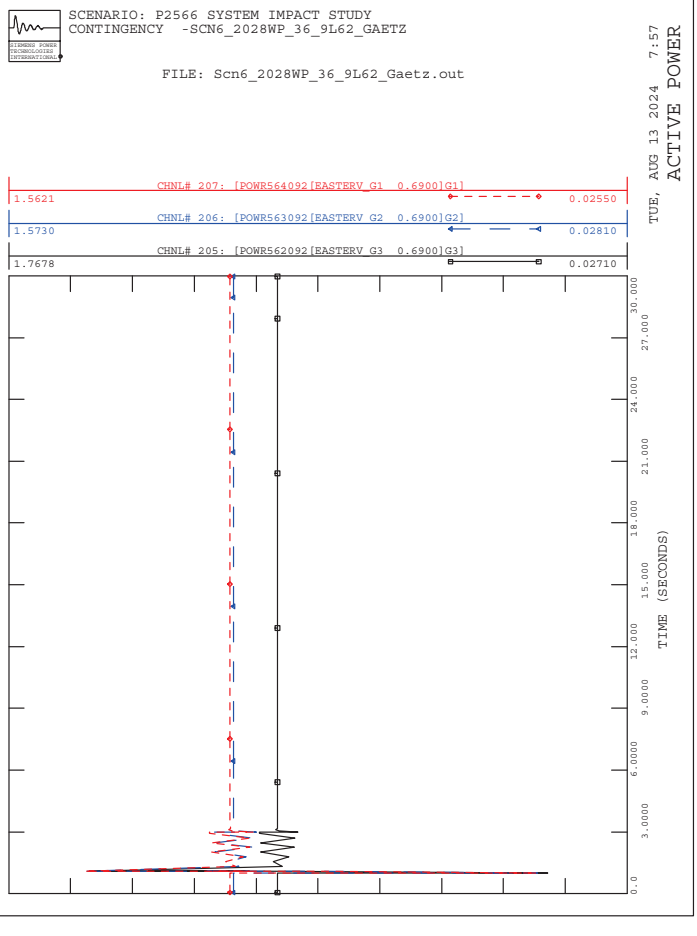

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_35_680L_NILREM
FILE: Scn6_2028WP_35_680L_Nilrem.out
CHNL# 565: [715L P]
188.90
-261.4
CHNL# 571: [679L P]
241.22
-84.26
CHNL# 563: [680L P]
113.29
-40.00
CHNL# 561: [948L P]
268.69
-43.52
CHNL# 559: [7L224 P]
14.272
-145.7
CHNL# 557: [748L P]
36.108
-105.3
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

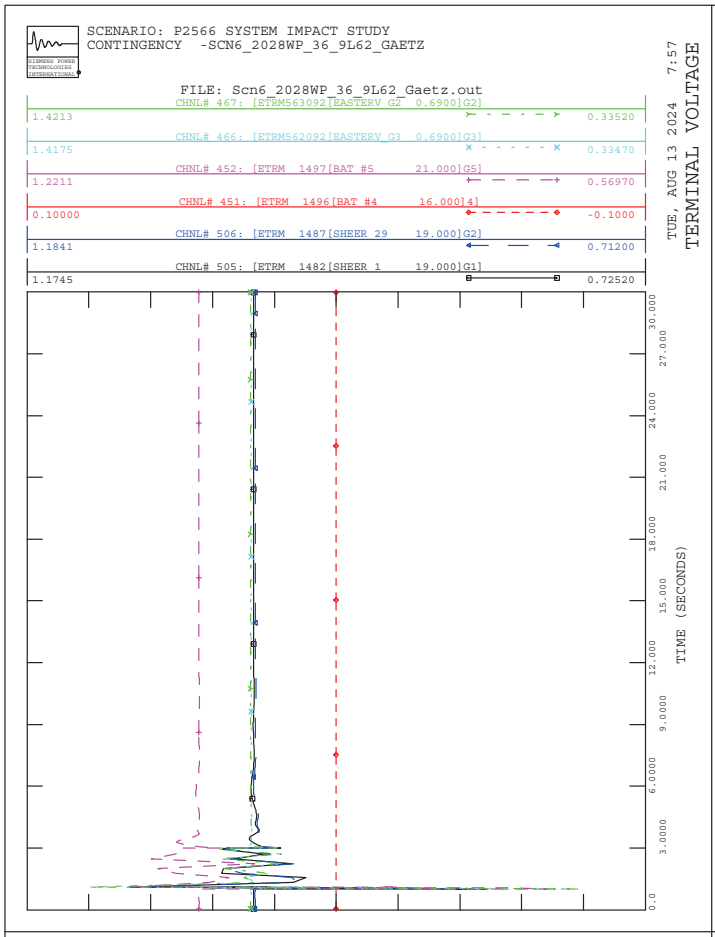

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_35_680L_NILREM
FILE: Scn6_2028WP_35_680L_Nilrem.out
CHNL# 577: [9L16 P]
144.49
-315.8
CHNL# 575: [9L59 P]
400.01
83.151
CHNL# 573: [953L P]
530.53
-146.1
CHNL# 569: [1047L P]
214.65
-775.1
CHNL# 567: [749L P]
126.96
-26.30
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

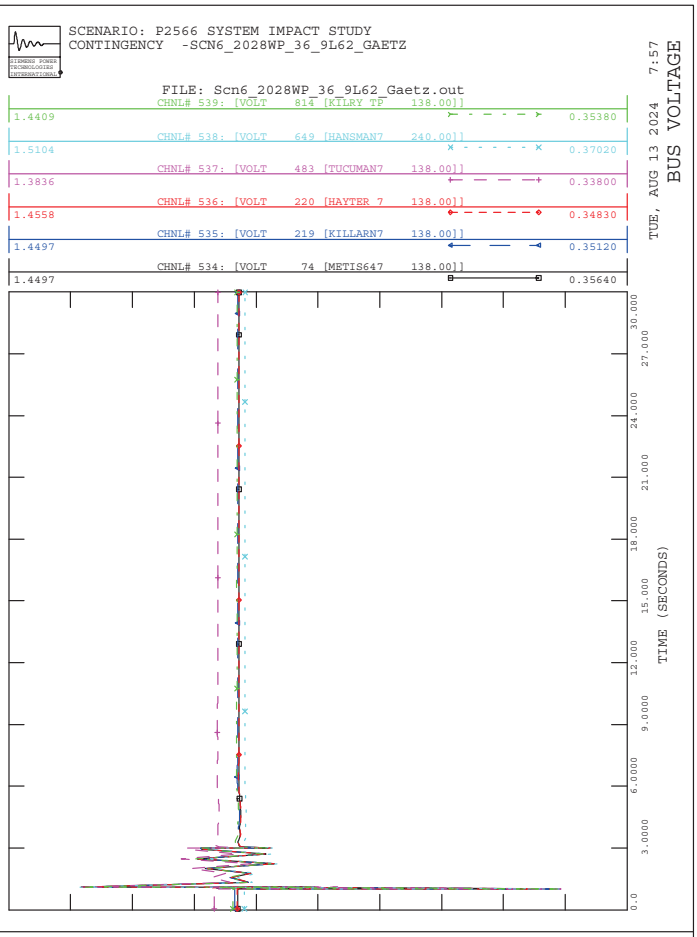

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_36_9L62_GAETZ
FILE: Scn6_2028WP_36_9L62_Gaetz.out
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.5730
0.02810
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.7678
0.02710
CHNL# 191: [POWR 1497[BAT #5 21.000]G5]
1.8358
-1.776
CHNL# 190: [POWR 1496[BAT #4 16.000]4]
0.20000
-0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2]
2.3997
-0.0847
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1]
2.4523
-0.1458
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

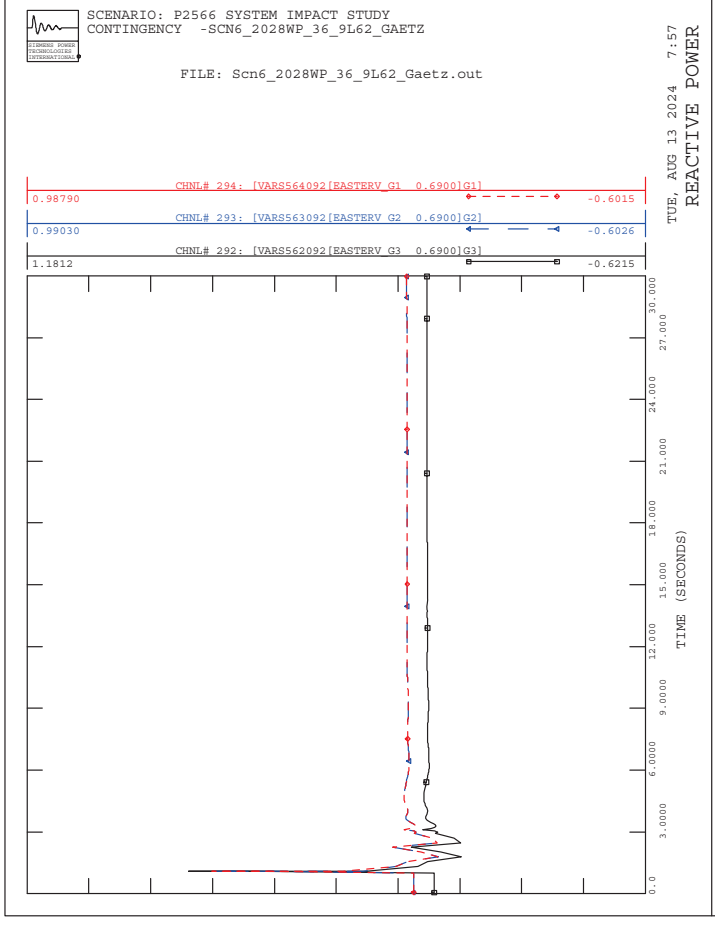

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_36_9L62_GAETZ
FILE: Scn6_2028WP_36_9L62_Gaetz.out
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.99030
-0.6026
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.1812
-0.6215
CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
6.8098
-3.865
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000
-0.5000
CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
4.4947
-0.7107
CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
4.8677
-1.193
TUE, AUG 13 2024 7:57
REACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

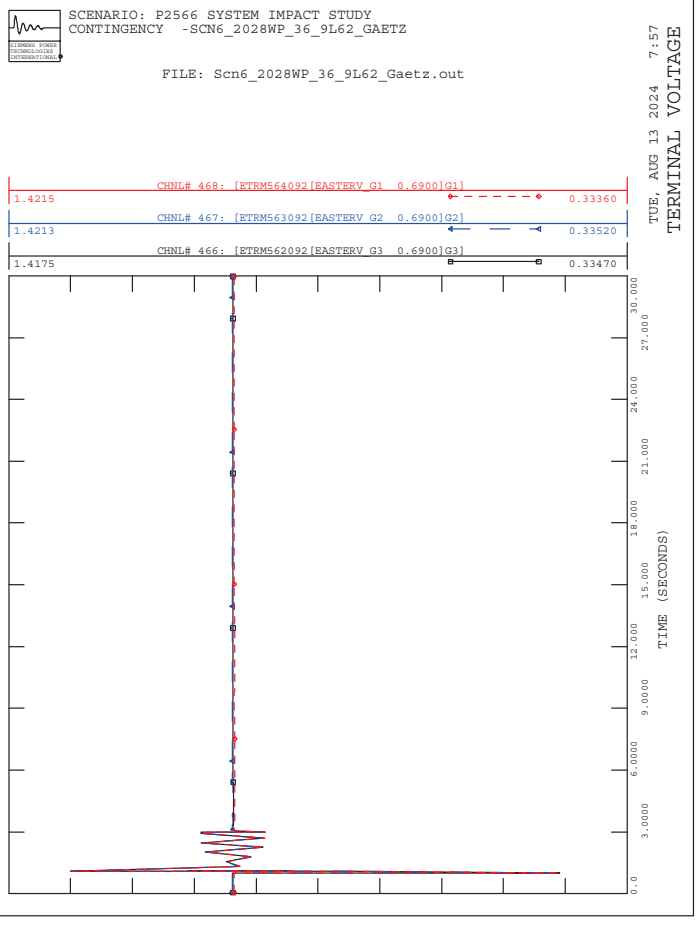

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_36_9L62_GAETZ
FILE: Scn6_2028WP_36_9L62_Gaetz.out
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
49.980
-93.16
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000
-50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
76.744
-55.64
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
74.098
-58.24
TUE, AUG 13 2024 7:57
ROTOR ANGLE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

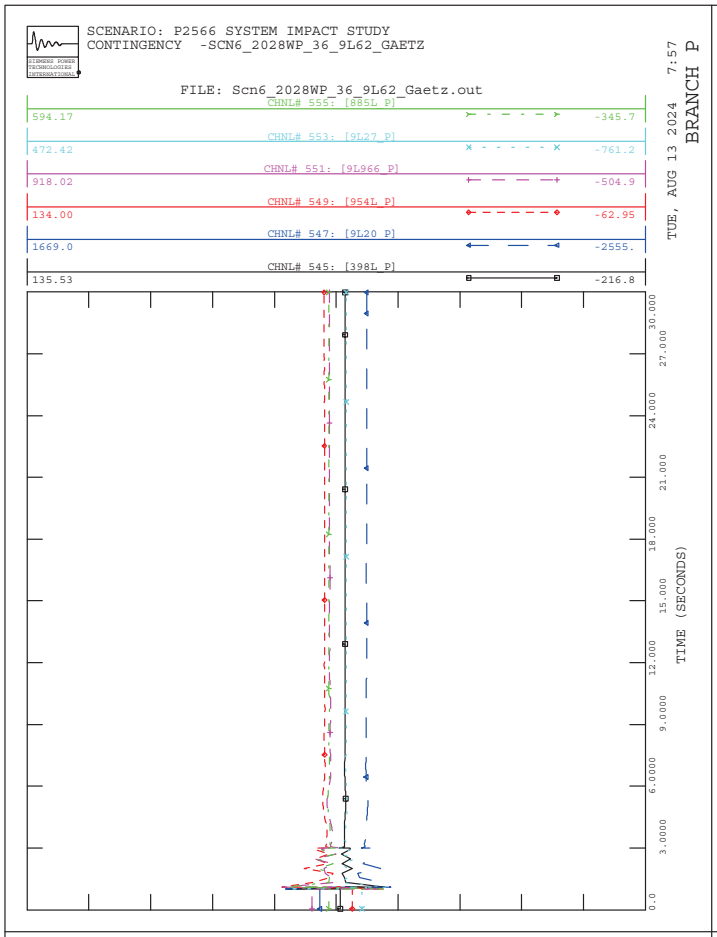

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_36_9L62_GAETZ
FILE: Scn6_2028WP_36_9L62_Gaetz.out
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.5621
0.02550
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.5730
0.02810
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.7678
0.02710
TUE, AUG 13 2024 7:57
ACTIVE POWER
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

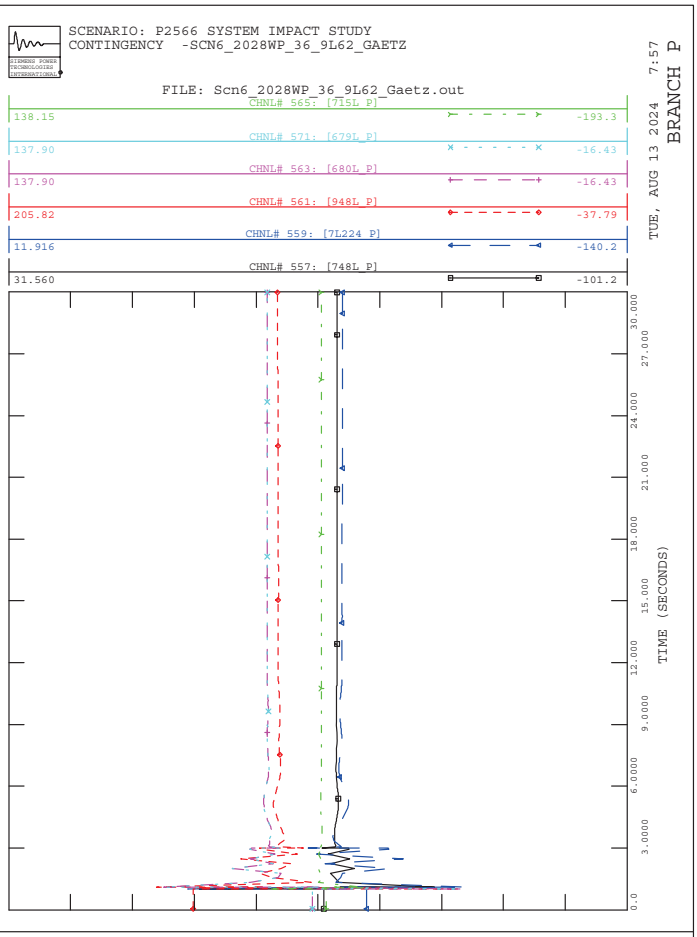

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_36_9L62_GAETZ
FILE: Scn6_2028WP_36_9L62_Gaetz.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4213
0.33520
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4175
0.33470
CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2211
0.56970
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000
-0.1000
CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.1841
0.71200
CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.1745
0.72520
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)

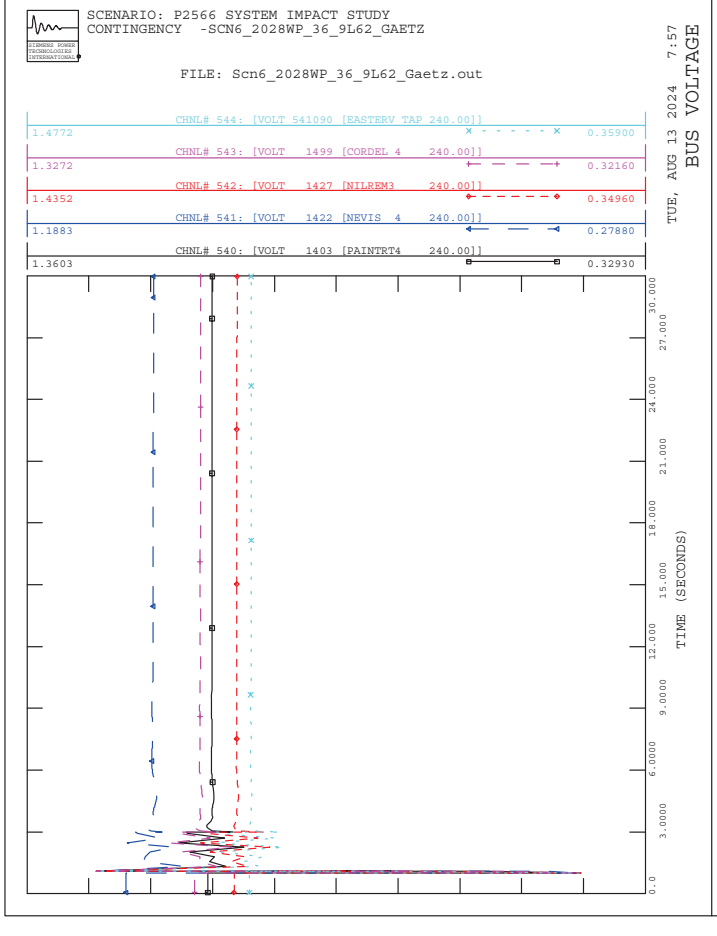

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_36_9L62_GAETZ
FILE: Scn6_2028WP_36_9L62_Gaetz.out
TUE, AUG 13 2024 7:57
BUS VOLTAGE
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4409
0.35380
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5104
0.37020
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3836
0.33800
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4558
0.34830
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4497
0.35120
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4497
0.35640
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)

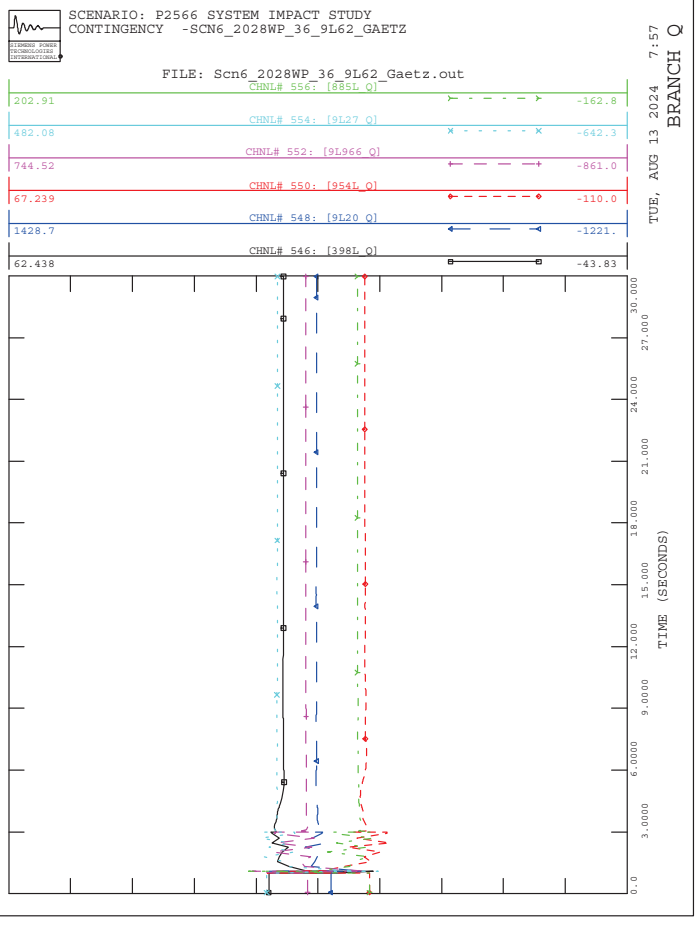

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_36_9L62_GAETZ
FILE: Scn6_2028WP_36_9L62_Gaetz.out
TUE, AUG 13 2024 7:57
REACTIVE POWER
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
0.98790
-0.6015
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
0.99030
-0.6026
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.1812
-0.6215
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)

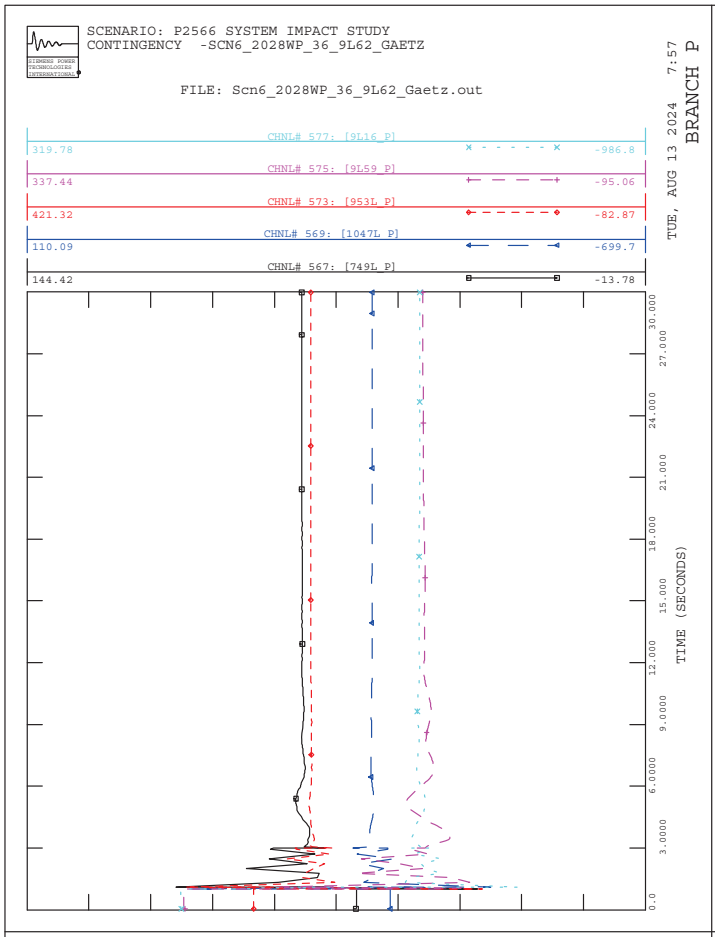

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_36_9L62_GAETZ
FILE: Scn6_2028WP_36_9L62_Gaetz.out
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.4215
0.33360
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4213
0.33520
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4175
0.33470
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)

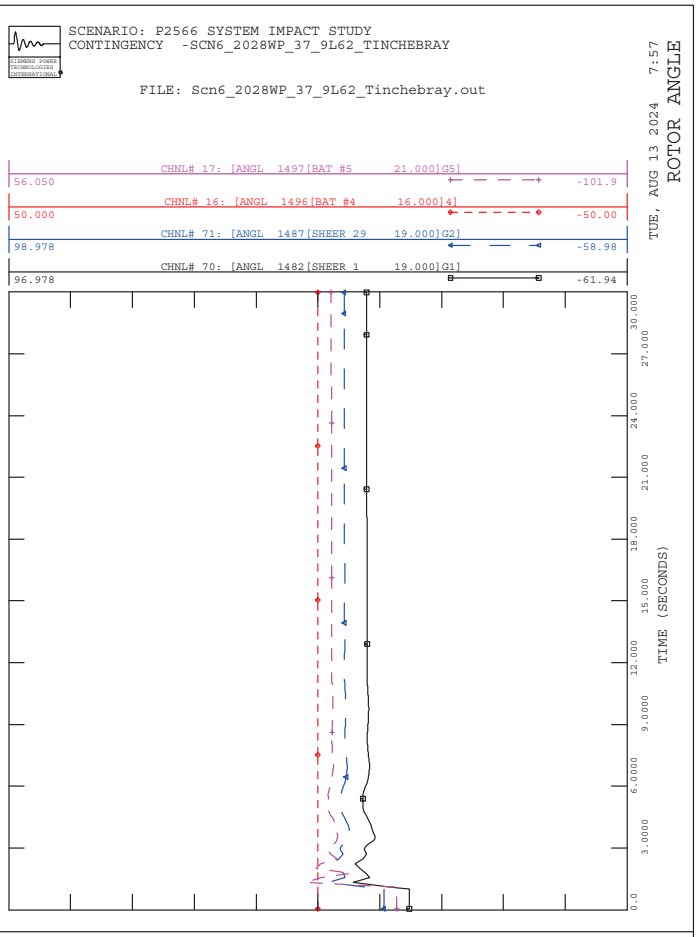

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_36_9L62_GAETZ
FILE: Scn6_2028WP_36_9L62_Gaetz.out
CHNL# 555: [885L P]
594.17
-345.7
CHNL# 553: [9L27 P]
472.42
-761.2
CHNL# 551: [9L966 P]
918.02
-504.9
CHNL# 549: [954L P]
134.00
-62.95
CHNL# 547: [9L20 P]
1669.0
-2555.
CHNL# 545: [398L P]
135.53
-216.8
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

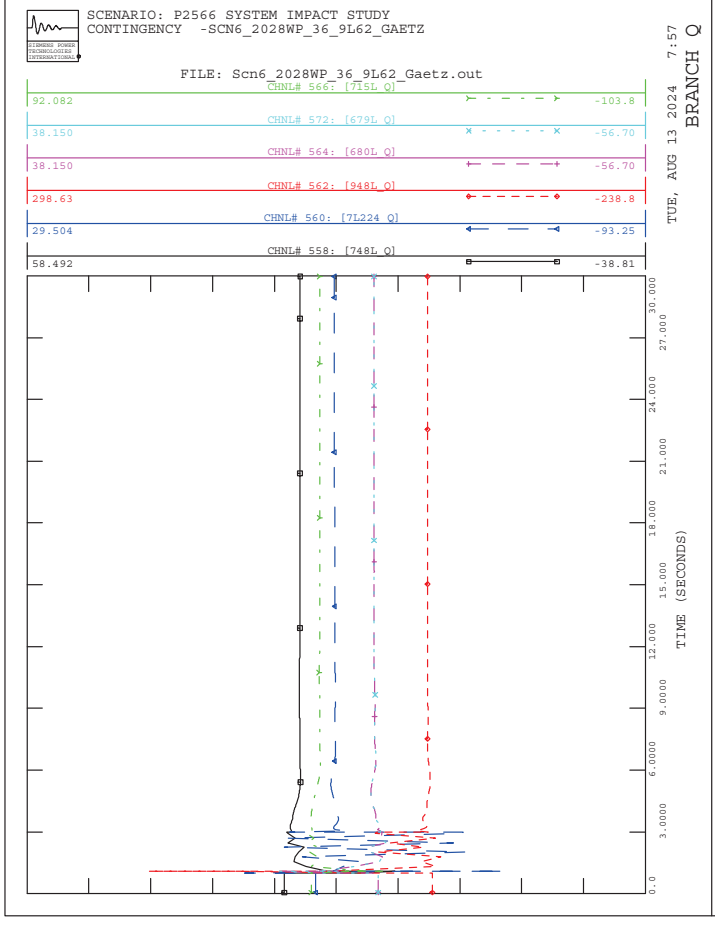

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_36_9L62_GAETZ
FILE: Scn6_2028WP_36_9L62_Gaetz.out
CHNL# 565: [715L P]
138.15
-193.3
CHNL# 571: [679L P]
137.90
-16.43
CHNL# 563: [680L P]
137.90
-16.43
CHNL# 561: [948L P]
205.82
-37.79
CHNL# 559: [7L224 P]
11.916
-140.2
CHNL# 557: [748L P]
31.560
-101.2
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
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3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

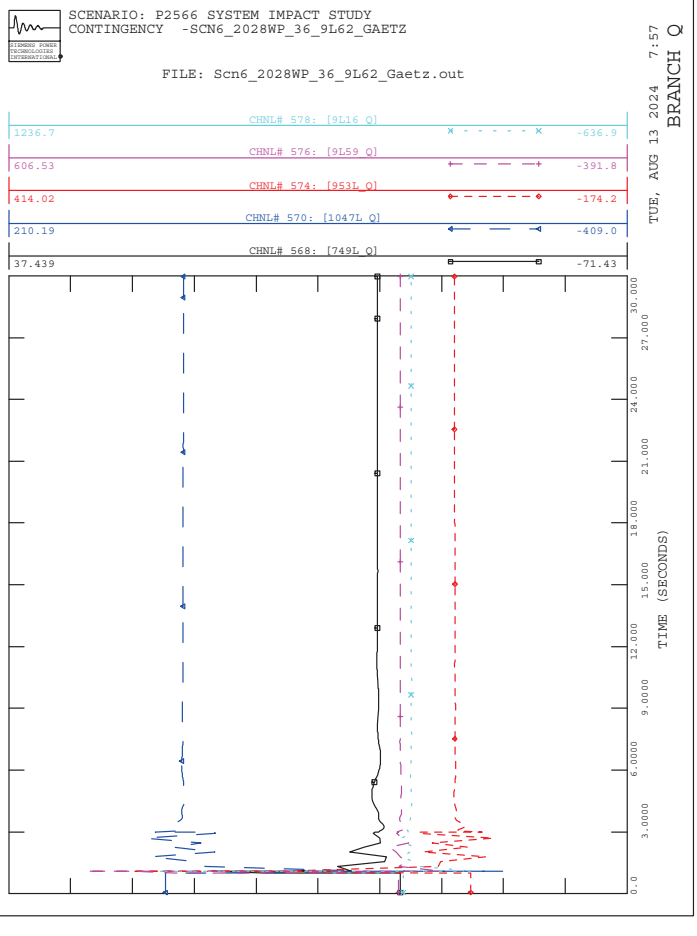

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_36_9L62_GAETZ
FILE: Scn6_2028WP_36_9L62_Gaetz.out
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.4772
0.35900
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.3272
0.32160
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4352
0.34960
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.1883
0.27880
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.3603
0.32930
TUE, AUG 13 2024 7:57
BUS VOLTAGE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_36_9L62_GAETZ
FILE: Scn6_2028WP_36_9L62_Gaetz.out
CHNL# 556: [885L Q]
202.91
-162.8
CHNL# 554: [9L27 Q]
482.08
-642.3
CHNL# 552: [9L966 Q]
744.52
-861.0
CHNL# 550: [954L Q]
67.239
-110.0
CHNL# 548: [9L20 Q]
1428.7
-1221.
CHNL# 546: [398L Q]
62.438
-43.83
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_36_9L62_GAETZ
FILE: Scn6_2028WP_36_9L62_Gaetz.out
CHNL# 577: [9L16_P]
319.78
-986.8
CHNL# 575: [9L59_P]
337.44
-95.06
CHNL# 573: [953L_P]
421.32
-82.87
CHNL# 569: [1047L_P]
110.09
-699.7
CHNL# 567: [749L_P]
144.42
-13.78
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_37_9L62_TINCHEBRAY
FILE: Scn6_2028WP_37_9L62_Tinchebray.out
CHNL# 17: [ANGL 1497[BAT #5 21.000]G5]
56.050
-101.9
CHNL# 16: [ANGL 1496[BAT #4 16.000]4]
50.000
-50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2]
98.978
-58.98
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1]
96.978
-61.94
TUE, AUG 13 2024 7:57
ROTOR ANGLE
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_36_9L62_GAETZ
FILE: Scn6_2028WP_36_9L62_Gaetz.out
CHNL# 566: [715L_Q]
92.082
-103.8
CHNL# 572: [679L_Q]
38.150
-56.70
CHNL# 564: [680L_Q]
38.150
-56.70
CHNL# 562: [948L_Q]
298.63
-238.8
CHNL# 560: [7L224_Q]
29.504
-93.25
CHNL# 558: [748L_Q]
58.492
-38.81
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

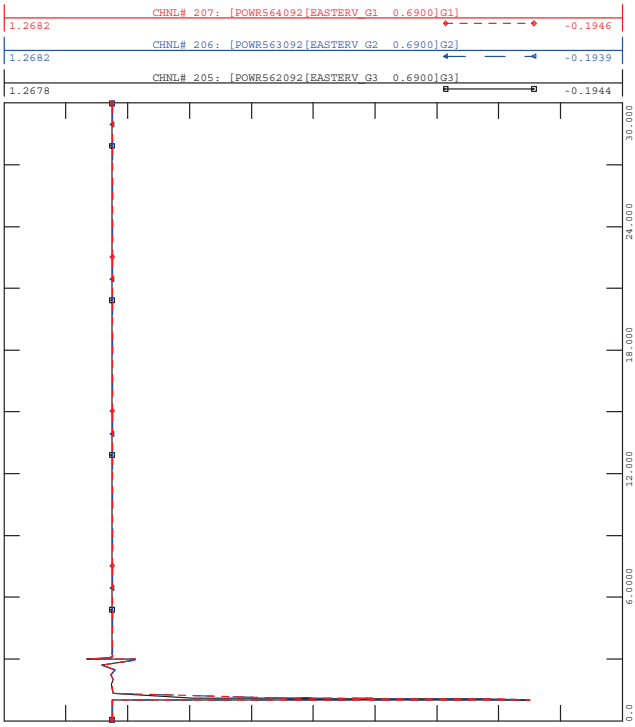

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_36_9L62_GAETZ
FILE: Scn6_2028WP_36_9L62_Gaetz.out
CHNL# 578: [9L16_Q]
1236.7
-636.9
CHNL# 576: [9L59_Q]
606.53
-391.8
CHNL# 574: [953L_Q]
414.02
-174.2
CHNL# 570: [1047L_Q]
210.19
-409.0
CHNL# 568: [749L_Q]
37.439
-71.43
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_37_9L62_TINCHEBRAY

FILE: Scn6_2028WP_37_9L62_Tinchebray.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

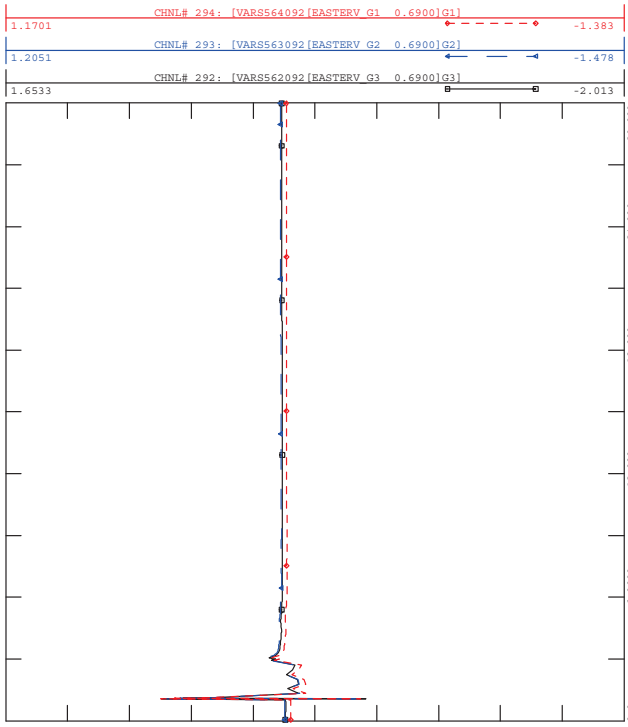


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_37_9L62_TINCHEBRAY

FILE: Scn6_2028WP_37_9L62_Tinchebray.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

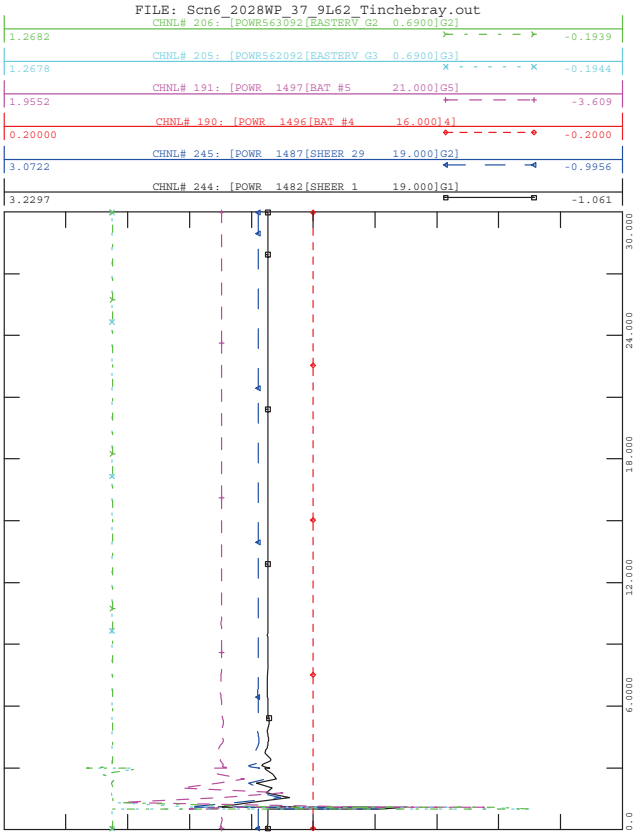


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_37_9L62_TINCHEBRAY

FILE: Scn6_2028WP_37_9L62_Tinchebray.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

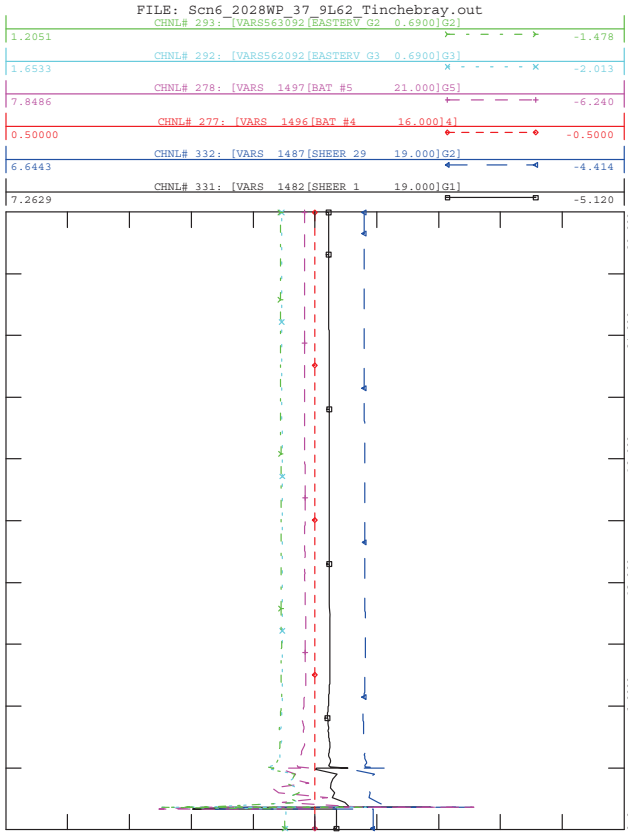


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_37_9L62_TINCHEBRAY

FILE: Scn6_2028WP_37_9L62_Tinchebray.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

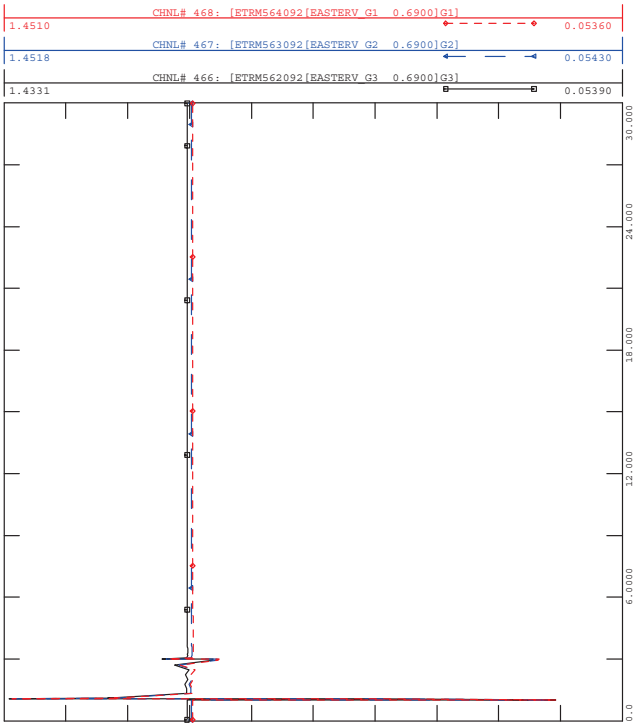


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_37_9L62_TINCHEBRAY

FILE: Scn6_2028WP_37_9L62_Tinchebray.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

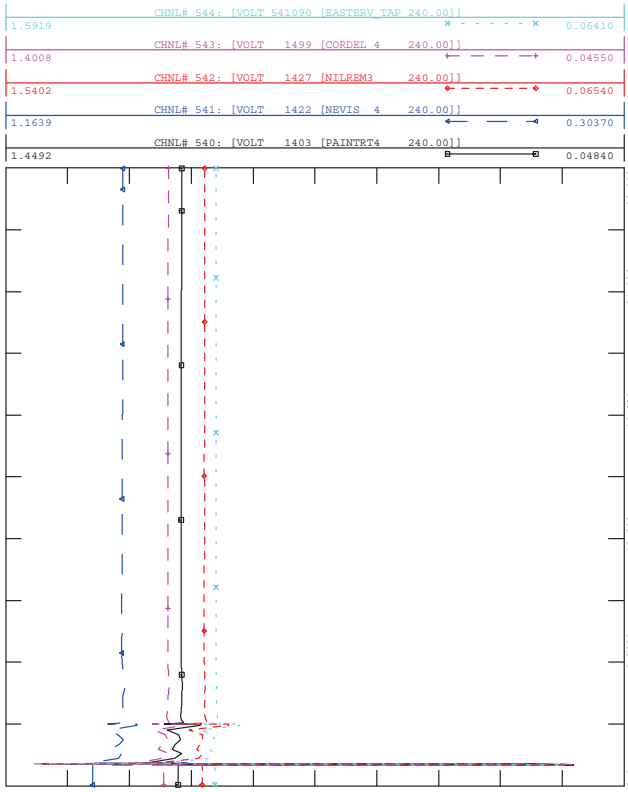


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_37_9L62_TINCHEBRAY

FILE: Scn6_2028WP_37_9L62_Tinchebray.out

TUE, AUG 13 2024 7:57

BUS VOLTAGE

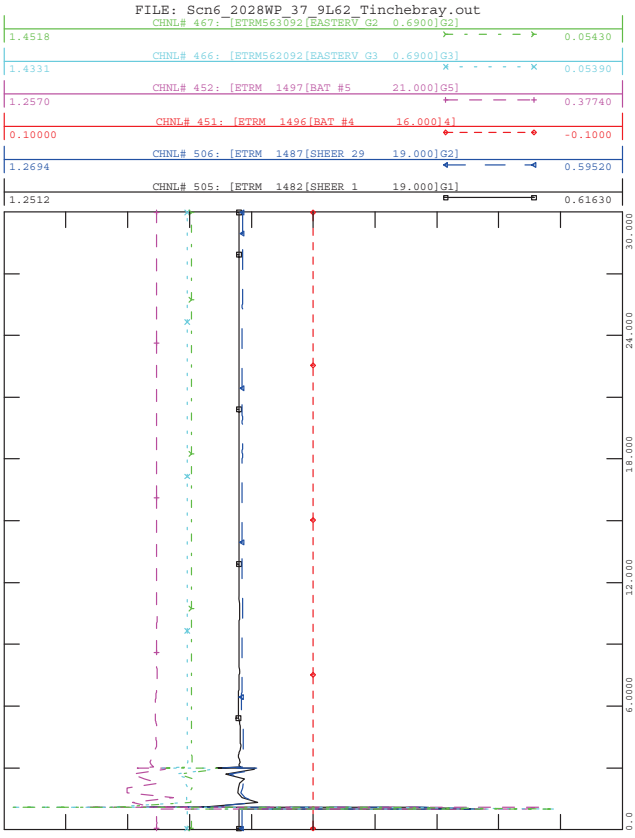


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_37_9L62_TINCHEBRAY

FILE: Scn6_2028WP_37_9L62_Tinchebray.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

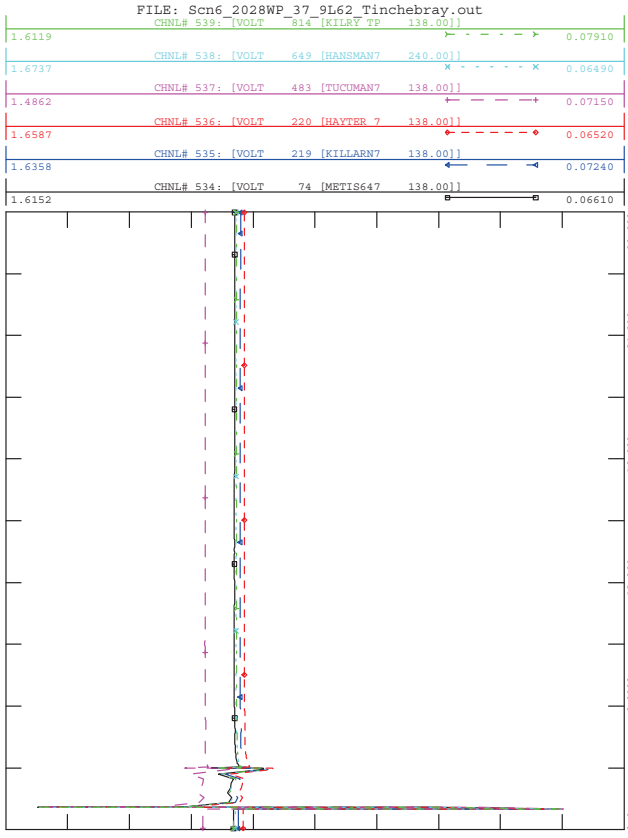


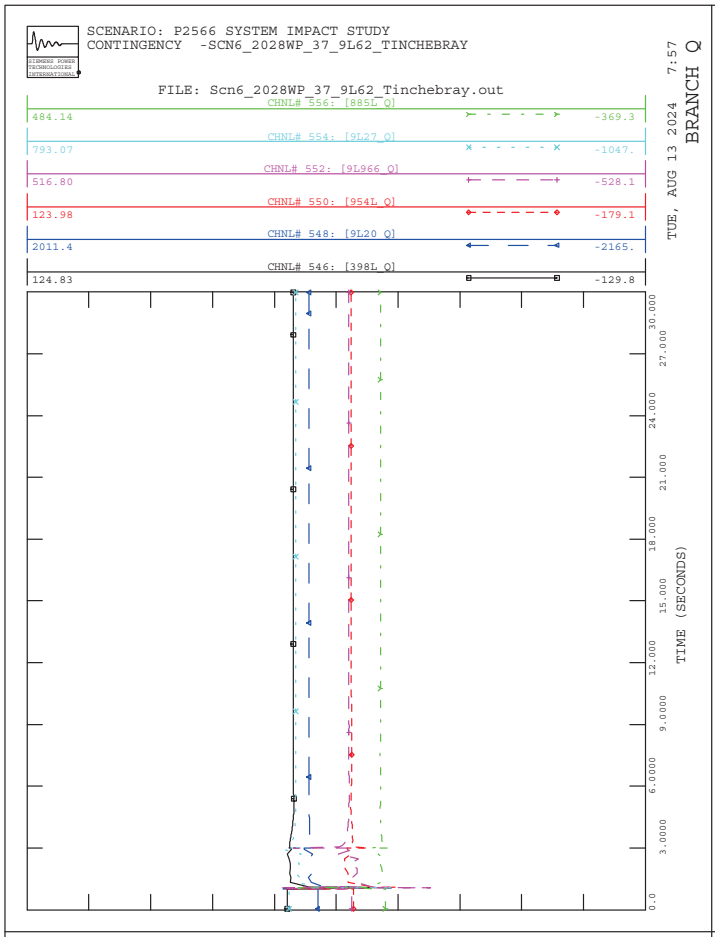
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_37_9L62_TINCHEBRAY

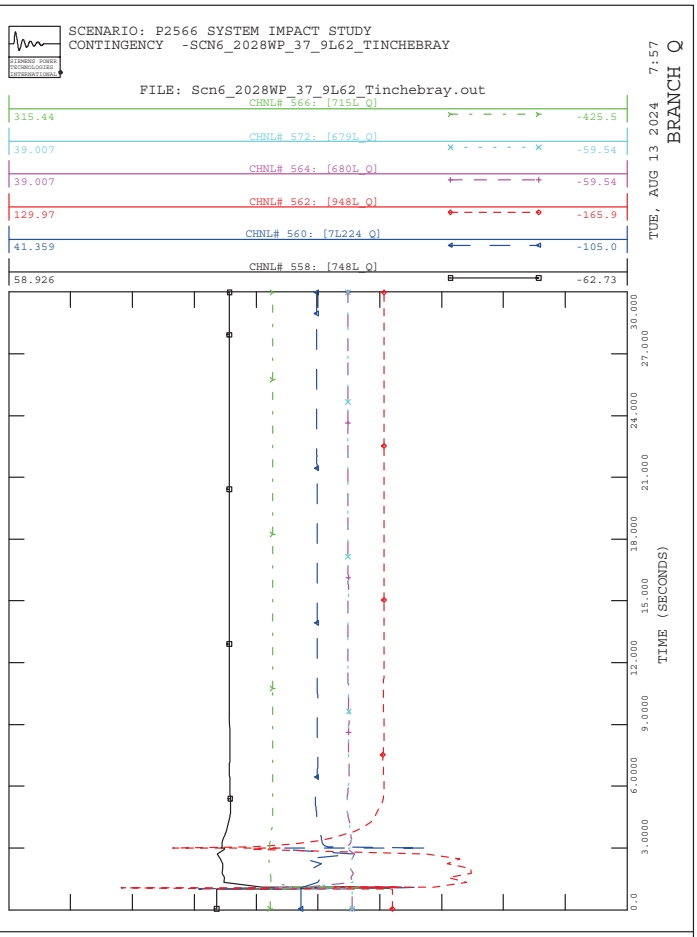
FILE: Scn6_2028WP_37_9L62_Tinchebray.out

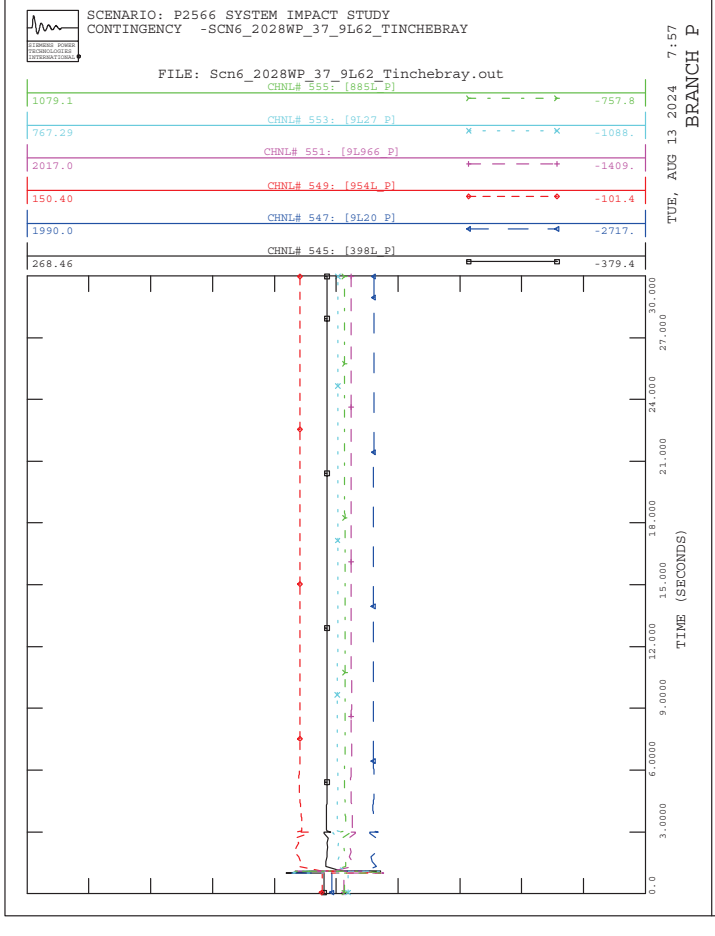
TUE, AUG 13 2024 7:57

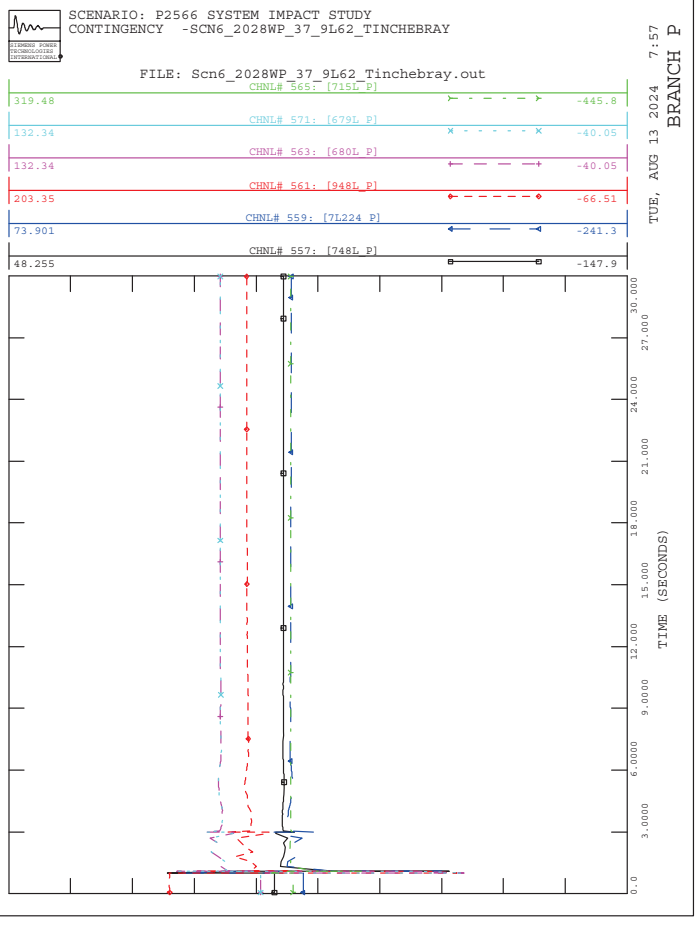
BUS VOLTAGE




SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_37_9L62_TINCHEBRAY
FILE: Scn6_2028WP_37_9L62_Tinchebray.out
CHNL# 556: [885L Q]
484.14
-369.3
CHNL# 554: [9L27 Q]
793.07
-1047.
CHNL# 552: [9L966 Q]
516.80
-528.1
CHNL# 550: [954L Q]
123.98
-179.1
CHNL# 548: [9L20 Q]
2011.4
-2165.
CHNL# 546: [398L Q]
124.83
-129.8
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_37_9L62_TINCHEBRAY
FILE: Scn6_2028WP_37_9L62_Tinchebray.out
CHNL# 566: [715L Q]
315.44
-425.5
CHNL# 572: [679L Q]
39.007
-59.54
CHNL# 564: [680L Q]
39.007
-59.54
CHNL# 562: [948L Q]
129.97
-165.9
CHNL# 560: [7L224 Q]
41.359
-105.0
CHNL# 558: [748L Q]
58.926
-62.73
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_37_9L62_TINCHEBRAY
FILE: Scn6_2028WP_37_9L62_Tinchebray.out
CHNL# 555: [885L P]
1079.1
-757.8
CHNL# 553: [9L27 P]
767.29
-1088.
CHNL# 551: [9L966 P]
2017.0
-1409.
CHNL# 549: [954L P]
150.40
-101.4
CHNL# 547: [9L20 P]
1990.0
-2717.
CHNL# 545: [398L P]
268.46
-379.4
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_37_9L62_TINCHEBRAY
FILE: Scn6_2028WP_37_9L62_Tinchebray.out
CHNL# 565: [715L P]
319.48
-445.8
CHNL# 571: [679L P]
132.34
-40.05
CHNL# 563: [680L P]
132.34
-40.05
CHNL# 561: [948L P]
203.35
-66.51
CHNL# 559: [7L224 P]
73.901
-241.3
CHNL# 557: [748L P]
48.255
-147.9
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

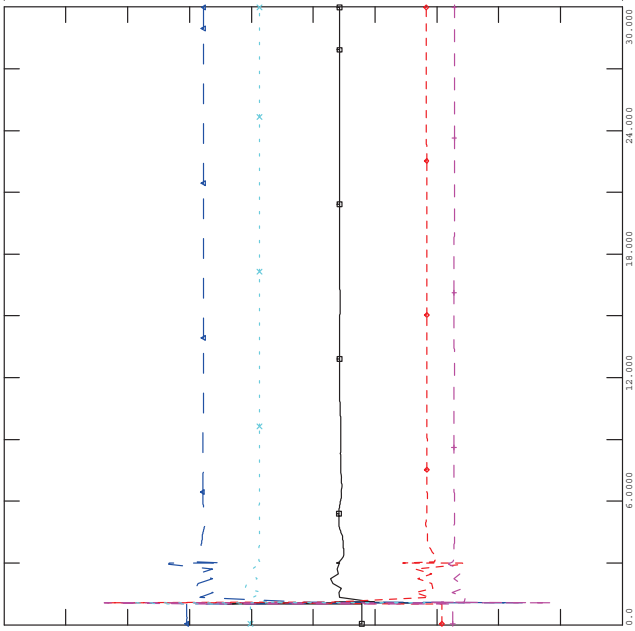
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_37_9L62_TINCHEBRAY

FILE: Scn6_2028WP_37_9L62_Tinchebray.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16_Q] 717.08 -978.7
CHNL# 576: [9L59_Q] 823.77 -342.8
CHNL# 574: [953L_Q] 424.21 -210.9
CHNL# 570: [1047L_Q] 250.11 -416.0
CHNL# 568: [749L_Q] 34.801 -79.89



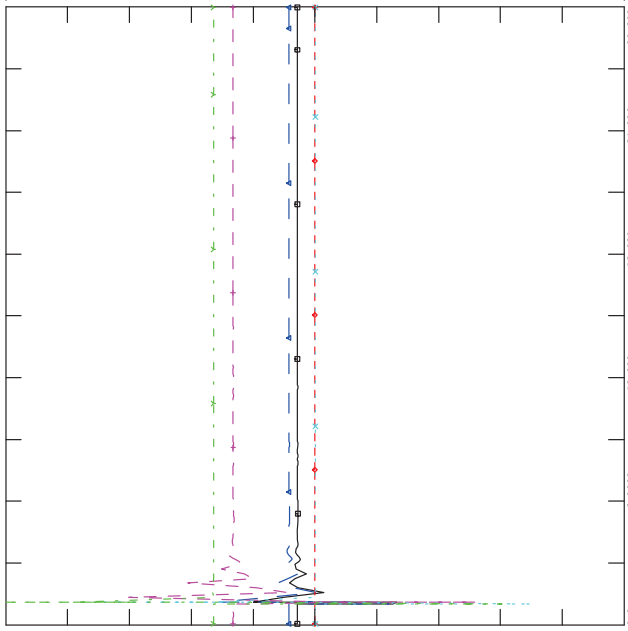
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_38_912L_NEVIS

FILE: Scn6_2028WP_38_912L_Nevis.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2] 1.4750 0.09600
CHNL# 205: [POWR562092[EASTERV_G3 0.6900]G3] 1.9323 0.09480
CHNL# 191: [POWR 1497[BAT #5 21.000]G5] 1.7963 -3.089
CHNL# 190: [POWR 1496[BAT #4 16.000]4] 0.20000 -0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2] 3.2163 -0.7476
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1] 3.3801 -0.8166



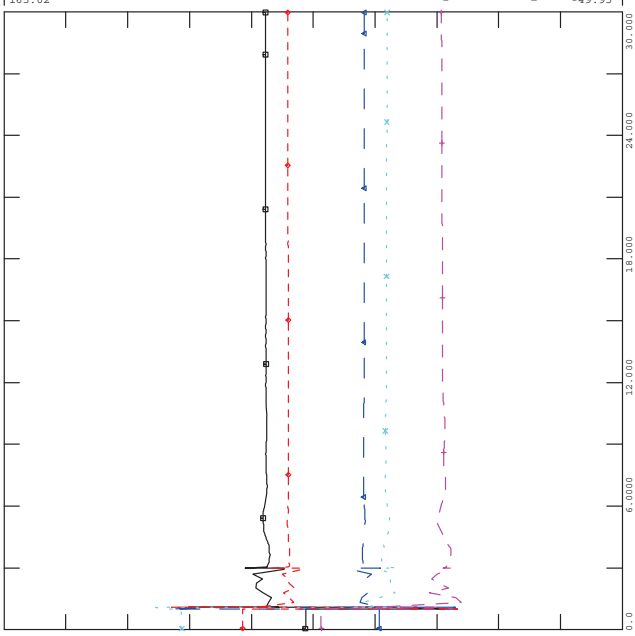
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_37_9L62_TINCHEBRAY

FILE: Scn6_2028WP_37_9L62_Tinchebray.out

TUE, AUG 13 2024 7:57

BRANCH P

CHNL# 577: [9L16_P] 427.35 -1085.
CHNL# 575: [9L59_P] 668.88 -192.5
CHNL# 573: [953L_P] 481.23 -153.6
CHNL# 569: [1047L_P] 236.32 -755.7
CHNL# 567: [749L_P] 165.02 -49.95



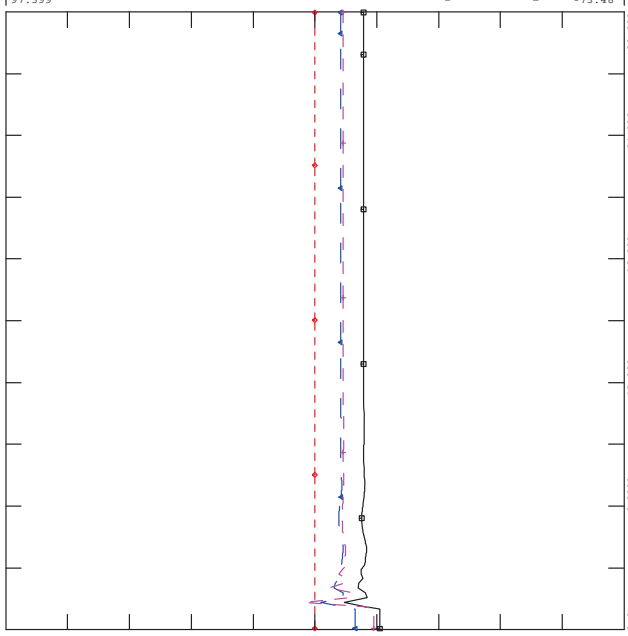
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_38_912L_NEVIS

FILE: Scn6_2028WP_38_912L_Nevis.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5] 54.910 -109.6
CHNL# 16: [ANGL 1496[BAT #4 16.000]4] 50.000 -50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2] 99.006 -70.62
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1] 97.399 -73.48



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_38_912L_NEVIS

FILE: Scn6_2028WP_38_912L_Nevis.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.0319 -0.6886

CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.2096 -0.7255

CHNL# 278: [VARS 1497[BAT #5 21.000]G5]
6.2368 -2.656

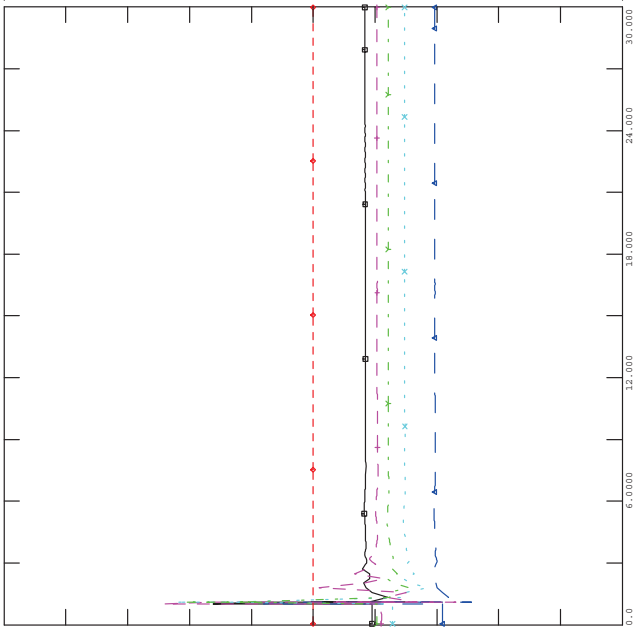
CHNL# 277: [VARS 1496[BAT #4 16.000]4]
0.50000 -0.5000

CHNL# 332: [VARS 1487[SHEER 29 19.000]G2]
4.6467 -1.794

CHNL# 331: [VARS 1482[SHEER 1 19.000]G1]
5.0121 -2.334

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_38_912L_NEVIS

FILE: Scn6_2028WP_38_912L_Nevis.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4901 0.38510

CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4887 0.38450

CHNL# 452: [ETRM 1497[BAT #5 21.000]G5]
1.2288 0.60510

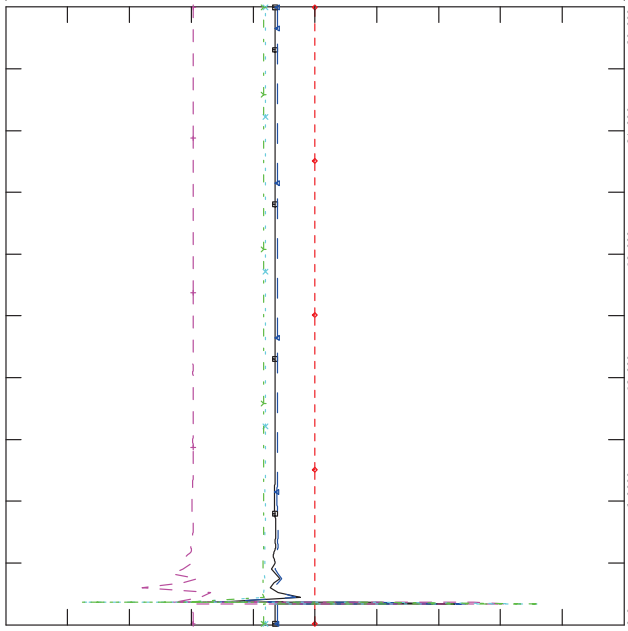
CHNL# 451: [ETRM 1496[BAT #4 16.000]4]
0.10000 -0.1000

CHNL# 506: [ETRM 1487[SHEER 29 19.000]G2]
1.2279 0.73160

CHNL# 505: [ETRM 1482[SHEER 1 19.000]G1]
1.2153 0.74360

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_38_912L_NEVIS

FILE: Scn6_2028WP_38_912L_Nevis.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

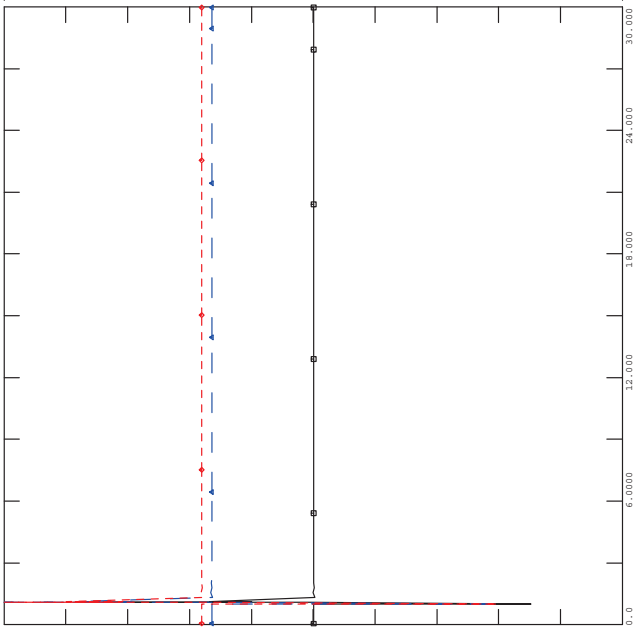
CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1]
1.4436 0.09310

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2]
1.4750 0.09600

CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3]
1.9323 0.09480

0.0 3.0000 6.0000 9.0000 12.000 15.000 18.000 21.000 24.000 27.000 30.000

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_38_912L_NEVIS

FILE: Scn6_2028WP_38_912L_Nevis.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

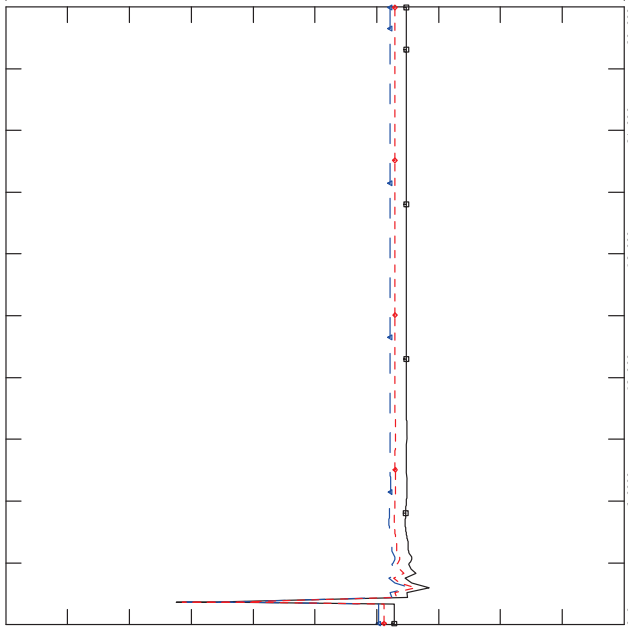
CHNL# 294: [VARS564092[EASTERV G1 0.6900]G1]
1.0663 -0.6860

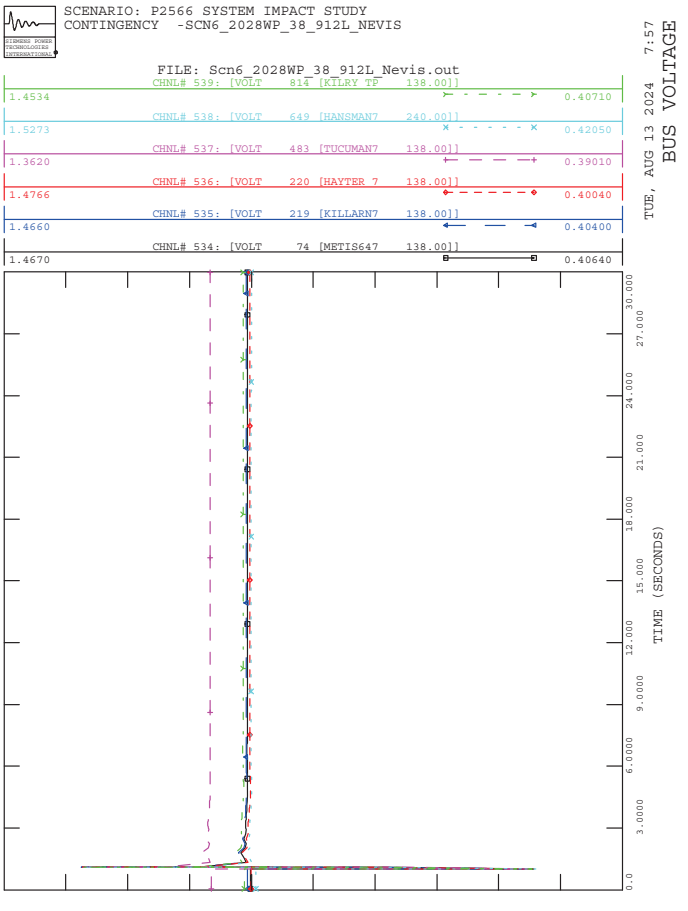
CHNL# 293: [VARS563092[EASTERV G2 0.6900]G2]
1.0319 -0.6886

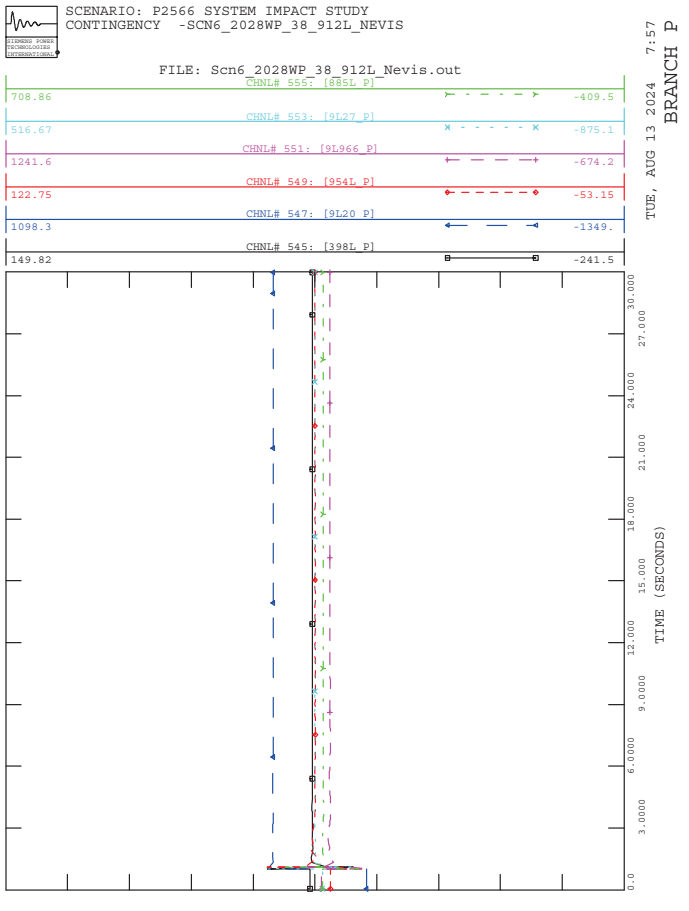
CHNL# 292: [VARS562092[EASTERV G3 0.6900]G3]
1.2096 -0.7255

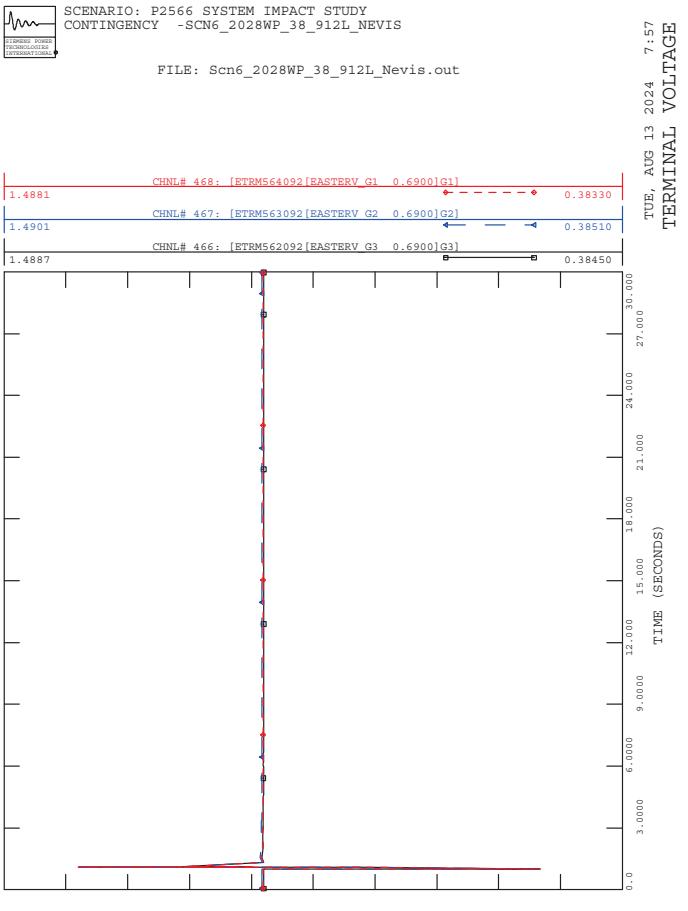
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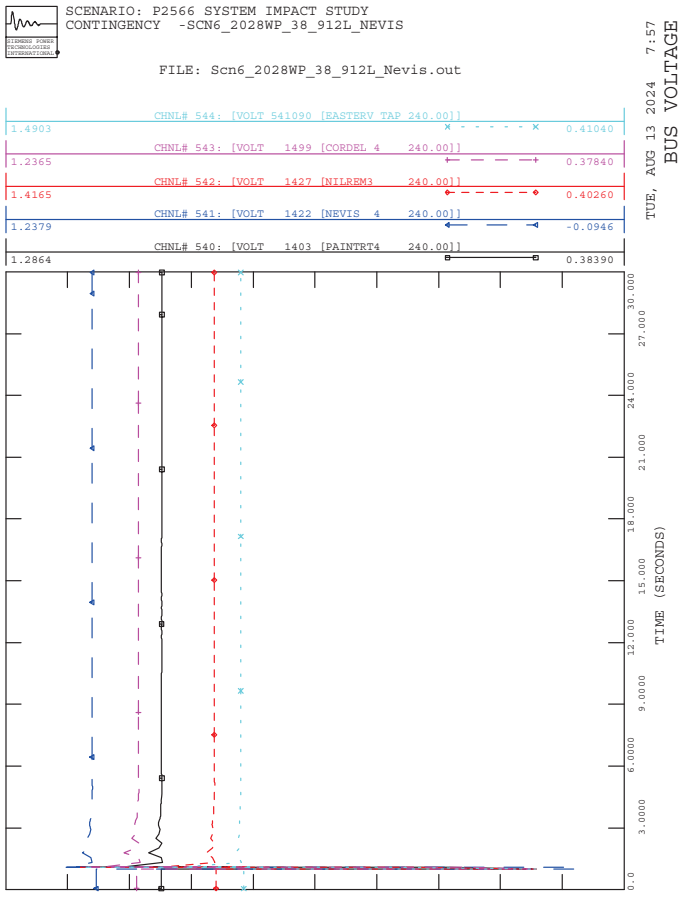
TIME (SECONDS)

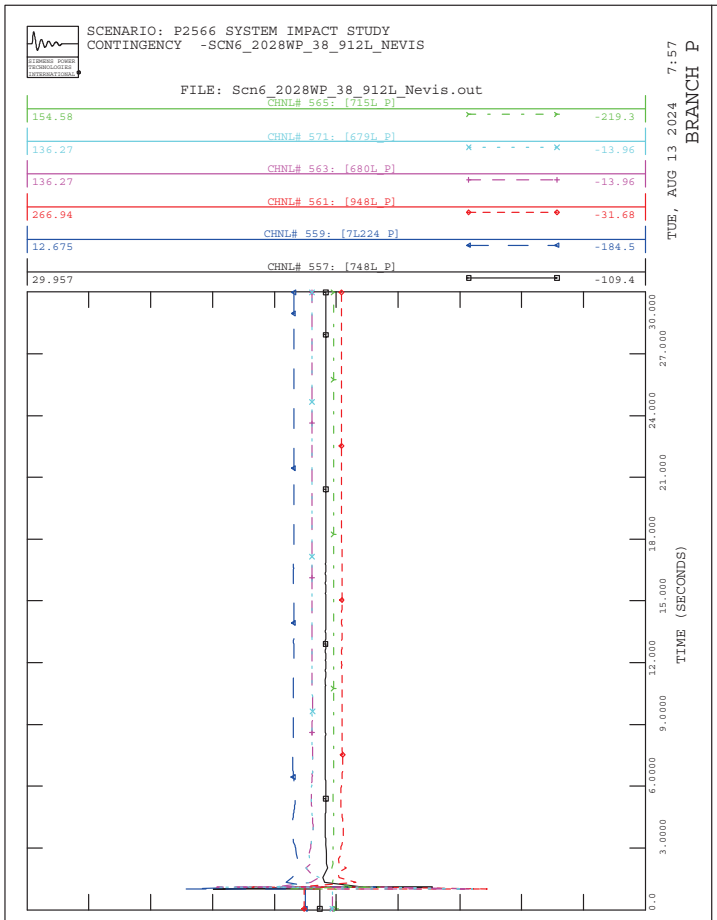


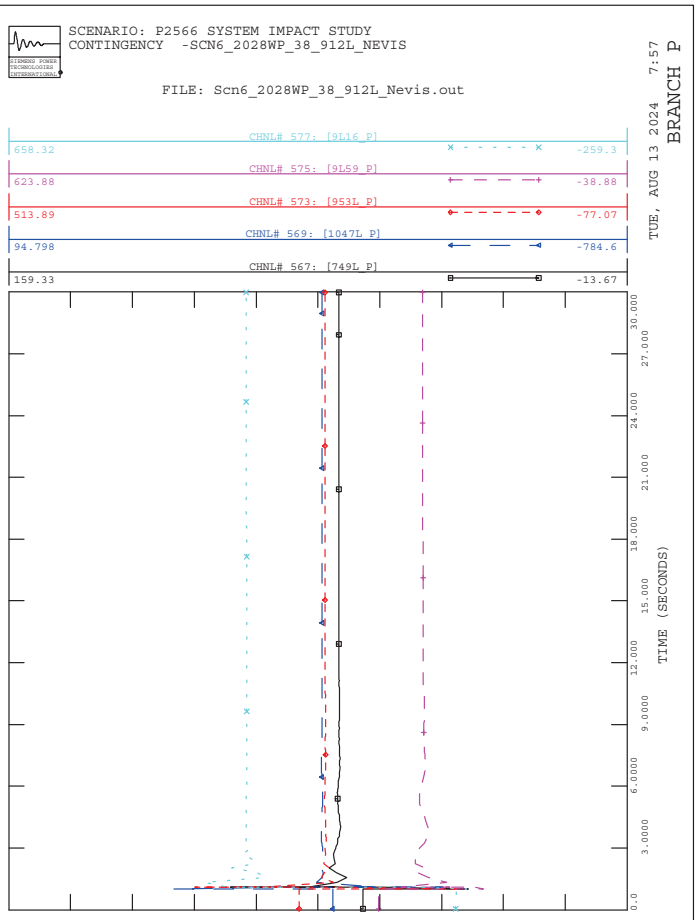

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_38_912L_NEVIS
FILE: Scn6_2028WP_38_912L_Nevis.out
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4534
0.40710
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.5273
0.42050
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.3620
0.39010
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4766
0.40040
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4660
0.40400
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4670
0.40640
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
BUS VOLTAGE

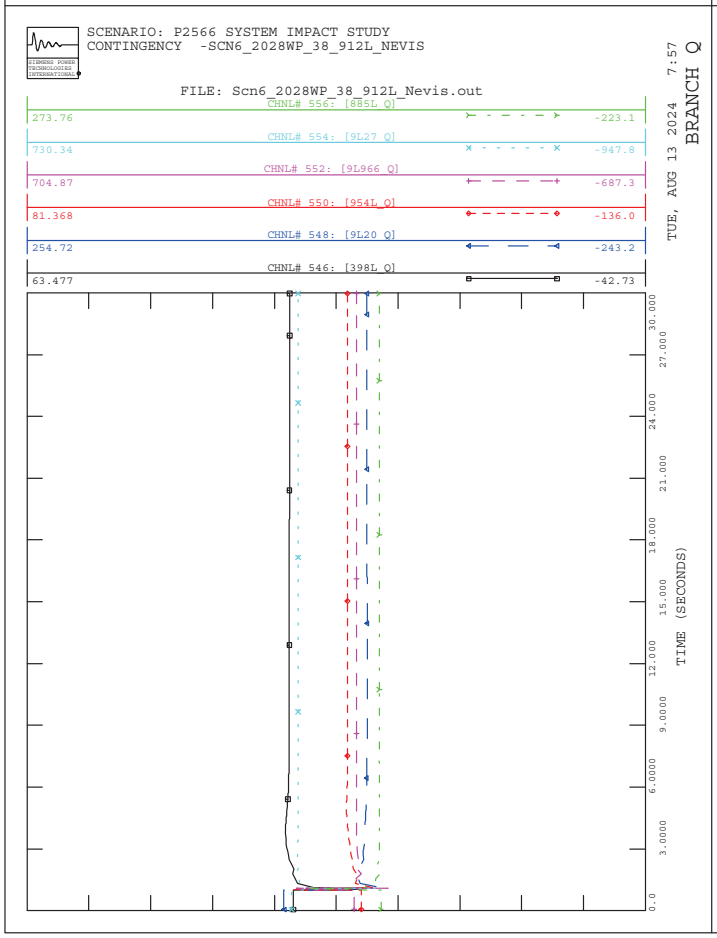

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_38_912L_NEVIS
FILE: Scn6_2028WP_38_912L_Nevis.out
CHNL# 555: [885L P]
708.86
-409.5
CHNL# 553: [9L27 P]
516.67
-875.1
CHNL# 551: [9L966 P]
1241.6
-674.2
CHNL# 549: [954L P]
122.75
-53.15
CHNL# 547: [9L20 P]
1098.3
-1349.
CHNL# 545: [398L P]
149.82
-241.5
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
BRANCH P

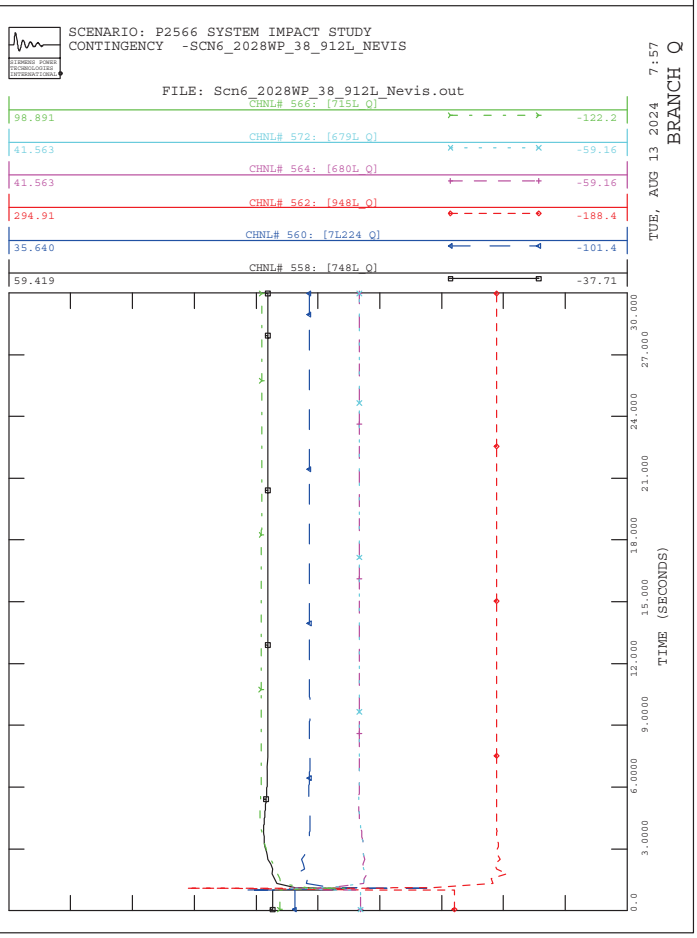

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_38_912L_NEVIS
FILE: Scn6_2028WP_38_912L_Nevis.out
CHNL# 468: [ETRM564092[EASTERV G1 0.6900]G1]
1.4881
0.38330
CHNL# 467: [ETRM563092[EASTERV G2 0.6900]G2]
1.4901
0.38510
CHNL# 466: [ETRM562092[EASTERV G3 0.6900]G3]
1.4887
0.38450
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
TERMINAL VOLTAGE


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_38_912L_NEVIS
FILE: Scn6_2028WP_38_912L_Nevis.out
CHNL# 544: [VOLT 541090 [EASTERV TAP 240.00]]
1.4903
0.41040
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2365
0.37840
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.4165
0.40260
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2379
-0.0946
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2864
0.38390
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000
TIME (SECONDS)
TUE, AUG 13 2024 7:57
BUS VOLTAGE


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_38_912L_NEVIS
FILE: Scn6_2028WP_38_912L_Nevis.out
CHNL# 565: [715L P]
154.58
-219.3
CHNL# 571: [679L P]
136.27
-13.96
CHNL# 563: [680L P]
136.27
-13.96
CHNL# 561: [948L P]
266.94
-31.68
CHNL# 559: [7L224 P]
12.675
-184.5
CHNL# 557: [748L P]
29.957
-109.4
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_38_912L_NEVIS
FILE: Scn6_2028WP_38_912L_Nevis.out
CHNL# 577: [9L16 P]
658.32
-259.3
CHNL# 575: [9L59 P]
623.88
-38.88
CHNL# 573: [953L P]
513.89
-77.07
CHNL# 569: [1047L P]
94.798
-784.6
CHNL# 567: [749L P]
159.33
-13.67
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_38_912L_NEVIS
FILE: Scn6_2028WP_38_912L_Nevis.out
CHNL# 556: [885L Q]
273.76
-223.1
CHNL# 554: [9L27 Q]
730.34
-947.8
CHNL# 552: [9L966 Q]
704.87
-687.3
CHNL# 550: [954L Q]
81.368
-136.0
CHNL# 548: [9L20 Q]
254.72
-243.2
CHNL# 546: [398L Q]
63.477
-42.73
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_38_912L_NEVIS
FILE: Scn6_2028WP_38_912L_Nevis.out
CHNL# 566: [715L Q]
98.891
-122.2
CHNL# 572: [679L Q]
41.563
-59.16
CHNL# 564: [680L Q]
41.563
-59.16
CHNL# 562: [948L Q]
294.91
-188.4
CHNL# 560: [7L224 Q]
35.640
-101.4
CHNL# 558: [748L Q]
59.419
-37.71
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_39_912L_REDDEER

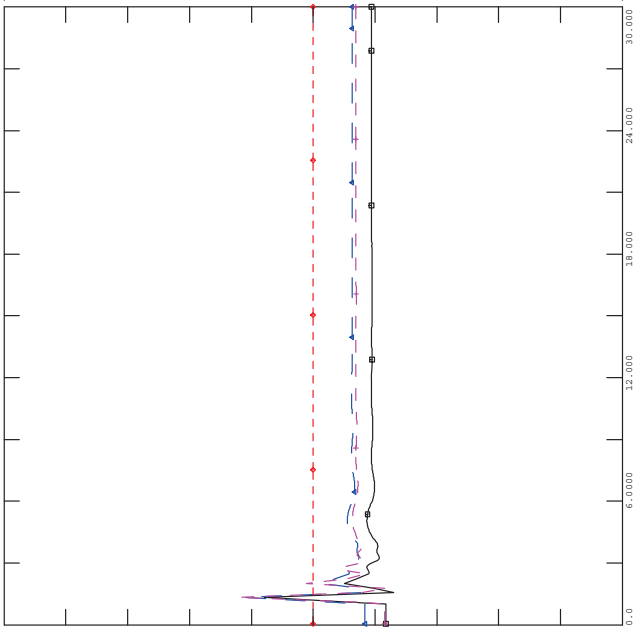
FILE: Scn6_2028WP_39_912L_RedDeer.out

TUE, AUG 13 2024 7:57

ROTOR ANGLE

CHNL# 17: [ANGL 1497[BAT #5 21.000]G5] 65.748 -111.0
CHNL# 16: [ANGL 1496[BAT #4 16.000]4] 50.000 -50.00
CHNL# 71: [ANGL 1487[SHEER 29 19.000]G2] 114.49 -76.16
CHNL# 70: [ANGL 1482[SHEER 1 19.000]G1] 113.01 -79.49

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_39_912L_REDDEER

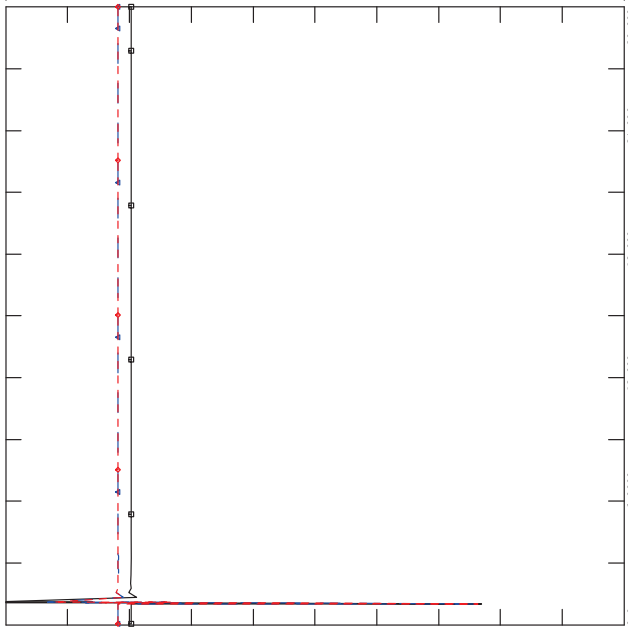
FILE: Scn6_2028WP_39_912L_RedDeer.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 207: [POWR564092[EASTERV G1 0.6900]G1] 1.2618 -0.1138
CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2] 1.2618 -0.1123
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3] 1.2978 -0.1133

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_38_912L_NEVIS

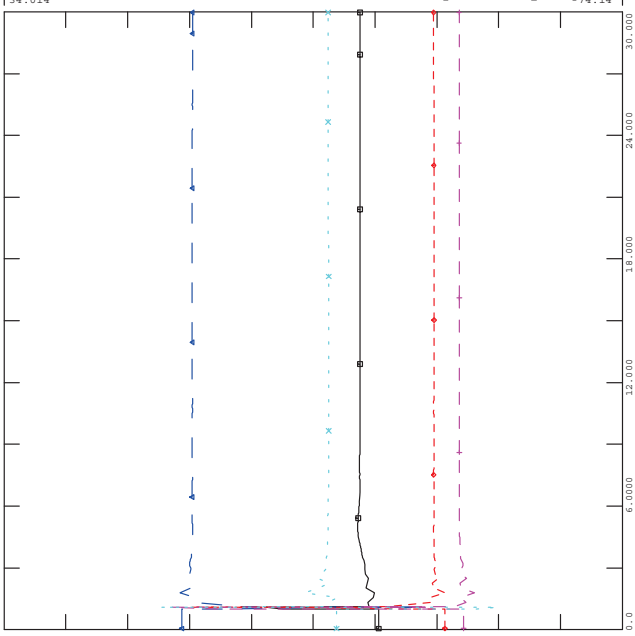
FILE: Scn6_2028WP_38_912L_Nevis.out

TUE, AUG 13 2024 7:57

BRANCH Q

CHNL# 578: [9L16 Q] 775.11 -590.0
CHNL# 576: [9L59 Q] 459.38 -189.2
CHNL# 574: [953L Q] 521.28 -245.9
CHNL# 570: [1047L Q] 296.38 -549.4
CHNL# 568: [749L Q] 34.014 -74.14

TIME (SECONDS)



SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_39_912L_REDDEER

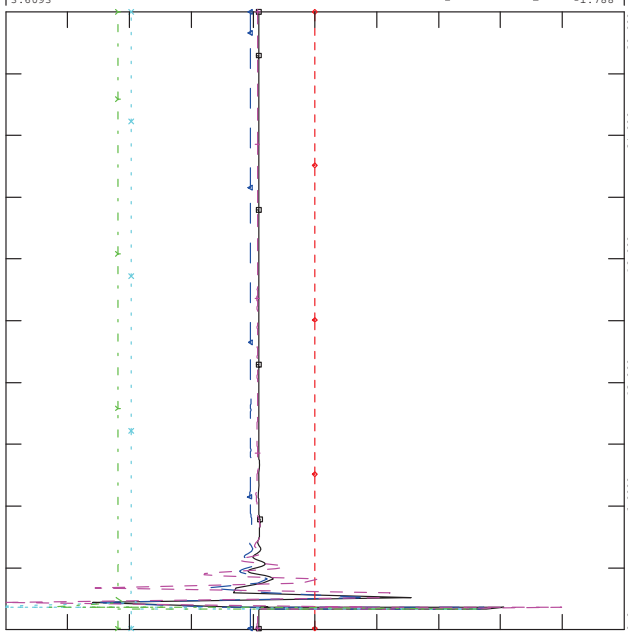
FILE: Scn6_2028WP_39_912L_RedDeer.out

TUE, AUG 13 2024 7:57

ACTIVE POWER

CHNL# 206: [POWR563092[EASTERV G2 0.6900]G2] 1.2618 -0.1123
CHNL# 205: [POWR562092[EASTERV G3 0.6900]G3] 1.2978 -0.1133
CHNL# 191: [POWR 1497[BAT #5 21.000]G5] 1.7296 -2.522
CHNL# 190: [POWR 1496[BAT #4 16.000]4] 0.20000 -0.2000
CHNL# 245: [POWR 1487[SHEER 29 19.000]G2] 3.4338 -1.703
CHNL# 244: [POWR 1482[SHEER 1 19.000]G1] 3.6093 -1.788

TIME (SECONDS)

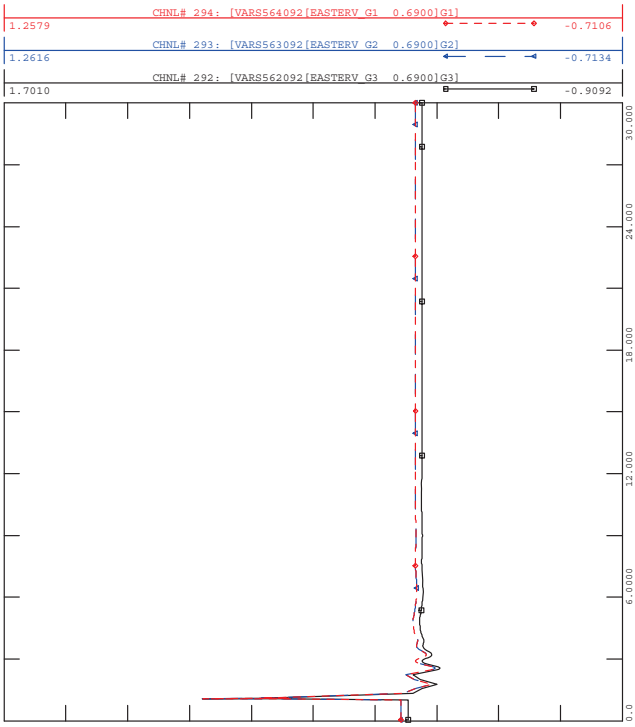


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_39_912L_REDDEER

FILE: Scn6_2028WP_39_912L_RedDeer.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

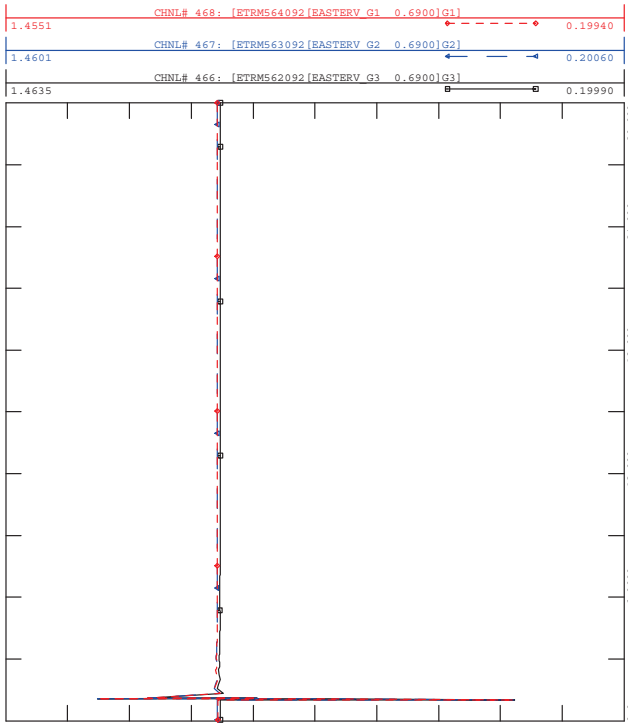


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_39_912L_REDDEER

FILE: Scn6_2028WP_39_912L_RedDeer.out

TUE, AUG 13 2024 7:57

TERMINAL VOLTAGE

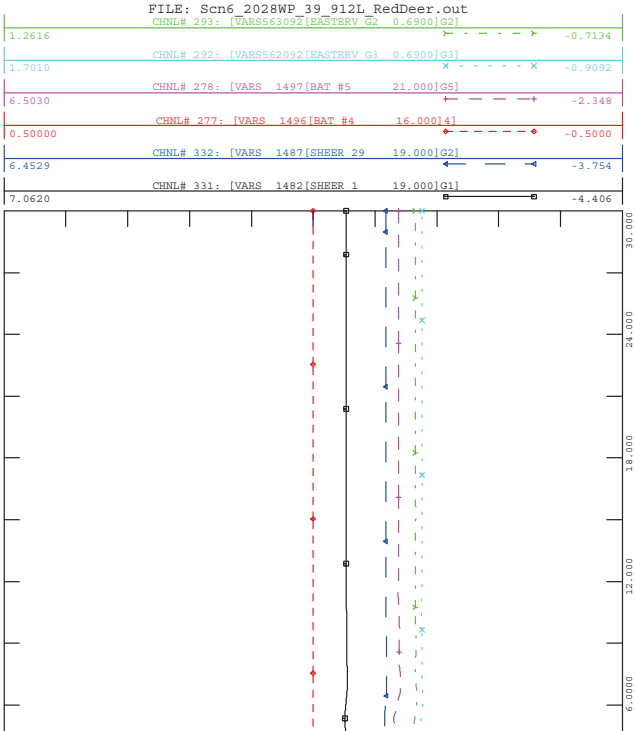


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_39_912L_REDDEER

FILE: Scn6_2028WP_39_912L_RedDeer.out

TUE, AUG 13 2024 7:57

REACTIVE POWER

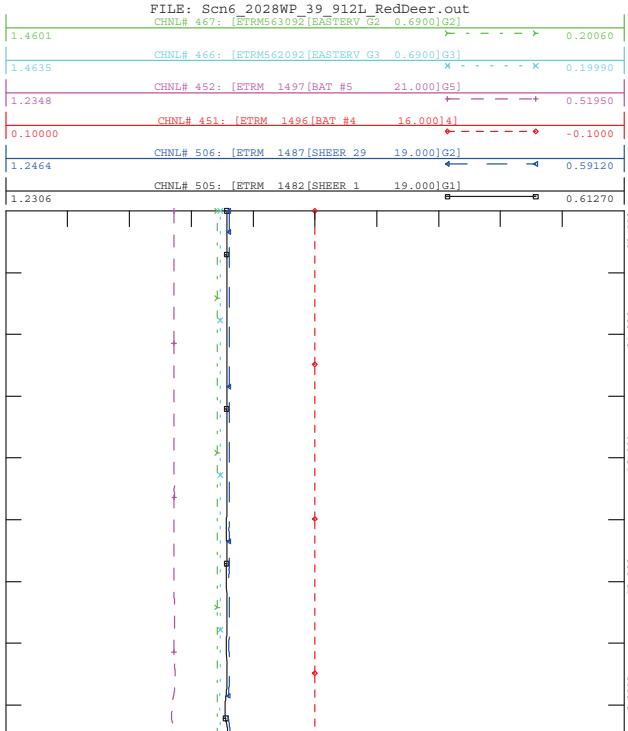


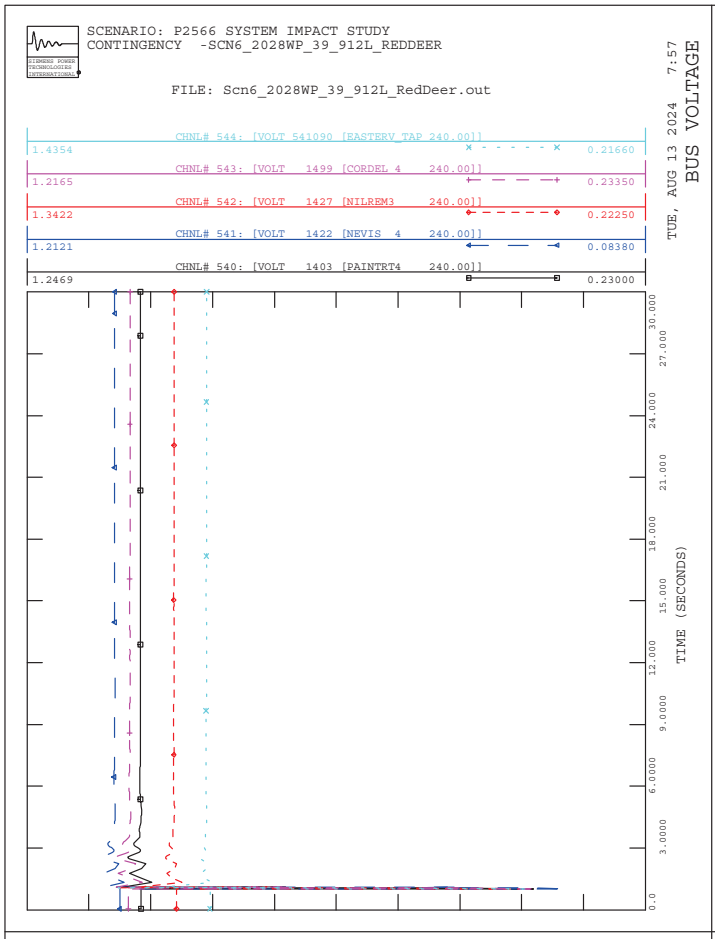
SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_39_912L_REDDEER

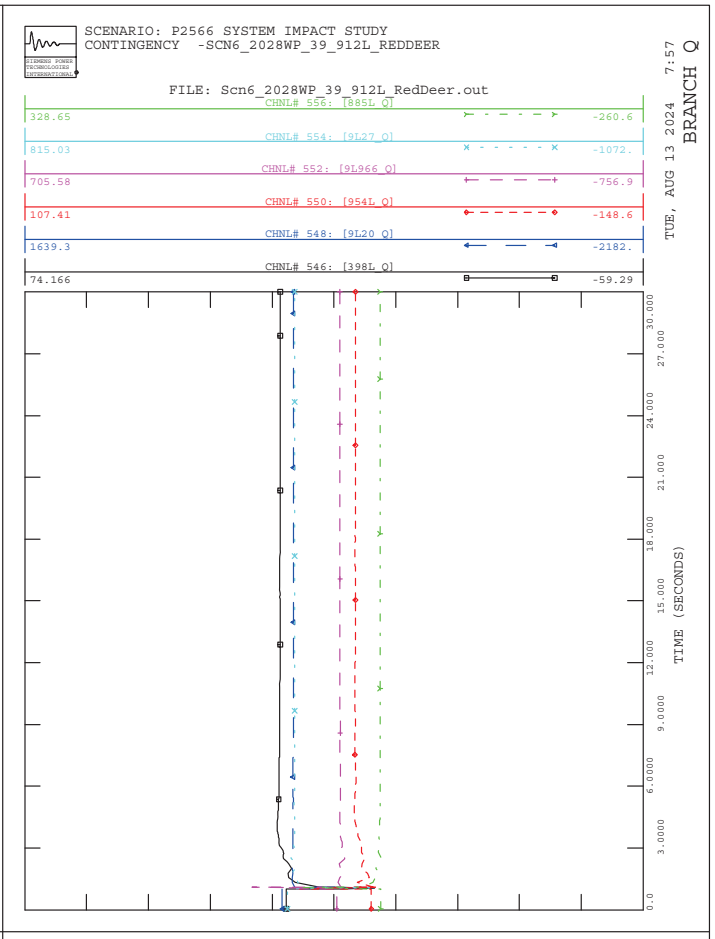
FILE: Scn6_2028WP_39_912L_RedDeer.out

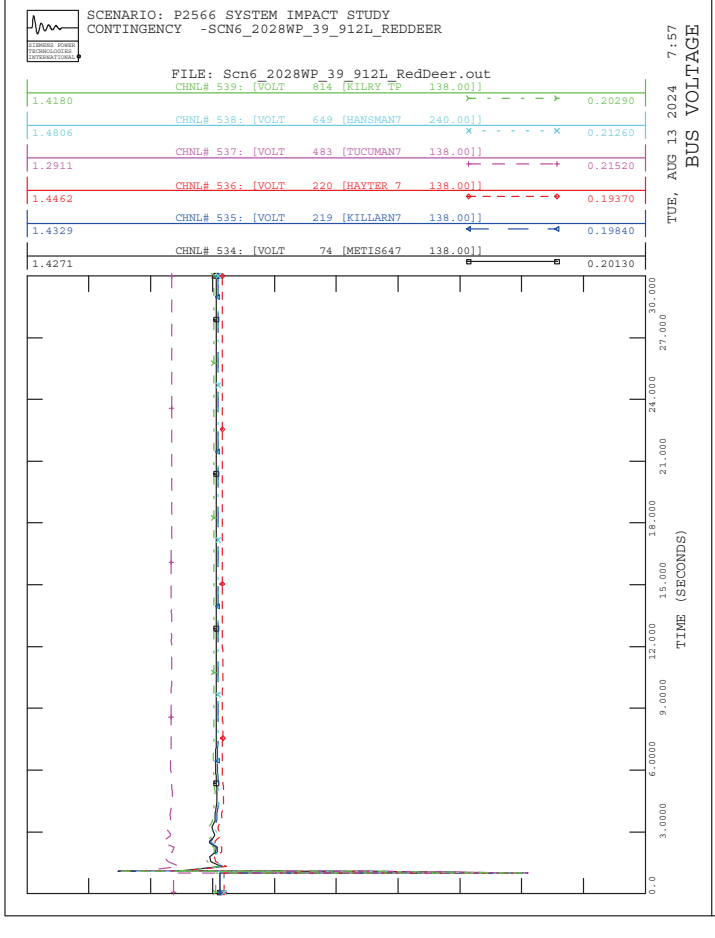
TUE, AUG 13 2024 7:57

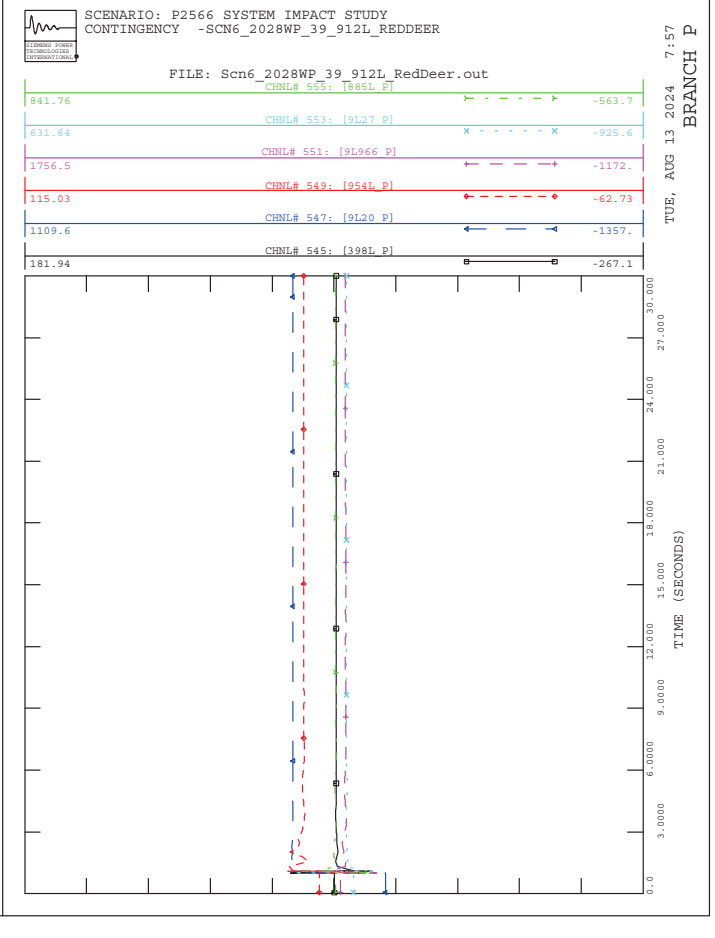
TERMINAL VOLTAGE

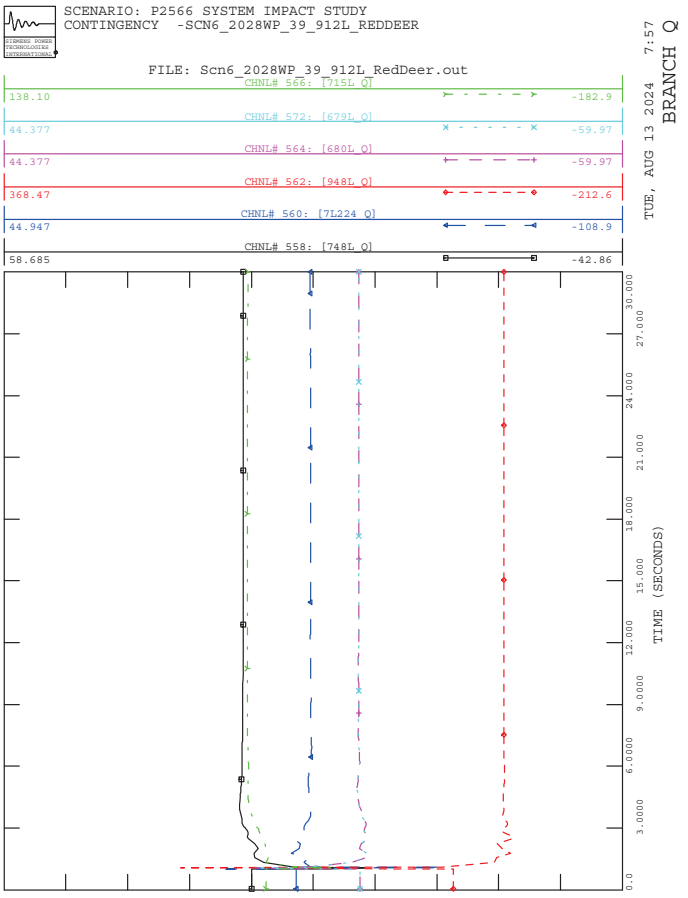


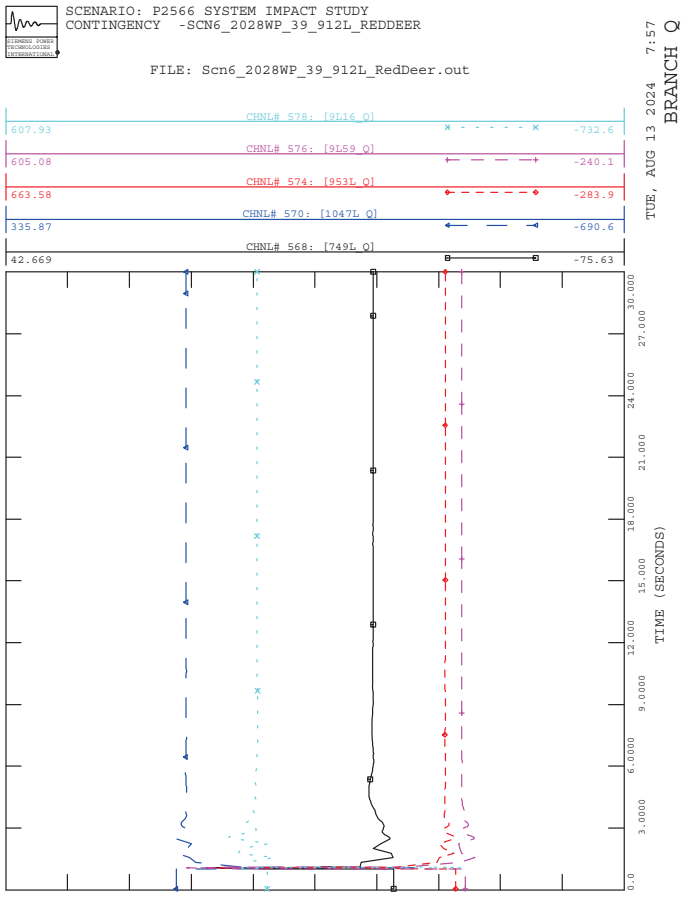

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_39_912L_REDDEER
FILE: Scn6_2028WP_39_912L_RedDeer.out
CHNL# 544: [VOLT 541090 [EASTERV_TAP 240.00]]
1.4354
0.21660
CHNL# 543: [VOLT 1499 [CORDEL 4 240.00]]
1.2165
0.23350
CHNL# 542: [VOLT 1427 [NILREM3 240.00]]
1.3422
0.22250
CHNL# 541: [VOLT 1422 [NEVIS 4 240.00]]
1.2121
0.08380
CHNL# 540: [VOLT 1403 [PAINTRT4 240.00]]
1.2469
0.23000
BUS VOLTAGE
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

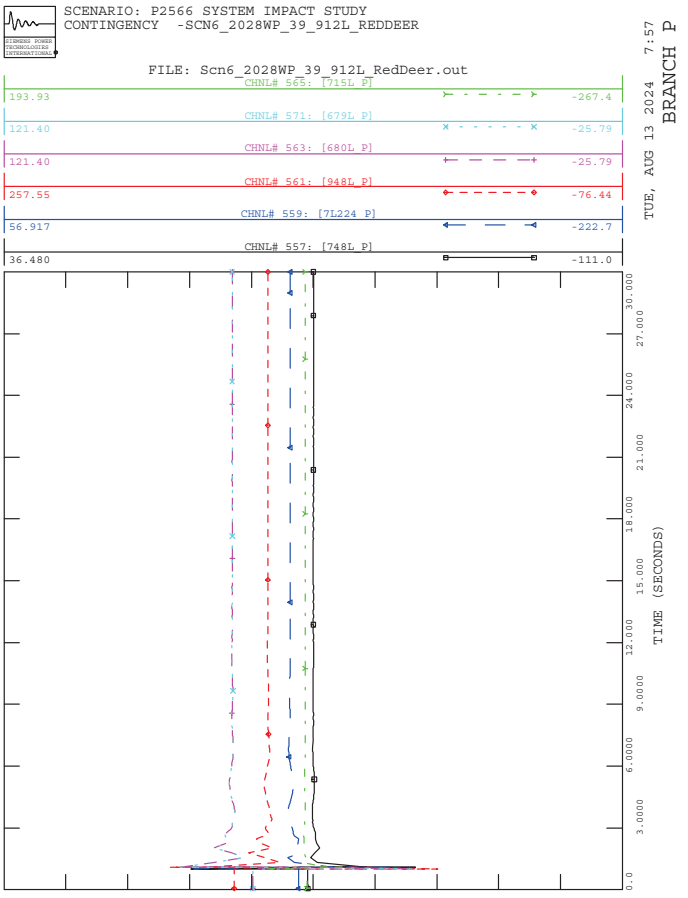

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_39_912L_REDDEER
FILE: Scn6_2028WP_39_912L_RedDeer.out
CHNL# 556: [885L Q]
328.65
-260.6
CHNL# 554: [9L27 Q]
815.03
-1072.
CHNL# 552: [9L966 Q]
705.58
-756.9
CHNL# 550: [954L Q]
107.41
-148.6
CHNL# 548: [9L20 Q]
1639.3
-2182.
CHNL# 546: [398L Q]
74.166
-59.29
BRANCH Q
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

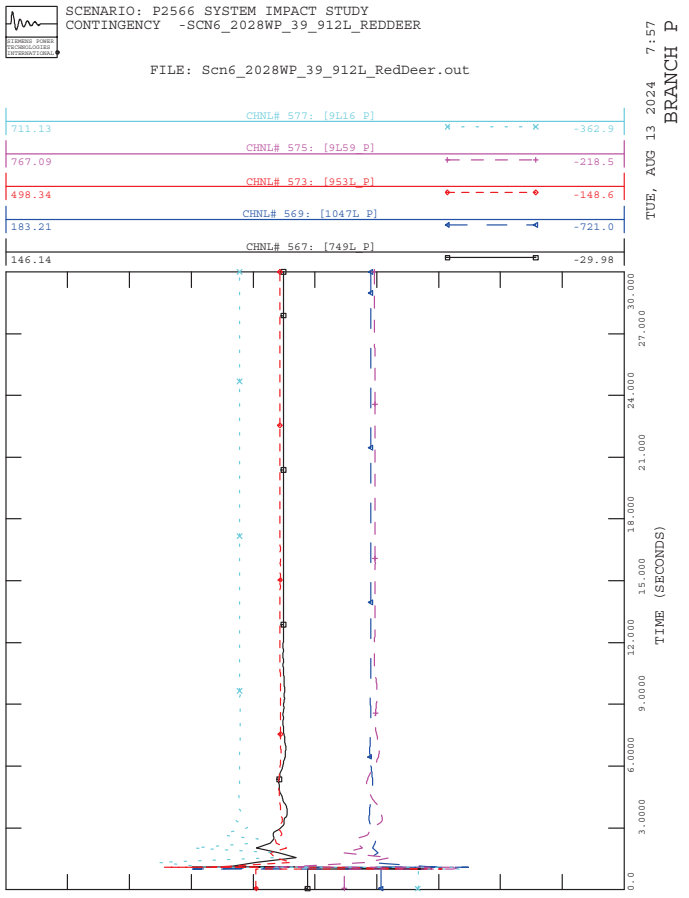

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_39_912L_REDDEER
FILE: Scn6_2028WP_39_912L_RedDeer.out
CHNL# 539: [VOLT 814 [KILRY TP 138.00]]
1.4180
0.20290
CHNL# 538: [VOLT 649 [HANSMAN7 240.00]]
1.4806
0.21260
CHNL# 537: [VOLT 483 [TUCUMAN7 138.00]]
1.2911
0.21520
CHNL# 536: [VOLT 220 [HAYTER 7 138.00]]
1.4462
0.19370
CHNL# 535: [VOLT 219 [KILLARN7 138.00]]
1.4329
0.19840
CHNL# 534: [VOLT 74 [METIS647 138.00]]
1.4271
0.20130
BUS VOLTAGE
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_39_912L_REDDEER
FILE: Scn6_2028WP_39_912L_RedDeer.out
CHNL# 555: [885L P]
841.76
-563.7
CHNL# 553: [9L27 P]
631.64
-925.6
CHNL# 551: [9L966 P]
1756.5
-1172.
CHNL# 549: [954L P]
115.03
-62.73
CHNL# 547: [9L20 P]
1109.6
-1357.
CHNL# 545: [398L P]
181.94
-267.1
BRANCH P
TUE, AUG 13 2024 7:57
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_39_912L_REDDEER
FILE: Scn6_2028WP_39_912L_RedDeer.out
CHNL# 566: [715L Q]
138.10
-182.9
CHNL# 572: [679L Q]
44.377
-59.97
CHNL# 564: [680L Q]
44.377
-59.97
CHNL# 562: [948L Q]
368.47
-212.6
CHNL# 560: [7L224 Q]
44.947
-108.9
CHNL# 558: [748L Q]
58.685
-42.86
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_39_912L_REDDEER
FILE: Scn6_2028WP_39_912L_RedDeer.out
CHNL# 578: [9L16 Q]
607.93
-732.6
CHNL# 576: [9L59 Q]
605.08
-240.1
CHNL# 574: [953L Q]
663.58
-283.9
CHNL# 570: [1047L Q]
335.87
-690.6
CHNL# 568: [749L Q]
42.669
-75.63
TUE, AUG 13 2024 7:57
BRANCH Q
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000


SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_39_912L_REDDEER
FILE: Scn6_2028WP_39_912L_RedDeer.out
CHNL# 565: [715L P]
193.93
-267.4
CHNL# 571: [679L P]
121.40
-25.79
CHNL# 563: [680L P]
121.40
-25.79
CHNL# 561: [948L P]
257.55
-76.44
CHNL# 559: [7L224 P]
56.917
-222.7
CHNL# 557: [748L P]
36.480
-111.0
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

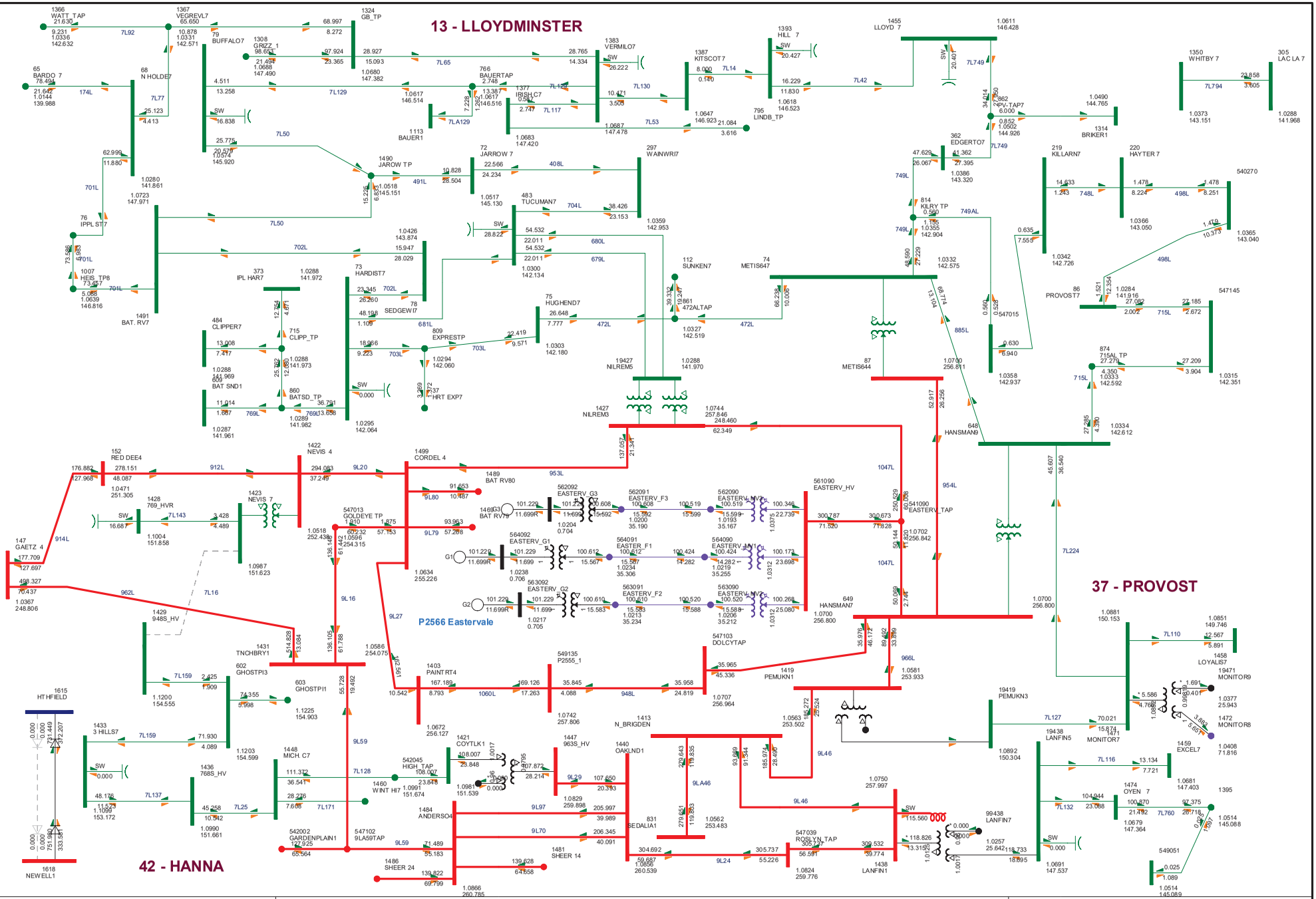

SCENARIO: P2566 SYSTEM IMPACT STUDY
CONTINGENCY -SCN6_2028WP_39_912L_REDDEER
FILE: Scn6_2028WP_39_912L_RedDeer.out
CHNL# 577: [9L16 P]
711.13
-362.9
CHNL# 575: [9L59 P]
767.09
-218.5
CHNL# 573: [953L P]
498.34
-148.6
CHNL# 569: [1047L P]
183.21
-721.0
CHNL# 567: [749L P]
146.14
-29.98
TUE, AUG 13 2024 7:57
BRANCH P
TIME (SECONDS)
0.0
3.0000
6.0000
9.0000
12.000
15.000
18.000
21.000
24.000
27.000
30.000

Attachment A6
Dynamic Data and Assumptions

```
/ ******
/ ********** Solar Farm and BESS generic models ********** /
/project P2566 Eastervale Solar Storage
/ * solar
564092 'USRMDL' G1 'REGCAU1' 101 1 1 14 3 4
     1
          0.20000E-01 10.000 0.90000 0.50000 1.2200 1.2000 0.80000 0.40000
          -1.3000 0.20000E-01 0.70000 99.0 -99.0 0.7000 /
564092 'USRMDL' G1 'REECAU1' 102 0 6 45 6 9
    0   0   1   1   0   0
    0.9000      1.1000      0.0200    -0.100         0.1000
    0.50000      1.0        -1.0       1.0000         0.0
    0.0         0.0         0.02       1.0           -1.0
    1.500       0.800       0.5        5.0            1.0
   10.00        0.0         0.02       10.0          -10.0
    1.0         0.0         1.0        0.02           0.0
    1.0         2.0         1.0        0.0            0.0
    0.0         0.0         0.2        0.0            0.75
    0.23        0.85        0.85       1.0            1.0 /
564092 'USRMDL' G1 'REPCAU1' 107 0 7 27 7 9
     0 0 0 '0 ' 1 1 1
     0.20000E-01 18.000 5.0000 0.0000 0.75000E-01 0.0000 0.0000
          0.0000 0.20000E-01 0.10000 -0.10000 0.0000 0.0000 0.43600 -0.4360
          0.10000 0.50000E-01 0.25000 0.0000 0.0000 999.00 -999.00
          999.00 -999.00 0.10000 20.000 0.0000 /
/
563092 'USRMDL' G2 'REGCAU1' 101 1 1 14 3 4
     1
          0.20000E-01 10.000 0.90000 0.50000 1.2200 1.2000 0.80000 0.40000
          -1.3000 0.20000E-01 0.70000 99.0 -99.0 0.7000 /
563092 'USRMDL' G2 'REECAU1' 102 0 6 45 6 9
    0   0   1   1   0   0
    0.9000      1.1000      0.0200    -0.100         0.1000
    0.50000      1.0        -1.0       1.0000         0.0
    0.0         0.0         0.02       1.0           -1.0
    1.500       0.800       0.5        5.0            1.0
   10.00        0.0         0.02       10.0          -10.0
    1.0         0.0         1.0        0.02           0.0
```

```
    1.0       2.0       1.0      0.0          0.0
    0.0       0.0       0.2      0.0          0.75
    0.23      0.85      0.85     1.0          1.0 /
563092 'USRMDL' G2 'REPCAU1' 107 0 7 27 7 9
     0 0 0 '0 ' 1 1 1
     0.20000E-01 18.000 5.0000 0.0000 0.75000E-01 0.0000 0.0000
          0.0000 0.20000E-01 0.10000 -0.10000 0.0000 0.0000 0.43600 -0.4360
          0.10000 0.50000E-01 0.25000 0.0000 0.0000 999.00 -999.00
          999.00 -999.00 0.10000 20.000 0.0000 /
/ * BESS
562092 'USRMDL' G3 'REGCAU1' 101 1 1 14 3 4
     1
          0.20000E-01 10.000 0.90000 0.50000 1.2200 1.2000 0.80000 0.40000
          -1.3000 0.20000E-01 0.70000 99.0 -99.0 0.7000 /
562092 'USRMDL' G3 'REECCU1' 102 0 5 45 7 6
    0   0   1   1   0
    0.9000     1.1000     0.0200   -0.100        0.1000
    0.50000    1.0       -1.0      0.0
    0.02       1.0       -1.0
    1.500      0.800      0.5      5.0          1.0
   10.00       0.02      10.0       -10.0
    1.0       -1.0       1.0      0.02          0.0
    1.0        2.0       1.0      0.0           0.0
    0.0        0.0       0.2      0.0           0.75
    0.23       0.85      0.85     1.0           1.0
    1800.0     0.90      1.0      0.1  /
562092 'USRMDL' G3 'REPCAU1' 107 0 7 27 7 9
     0 0 0 '0 ' 1 1 1
     0.20000E-01 18.000 5.0000 0.0000 0.75000E-01 0.0000 0.0000
          0.0000 0.20000E-01 0.10000 -0.10000 0.0000 0.0000 0.43600 -0.4360
          0.10000 0.50000E-01 0.25000 0.0000 0.0000 999.00 -999.00
          999.00 -999.00 0.10000 20.000 20.0000 /
```

Attachment A7
Post-Mitigation Power Flow Diagrams

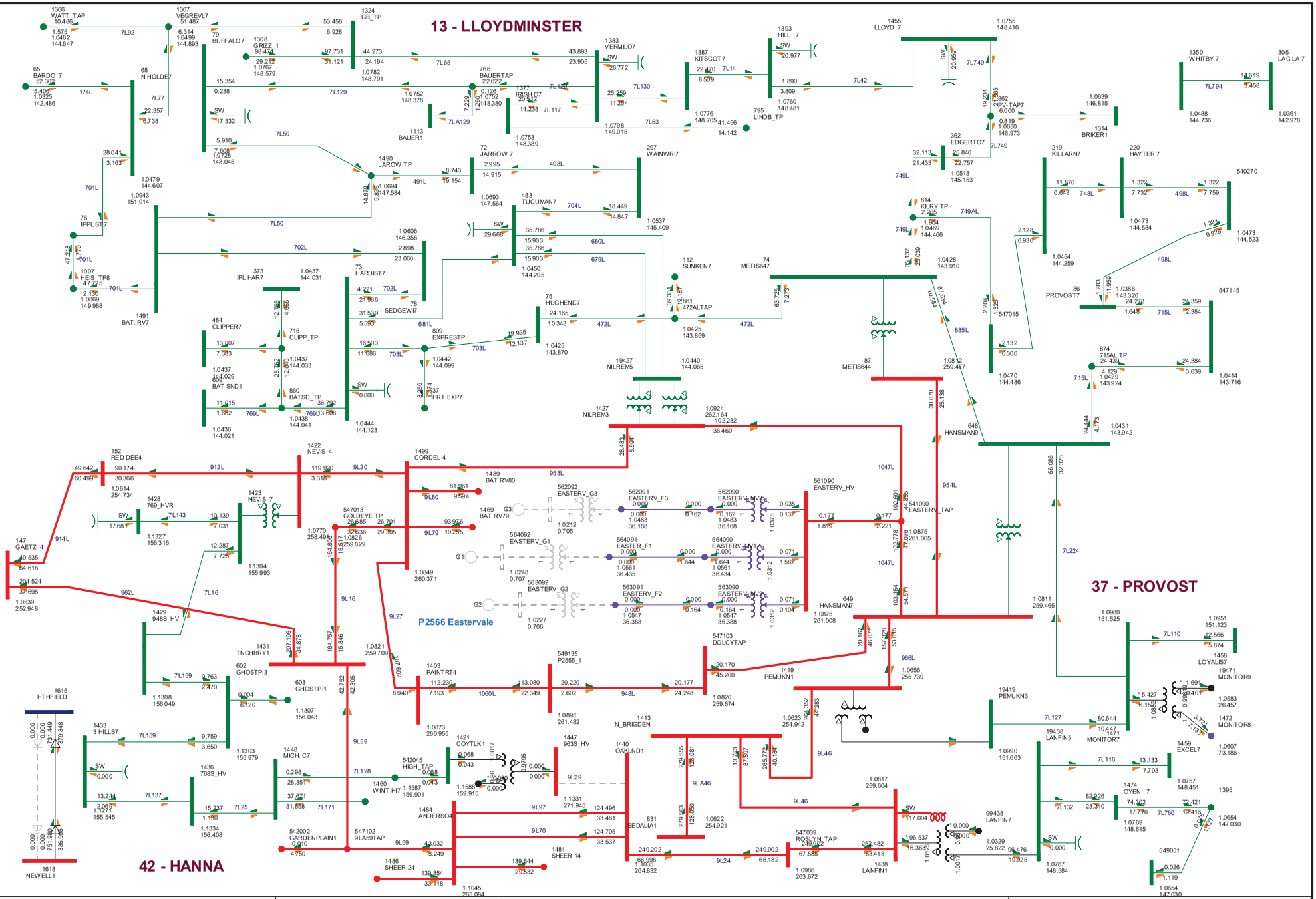


P2566 Eastervale Solar Battery

FIGURE A7.1-1 N-1: 7L16 (NEVIS 766S TO HEATBURG 948S) WITH RAS
2028 SUMMER PEAK, HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

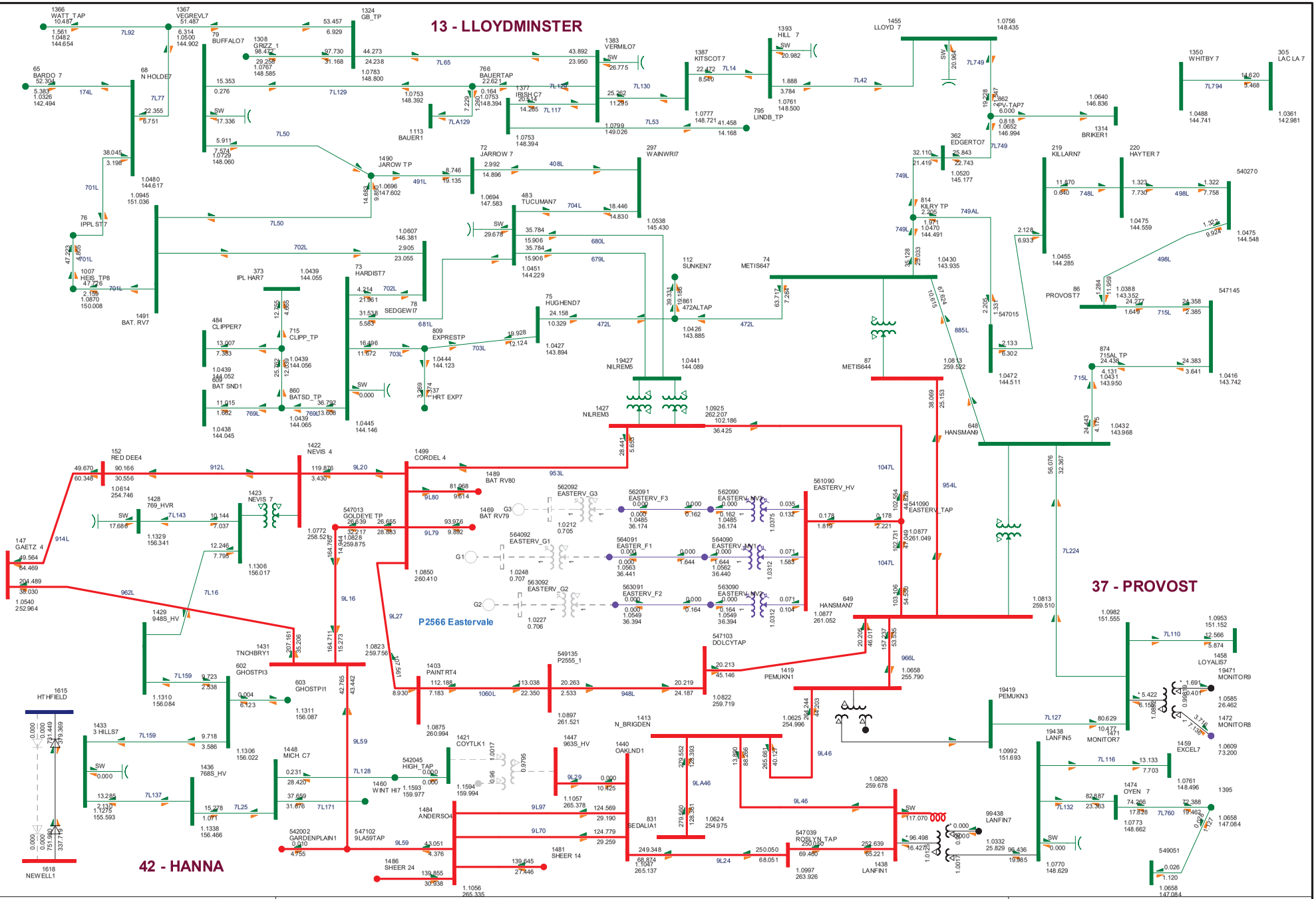


P2566 Eastervale Solar Battery

FIGURE A7.1-2 N-1: 9L29 (OAKLAND 946S TO COYOTE LAKE 963S) WITH RAS
2028 SUMMER PEAK, HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

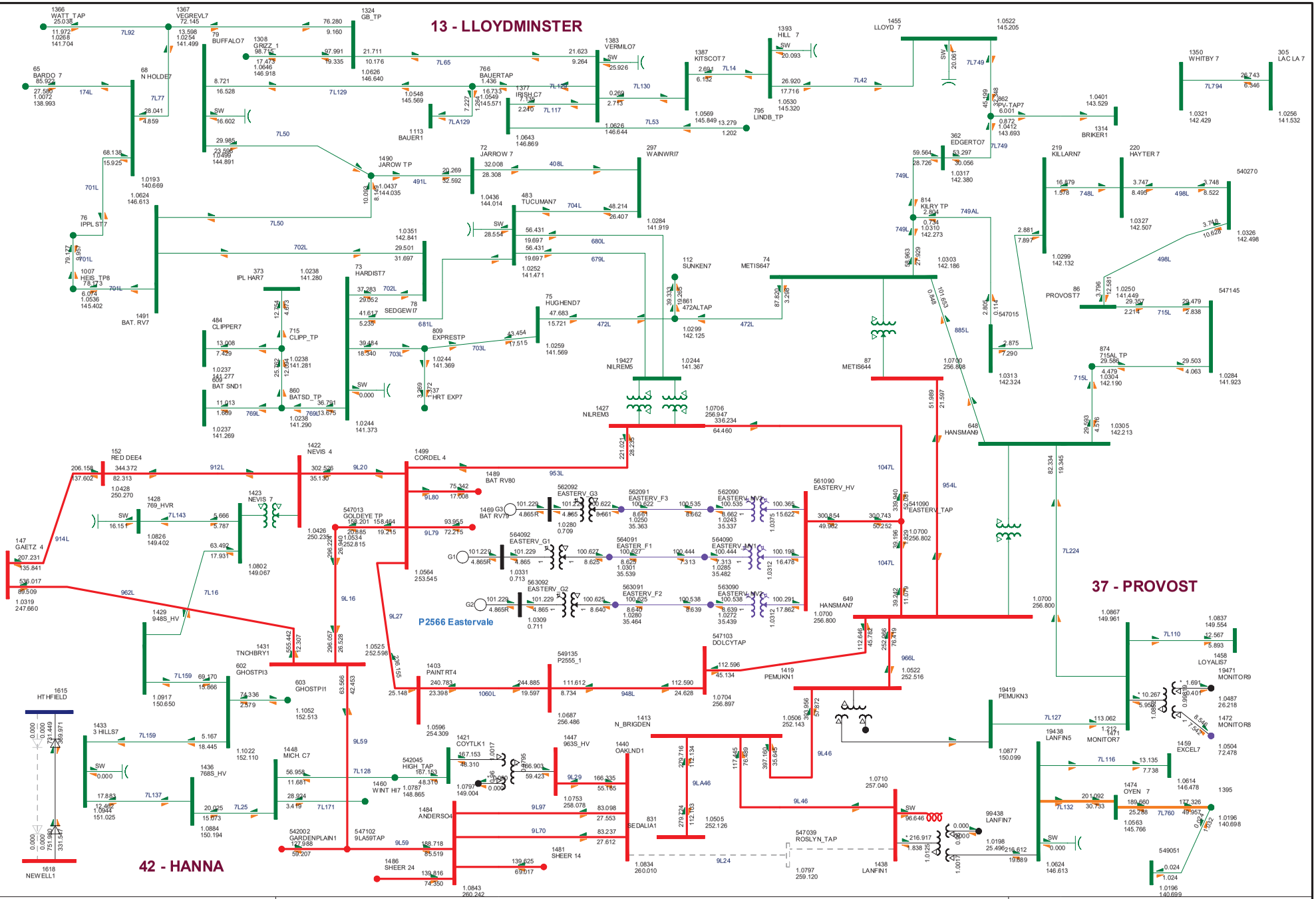


P2566 Eastervale Solar Battery

FIGURE A7.1-3 N-1: 963S T1 (COYOTE LAKE 963S TRANSFORMER T1) WITH RAS
2028 SUMMER PEAK, HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

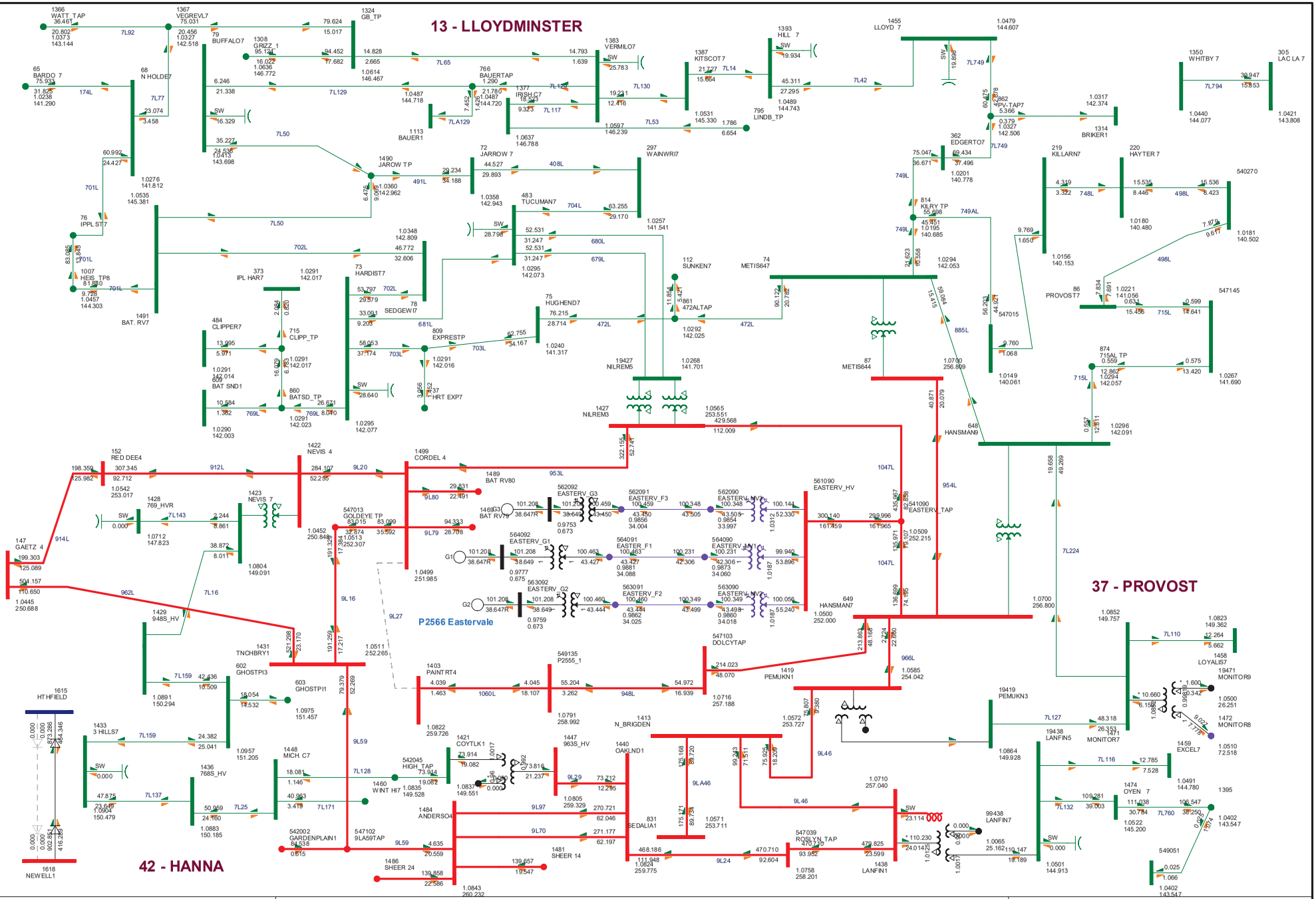


P2566 Eastervale Solar Battery

FIGURE A7.1-4 N-1: 9L24 (OAKLAND 946S - LANFINE 959S) WITH RAS
2028 SUMMER PEAK, HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

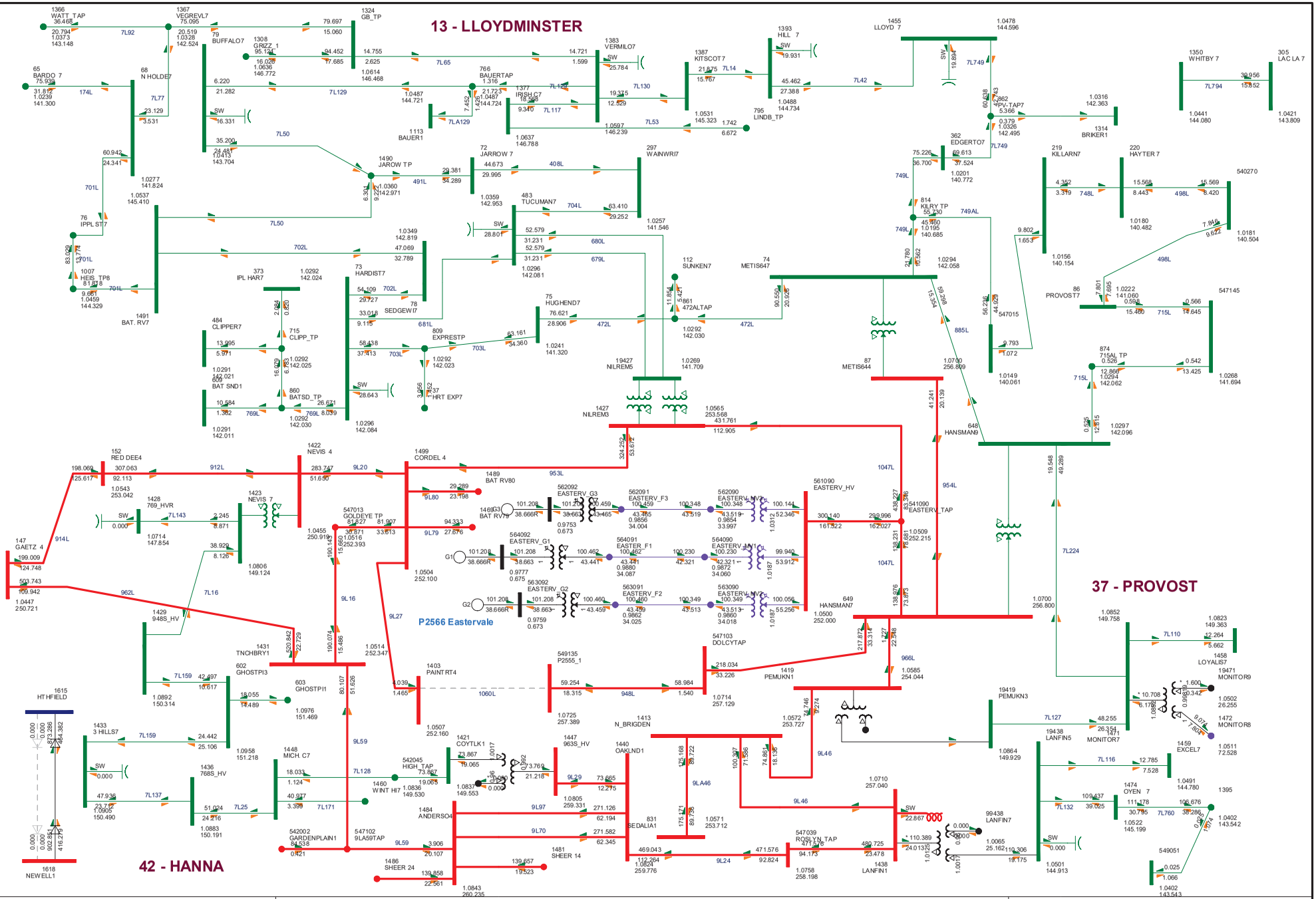


P2566 Eastervale Solar Battery

FIGURE A7.2-1 N-1: 9L27 (PAINTEARTH CREEK 863S TO CORDEL 755S) WITH RAS
2028 SUMMER LIGHT, HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

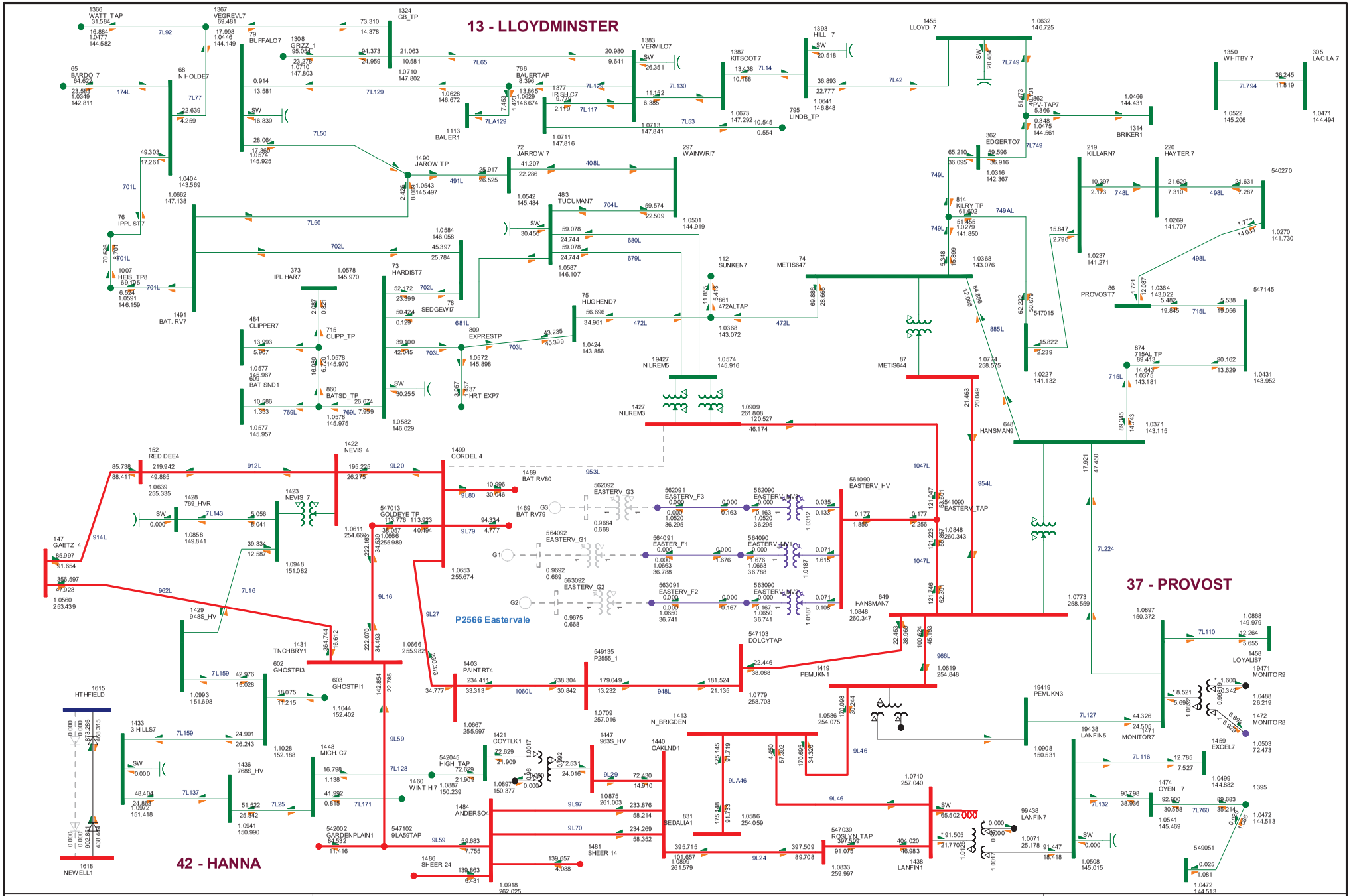


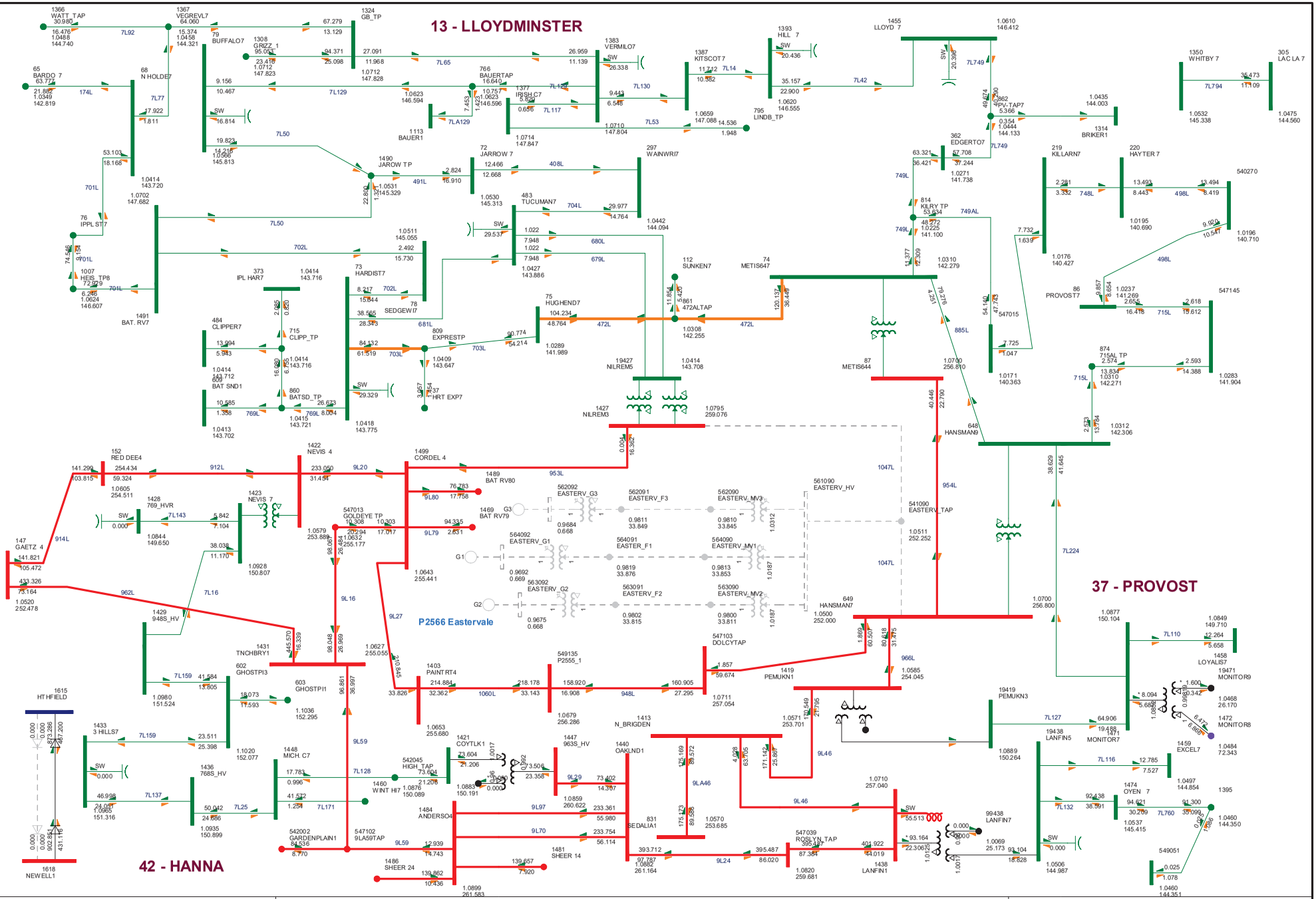
P2566 Eastervale Solar Battery

FIGURE A7.2-2 N-1: 1060L (PAINTEARTH 863S TO P2555 SWITCHING SUB) WITH RAS
2028 SUMMER LIGHT, HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000


13 - LLOYDMINSTER
37 - PROVOST
42 - HANNA
P2566 Eastervale
1366 WATT_TAP 31.581
1367 VEGREVL7 69.481
1324 GB_TP
1308 GRIZZ_1 95.054
1383 VERMILO7
1387 KITSCOT7 13.438 7L14
1393 HILL_7
1455 LLOYD 7
1350 WHITBY 7
305 LAC LA 7
65 BARDO_7 64.622
68 N HOLDE7
766 BAUERTAP 8.396
1377 IRISH_C7
795 LINDB_TP
1113 BAUER1
1314 BRIKER1
362 EDGERT07
219 KILLARN7
220 HAYTER 7
540270
814 KILRY TP 61.602
86 PROVOST7
547145
547015
1490 JAROW TP
72 JARROW 7
297 WAINWRI7
483 TUCUMAN7
112 SUNKEN7
74 METIS647
87 METIS644
76 IPPL ST7
1007 HEIS_TP8 69.105
1491 BAT. RV7
373 IPL HAR7
73 HARDIST7
78 SEDGEWI7
484 CLIPPER7
715 CLIPP_TP
809 EXPRESTP
HRT EXP7
860 BATSD_TP
609 BAT SND1
75 HUGHEND7
472ALTAP
874 715AL_TP 89.413
19427 NILREM5
1427 NILREM3
1422 NEVIS 4
1499 CORDEL 4
1423 NEVIS 7
1428 769_HVR
152 RED DEE4
147 GAETZ 4
1429 948S_HV
1431 TNCHBRY1
602 GHOSTPI3
603 GHOSTPI1
1615 HTHFIELD
1618 NEWELL1
1433 3 HILLS7
1436 768S_HV
1448 MICH_C7
1460 WINT HI7
542045 HIGH_TAP
542002 GARDENPLAIN1
547102 9LA59TAP
1484 ANDERSO4
1486 SHEER 24
1481 SHEER 14
1403 PAINTRT4
1421 COYTLK1
1447 963S_HV
1440 OAKLND1
831 SEDALIA1
1413 N_BRIGDEN
549135 P2555_1
547013 GOLDEYE TP
1489 BAT RV80
1469 BAT RV79
562092 EASTERV_G3
562091 EASTERV_F3
562090 EASTERV_MV3
561090 EASTERV_HV
541090 EASTERV_TAP
564092 EASTERV_G1
564091 EASTER_F1
564090 EASTERV_MV1
563092 EASTERV_G2
563091 EASTERV_F2
563090 EASTERV_MV2
547103 DOLCYTAP
1419 PEMUKN1
649 HANSMAN7
648 HANSMAN8
19419 PEMUKN3
99438 LANFIN7
1438 LANFIN1
547039 ROSLYN_TAP
19438 LANFIN5
1471 MONITOR7
19471 MONITOR9
1472 MONITOR8
1458 LOYALIS7
1459 EXCEL7
1474 OYEN 7
549051
174L
7L92
7L77
7L50
7L129
7L65
7L130
7L42
7L749
7L794
7L53
7L117
7LA129
701L
702L
703L
704L
679L
680L
681L
472L
885L
748L
749L
498L
715L
912L
914L
962L
953L
954L
1047L
966L
7L16
7L143
7L159
7L128
7L137
7L25
7L171
7L59
7L97
7L70
7L24
7L29
9L16
9L27
9L80
9L79
9L20
9L59
9L46
9LA46
1060L
948L
408L
491L
7L110
7L224
7L127
7L116
7L132
7L760
P2566 Eastervale Solar Battery
FIGURE A7.2-3 N-1: 953L (NILREN 574S TO CORDEL 755S) WITH RAS
2028 SUMMER LIGHT, HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024
Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar
kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

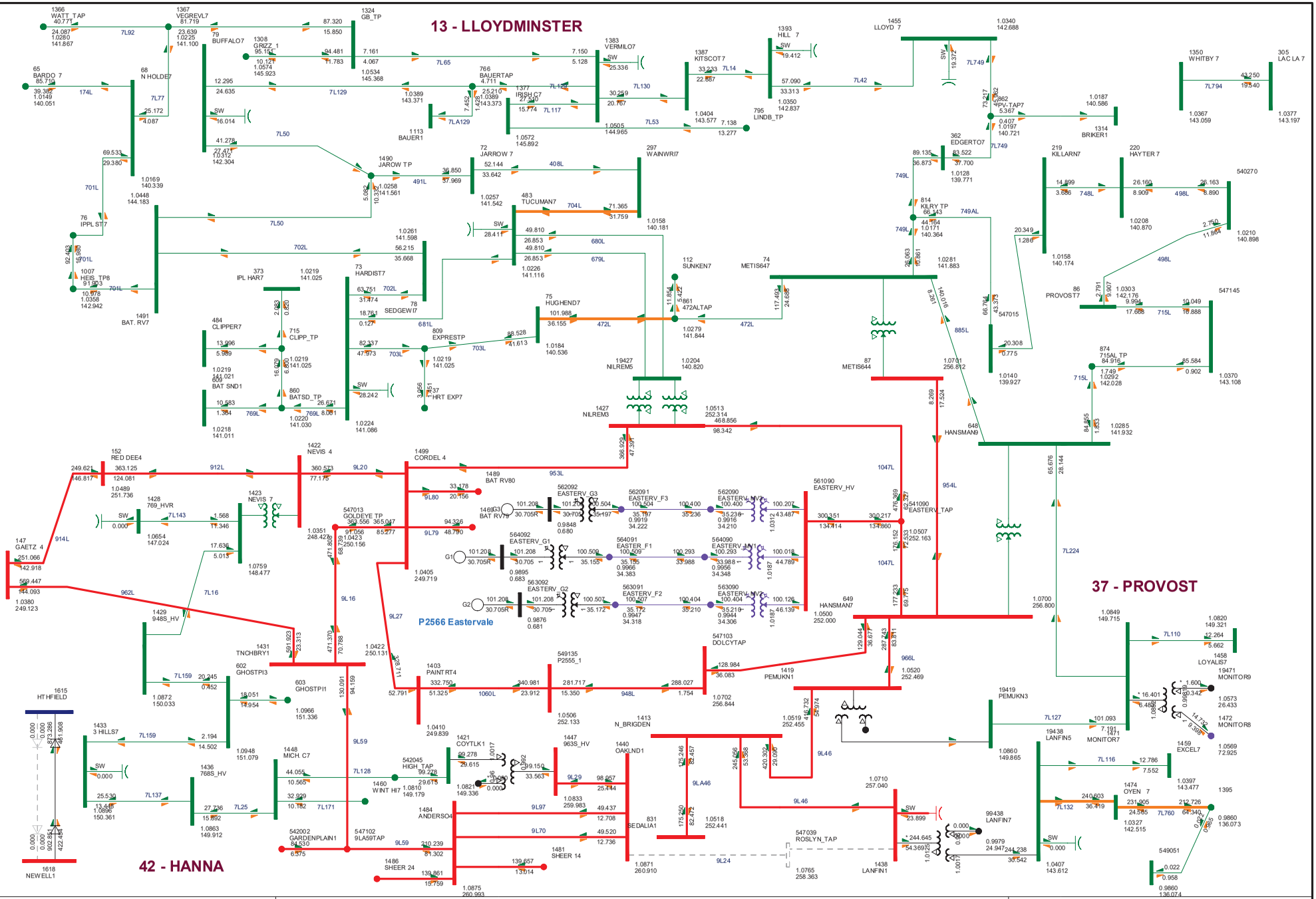


P2566 Eastervale Solar Battery

FIGURE A7.2-4 N-1: 1047L (HANSMAN LAKE 650S TO NILREM 574S) WITH RAS
2028 SUMMER LIGHT, HIGH GENERATION (POST-CONNECTION)
PRINTED ON FRIDAY 15. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

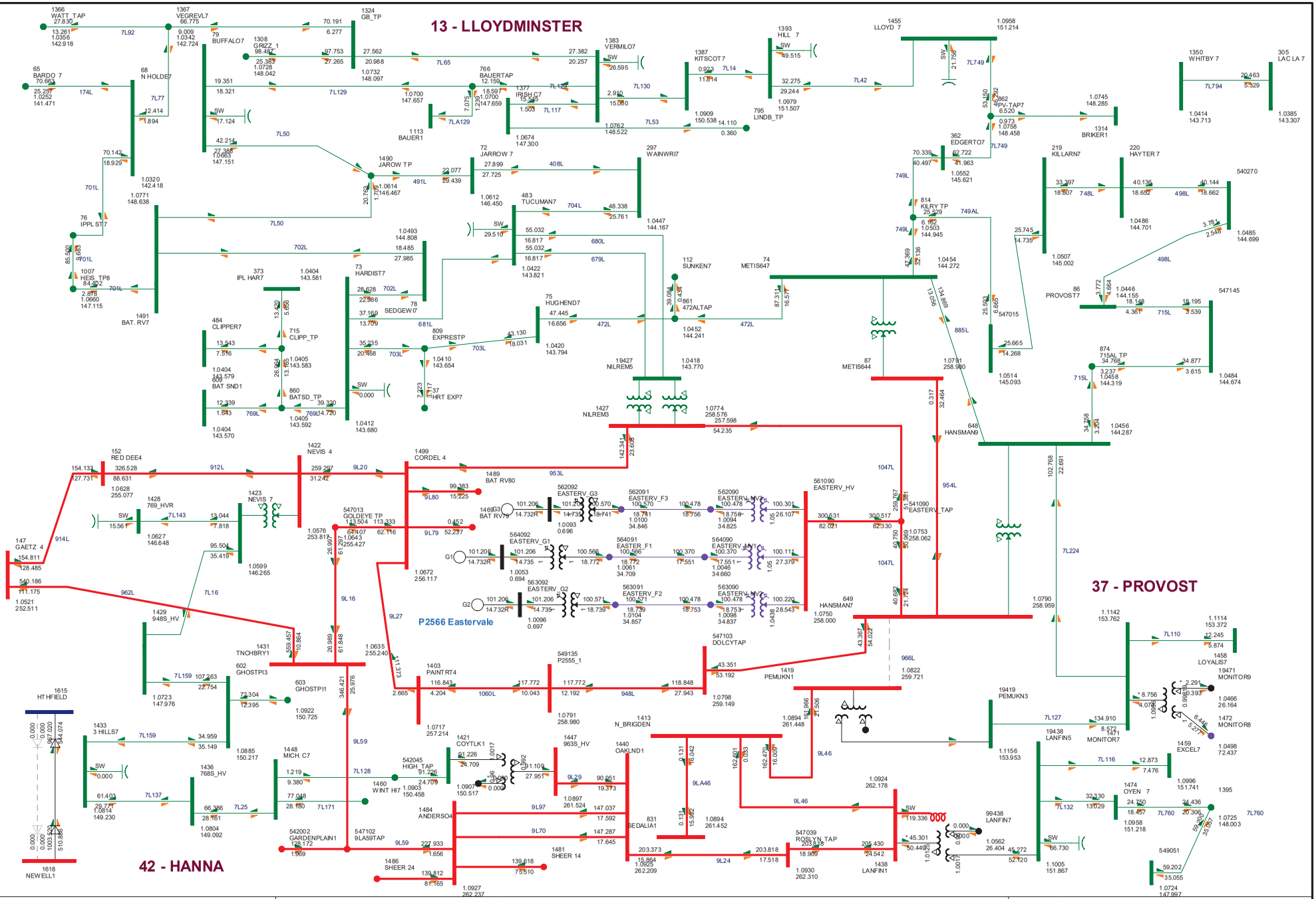


P2566 Eastervale Solar Battery

FIGURE A7.2-5 N-1: 9L24 (OAKLAND 946S - LANFINE 959S) WITH RAS
2028 SUMMER LIGHT, HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

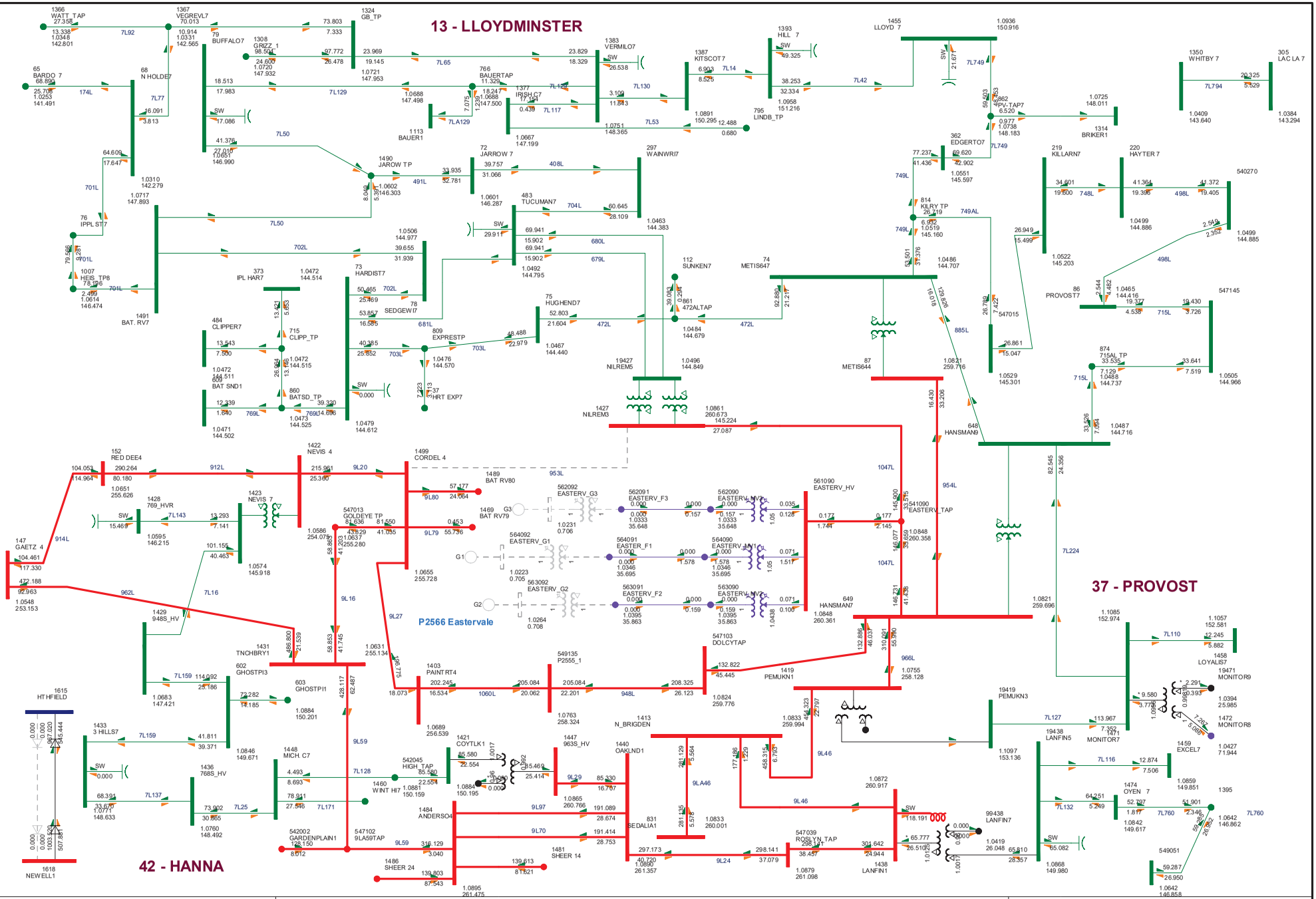


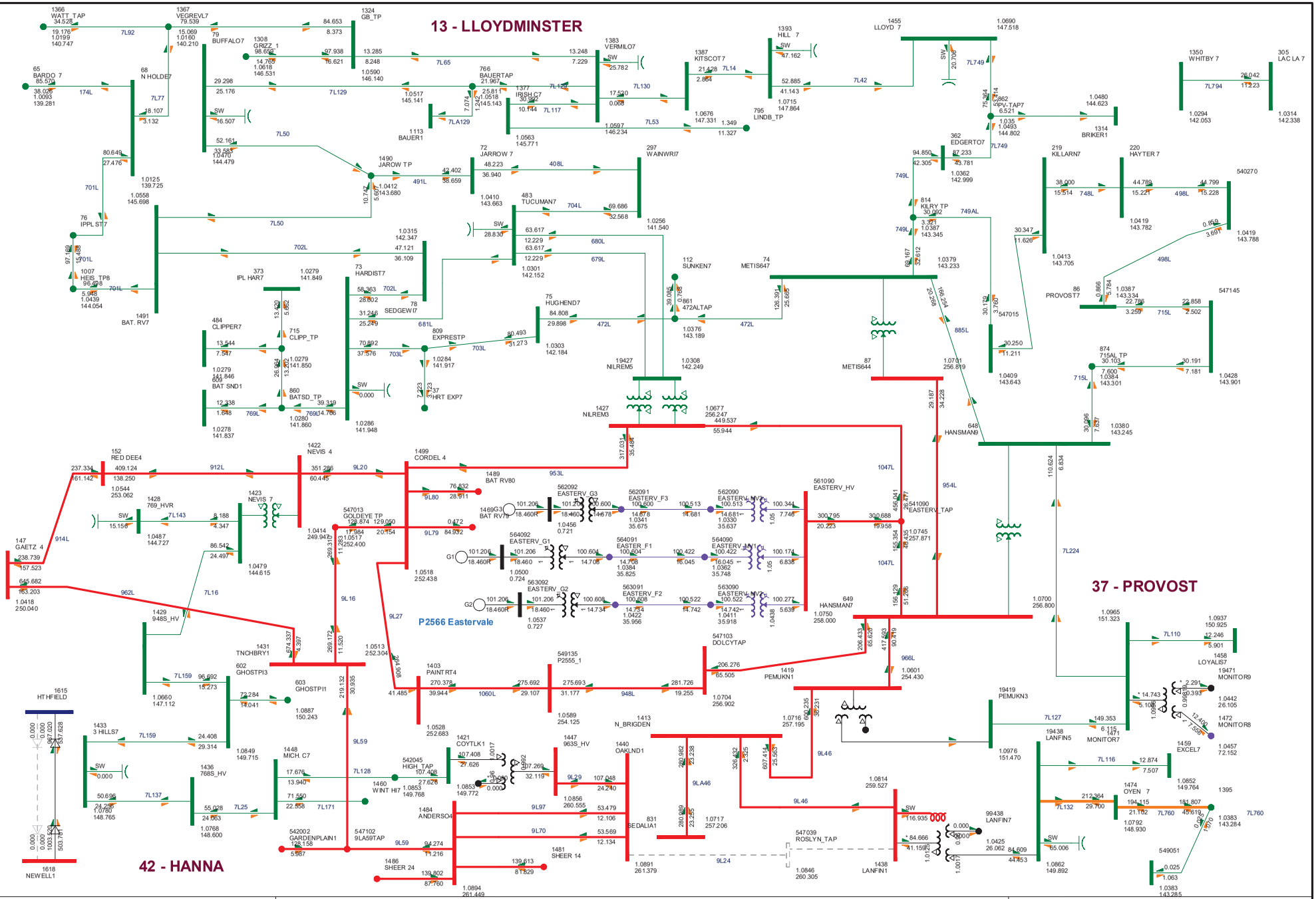
P2566 Eastervale Solar Battery

FIGURE A7.3-1 N-1: 966L (HANSMAN LAKE 650S TO PEMUKAN 932S) WITH RAS
2028 WINTER PEAK, HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000


13 - LLOYDMINSTER
37 - PROVOST
42 - HANNA
P2566 Eastervale
1366 WATT_TAP 27.385
1367 VEGREVL7 70.013
1324 GB_TP
1308 GRIZZ_1 98.500
1383 VERMILO7
1387 KITSCOT7 6.903
1393 HILL_7 19.325
1455 LLOYD_7
1350 WHITBY_7
305 LAC LA_7
65 BARDO_7 68.890
68 N HOLDE7
766 BAUERTAP 11.329
1377 IRISH_C7 17.454
795 LINDB_TP
1113 BAUER1
1314 BRIKER1
362 EDGERTO7 69.620
PV-TAP7 6.520
1490 JAROW TP
72 JARROW_7 39.57
297 WAINWRI7
483 TUCUMAN7
76 IPPL ST7
1007 HEIS_TP8 78.196
1491 BAT. RV7
373 IPL HAR7
73 HARDIST7
78 SEDGEWI7
484 CLIPPER7
715 CLIPP_TP
609 BAT SND1
860 BATSD_TP
809 EXPRESTP
HRT EXP7
75 HUGHEND7
112 SUNKEN7
74 METIS647
814 KILRY TP
219 KILLARN7
220 HAYTER 7
540270
498L
86 PROVOST7
547145
547015
874 715AL_TP
87 METIS644
19427 NILREM5
1427 NILREM3
648 HANSMAN8
649 HANSMAN7
152 RED DEE4
1422 NEVIS 4
1499 CORDEL 4
1489 BAT RV80
1469 BAT RV79
562092 EASTERV_G3
562091 EASTERV_F3
562090 EASTERV_MV3
561090 EASTERV_HV
541090 EASTERV_TAP
564092 EASTERV_G1
564091 EASTER_F1
564090 EASTERV_MV1
563092 EASTERV_G2
563091 EASTERV_F2
563090 EASTERV_MV2
547013 GOLDEYE TP
1428 769_HVR
1423 NEVIS 7
147 GAETZ 4
1429 948S_HV
1431 TNCHBRY1
602 GHOSTPI3
603 GHOSTPI1
549135 P2555_1
1403 PAINTRT4
547103 DOLCYTAP
1419 PEMUKN1
19419 PEMUKN3
1615 HTHFIELD
1433 3 HILLS7
1436 768S_HV
1448 MICH_C7
1460 WINT HI7
1421 COYTLK1
542045 HIGH_TAP
1447 963S_HV
1440 OAKLND1
1413 N_BRIGDEN
1484 ANDERSO4
542002 GARDENPLAIN1
547102 9LA59TAP
1481 SHEER 14
1486 SHEER 24
831 SEDALIA1
547039 ROSLYN_TAP
99438 LANFIN7
1438 LANFIN1
1618 NEWELL1
19438 LANFIN5
1471 MONITOR7
19471 MONITOR9
1472 MONITOR8
1458 LOYALIS7
1459 EXCEL7
1474 OYEN_7
549051
P2566 Eastervale Solar Battery
FIGURE A7.3-2 N-1: 953L (NILREN 574S TO CORDEL 755S) WITH RAS
2028 WINTER PEAK, HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024
Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar
kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

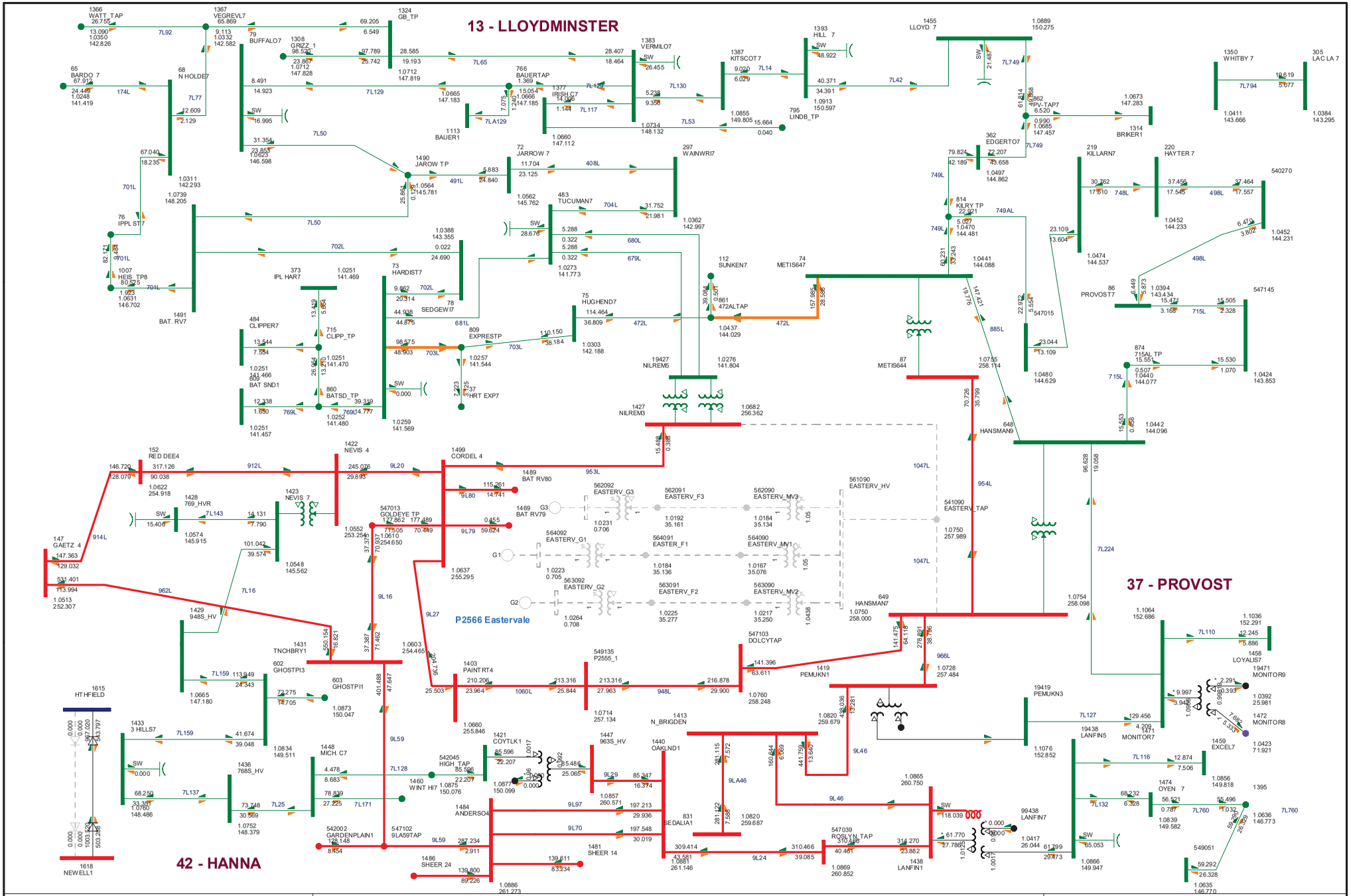


P2566 Eastervale Solar Battery

FIGURE A7.3-3 N-1: 9L24 (OAKLAND 946S - LANFINE 959S) WITH RAS
2028 WINTER PEAK, HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

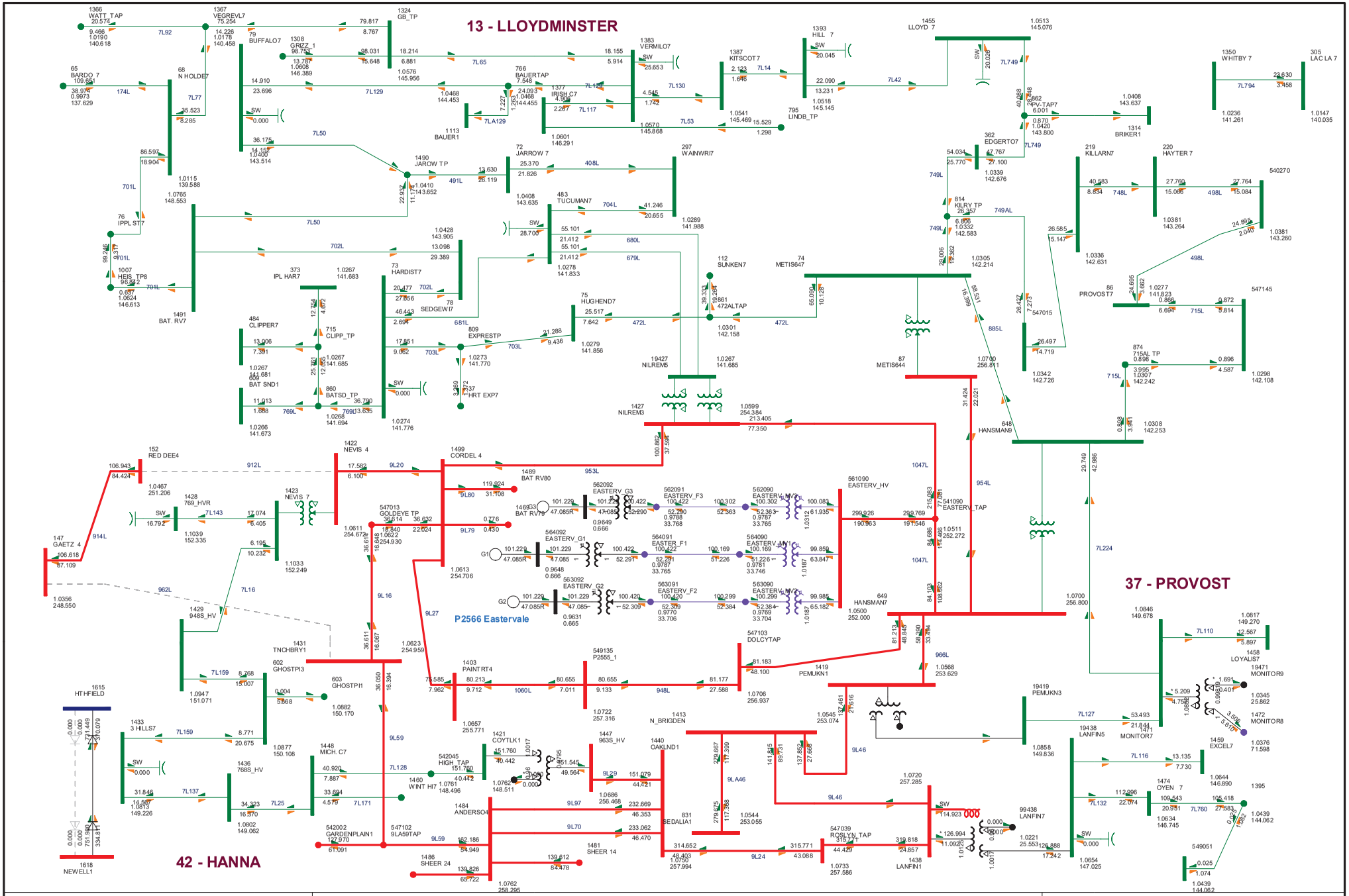


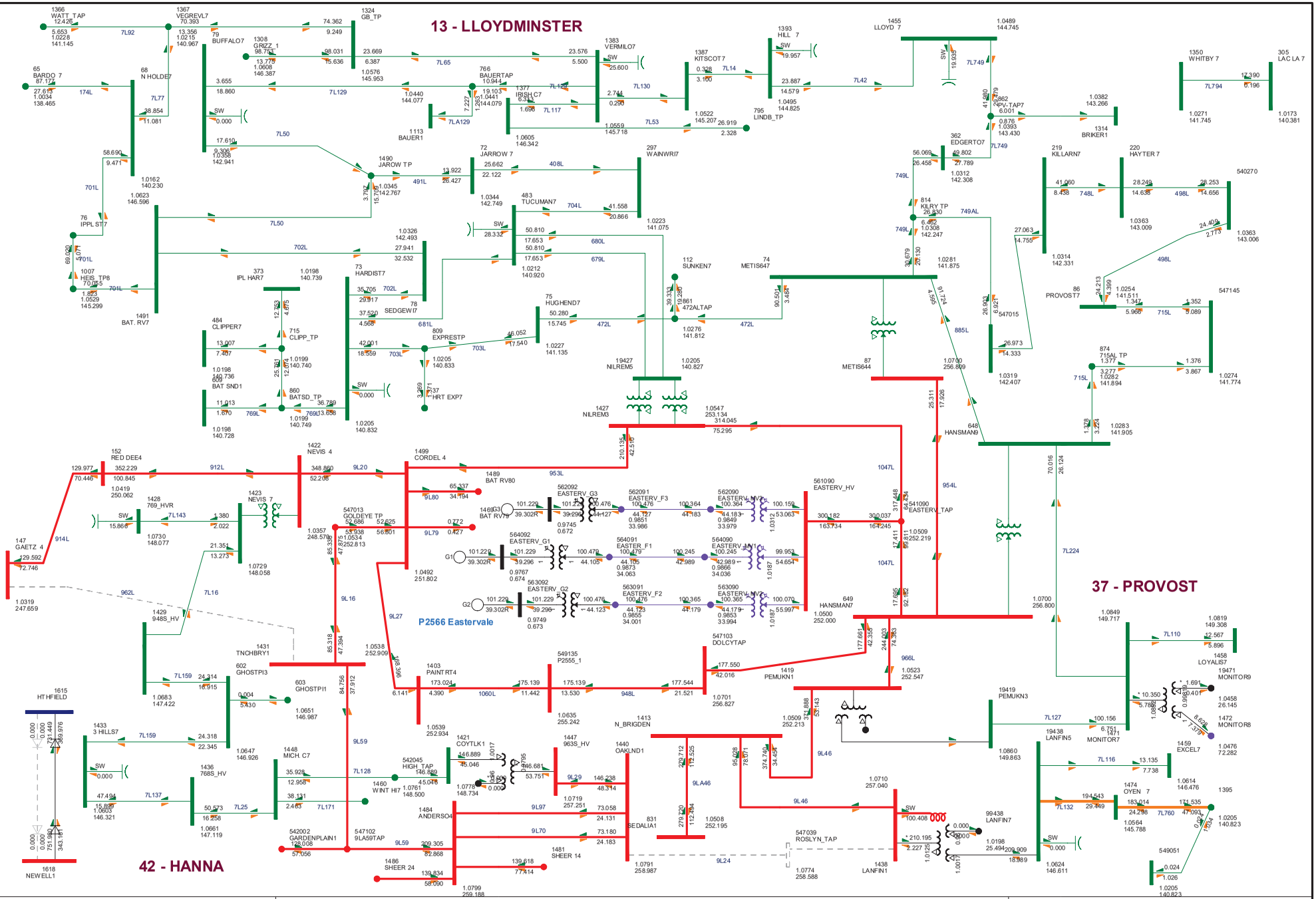
P2566 Eastervale Solar Battery

FIGURE A7.3-4 N-1: 1047L (HANSMAN LAKE 650S TO NILREM 574S) WITH RAS
2028 WINTER PEAK, HIGH GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000


13 - LLOYDMINSTER
37 - PROVOST
42 - HANNA
P2566 Eastervale
1366 WATT_TAP 20.574
1367 VEGREVL7 75.254
1324 GB_TP
1308 GRIZZ_1 98.753
1383 VERMILO7
1387 KITSCOT7
1393 HILL_7
1455 LLOYD 7
1350 WHITBY 7
305 LAC LA 7
65 BARDO_7 109.651
68 N HOLDE7
766 BAUERTAP 7.548
1377 IRISH_C7 4.500
795 LINDB_TP
1113 BAUER1
1314 BRIKER1
362 EDGERTO7 47.767
PV-TAP7 6.001
1490 JAROW TP
72 JARROW 7 25.370
297 WAINWRI7
483 TUCUMAN7
76 IPPL ST7
1007 HEIS_TP8 96.822
1491 BAT. RV7
373 IPL HAR7
73 HARDIST7
78 SEDGEWI7
484 CLIPPER7
715 CLIPP_TP
809 EXPRESTP
HRT EXP7
75 HUGHEND7 25.517
112 SUNKEN7
74 METIS647
814 KILRY TP 26.257
219 KILLARN7
220 HAYTER 7
540270
86 PROVOST7
547145
547015
87 METIS644
874 715AL TP 0.898
19427 NILREM5
1427 NILREM3
1599 254.384 213.405 77.350
648 HANSMAN8
152 RED DEE4
1422 NEVIS 4
1499 CORDEL 4
1423 NEVIS 7
547013 GOLDEYE TP
1489 BAT RV80
562092 EASTERV_G3
562091 EASTERV_F3
562090 EASTERV_MV3
561090 EASTERV_HV
541090 EASTERV_TAP
564092 EASTERV_G1
564091 EASTER_F1
564090 EASTERV_MV1
563092 EASTERV_G2
563091 EASTERV_F2
563090 EASTERV_MV2
147 GAETZ 4
1428 769_HVR
1429 948S_HV
1431 TNCHBRY1
602 GHOSTPI3
603 GHOSTPI1
1403 PAINTRT4
549135 P2555_1
547103 DOLCYTAP
1419 PEMUKN1
649 HANSMAN7
1615 HTHFIELD
1433 3 HILLS7
1436 768S_HV
1448 MICH_C7
1460 WINT HI7
542045 HIGH_TAP
1421 COYTLK1
1447 963S_HV
1440 OAKLND1
1413 N_BRIGDEN
1484 ANDERSO4
831 SEDALIA1
542002 GARDENPLAIN1
547102 9LA59TAP
1481 SHEER 14
1486 SHEER 24
1618 NEWELL1
547039 ROSLYN_TAP
1438 LANFIN1
99438 LANFIN7
19438 LANFIN5
19419 PEMUKN3
1471 MONITOR7
19471 MONITOR9
1472 MONITOR8
1458 LOYALIS7
1459 EXCEL7
1474 OYEN 7
549051
912L
914L
962L
953L
1047L
954L
966L
7L224
7L110
7L127
7L116
7L132
7L760
7L749
7L42
7L50
7L129
7L65
7L53
7L130
7L117
7L14
7L77
7L92
7L159
7L143
7L16
7L137
7L25
7L171
7L128
7L59
9L20
9L80
9L79
9L16
9L27
9L59
9L97
9L70
9L29
9L46
9L46A
9L24
1060L
948L
680L
679L
472L
472ALTAP
885L
715L
498L
749L
749AL
748L
701L
702L
703L
704L
681L
408L
491L
P2566 Eastervale Solar Battery
FIGURE A7.4-1 N-1: 912L (NEVIS 766S TO RED DEER 63S) WITH RAS
2028 SUMMER PEAK, HIGH GENERATION (POST-CONNECTION) - WITHOUT CETO
PRINTED ON SATURDAY 09. NOVEMBER 2024
Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar
kV: <=25.000 <=72.000 <=144.000 <=240.000 <=500.000 >500.000

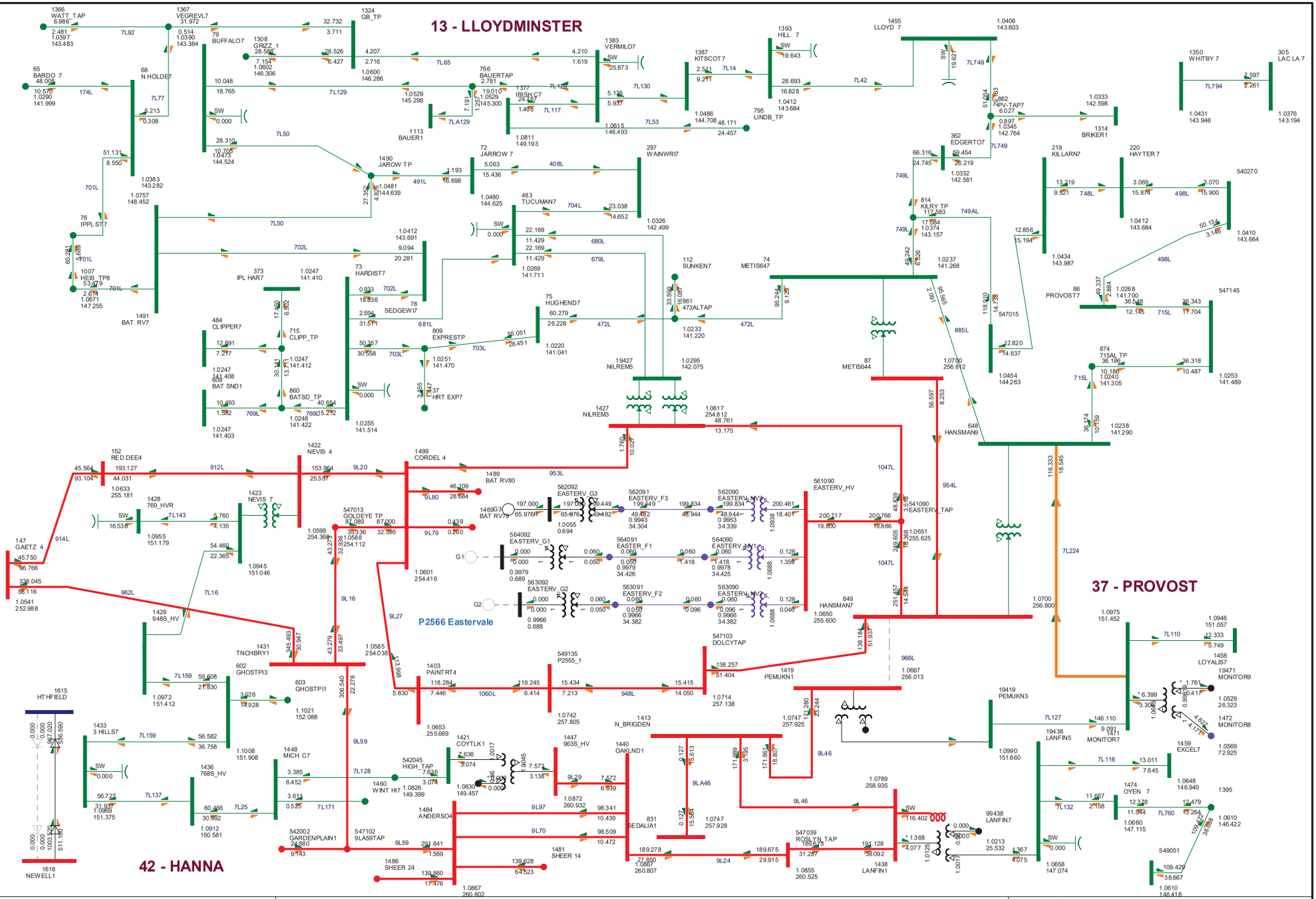


P2566 Eastervale Solar Battery

FIGURE A7.4-2 N-1: 9L24 (OAKLAND 946S - LANFINE 959S) WITH RAS
2028 SUMMER PEAK, HIGH GENERATION (POST-CONNECTION) - WITHOUT CETO
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

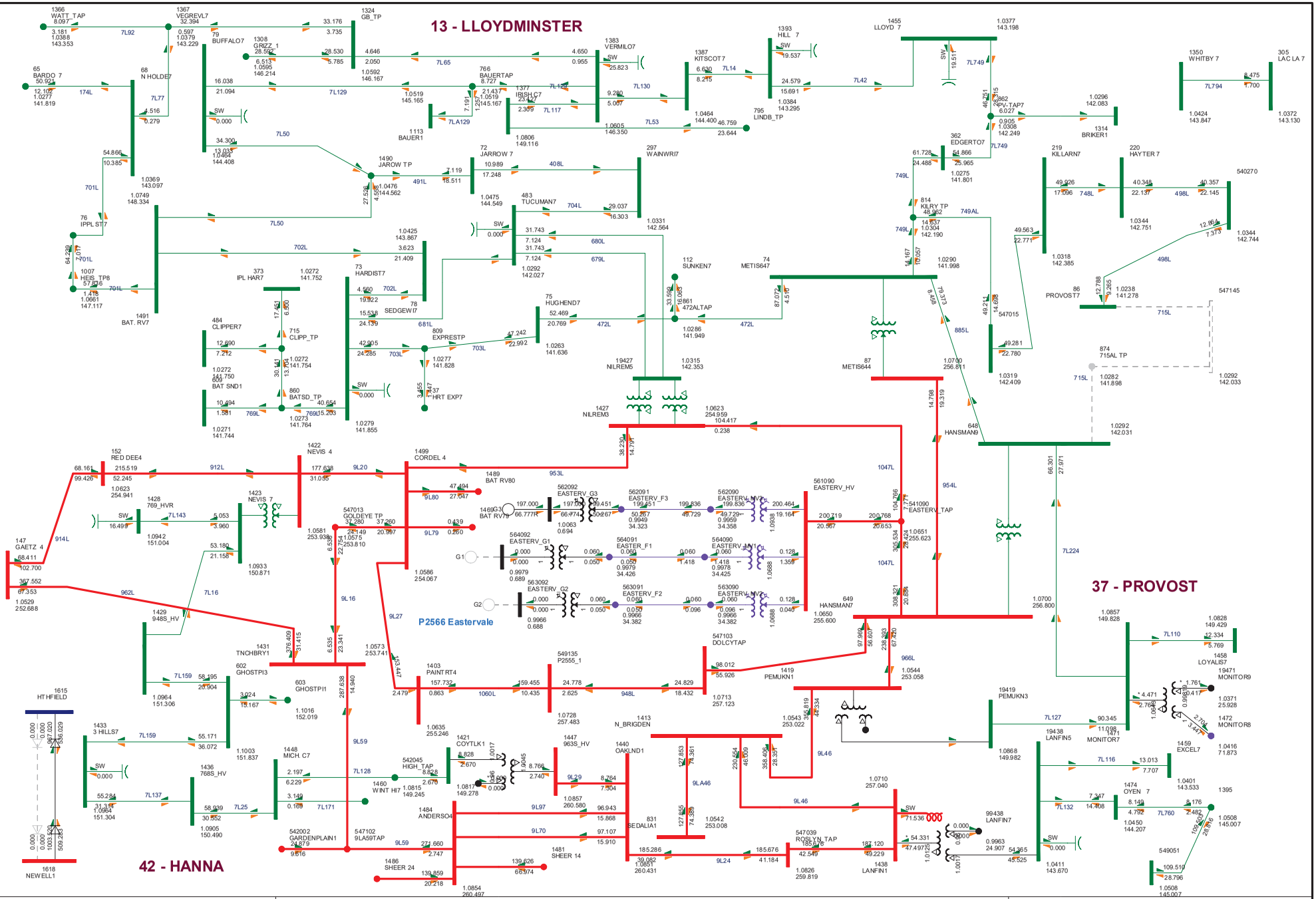


P2566 Eastervale Solar Battery

FIGURE A7.5-1 N-1: 966L (HANSMAN LAKE 650S TO PEMUKAN 932S) WITH RAS
2028 SUMMER PEAK, LOW GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

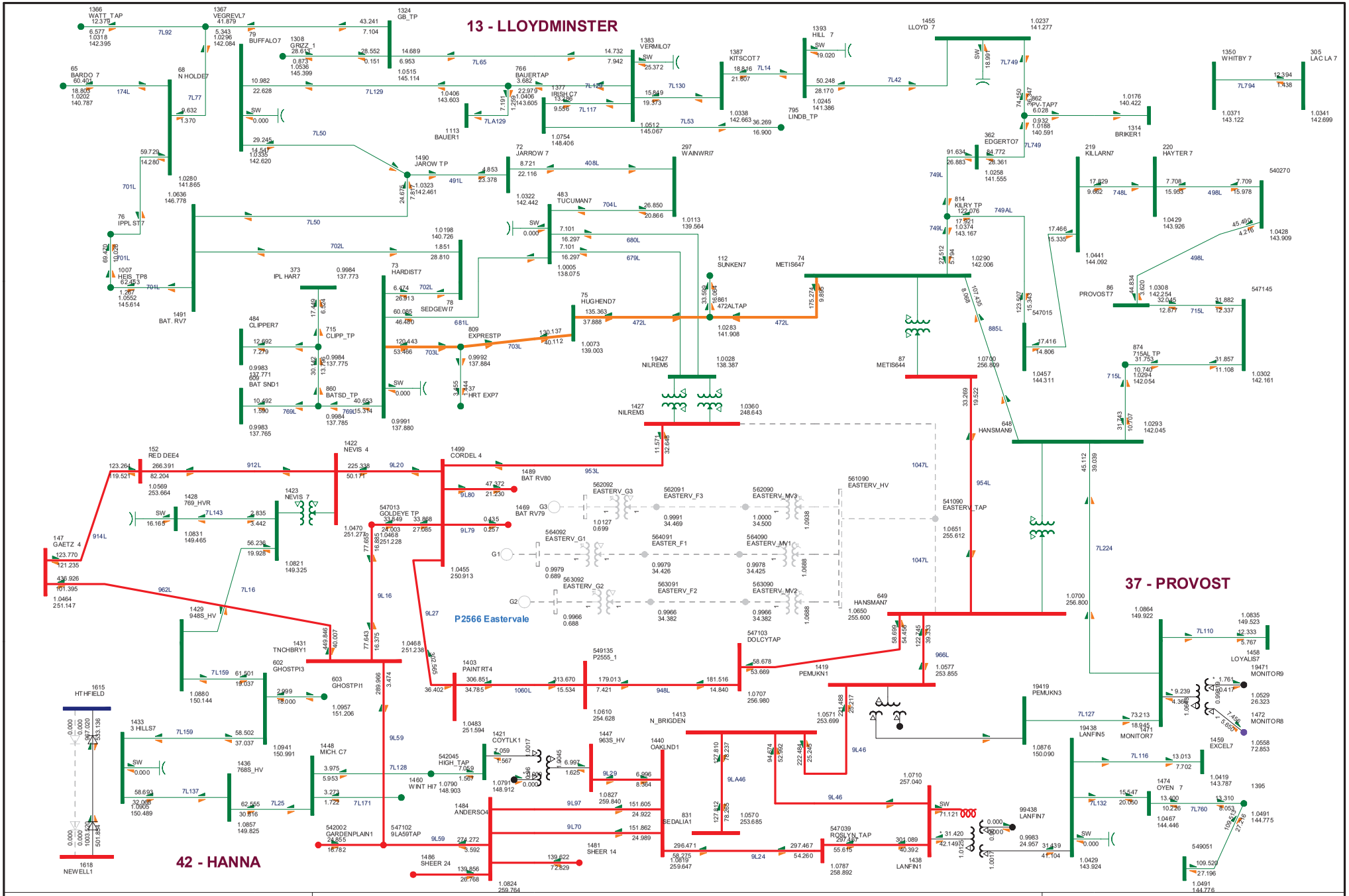


P2566 Eastervale Solar Battery

FIGURE A7.5-2 N-1: 715L (HANSMAN LAKE 650S TO PROVOST 545S) WITH RAS
2028 SUMMER PEAK, LOW GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024

Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar

kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000


13 - LLOYDMINSTER
37 - PROVOST
42 - HANNA
P2566 Eastervale
1366 WATT_TAP 12.379
1367 VEGREVL7 41.879
1324 GB_TP
1308 GRIZZ_1 28.613
1383 VERMILO7
1387 KITSCOT7
1393 HILL_7
1455 LLOYD 7
1350 WHITBY 7
305 LAC LA 7
65 BARDO_7 60.401
68 N HOLDE7
766 BAUERTAP 3.682
1377 IRISH_C7 13.255
795 LINDB_TP
362 EDGERTO7
219 KILLARN7
220 HAYTER 7
540270
1113 BAUER1
1314 BRIKER1
1490 JAROW TP
72 JARROW 7
297 WAINWRI7
483 TUCUMAN7
112 SUNKEN7
74 METIS647
814 KILRY TP 122.076
76 IPPL ST7
1007 HEIS_TP8 62.453
1491 BAT. RV7
373 IPL HAR7
73 HARDIST7
78 SEDGEWI7
75 HUGHEND7
809 EXPRESTP
1427 NILREM3
19427 NILREM5
87 METIS644
86 PROVOST7
547145
547015
874 715AL_TP 31.753
484 CLIPPER7
715 CLIPP_TP
860 BATSD_TP
BAT SND1
HRT EXP7
1422 NEVIS 4
1499 CORDEL 4
152 RED DEE4
1423 NEVIS 7
1428 769_HVR
147 GAETZ 4
1429 948S_HV
1431 TNCHBRY1
602 GHOSTPI3
603 GHOSTPI1
1615 HTHFIELD
1618 NEWELL1
1433 3 HILLS7
1436 768S_HV
1448 MICH_C7
1460 WINT HI7
542045 HIGH_TAP
1421 COYTLK1
1403 PAINTRT4
549135 P2555_1
1489 BAT RV80
1469 BAT RV79
562092 EASTERV_G3
562091 EASTERV_F3
562090 EASTERV_MV3
561090 EASTERV_HV
541090 EASTERV_TAP
564092 EASTERV_G1
564091 EASTER_F1
564090 EASTERV_MV1
563092 EASTERV_G2
563091 EASTERV_F2
563090 EASTERV_MV2
547013 GOLDEYE TP
649 HANSMAN7
648 HANSMAN8
547103 DOLCYTAP
1419 PEMUKN1
19419 PEMUKN3
1458 LOYALIS7
19471 MONITOR9
1472 MONITOR8
1471 MONITOR7
1459 EXCEL7
1474 OYEN 7
1395
1413 N_BRIGDEN
1440 OAKLND1
1447 963S_HV
831 SEDALIA1
1484 ANDERSO4
1481 SHEER 14
1486 SHEER 24
542002 GARDENPLAIN1
547102 9LA59TAP
547039 ROSLYN_TAP
1438 LANFIN1
19438 LANFIN5
99438 LANFIN7
549051
P2566 Eastervale Solar Battery
FIGURE A7.5-3 N-1: 1047L (HANSMAN LAKE 650S TO NILREM 574S) WITH RAS
2028 SUMMER PEAK, LOW GENERATION (POST-CONNECTION)
PRINTED ON SATURDAY 09. NOVEMBER 2024
Bus - Voltage (kV/pu)
Branch - MW/Mvar
Equipment - MW/Mvar
kV: <=25.000 <=72.000<=144.000<=240.000 <=500.000>500.000

Attachment A8
Constraint Effective Factors Table

Category A

| SCN1_2028SP_HG_PRE_P2S6 | | |

Category B

| Sce4_2028SP_HG_Post_Project | | |