



**Definitive Interconnection
System Impact Study for
Generation Interconnection
Requests**

(DISIS-2010-002-4)

**February, 2013
Generation Interconnection**

Revision History

| Date or Version Number | Author | Change Description |
|------------------------|--------|---|
| 01/31/2011 | SPP | Report Issued (DISIS-2010-002) |
| 07/26/2011 | SPP | Account for Withdrawn Projects, Report Re-Posted (DISIS-2010-002-1) |
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| 03/25/2012 | SPP | Account for Withdrawn Projects, Report Re-Posted (DISIS-2010-002-3) |
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Executive Summary

Generation Interconnection customers have requested a Definitive Interconnection System Impact Study (DISIS) under the Generation Interconnection Procedures (GIP) in the Southwest Power Pool Open Access Transmission Tariff (OATT). The Interconnection Customers' requests have been clustered together for the following System Impact Cluster Study window which closed September 30, 2010. The customers will be referred to in this study as the DISIS-2010-002 Interconnection Customers. This System Impact Study analyzes the interconnecting of multiple generation interconnection requests associated with new generation totaling approximately 1,212.7 MW of new generation which would be located within the transmission systems of Midwest Energy Inc. (MIDW), Oklahoma Gas and Electric (OKGE), Omaha Public Power District (OPPD), Sunflower Electric Power Corporation/Mid-Kansas Electric Power LLC (SUNC)/(MKEC), Southwestern Public Service (SPS), and Westar Energy (WERE). The various generation interconnection requests have differing proposed in-service dates¹. The generation interconnection requests included in this System Impact Cluster Study are listed in Appendix A by their queue number, amount, requested interconnection service, area, requested interconnection point, proposed interconnection point, and the requested in-service date. This restudy was performed to account for withdrawals within the DISIS-2010-002 study and/or higher queued projects withdrawing.

Power flow analysis has indicated that for the power flow cases studied, 1,212.7 MW of nameplate generation may be interconnected with transmission system reinforcements within the SPP transmission system. Dynamic stability and power factor analysis has determined the need for reactive compensation in accordance with Order No. 661-A for wind farm interconnection requests and those requirements are listed for each interconnection request within the contents of this report. Dynamic stability analysis has determined that the transmission system will remain stable with the assigned Network Upgrades and necessary reactive compensation requirements.

The total estimated minimum cost for interconnecting the DISIS-2010-002 interconnection customers is \$25,762,557. These costs are shown in Appendix E and F. Interconnection Service to DISIS-2010-002 interconnection customers is also contingent upon higher queued customers paying for certain required network upgrades. **The in service date for the DISIS customers will be deferred until the construction of these network upgrades can be completed.**

These costs do not include the Interconnection Customer Interconnection Facilities as defined by the SPP Open Access Transmission Tariff (OATT). This cost does not include additional network constraints in the SPP transmission system identified and shown in Appendix H.

¹ The generation interconnection requests in-service dates will need to be deferred based on the required lead time for the Network Upgrades necessary. The Interconnection Customer's that proceed to the Facility Study will be provided a new in-service date based on the Facility Study's time for completion of the Network Upgrades necessary.

Network Constraints listed in Appendix H are in the local area of the new generation when this generation is injected throughout the SPP footprint for the Energy Resource (ERIS) Interconnection Request. Certain Interconnection Requests were also studied for Network Resource Interconnection Service (NRIS). Those constraints are also listed in Appendix H. Additional Network constraints will have to be verified with a Transmission Service Request (TSR) and associated studies. With a defined source and sink in a TSR, this list of Network Constraints will be refined and expanded to account for all Network Upgrade requirements.

The required interconnection costs listed in Appendix E and F do not include all costs associated with the deliverability of the energy to final customers. These costs are determined by separate studies if the Customer submits a Transmission Service Request through SPP's Open Access Same Time Information System (OASIS) as required by Attachment Z1 of the SPP OATT.

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Introduction

Pursuant to the Southwest Power Pool (SPP) Open Access Transmission Tariff (OATT), SPP has conducted this Definitive Interconnection System Impact Study (DISIS) for certain generation interconnection requests in the SPP Generation Interconnection Queue. These interconnection requests have been clustered together for the following System Impact Study window which closed September 30, 2010. The customers will be referred to in this study as the DISIS-2010-002 Interconnection Customers. This System Impact Study analyzes the interconnecting of multiple generation interconnection requests associated with new generation totaling 1,212.7 MW of new generation which would be located within the transmission systems of Midwest Energy Inc. (MIDW), Oklahoma Gas and Electric (OKGE), Omaha Public Power District (OPPD), Sunflower Electric Power Corporation/Mid-Kansas Electric Power LLC (SUNC)/(MKEC), Southwestern Public Service (SPS), and Westar Energy (WERE). The various generation interconnection requests have differing proposed in-service dates². The generation interconnection requests included in this System Impact Study are listed in Appendix A by their queue number, amount, requested interconnection service, area, requested interconnection point, proposed interconnection point, and the requested in-service date. This restudy was performed to account for withdrawals within the DISIS-2010-002 cluster study and/or higher queued projects withdrawing.

The primary objective of this Definitive Interconnection System Impact Study is to identify the system constraints associated with connecting the generation to the area transmission system. The Impact and other subsequent Interconnection Studies are designed to identify attachment facilities, Network Upgrades and other Direct Assignment Facilities needed to accept power into the grid at each specific interconnection receipt point.

Model Development

Interconnection Requests Included in the Cluster

SPP has included all interconnection requests that submitted a Definitive Interconnection System Impact Study Agreement no later than September 30, 2010 and were subsequently accepted by Southwest Power Pool under the terms of the Generator Interconnection Procedures (GIP) that became effective March 30, 2010. The interconnection requests that are included in this study are listed in Appendix A.

² The generation interconnection requests in-service dates will need to be deferred based on the required lead time for the Network Upgrades necessary. The Interconnection Customer's that proceed to the Facility Study will be provided a new in-service date based on the competition of the Facility Study.

Affected System Interconnection Requests

Also included in this Definitive Impact Study are three Affected System Studies, all located on the Lea County Electric Cooperative (LCEC) system, which is located in Lea County, New Mexico, and shares connections to the SPS system. The Affected System Study Requests has been given the designations: ASGI-2010-020 (30 MW, POI is a tap on LCEC-Tatum – LCEC-Crossroads 69kV), ASGI-2010-021 (15 MW, POI is a tap on LCEC-Saunders – LCEC-Anderson 69kV), and ASGI-2011-001 (28.8 MW, POI is at LCEC-Lovington 115kV).

Previously Queued Interconnection Requests

The previous queued requests included in this study are listed in Appendix B. In addition to the Base Case Upgrades, the previous queued requests and associated upgrades were assumed to be in-service and added to the Base Case models. These projects were dispatched as Energy Resources with equal distribution across the SPP footprint.

Development of Base Cases

Power Flow

The 2012 series Transmission Service Request (TSR) Models 2013 spring, 2013 summer and winter peak, and the 2018 summer and winter peak, and 2023 summer peak scenario 0 cases were used for this study. After the cases were developed, each of the control areas' resources were then re-dispatched to account for the new generation requests using current dispatch orders.

Dynamic Stability

The 2012 series SPP Model Development Working Group (MDWG) Models 2014 winter and 2014 summer were used as starting points for this study.

Base Case Upgrades

The following facilities are part of the SPP Transmission Expansion Plan or the Balanced Portfolio or recently approved Priority Projects. These facilities, have an approved Notice to Construct (NTC), or are in construction stages and were assumed to be in-service at the time of dispatch and added to the base case models. The DISIS-2010-002 Customers have not been assigned acceleration costs for the below listed projects. The DISIS-2010-002 Customers Generation Facilities in service dates may need to be delayed until the completion of the following upgrades. If for some reason, construction on these projects is discontinued, additional restudies will be needed to determine the interconnection needs of the DISIS customers.

- Hitchland 230/115kV area projects³:
 - Hitchland – Moore County 230kV, (placed in-service in 2012)
 - Hitchland – Ochiltree 230kV Project, scheduled for 12/31/2012 in-service
- Valliant – Hugo – Sunnyside 345kV, (placed in-service in 2012)⁴

³ SPP Regional Reliability Projects identified in 2007 STEP. As of the writing of this report, SPP Project Tracking TAGIT shows some of these project's in-service dates have been delayed from the original 2010/2011 in-service dates.

⁴ SPP Transmission Service Projects identified in SPP-2006-AG3-AFS-11.

- Rose Hill – Sooner 345kV, (placed in-service in 2012)⁵
- Balanced Portfolio Projects⁶:
 - Woodward – Border – TUCO 345kV project, scheduled for 5/19/2014 in-service
 - Woodward 345/138kV circuit #2 autotransformer
 - TUCO 345/138kV circuit #2 autotransformer
 - Reactors at Woodward and Border
 - Iatan– Nashua 345kV, scheduled for 6/1/2015 in-service
 - Nashua 345/161kV autotransformer
 - Muskogee– Seminole 345kV, scheduled for 12/31/2013 in-service
 - Spearville – Post Rock 345kV, (placed in service in 2012)
 - Post Rock 345/230kV autotransformer, (placed in-service in 2012)
 - Post Rock – Axtell 345kV, , (placed in-service in 2012)
 - Cleveland – Sooner 345kV, scheduled for 12/31/2012 in-service
 - Tap Stillwell – Swissvale 345kV line at West Gardner, scheduled for 12/31/2012 in-service
- Priority Projects⁷:
 - Hitchland – Woodward double circuit 345kV, scheduled for 6/30/2014 in-service
 - Hitchland 345/230kV autotransformer
 - Woodward – Thistle double circuit 345kV, scheduled for 12/31/2014 in-service
 - Spearville – Clark double circuit 345kV, scheduled for 12/31/2014 in-service
 - Clark – Thistle double circuit 345kV, scheduled for 12/31/2014 in-service
 - Thistle – Wichita double circuit 345kV, scheduled for 12/31/2014 in-service
 - Thistle 345/138kV autotransformer, scheduled for 12/31/2014 in-service
 - Thistle – Flat Ridge 138kV, scheduled for 12/31/2014 in-service
- Various MKEC Transmission System Upgrades⁸
 - Harper – Flat Ridge 138kV rebuild, scheduled for 12/31/2013 in-service
 - Flat Ridge – Medicine Lodge 138kV rebuild, scheduled for 12/31/2013 in-service
 - Pratt – Medicine Lodge 115kV rebuild, scheduled for 6/1/2013 in-service
 - Medicine Lodge 138/115kV autotransformer replacement, scheduled for 6/1/2013 in-service

Contingent Upgrades

The following facilities do not yet have approval. These facilities have been assigned to higher queued interconnection customers. These facilities have been included in the models for the DISIS-2010-002 study and are assumed to be in service. This list may not be all inclusive. The DISIS-2010-002 Customers at this time do not have responsibility for these facilities but may later be assigned the cost of these facilities if higher queued customers terminate their GIA or withdraw from the

⁵ SPP Regional Reliability Project. Approved based on an order of the Kansas Corporation Commission issued in Docket no. 07-WSEE-715-MIS.

⁶ Notice to Construct (NTC) issued June 2009.

⁷ Notice to Construct (NTC) issued June 2010.

⁸ SPP Transmission Service Projects identified in SPP-2007-AG3-AFS-9.

interconnection queue. The DISIS-2010-002 Customer Generation Facilities in service dates may need to be delayed until the completion of the following upgrades.

- Upgrades assigned to 1st Cluster (ICS-2008-001) Interconnection Customers:
 - Amarillo - Swisher 230kV CKT 1 Rerate replace line traps
 - Clinton Jct - GEN-2007-032 Tap - Clinton 138kV Rerate
 - Finney-Holcomb 345kV 2nd Circuit
- Upgrades assigned to DISIS-2009-001 Interconnection Customers:
 - Fort Dodge – North Fort Dodge – Spearville 115kV circuit #2
 - Albion – Petersburg – Neligh 115kV rerate (placed in service 2011)
 - Fort Randall – Madison County – Kelly 230kV rerate (320MVA)
 - Spearville 345/115kV autotransformer
- Upgrades assigned to DISIS-2010-001 Interconnection Customers:
 - Post Rock 345/230kV circuit #2 autotransformer
 - South Hays – Hays Plant – Vine Street 115kV rebuild
 - Switch 2749 – Wildorado 69kV rebuild
 - Madison County – Kelly 230kV rerate (478MVA)
 - Washita – Gracemont 138kV circuit #2 (placed in service 2012)

Potential Upgrades Not in the Base Case

Any potential upgrades that do not have a Notification to Construct (NTC) have not been included in the base case. These upgrades include any identified in the SPP Extra-High Voltage (EHV) overlay plan, or any other SPP planning study other than the upgrades listed above in the previous section.

Regional Groupings

The interconnection requests listed in Appendix A were grouped together in fifteen different regional groups based on geographical and electrical impacts. These groupings are shown in Appendix C.

To determine interconnection impacts, fifteen different dispatch variations of the spring base case models were developed to accommodate the regional groupings.

Power Flow

For each interconnection request, the generator was dispatched at 100% of nameplate in each season. In light load seasons (2012 spring), within each group, all other wind generating plants were dispatched at 80% nameplate of maximum generation. In the groups the generator was not a part, the wind generating plants were dispatched at 20% nameplate of maximum generation. This process created multiple scenarios with each interconnection request being studied at 100% nameplate while other request being studied at 80% nameplate rating. These projects were dispatched as Energy Resources with equal distribution across the SPP footprint. Certain projects that requested Network Resource Interconnection Service were dispatched in an additional analysis into the balancing authority of the interconnecting transmission owner. This method allowed for the identification of network constraints that were common to the regional groupings that could then in turn have the mitigating upgrade cost allocated throughout the entire cluster.

Peaking units were not dispatched in the 2013 spring model. To study peaking units' impacts, the 2013 summer and winter, 2018 summer and winter, and 2023 summer peak seasonal models were chosen and peaking units were modeled at 100% of the nameplate rating and wind generating facilities were modeled at 10% of the nameplate rating. Each interconnection request was also modeled separately at 100% nameplate for certain analyses.

Dynamic Stability

For each group, all interconnection requests were studied at 100% nameplate output while the other groups were dispatched at 20% output for wind requests and 100% output for fossil requests.

Identification of Network Constraints

The initial set of network constraints were found by using PTI MUST First Contingency Incremental Transfer Capability (FCITC) analysis on the entire cluster grouping dispatched at the various levels mentioned above. These constraints were then screened to determine if any of the generation interconnection requests had at least a 20% Distribution Factor (DF) upon the constraint. Constraints that measured at least a 20% DF from at least one interconnection request were considered for mitigation. Interconnection Requests that were being studied for Network Resource Interconnection Service (NRIS) were studied in the additional NRIS analysis to determine if any constraint had at least a 3% DF. If so, these constraints were considered for mitigation.

Determination of Cost Allocated Network Upgrades

Cost Allocated Network Upgrades of wind generation interconnection requests were determined using the 2013 spring model. Cost Allocated Network Upgrades of peaking units was determined using the 2018 summer peak model. A MUST sensitivity analysis was performed to determine the Distribution Factors (DF), a distribution factor with no contingency that each generation interconnection request had on each new upgrade. The impact each generation interconnection request had on each upgrade project was weighted by the size of each request. Finally the costs due by each request for a particular project were then determined by allocating the portion of each request's impact over the impact of all affecting requests.

For example, assume that there are three Generation Interconnection requests, X, Y, and Z that are responsible for the costs of Upgrade Project '1'. Given that their respective PTDF for the project have been determined, the cost allocation for Generation Interconnection request 'X' for Upgrade Project 1 is found by the following set of steps and formulas:

- Determine an Impact Factor on a given project for all responsible GI requests:

$$\text{Request X Impact Factor on Upgrade Project 1} = \text{PTDF}(\%)(X) * \text{MW}(X) = X1$$

$$\text{Request Y Impact Factor on Upgrade Project 1} = \text{PTDF}(\%)(Y) * \text{MW}(Y) = Y1$$

$$\text{Request Z Impact Factor on Upgrade Project 1} = \text{PTDF}(\%)(Z) * \text{MW}(Z) = Z1$$

- Determine each request's Allocation of Cost for that particular project:

$$\text{Request X's Project 1 Cost Allocation (\$)} = \frac{\text{Network Upgrade Project 1 Cost(\$)} * X1}{X1 + Y1 + Z1}$$

- Repeat previous for each responsible GI request for each Project

The cost allocation of each needed Network Upgrade is determined by the size of each request and its impact on the given project. This allows for the most efficient and reasonable mechanism for sharing the costs of upgrades.

Credits for Amounts Advanced for Network Upgrades

Interconnection Customer shall be entitled to credits in accordance with Attachment Z1 of the SPP Tariff for any Network Upgrades including any tax gross-up or any other tax-related payments associated with the Network Upgrades, and not refunded to the Interconnection Customer.

Interconnection Facilities

The requirement to interconnect the 1,212.7 MW of generation into the existing and proposed transmission systems in the affected areas of the SPP transmission footprint consist of the necessary cost allocated shared facilities listed in Appendix F by upgrade. The interconnection requirements for the cluster total \$25,762,557. Interconnection Facilities specific to each generation interconnection request are listed in Appendix E. A preliminary one-line drawing for each generation interconnection request are listed in Appendix D.

A list of constraints with greater than or equal to a 20% DF that were identified and used for mitigation are listed in Appendix G. Other Network Constraints, those between 3% and 20% DF, which were not used are shown in Appendix H. With a defined source and sink in a TSR, this list of Network Constraints will be refined and expanded to account for all Network Upgrade requirements.

Power Flow Analysis

Power Flow Analysis Methodology

The ACCC function of PSS/E was used to simulate single element and special (i.e., breaker-to-breaker, multi-element, etc) contingencies in portions or all of the modeled control areas of SPP, as well as, other control areas external to SPP and the resulting scenarios analyzed. NERC Category "B" and "C" contingencies were evaluated.

Power Flow Analysis

A power flow analysis was conducted for each Interconnection Customer's facility using modified versions of the 2013 spring peak, 2013 summer and winter peak, and the 2018 summer and winter peak, and 2023 summer peak models. The output of the Interconnection Customer's facility was offset in each model by a reduction in output of existing online SPP generation. This method allows the request to be studied as an Energy Resource (ER) Interconnection Request. Certain requests that requested Network Resource Interconnection Service (NRIS) had an additional analysis conducted for displacing resources in the interconnecting Transmission Owner's balancing authority.

This analysis was conducted assuming that previous queued requests in the immediate area of these interconnect requests were in-service. The analysis of each Customer's project indicates that criteria violations will occur on the NPPD, OKGE, and SPS transmission systems under steady state and contingency conditions in the peak seasons.

Cluster Group 1 (Woodward Area)

In addition to the 3,001.6 MW of previously queued generation in the area, 300.0 MW of new interconnection service was studied. With Base Case and previously allocated network upgrades in service, no new upgrades are necessary for interconnection of the generators in this group. No new constraints for mitigation were found in this area.

Cluster Group 2 (Hitchland Area)

In addition to the 1,966.7 MW of previously queued generation in the area, 300.0 MW of new interconnection service was studied. With the withdrawal of higher queued and DISIS-2010-002 requests, the interconnection constraints are alleviated for the expansion of the Beaver County 345kV to interconnect both Hitchland-Woodward 345kV lines into the Beaver County Substation.

Cluster Group 3 (Spearville Area)

In addition to the 2,695.6 MW of previously queued generation in the area, 197.8 MW of new interconnection service was studied. With Base Case and previously allocated network upgrades in service, no new upgrades are necessary for interconnection of the generators in this group. No new constraints for mitigation were found in this area.

Cluster Group 4 (NW Kansas Group)

In addition to the 1,917.1 MW of previously queued generation in the area, 70.0 MW of new interconnection service was studied. With Base Case and previously allocated network upgrades in service, no new upgrades are necessary for interconnection of the generators in this group. No new constraints for mitigation were found in this area.

Cluster Group 5 (Amarillo Area)

In addition to the 1,572.6 MW of previously queued generation in the area, 0.0 MW of new interconnection service was studied. No new constraints were found in this area.

Cluster Group 6 (South Texas Panhandle/New Mexico)

In addition to the 1,771.2 MW of previously queued generation in the area, 129.8 MW of new interconnection service was studied. Lowered capacity for the ASGI-2010-020 and ASGI-2010-021 requests has relieved the thermal overloading on the 69kV transmission line from the ASGI-2010-020 Tap – LCEC-Tatum – LCEC-McDonald – LCEC-Reed – LCEC-Lovington that was previously being mitigated.

Cluster Group 7 (Southwestern Oklahoma)

In addition to the 1,669.0 MW of previously queued generation in the area, 0.0 MW of new interconnection service was studied. No new constraints were found in this area.

Cluster Group 8 (South Central Kansas/North Oklahoma)

In addition to the 1,831.4 MW of previously queued generation in the area, 0.0 MW of new interconnection service was studied. No new constraints were found in this area.

Cluster Group 9/10 (Nebraska)

In addition to the 1,261 MW of previously queued generation in the area, 210.5 MW of new interconnection service was studied. Through further investigation by the transmission owner, additional work will be required on the GEN-2010-051 Tap – Twin Church – Dixon County 230kV to accommodate the interconnection of GEN-2010-051.

| MONTCOMMONNAME | RATEB | TDF | TC%LOADING | CONTNAME |
|--|-------|-----|------------|--|
| 'G10-51T 230.00 - TWIN CHURCH 230KV CKT 1' | 192 | 1 | 104.5287 | 'G10-51T 230.00 - HOSKINS 230KV CKT 1' |
| 'G10-51T 230.00 - HOSKINS 230KV CKT 1' | 192 | 1 | 104.2096 | 'G10-51T 230.00 - TWIN CHURCH 230KV CKT 1' |

Cluster Group 12 (Northwest Arkansas)

In addition to the 0.0 MW of previously queued generation in the area, 0.0 MW of new interconnection service was studied. No new constraints were found in this area.

Cluster Group 13 (Northwest Missouri)

In addition to the 380 MW of previously queued generation in the area, 4.6 MW of new interconnection service was studied. No new constraints were found in this area.

Cluster Group 14 (South Central Oklahoma)

In addition to the 200.0 MW of previously queued generation in the area, 0.0 MW of new interconnection service was studied. No new constraints were found in this area.

Stability Analysis

The Stability Analysis was not repeated as no major transmission configuration was necessary as a result of this restudy. Previous Impact Studies for DISIS-2010-002 should be consulted for power factor requirements.

Conclusion

The minimum cost of interconnecting 1,212.7 MW of new interconnection requests included in this Definitive Interconnection System Impact Study is estimated at \$25,762,557 for the Allocated Network Upgrades and Transmission Owner Interconnection Facilities are listed in Appendix E and F. These costs do not include the cost of upgrades of other transmission facilities listed in Appendix H which are Network Constraints.

These interconnection costs do not include any cost of Network Upgrades determined to be required by short circuit analysis. These studies will be performed if the Interconnection Customer executes the appropriate Interconnection Facilities Study Agreement and provides the required data along with demonstration of Site Control and the appropriate deposit. At the time of the Interconnection Facilities Study, a better determination of the interconnection facilities may be available.

The required interconnection costs listed in Appendices E, and F, and other upgrades associated with Network Constraints do not include all costs associated with the deliverability of the energy to final customers. These costs are determined by separate studies if the Customer submits a Transmission Service Request (TSR) through SPP's Open Access Same Time Information System (OASIS) as required by Attachment Z1 of the SPP Open Access Transmission Tariff (OATT).

Appendix

A: Generation Interconnection Requests Considered for Impact Study

See next page.

A: Generation Interconnection Requests Considered for Impact Study

| Request | Amount | Service | Area | Requested Point of Interconnection | Proposed Point of Interconnection | Requested In-Service Date | In Service Date Delayed Until no earlier than* |
|---------------|--------|----------------|----------|--|--|---------------------------|--|
| ASGI-2010-020 | 30.0 | ER | SPS | Tap LE-Tatum - LE-Crossroads 69kV | Tap LE-Tatum - LE-Crossroads 69kV | | |
| ASGI-2010-021 | 15.0 | ER | SPS | Tap LE-Saunders Tap - LE-Anderson 69kV | Tap LE-Saunders Tap - LE-Anderson 69kV | | |
| ASGI-2011-001 | 28.8 | ER | SPS | LE-Lovington 115kV | Lovington 115kV | | |
| GEN-2010-001 | 300.0 | ER | SPS | Tap Hitchland - Woodward Ckt 1 (Beaver County) 345kV | Tap Hitchland - Woodward Ckt 1 (Beaver County) 345kV | 1/1/2012 | 12/31/2014 |
| GEN-2010-036 | 4.6 | ER | WERE | 6th Street 115kV | 6th Street 115kV | 8/1/2012 | TBD |
| GEN-2010-040 | 300.0 | ER/NR | OKGE | Cimarron 345kV | Cimarron 345kV | 11/30/2011 | TBD |
| GEN-2010-041 | 10.5 | ER | OPPD | S 1399 161kV | S 1399 161kV | 12/31/2011 | TBD |
| GEN-2010-045 | 197.8 | ER/NR | SUNCMKEC | Tap Holcomb - Spearville (Gray County) 345kV | Buckner 345kV | 12/31/2012 | 12/31/2014 |
| GEN-2010-046 | 56.0 | ER | SPS | Tuco 230kV | TUCO Interchange 230kV | 5/1/2013 | 12/31/2014 |
| GEN-2010-048 | 70.0 | ER/NR | MIDW | Tap Beach Station - Redline 115kV | Tap Beach Station - Redline 115kV | 12/31/2011 | 12/31/2014 |
| GEN-2010-051 | 200.0 | ER | NPPD | Tap Twin Church - Hoskins 230kV | Tap Twin Church - Hoskins 230kV | 12/15/2012 | TBD |
| TOTAL | | 1,212.7 | | | | | |

*request dependent upon Priority Projects or Balanced Portfolio may be delayed until 12/31/2014. Other projects in service date to be determined after Facility Study.

B: Prior Queued Interconnection Requests

See next page.

B: Prior Queued Interconnection Requests

| Request | Amount | Area | Requested/Proposed Point of Interconnection | Status or In-Service Date |
|--|--------|----------|---|---------------------------|
| ASGI-2010-006 | 150 | AECI | Tap Fairfax (AECI) - Shilder (AEPW) 138kV | AECI queue Affected Study |
| ASGI-2010-010 | 42.2 | SPS | Lovington 115kV | Lea County Affected Study |
| GEN-2001-014 | 96 | WFEC | Ft Supply 138kV | On-Line |
| GEN-2001-026 | 74 | WFEC | Washita 138kV | On-Line |
| GEN-2001-033 | 180 | SPS | San Juan Tap 230kV | On-Line |
| GEN-2001-036 | 80 | SPS | Norton 115kV | On-Line |
| GEN-2001-037 | 102 | OKGE | FPL Moreland Tap 138kV | On-Line |
| GEN-2001-039A | 105 | SUNCMKEC | Tap Greensburg - Ft Dodge (Shooting Star Tap) 115kV | On Schedule for 2012 |
| GEN-2001-039M | 99 | SUNCMKEC | Central Plains Tap 115kV | On-Line |
| GEN-2002-004 | 200 | WERE | Latham 345kV | On-Line at 150MW |
| GEN-2002-005 | 120 | WFEC | Red Hills Tap 138kV | On-Line |
| GEN-2002-008 | 240 | SPS | Hitchland 345kV | On-Line at 120MW |
| GEN-2002-009 | 80 | SPS | Hansford 115kV | On-Line |
| GEN-2002-022 | 240 | SPS | Bushland 230kV | On-Line |
| GEN-2002-023N | 0.8 | NPPD | Harmony 115kV | On-Line |
| GEN-2002-025A | 150 | SUNCMKEC | Spearville 230kV | On-Line |
| GEN-2003-004 GEN-2004-023 GEN-2005-003 | 151.2 | WFEC | Washita 138kV | On-Line |
| GEN-2003-005 | 100 | WFEC | Anadarko - Paradise (Blue Canyon) 138kV | On-Line |
| GEN-2003-006A | 200 | SUNCMKEC | Elm Creek 230kV | On-Line |
| GEN-2003-019 | 250 | MIDW | Smoky Hills Tap 230kV | On-Line |
| GEN-2003-020 | 160 | SPS | Martin 115kV | On-Line at 80MW |
| GEN-2003-021N | 75 | NPPD | Ainsworth Wind Tap 115kV | On-Line |
| GEN-2003-022 | 120 | AEPW | Washita 138kV | On-Line |
| GEN-2004-005N | 30 | NPPD | St Francis 115kV | On Suspension |
| GEN-2004-014 | 154.5 | SUNCMKEC | Spearville 230kV | On Schedule for 2012 |
| GEN-2004-020 | 27 | AEPW | Washita 34.5kV | On-Line |
| GEN-2004-023N | 75 | NPPD | Columbus Co 115kV | On-Line |
| GEN-2005-005 | 18 | OKGE | FPL Moreland Tap 138kV | IA Pending |
| GEN-2005-008 | 120 | OKGE | Woodward 138kV | On-Line |
| GEN-2005-012 | 250 | SUNCMKEC | Spearville 345kV | On Schedule for 2012 |
| GEN-2005-013 | 201 | WERE | Tap Latham - Neosho (Caney River) 345kV | On-Line |
| GEN-2006-002 | 101 | AEPW | Sweetwater 230kV | On-Line |
| GEN-2006-006 | 205.5 | SUNCMKEC | Spearville 345kV | IA Pending |
| GEN-2006-014 | 300 | MIPU | Tap Maryville - Midway (Nodway Co) 161kV | On Suspension |
| GEN-2006-018 | 170 | SPS | TUCO Interchange 230kV | On-Line |
| GEN-2006-020N | 42 | NPPD | Bloomfield 115kV | On-Line |
| GEN-2006-020S | 18.9 | SPS | DWS Frisco 115kV | On Schedule for 3/2012 |
| GEN-2006-021 | 101 | SUNCMKEC | Flat Ridge Tap 138kV | On-Line |
| GEN-2006-022 | 150 | SUNCMKEC | Ninnescah 115kV | On Suspension |
| GEN-2006-024S | 19.8 | WFEC | Buffalo Bear Tap 69kV | On-Line |
| GEN-2006-026 | 604 | SPS | Hobbs 230kV & Hobbs 115kV | On-Line |
| GEN-2006-031 | 75 | MIDW | Knoll 115kV | On-Line |
| GEN-2006-032 | 200 | MIDW | South Hays 230kV | On Suspension |
| GEN-2006-035 | 225 | AEPW | Sweetwater 230kV | On-Line at 132MW |

| Request | Amount | Area | Requested/Proposed Point of Interconnection | Status or In-Service Date |
|------------------|--------|----------|--|---------------------------|
| GEN-2006-037N1 | 75 | NPPD | Broken Bow 115kV | On Suspension |
| GEN-2006-038N005 | 80 | NPPD | Broken Bow 115kV | On-Line |
| GEN-2006-038N019 | 80 | NPPD | Petersburg North 115kV | On-Line |
| GEN-2006-040 | 108 | SUNCMKEC | Mingo 115kV | On Suspension |
| GEN-2006-043 | 99 | AEPW | Sweetwater 230kV | On-Line |
| GEN-2006-044 | 370 | SPS | Hitchland 345kV | On Schedule for 2012 |
| GEN-2006-044N | 40.5 | OPPD | North Petersburg 115kV | On-Line |
| GEN-2006-045 | 240 | SPS | Tap Potter - Plant X 230kV (South Randle County) 230kV | On Suspension |
| GEN-2006-046 | 131 | OKGE | Dewey 138kV | On-Line |
| GEN-2006-047 | 240 | SPS | Tap Bushland - Deaf Smith (Buffalo) 230kV | On Suspension |
| GEN-2007-011 | 135 | SUNCMKEC | Syracuse 115kV | On Suspension |
| GEN-2007-011N08 | 81 | NPPD | Bloomfield 115kV | On-Line |
| GEN-2007-015 | 135 | WERE | Tap Kelly(WERE) - S1399(OPPD) 161kV | On Schedule 2014 |
| GEN-2007-021 | 201 | OKGE | Tatonga 345kV | On Schedule for 2014 |
| GEN-2007-025 | 300 | WERE | Viola 345kV | On Schedule for 2012 |
| GEN-2007-032 | 150 | WFEC | Tap Clinton Junction - Clinton 138kV | On Schedule for 2013 |
| GEN-2007-038 | 200 | SUNCMKEC | Spearville 345kV | On Schedule for 2015 |
| GEN-2007-040 | 200 | SUNCMKEC | Buckner 345kV | On Schedule for 2012 |
| GEN-2007-043 | 200 | OKGE | Minco 345kV | On-Line |
| GEN-2007-044 | 300 | OKGE | Tatonga 345kV | On Schedule for 2014 |
| GEN-2007-046 | 199.5 | SPS | Hitchland 115kV | On Schedule for 2014 |
| GEN-2007-048 | 400 | SPS | Tap Amarillo S - Swisher 230kV | On Schedule for 2014 |
| GEN-2007-050 | 170 | OKGE | Woodward EHV 138kV | On-Line at 150MW |
| GEN-2007-052 | 150 | WFEC | Anadarko 138kV | On-Line |
| GEN-2007-057 | 34.5 | SPS | Moore County East 115kV | On Schedule for 2014 |
| GEN-2007-062 | 765 | OKGE | Woodward EHV 345kV | On Schedule for 2014 |
| GEN-2008-003 | 101 | OKGE | Woodward EHV 138kV | On-Line |
| GEN-2008-008 | 60 | SPS | Graham 69kV | On Suspension |
| GEN-2008-009 | 60 | SPS | San Juan Tap 230kV | On Schedule for 2014 |
| GEN-2008-013 | 300 | OKGE | Tap Wichita - Woodring (Hunter) 345kV | On-Line |
| GEN-2008-017 | 300 | SUNCMKEC | Setab 345kV | On Schedule for 2014 |
| GEN-2008-018 | 405 | SPS | Finney 345kV | On Schedule for 2012 |
| GEN-2008-019 | 300 | OKGE | Tatonga 345kV | On Schedule for 2015 |
| GEN-2008-021 | 42.0 | WERE | Wolf Creek 345kV | On-Line |
| GEN-2008-022 | 300 | SPS | Tap Eddy Co - Tolk (Chaves County) 345kV | On Schedule for 2015 |
| GEN-2008-023 | 150 | AEPW | Hobart Junction 138kV | On Schedule for 2012 |
| GEN-2008-025 | 101 | SUNCMKEC | Ruleton 115kV | On Schedule for 2015 |
| GEN-2008-029 | 250 | OKGE | Woodward EHV 138kV | On Schedule for 2014 |
| GEN-2008-037 | 101 | WFEC | Tap Washita - Blue Canyon Wind 138kV | On-Line |
| GEN-2008-044 | 197.8 | OKGE | Tatonga 345kV | On-Line |
| GEN-2008-046 | 200 | OKGE | Sunnyside 345kV | On Suspension |
| GEN-2008-047 | 300 | SPS | Tap Hitchland - Woodward Ckt 1 (Beaver County) 345kV | IA Pending |
| GEN-2008-051 | 322 | SPS | Potter County 345kV | On Schedule for 2012 |
| GEN-2008-071 | 76.8 | OKGE | Newkirk 138kV | On Suspension |
| GEN-2008-079 | 98.9 | SUNCMKEC | Tap Cudahy - Ft Dodge 115kV | On-Line |
| GEN-2008-086N02 | 200 | NPPD | Tap Ft Randle - Columbus (Madison County) 230kV | On Schedule for 2014 |
| GEN-2008-088 | 50.6 | SPS | Vega 69kV | IA Pending |

| Request | Amount | Area | Requested/Proposed Point of Interconnection | Status or In-Service Date |
|---|--------|----------|---|---------------------------|
| GEN-2008-092 | 201 | MIDW | Knoll 230kV | IA Pending |
| GEN-2008-098 | 100.8 | WERE | Tap Lacygne - Wolf Creek (Anderson County) 345kV | IA Pending |
| GEN-2008-1190 | 60 | OPPD | S1399 161kV | On-Line |
| GEN-2008-123N | 89.7 | NPPD | Tap Guide Rock - Pauline 115kV | On Suspension |
| GEN-2008-124 | 200 | SUNCMKEC | Spearville 345kV | On Schedule for 2014 |
| GEN-2008-124T | 42 | SPS | TC-Keyes Texas County 69kV | IA Pending |
| GEN-2008-129 | 80 | MIPU | Pleasant Hill 161kV | On-Line |
| GEN-2009-008 | 199.5 | MIDW | South Hays 230kV | On Suspension |
| GEN-2009-016 | 100.8 | AEPW | Falcon Road 138kV | On Suspension |
| GEN-2009-020 | 48.6 | MIDW | Tap Nekoma - Bazine 69kV | On Suspension |
| GEN-2009-025 | 60 | OKGE | Tap Deer Creek - Sinclair Blackwell 69kV | On Schedule for 2012 |
| GEN-2009-040 | 73.8 | WERE | Marshall 115kV | On Suspension |
| GEN-2009-067S | 20 | SPS | Seven Rivers 69kV | On Suspension |
| GEN-2009-073T | 48 | SPS | TC-Eva Texas County 69kV | IA Pending |
| GEN-2010-003 | 100.8 | WERE | Tap Lacygne - Wolf Creek (Anderson County) 345kV | IA Pending |
| GEN-2010-005 | 300 | WERE | Viola 345kV | On Schedule for 2012 |
| GEN-2010-006 | 205 | SPS | Jones 230kV | On-Line |
| GEN-2010-009 | 165.6 | SUNCMKEC | Buckner 345kV | On-Line |
| GEN-2010-011 | 30 | OKGE | Tatonga 345kV | On Line |
| GEN-2010-014 | 358.8 | SPS | Hitchland 345kV | On Schedule for 2016 |
| GEN-2010-015 | 200.1 | SUNCMKEC | Spearville 345kV | On Schedule for 2015 |
| Gray County Wind (Montezuma) | 110 | SUNCMKEC | Gray County Tap 115kV | On-Line |
| Llano Estacado (White Deer) | 80 | SPS | Llano Wind 115kV | On-Line |
| NPPD Distributed (Broken Bow) | 8.3 | NPPD | Broken Bow 115kV | On-Line |
| NPPD Distributed (Burwell) | 3 | NPPD | Ord 115kV | On-Line |
| NPPD Distributed (Columbus Hydro) | 45 | NPPD | Columbus 115kV | On-Line |
| NPPD Distributed (North Platte - Lexington) | 54 | NPPD | Multiple: Jeffrey 115kV, John_1 115kV, John_2 115kV | On-Line |
| NPPD Distributed (Ord) | 10.8 | NPPD | Ord 115kV | On-Line |
| NPPD Distributed (Stuart) | 2.1 | NPPD | Ainsworth 115kV | On-Line |
| SPS Distributed (Dumas 19th St) | 20 | SPS | Dumas 19th Street 115kV | On-Line |
| SPS Distributed (Etter) | 20 | SPS | Etter 115kV | On-Line |
| SPS Distributed (Hopi) | 10 | SPS | Hopi 115kV | On-Line |
| SPS Distributed (Jal) | 10 | SPS | S Jal 115kV | On-Line |
| SPS Distributed (Lea Road) | 10 | SPS | Lea Road 115kV | On-Line |
| SPS Distributed (Monument) | 10 | SPS | Monument 115kV | On-Line |
| SPS Distributed (Moore E) | 25 | SPS | Moore East 115kV | On-Line |
| SPS Distributed (Ocotillo) | 10 | SPS | Ocotillo 115kV | On-Line |
| SPS Distributed (Sherman) | 20 | SPS | Sherman 115kV | On-Line |
| SPS Distributed (Spearman) | 10 | SPS | Spearman 69kV | On-Line |
| SPS Distributed (TC-Texas County) | 20 | SPS | Texas County 115kV | On-Line |
| TOTAL 18,266.2 | | | | |

C: Study Groupings

See next page

C. Study Groups

| GROUP 1: WOODWARD AREA | | | |
|---------------------------------|----------------|------|-----------------------------------|
| Request | Capacity | Area | Proposed Point of Interconnection |
| GEN-2001-014 | 96.0 | WFEC | Ft Supply 138kV |
| GEN-2001-037 | 102.0 | OKGE | FPL Moreland Tap 138kV |
| GEN-2005-005 | 18.0 | OKGE | FPL Moreland Tap 138kV |
| GEN-2005-008 | 120.0 | OKGE | Woodward 138kV |
| GEN-2006-024S | 19.8 | WFEC | Buffalo Bear Tap 69kV |
| GEN-2006-046 | 131.0 | OKGE | Dewey 138kV |
| GEN-2007-021 | 201.0 | OKGE | Tatonga 345kV |
| GEN-2007-043 | 200.0 | OKGE | Minco 345kV |
| GEN-2007-044 | 300.0 | OKGE | Tatonga 345kV |
| GEN-2007-050 | 170.0 | OKGE | Woodward EHV 138kV |
| GEN-2007-062 | 765.0 | OKGE | Woodward EHV 345kV |
| GEN-2008-003 | 101.0 | OKGE | Woodward EHV 138kV |
| GEN-2008-019 | 300.0 | OKGE | Tatonga 345kV |
| GEN-2008-029 | 250.0 | OKGE | Woodward EHV 138kV |
| GEN-2008-044 | 197.8 | OKGE | Tatonga 345kV |
| GEN-2010-011 | 30.0 | OKGE | Tatonga 345kV |
| PRIOR QUEUED SUBTOTAL | 3,001.6 | | |
| GEN-2010-040 | 300.0 | OKGE | Cimarron 345kV |
| CURRENT CLUSTER SUBTOTAL | 300.0 | | |
| AREA TOTAL | 3,301.6 | | |

| GROUP 2: HITCHLAND AREA | | | |
|-----------------------------------|----------------|------|--|
| Request | Capacity | Area | Proposed Point of Interconnection |
| GEN-2002-008 | 240.0 | SPS | Hitchland 345kV |
| GEN-2002-009 | 80.0 | SPS | Hansford 115kV |
| GEN-2003-020 | 160.0 | SPS | Martin 115kV |
| GEN-2006-020S | 18.9 | SPS | DWS Frisco 115kV |
| GEN-2006-044 | 370.0 | SPS | Hitchland 345kV |
| GEN-2007-046 | 199.5 | SPS | Hitchland 115kV |
| GEN-2007-057 | 34.5 | SPS | Moore County East 115kV |
| GEN-2008-047 | 300.0 | SPS | Tap Hitchland - Woodward Ckt 1 (Beaver County) 345kV |
| GEN-2008-124T | 42.0 | SPS | TC-Keyes Texas County 69kV |
| GEN-2009-073T | 48.0 | SPS | TC-Eva Texas County 69kV |
| GEN-2010-014 | 358.8 | SPS | Hitchland 345kV |
| SPS Distributed (Dumas 19th St) | 20.0 | SPS | Dumas 19th Street 115kV |
| SPS Distributed (Etter) | 20.0 | SPS | Etter 115kV |
| SPS Distributed (Moore E) | 25.0 | SPS | Moore East 115kV |
| SPS Distributed (Sherman) | 20.0 | SPS | Sherman 115kV |
| SPS Distributed (Spearman) | 10.0 | SPS | Spearman 69kV |
| SPS Distributed (TC-Texas County) | 20.0 | SPS | Texas County 115kV |
| PRIOR QUEUED SUBTOTAL | 1,966.7 | | |
| GEN-2010-001 | 300.0 | SPS | Tap Hitchland - Woodward Ckt 1 (Beaver County) 345kV |
| CURRENT CLUSTER SUBTOTAL | 300.0 | | |
| AREA TOTAL | 2,266.7 | | |

| GROUP 3: SPEARVILLE AREA | | | |
|---------------------------------|-----------------|-------------|---|
| Request | Capacity | Area | Proposed Point of Interconnection |
| GEN-2001-039A | 105.0 | SUNCMKEC | Tap Greensburg - Ft Dodge (Shooting Star Tap) 115kV |
| GEN-2002-025A | 150.0 | SUNCMKEC | Spearville 230kV |
| GEN-2004-014 | 154.5 | SUNCMKEC | Spearville 230kV |
| GEN-2005-012 | 250.0 | SUNCMKEC | Spearville 345kV |
| GEN-2006-006 | 205.5 | SUNCMKEC | Spearville 345kV |
| GEN-2006-021 | 101.0 | SUNCMKEC | Flat Ridge Tap 138kV |
| GEN-2006-022 | 150.0 | SUNCMKEC | Ninnescah 115kV |
| GEN-2007-038 | 200.0 | SUNCMKEC | Spearville 345kV |
| GEN-2007-040 | 200.0 | SUNCMKEC | Buckner 345kV |
| GEN-2008-018 | 405.0 | SPS | Finney 345kV |
| GEN-2008-079 | 98.9 | SUNCMKEC | Tap Cudahy - Ft Dodge 115kV |
| GEN-2008-124 | 200.0 | SUNCMKEC | Spearville 345kV |
| GEN-2010-009 | 165.6 | SUNCMKEC | Buckner 345kV |
| GEN-2010-015 | 200.1 | SUNCMKEC | Spearville 345kV |
| Gray County Wind (Montezuma) | 110.0 | SUNCMKEC | Gray County Tap 115kV |
| PRIOR QUEUED SUBTOTAL | 2,695.6 | | |
| GEN-2010-045 | 197.8 | SUNCMKEC | Buckner 345kV |
| CURRENT CLUSTER SUBTOTAL | 197.8 | | |
| AREA TOTAL | 2,893.4 | | |

| GROUP 4: NW KANSAS AREA | | | |
|---------------------------------|-----------------|-------------|--|
| Request | Capacity | Area | Proposed Point of Interconnection |
| GEN-2001-039M | 99.0 | SUNCMKEC | Central Plains Tap 115kV |
| GEN-2003-006A | 200.0 | SUNCMKEC | Elm Creek 230kV |
| GEN-2003-019 | 250.0 | MIDW | Smoky Hills Tap 230kV |
| GEN-2006-031 | 75.0 | MIDW | Knoll 115kV |
| GEN-2006-032 | 200.0 | MIDW | South Hays 230kV |
| GEN-2006-040 | 108.0 | SUNCMKEC | Mingo 115kV |
| GEN-2007-011 | 135.0 | SUNCMKEC | Syracuse 115kV |
| GEN-2008-017 | 300.0 | SUNCMKEC | Setab 345kV |
| GEN-2008-025 | 101.0 | SUNCMKEC | Ruleton 115kV |
| GEN-2008-092 | 201.0 | MIDW | Knoll 230kV |
| GEN-2009-008 | 199.5 | MIDW | South Hays 230kV |
| GEN-2009-020 | 48.6 | MIDW | Tap Nekoma - Bazine 69kV |
| PRIOR QUEUED SUBTOTAL | 1,917.1 | | |
| GEN-2010-048 | 70.0 | MIDW | Tap Beach Station - Redline 115kV |
| CURRENT CLUSTER SUBTOTAL | 70.0 | | |
| AREA TOTAL | 1,987.1 | | |

GROUP 5: AMARILLO AREA

| Request | Capacity | Area | Proposed Point of Interconnection |
|------------------------------|----------------|------|--|
| GEN-2002-022 | 240.0 | SPS | Bushland 230kV |
| GEN-2006-045 | 240.0 | SPS | Tap Potter - Plant X 230kV (South Randle County) 230kV |
| GEN-2006-047 | 240.0 | SPS | Tap Bushland - Deaf Smith (Buffalo) 230kV |
| GEN-2007-048 | 400.0 | SPS | Tap Amarillo S - Swisher 230kV |
| GEN-2008-051 | 322.0 | SPS | Potter County 345kV |
| GEN-2008-088 | 50.6 | SPS | Vega 69kV |
| Llano Estacado (White Deer) | 80.0 | SPS | Llano Wind 115kV |
| PRIOR QUEUED SUBTOTAL | 1,572.6 | | |
| AREA TOTAL | 1,572.6 | | |

GROUP 6: S-TX PANHANDLE/NW AREA

| Request | Capacity | Area | Proposed Point of Interconnection |
|---------------------------------|----------------|------|--|
| ASGI-2010-010 | 42.2 | SPS | Lovington 115kV |
| GEN-2001-033 | 180.0 | SPS | San Juan Tap 230kV |
| GEN-2001-036 | 80.0 | SPS | Norton 115kV |
| GEN-2006-018 | 170.0 | SPS | TUCO Interchange 230kV |
| GEN-2006-026 | 604.0 | SPS | Hobbs 230kV & Hobbs 115kV |
| GEN-2008-008 | 60.0 | SPS | Graham 69kV |
| GEN-2008-009 | 60.0 | SPS | San Juan Tap 230kV |
| GEN-2008-022 | 300.0 | SPS | Tap Eddy Co - Tolk (Chaves County) 345kV |
| GEN-2009-067S | 20.0 | SPS | Seven Rivers 69kV |
| GEN-2010-006 | 205.0 | SPS | Jones 230kV |
| SPS Distributed (Hopi) | 10.0 | SPS | Hopi 115kV |
| SPS Distributed (Jal) | 10.0 | SPS | S Jal 115kV |
| SPS Distributed (Lea Road) | 10.0 | SPS | Lea Road 115kV |
| SPS Distributed (Monument) | 10.0 | SPS | Monument 115kV |
| SPS Distributed (Ocotillo) | 10.0 | SPS | Ocotillo 115kV |
| PRIOR QUEUED SUBTOTAL | 1,771.2 | | |
| ASGI-2010-020 | 30.0 | SPS | Tap LE-Tatum - LE-Crossroads 69kV |
| ASGI-2010-021 | 15.0 | SPS | Tap LE-Saunders Tap - LE-Anderson 69kV |
| ASGI-2011-001 | 28.8 | SPS | Lovington 115kV |
| GEN-2010-046 | 56.0 | SPS | TUCO Interchange 230kV |
| CURRENT CLUSTER SUBTOTAL | 129.8 | | |
| AREA TOTAL | 1,901.0 | | |

| GROUP 7: SW OKLAHOMA AREA | | | |
|--|-----------------|-------------|--|
| Request | Capacity | Area | Proposed Point of Interconnection |
| GEN-2001-026 | 74.0 | WFEC | Washita 138kV |
| GEN-2002-005 | 120.0 | WFEC | Red Hills Tap 138kV |
| GEN-2003-004 GEN-2004-023 GEN-2005-003 | 151.2 | WFEC | Washita 138kV |
| GEN-2003-005 | 100.0 | WFEC | Anadarko - Paradise (Blue Canyon) 138kV |
| GEN-2003-022 | 120.0 | AEPW | Washita 138kV |
| GEN-2004-020 | 27.0 | AEPW | Washita 34.5kV |
| GEN-2006-002 | 101.0 | AEPW | Sweetwater 230kV |
| GEN-2006-035 | 225.0 | AEPW | Sweetwater 230kV |
| GEN-2006-043 | 99.0 | AEPW | Sweetwater 230kV |
| GEN-2007-032 | 150.0 | WFEC | Tap Clinton Junction - Clinton 138kV |
| GEN-2007-052 | 150.0 | WFEC | Anadarko 138kV |
| GEN-2008-023 | 150.0 | AEPW | Hobart Junction 138kV |
| GEN-2008-037 | 101.0 | WFEC | Tap Washita - Blue Canyon Wind 138kV |
| GEN-2009-016 | 100.8 | AEPW | Falcon Road 138kV |
| PRIOR QUEUED SUBTOTAL | 1,669.0 | | |
| AREA TOTAL | 1,669.0 | | |

| GROUP 8: N-OK/S-KS AREA | | | |
|--------------------------------|-----------------|-------------|--|
| Request | Capacity | Area | Proposed Point of Interconnection |
| ASGI-2010-006 | 150.0 | AECI | Tap Fairfax (AECI) - Shilder (AEPW) 138kV |
| GEN-2002-004 | 200.0 | WERE | Latham 345kV |
| GEN-2005-013 | 201.0 | WERE | Tap Latham - Neosho (Caney River) 345kV |
| GEN-2007-025 | 300.0 | WERE | Viola 345kV |
| GEN-2008-013 | 300.0 | OKGE | Tap Wichita - Woodring (Hunter) 345kV |
| GEN-2008-021 | 42.0 | WERE | Wolf Creek 345kV |
| GEN-2008-071 | 76.8 | OKGE | Newkirk 138kV |
| GEN-2008-098 | 100.8 | WERE | Tap Lacygne - Wolf Creek (Anderson County) 345kV |
| GEN-2009-025 | 60.0 | OKGE | Tap Deer Creek - Sinclair Blackwell 69kV |
| GEN-2010-003 | 100.8 | WERE | Tap Lacygne - Wolf Creek (Anderson County) 345kV |
| GEN-2010-005 | 300.0 | WERE | Viola 345kV |
| PRIOR QUEUED SUBTOTAL | 1,831.4 | | |
| AREA TOTAL | 1,831.4 | | |

| GROUP 9/10: NEBRASKA AREA | | | |
|---|-----------------|-------------|---|
| Request | Capacity | Area | Proposed Point of Interconnection |
| GEN-2002-023N | 0.8 | NPPD | Harmony 115kV |
| GEN-2003-021N | 75.0 | NPPD | Ainsworth Wind Tap 115kV |
| GEN-2004-005N | 30.0 | NPPD | St Francis 115kV |
| GEN-2004-023N | 75.0 | NPPD | Columbus Co 115kV |
| GEN-2006-020N | 42.0 | NPPD | Bloomfield 115kV |
| GEN-2006-037N1 | 75.0 | NPPD | Broken Bow 115kV |
| GEN-2006-038N005 | 80.0 | NPPD | Broken Bow 115kV |
| GEN-2006-038N019 | 80.0 | NPPD | Petersburg North 115kV |
| GEN-2006-044N | 40.5 | OPPD | North Petersburg 115kV |
| GEN-2007-011N08 | 81.0 | NPPD | Bloomfield 115kV |
| GEN-2007-015 | 135.0 | WERE | Tap Kelly(WERE) - S1399(OPPD) 161kV |
| GEN-2008-086N02 | 200.0 | NPPD | Tap Ft Randle - Columbus (Madison County) 230kV |
| GEN-2008-1190 | 60.0 | OPPD | S1399 161kV |
| GEN-2008-123N | 89.7 | NPPD | Tap Guide Rock - Pauline 115kV |
| GEN-2009-040 | 73.8 | WERE | Marshall 115kV |
| NPPD Distributed (Broken Bow) | 8.3 | NPPD | Broken Bow 115kV |
| NPPD Distributed (Burwell) | 3.0 | NPPD | Ord 115kV |
| NPPD Distributed (Columbus Hydro) | 45.0 | NPPD | Columbus 115kV |
| NPPD Distributed (North Platte - Lexington) | 54.0 | NPPD | Multiple: Jeffrey 115kV, John_1 115kV, John_2 115kV |
| NPPD Distributed (Ord) | 10.8 | NPPD | Ord 115kV |
| NPPD Distributed (Stuart) | 2.1 | NPPD | Ainsworth 115kV |
| PRIOR QUEUED SUBTOTAL | 1,261.0 | | |
| GEN-2010-041 | 10.5 | OPPD | S 1399 161kV |
| GEN-2010-051 | 200.0 | NPPD | Tap Twin Church - Hoskins 230kV |
| CURRENT CLUSTER SUBTOTAL | 210.5 | | |
| AREA TOTAL | 1,471.5 | | |

GROUP 12: NW AR AREA

| Request | Capacity | Area | Proposed Point of Interconnection |
|------------|----------|------|-----------------------------------|
| AREA TOTAL | 0.0 | | |

GROUP 13: NW MISSOURI AREA

| Request | Capacity | Area | Proposed Point of Interconnection |
|---------------------------------|--------------|------|--|
| GEN-2006-014 | 300.0 | MIPU | Tap Maryville - Midway (Nodway Co) 161kV |
| GEN-2008-129 | 80.0 | MIPU | Pleasant Hill 161kV |
| PRIOR QUEUED SUBTOTAL | 380.0 | | |
| GEN-2010-036 | 4.6 | WERE | 6th Street 115kV |
| CURRENT CLUSTER SUBTOTAL | 4.6 | | |
| AREA TOTAL | 380.0 | | |

GROUP 14: S OKLAHOMA AREA

| Request | Capacity | Area | Proposed Point of Interconnection |
|------------------------------|--------------|------|-----------------------------------|
| GEN-2008-046 | 200.0 | OKGE | Sunnyside 345kV |
| PRIOR QUEUED SUBTOTAL | 200.0 | | |
| AREA TOTAL | 200.0 | | |

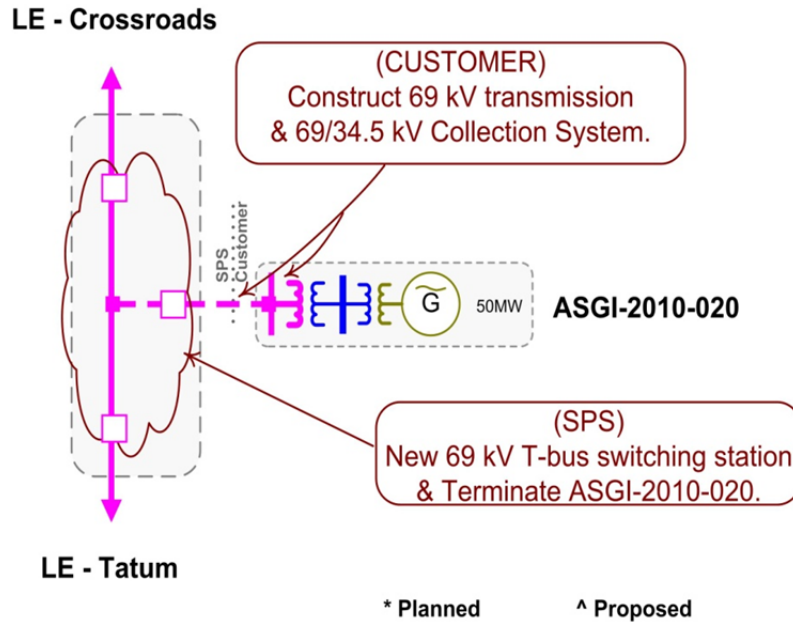
| | | |
|---|-----------------|-----------|
| CLUSTER TOTAL (CURRENT STUDY) | 1,212.7 | MW |
| PQ TOTAL (PRIOR QUEUED) | 18,266.2 | MW |
| CLUSTER TOTAL (INCLUDING PRIOR QUEUED) | 19,478.9 | MW |

D: Proposed Point of Interconnection One line Diagrams

Refer to most recent Facility study for each request for an updated one-line.

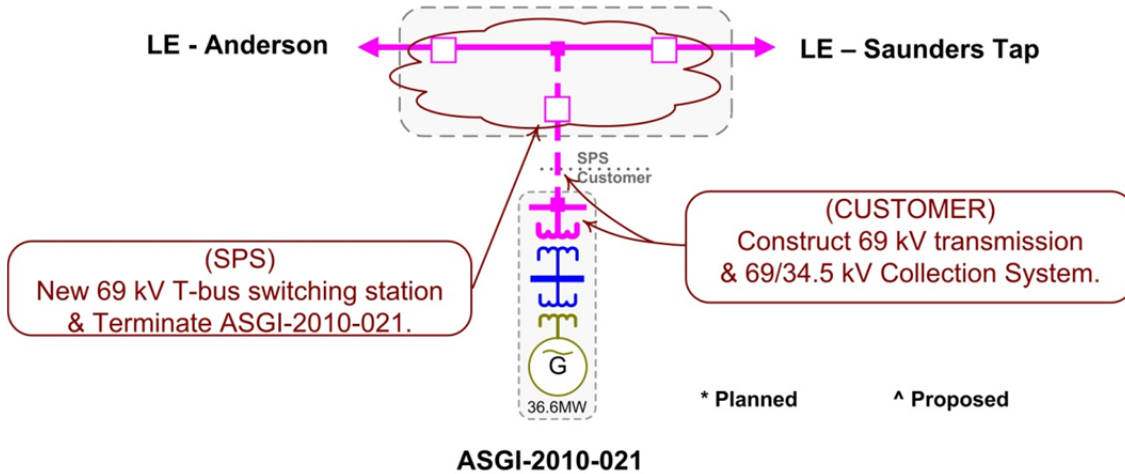
ASGI-2010-020

**New (SPS)
69 kV SWITCHING STATION**

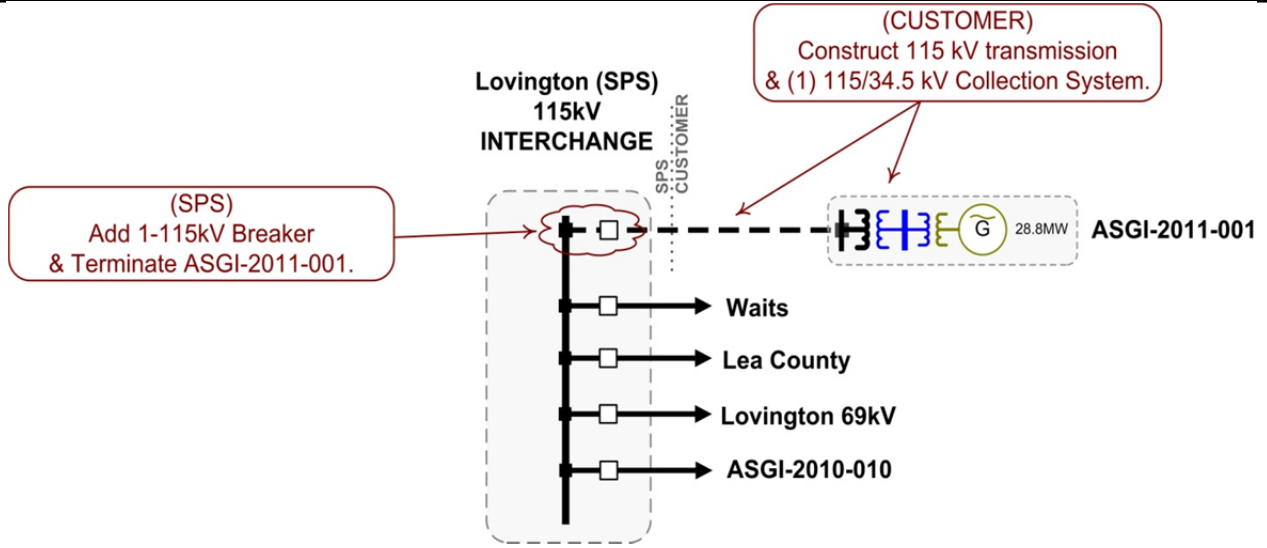


ASGI-2010-021

**New (SPS)
69 kV SWITCHING STATION**



ASGI-2011-001



E: Cost Allocation per Interconnection Request (Including Prior Queued Upgrades)

Important Note:

****WITHDRAWAL OF HIGHER QUEUED PROJECTS WILL CAUSE A RESTUDY
AND MAY RESULT IN HIGHER INTERCONNECTION COSTS****

This section shows each Generation Interconnection Request Customer, their current study impacted Network Upgrades, and the previously allocated upgrades upon which they rely to accommodate their interconnection to the transmission system.

The costs associated with the current study Network Upgrades are allocated to the Customers shown in this report.

In addition should a higher queued request, defined as one this study includes as a prior queued request, withdraw, the Network Upgrades assigned to the withdrawn request may be reallocated to the remaining requests that have an impact on the Network Upgrade under a restudy. Also, should a Interconnection Request choose to go into service prior to the operation date of any necessary Network Upgrades, the costs associated with those upgrades may be reallocated to the impacted Interconnection Request. The actual costs allocated to each Generation Interconnection Request Customer will be determined at the time of a restudy.

The required interconnection costs listed do not include all costs associated with the deliverability of the energy to final customers. These costs are determined by separate studies if the Customer submits a Transmission Service Request through SPP's Open Access Same Time Information System (OASIS) as required by Attachment Z1 of the SPP OATT. In addition, costs associated with a short circuit analysis will be allocated should the Interconnection Request Customer choose to execute a Facility Study Agreement.

Appendix E. Cost Allocation Per Request

(Including Previously Allocated Network Upgrades*)

| Interconnection Request and Upgrades | Upgrade Type | Allocated Cost | Upgrade Cost |
|--|----------------------------|----------------|------------------|
| ASGI-2010-020 | | | |
| ASGI-2010-020 Interconnection Costs See Online Diagram. | Current Study | \$0.00 | \$0.00 |
| Beaver County - Woodward 345kV CKT 1 Priority Project: Hitchland - Woodward Dbl 345kV CKT (Total Project E&C Cost Shown) | Previously Allocated | | \$226,040,727.00 |
| Border - Tuco Interchange 345KV CKT 1 Balanced Portfolio: Tuco - Woodward 345kV CKT 1 (Total Project E&C Cost Shown) | Previously Allocated | | \$249,932,114.00 |
| Border - Woodward 345KV CKT 1 Balanced Portfolio: Tuco - Woodward 345kV CKT 1 (Total Project E&C Cost Shown) | Previously Allocated | | \$249,932,114.00 |
| Hitchland - Beaver County 345kV CKT 1 Priority Project: Hitchland - Woodward Dbl 345kV CKT (Total Project E&C Cost Shown) | Previously Allocated | | \$226,040,727.00 |
| Hitchland - Woodward 345kV CKT 2 Priority Project: Hitchland - Woodward Dbl 345kV CKT (Total Project E&C Cost Shown) | Previously Allocated | | \$226,040,727.00 |
| Nichols - Harrington West 230kV CKT 1 Per GEN-2008-051 LOIS: Rebuild approximately 1 mile of 230kV @ 1825 amps | Previously Allocated | | \$869,251.00 |
| Thistle - Flat Ridge 138kV CKT 1 Priority Project: Thistle - Flat Ridge 138kV CKT 1 (Total Project E&C Cost Shown.) | Previously Allocated | | \$4,004,423.00 |
| Thistle - Wichita 345KV Dbl CKT Priority Project: Thistle - Wichita Dbl 345kV CKT (Total Project E&C Cost Shown.) | Previously Allocated | | \$166,598,000.00 |
| Thistle - Woodward 345KV Dbl CKT Priority Project: Thistle - Woodward Dbl 345kV CKT (Total Project E&C Cost Shown) | Previously Allocated | | \$212,090,000.00 |
| Thistle 345/138KV Transformer CKT 1 Priority Project: Thistle 345/138kV Transformer CKT 1 (Total Project E&C Cost Shown.) | Previously Allocated | | \$8,627,726.00 |
| TUCO Interchange 345/230/13.2KV Autotransformer CKT 2 Balanced Portfolio: TUCO 345/230 kV Transformer CKT 2 (Total Project E&C Cost Shown) | Previously Allocated | | \$14,900,907.00 |
| Woodward XFMR 345/138/13.8kV CKT 2 Balanced Portfolio: Woodward 345/138kV Transformer CKT 2 & 50 MVAR Reactor (Total Project E&C Cost Shown). | Previously Allocated | | \$15,000,000.00 |
| | Current Study Total | \$0.00 | |

ASGI-2010-021

* Withdrawal of higher queued projects will cause a restudy and may result in higher costs

| Interconnection Request and Upgrades | Upgrade Type | Allocated Cost | Upgrade Cost |
|--|----------------------------|-----------------------|---------------------|
| ASGI-2010-021 Interconnection Costs See Online Diagram. | Current Study | \$0.00 | \$0.00 |
| Beaver County - Woodward 345kV CKT 1 Priority Project: Hitchland - Woodward Dbl 345kV CKT (Total Project E&C Cost Shown) | Previously Allocated | | \$226,040,727.00 |
| Border - Tuco Interchange 345KV CKT 1 Balanced Portfolio: Tuco - Woodward 345kV CKT 1 (Total Project E&C Cost Shown) | Previously Allocated | | \$249,932,114.00 |
| Border - Woodward 345KV CKT 1 Balanced Portfolio: Tuco - Woodward 345kV CKT 1 (Total Project E&C Cost Shown) | Previously Allocated | | \$249,932,114.00 |
| Hitchland - Beaver County 345kV CKT 1 Priority Project: Hitchland - Woodward Dbl 345kV CKT (Total Project E&C Cost Shown) | Previously Allocated | | \$226,040,727.00 |
| Hitchland - Woodward 345kV CKT 2 Priority Project: Hitchland - Woodward Dbl 345kV CKT (Total Project E&C Cost Shown) | Previously Allocated | | \$226,040,727.00 |
| Nichols - Harrington West 230kV CKT 1 Per GEN-2008-051 LOIS: Rebuild approximately 1 mile of 230kV @ 1825 amps | Previously Allocated | | \$869,251.00 |
| Thistle - Flat Ridge 138kV CKT 1 Priority Project: Thistle - Flat Ridge 138kV CKT 1 (Total Project E&C Cost Shown.) | Previously Allocated | | \$4,004,423.00 |
| Thistle - Wichita 345KV Dbl CKT Priority Project: Thistle - Wichita Dbl 345kV CKT (Total Project E&C Cost Shown.) | Previously Allocated | | \$166,598,000.00 |
| Thistle - Woodward 345KV Dbl CKT Priority Project: Thistle - Woodward Dbl 345kV CKT (Total Project E&C Cost Shown) | Previously Allocated | | \$212,090,000.00 |
| Thistle 345/138KV Transformer CKT 1 Priority Project: Thistle 345/138kV Transformer CKT 1 (Total Project E&C Cost Shown.) | Previously Allocated | | \$8,627,726.00 |
| TUCO Interchange 345/230/13.2KV Autotransformer CKT 2 Balanced Portfolio: TUCO 345/230 kV Transformer CKT 2 (Total Project E&C Cost Shown) | Previously Allocated | | \$14,900,907.00 |
| Woodward XFMR 345/138/13.8kV CKT 2 Balanced Portfolio: Woodward 345/138kV Transformer CKT 2 & 50 MVAR Reactor (Total Project E&C Cost Shown). | Previously Allocated | | \$15,000,000.00 |
| | Current Study Total | \$0.00 | |

ASGI-2011-001

| | | | |
|---|----------------------|--------|------------------|
| ASGI-2011-001 Interconnection Costs See Online Diagram. | Current Study | \$0.00 | \$0.00 |
| Beaver County - Woodward 345kV CKT 1 Priority Project: Hitchland - Woodward Dbl 345kV CKT (Total Project E&C Cost Shown) | Previously Allocated | | \$226,040,727.00 |

* Withdrawal of higher queued projects will cause a restudy and may result in higher costs

| Interconnection Request and Upgrades | Upgrade Type | Allocated Cost | Upgrade Cost |
|--|----------------------------|-----------------------|---------------------|
| Border - Tuco Interchange 345KV CKT 1 Balanced Portfolio: Tuco - Woodward 345kV CKT 1 (Total Project E&C Cost Shown) | Previously Allocated | | \$249,932,114.00 |
| Border - Woodward 345KV CKT 1 Balanced Portfolio: Tuco - Woodward 345kV CKT 1 (Total Project E&C Cost Shown) | Previously Allocated | | \$249,932,114.00 |
| Hitchland - Beaver County 345kV CKT 1 Priority Project: Hitchland - Woodward Dbl 345kV CKT (Total Project E&C Cost Shown) | Previously Allocated | | \$226,040,727.00 |
| Hitchland - Woodward 345kV CKT 2 Priority Project: Hitchland - Woodward Dbl 345kV CKT (Total Project E&C Cost Shown) | Previously Allocated | | \$226,040,727.00 |
| Nichols - Harrington West 230kV CKT 1 Per GEN-2008-051 LOIS: Rebuild approximately 1 mile of 230kV @ 1825 amps | Previously Allocated | | \$869,251.00 |
| Thistle - Flat Ridge 138kV CKT 1 Priority Project: Thistle - Flat Ridge 138kV CKT 1 (Total Project E&C Cost Shown.) | Previously Allocated | | \$4,004,423.00 |
| Thistle - Wichita 345KV Dbl CKT Priority Project: Thistle - Wichita Dbl 345kV CKT (Total Project E&C Cost Shown.) | Previously Allocated | | \$166,598,000.00 |
| Thistle - Woodward 345KV Dbl CKT Priority Project: Thistle - Woodward Dbl 345kV CKT (Total Project E&C Cost Shown) | Previously Allocated | | \$212,090,000.00 |
| Thistle 345/138KV Transformer CKT 1 Priority Project: Thistle 345/138kV Transformer CKT 1 (Total Project E&C Cost Shown.) | Previously Allocated | | \$8,627,726.00 |
| TUCO Interchange 345/230/13.2KV Autotransformer CKT 2 Balanced Portfolio: TUCO 345/230 kV Transformer CKT 2 (Total Project E&C Cost Shown) | Previously Allocated | | \$14,900,907.00 |
| Woodward XFMR 345/138/13.8kV CKT 2 Balanced Portfolio: Woodward 345/138kV Transformer CKT 2 & 50 MVAR Reactor (Total Project E&C Cost Shown). | Previously Allocated | | \$15,000,000.00 |
| | Current Study Total | | \$0.00 |

GEN-2010-001

| | | | |
|---|----------------------|----------------|------------------|
| GEN-2010-001 Interconnection Costs See Online Diagram. | Current Study | \$3,566,677.00 | \$3,566,677.00 |
| Beaver County - Woodward 345kV CKT 1 Priority Project: Hitchland - Woodward Dbl 345kV CKT (Total Project E&C Cost Shown) | Previously Allocated | | \$226,040,727.00 |
| Border - Tuco Interchange 345KV CKT 1 Balanced Portfolio: Tuco - Woodward 345kV CKT 1 (Total Project E&C Cost Shown) | Previously Allocated | | \$249,932,114.00 |
| Border - Woodward 345KV CKT 1 Balanced Portfolio: Tuco - Woodward 345kV CKT 1 (Total Project E&C Cost Shown) | Previously Allocated | | \$249,932,114.00 |

* Withdrawal of higher queued projects will cause a restudy and may result in higher costs

| Interconnection Request and Upgrades | Upgrade Type | Allocated Cost | Upgrade Cost |
|--|----------------------------|-----------------------|---------------------|
| Hitchland - Woodward 345kV CKT 2 Priority Project: Hitchland - Woodward Dbl 345kV CKT (Total Project E&C Cost Shown) | Previously Allocated | | \$226,040,727.00 |
| Thistle - Flat Ridge 138kV CKT 1 Priority Project: Thistle - Flat Ridge 138kV CKT 1 (Total Project E&C Cost Shown.) | Previously Allocated | | \$4,004,423.00 |
| Thistle - Wichita 345KV Dbl CKT Priority Project: Thistle - Wichita Dbl 345kV CKT (Total Project E&C Cost Shown.) | Previously Allocated | | \$166,598,000.00 |
| Thistle - Woodward 345KV Dbl CKT Priority Project: Thistle - Woodward Dbl 345kV CKT (Total Project E&C Cost Shown) | Previously Allocated | | \$212,090,000.00 |
| Thistle 345/138KV Transformer CKT 1 Priority Project: Thistle 345/138kV Transformer CKT 1 (Total Project E&C Cost Shown.) | Previously Allocated | | \$8,627,726.00 |
| Woodward XFMR 345/138/13.8kV CKT 2 Balanced Portfolio: Woodward 345/138kV Transformer CKT 2 & 50 MVAR Reactor (Total Project E&C Cost Shown). | Previously Allocated | | \$15,000,000.00 |
| | Current Study Total | \$3,566,677.00 | |

GEN-2010-036

| | | | |
|--|----------------------------|---------------------|-----------------|
| GEN-2010-036 Interconnection Costs See Online Diagram. | Current Study | \$204,600.00 | \$204,600.00 |
| Iatan - Nashua 345KV CKT 1 Balanced Portfolio: Iatan - Nashua 345kV CKT 1 (Total Project E&C Cost Shown). | Previously Allocated | | \$60,800,000.00 |
| | Current Study Total | \$204,600.00 | |

GEN-2010-040

| | | | |
|--|----------------------|----------------|------------------|
| GEN-2010-040 Interconnection Costs See Online Diagram. | Current Study | \$8,046,756.00 | \$8,046,756.00 |
| Border - Tuco Interchange 345KV CKT 1 Balanced Portfolio: Tuco - Woodward 345kV CKT 1 (Total Project E&C Cost Shown) | Previously Allocated | | \$249,932,114.00 |
| Border - Woodward 345KV CKT 1 Balanced Portfolio: Tuco - Woodward 345kV CKT 1 (Total Project E&C Cost Shown) | Previously Allocated | | \$249,932,114.00 |
| Thistle - Woodward 345KV Dbl CKT Priority Project: Thistle - Woodward Dbl 345kV CKT (Total Project E&C Cost Shown) | Previously Allocated | | \$212,090,000.00 |
| TUCO Interchange 345/230/13.2KV Autotransformer CKT 2 Balanced Portfolio: TUCO 345/230 kV Transformer CKT 2 (Total Project E&C Cost Shown) | Previously Allocated | | \$14,900,907.00 |
| Woodward XFMR 345/138/13.8kV CKT 2 Balanced Portfolio: Woodward 345/138kV Transformer CKT 2 & 50 MVAR Reactor (Total Project E&C Cost Shown). | Previously Allocated | | \$15,000,000.00 |

* Withdrawal of higher queued projects will cause a restudy and may result in higher costs

| Interconnection Request and Upgrades | Upgrade Type | Allocated Cost | Upgrade Cost |
|---|----------------------------|----------------|------------------|
| | Current Study Total | \$8,046,756.00 | |
| GEN-2010-041 | | | |
| GEN-2010-041 Interconnection Costs See Online Diagram. | Current Study | \$0.00 | \$0.00 |
| | Current Study Total | \$0.00 | |
| GEN-2010-045 | | | |
| GEN-2010-045 Interconnection Costs See Online Diagram. | Current Study | \$5,000,000.00 | \$5,000,000.00 |
| Beaver County - Woodward 345kV CKT 1 Priority Project: Hitchland - Woodward Dbl 345kV CKT (Total Project E&C Cost Shown) | Previously Allocated | | \$226,040,727.00 |
| Border - Tuco Interchange 345KV CKT 1 Balanced Portfolio: Tuco - Woodward 345kV CKT 1 (Total Project E&C Cost Shown) | Previously Allocated | | \$249,932,114.00 |
| Border - Woodward 345KV CKT 1 Balanced Portfolio: Tuco - Woodward 345kV CKT 1 (Total Project E&C Cost Shown) | Previously Allocated | | \$249,932,114.00 |
| Clark - Thistle 345KV Dbl CKT Priority Project: Spearville - Clark - Thistle Dbl 345kV CKT (Total Project E&C Cost Shown.) | Previously Allocated | | \$300,194,436.00 |
| Hitchland - Beaver County 345kV CKT 1 Priority Project: Hitchland - Woodward Dbl 345kV CKT (Total Project E&C Cost Shown) | Previously Allocated | | \$226,040,727.00 |
| Hitchland - Woodward 345kV CKT 2 Priority Project: Hitchland - Woodward Dbl 345kV CKT (Total Project E&C Cost Shown) | Previously Allocated | | \$226,040,727.00 |
| Hitchland 345/230kV Autotransformer CKT 2 Priority Project: Hitchland 345/230kV Autotransformer CKT 2 (Total Project E&C Cost Shown). | Previously Allocated | | \$8,883,760.00 |
| Post Rock 345/230/13.8kV Autotransformer CKT 2 DISIS-2010-001 Restudy | Previously Allocated | | \$13,749,527.00 |
| Spearville -Clark 345KV Dbl CKT Priority Project: Spearville - Clark - Thistle Dbl 345kV CKT (Total Project E&C Cost Shown.) | Previously Allocated | | \$300,194,436.00 |
| Thistle - Wichita 345KV Dbl CKT Priority Project: Thistle - Wichita Dbl 345kV CKT (Total Project E&C Cost Shown.) | Previously Allocated | | \$166,598,000.00 |
| Thistle - Woodward 345KV Dbl CKT Priority Project: Thistle - Woodward Dbl 345kV CKT (Total Project E&C Cost Shown) | Previously Allocated | | \$212,090,000.00 |
| TUCO Interchange 345/230/13.2KV Autotransformer CKT 2 Balanced Portfolio: TUCO 345/230 kV Transformer CKT 2 (Total Project E&C Cost Shown) | Previously Allocated | | \$14,900,907.00 |

* Withdrawal of higher queued projects will cause a restudy and may result in higher costs

| Interconnection Request and Upgrades | Upgrade Type | Allocated Cost | Upgrade Cost |
|--|----------------------------|-----------------------|---------------------|
| Woodward XFMR 345/138/13.8kV CKT 2 Balanced Portfolio: Woodward 345/138kV Transformer CKT 2 & 50 MVAR Reactor (Total Project E&C Cost Shown). | Previously Allocated | | \$15,000,000.00 |
| | Current Study Total | \$5,000,000.00 | |
| GEN-2010-046 | | | |
| GEN-2010-046 Interconnection Costs See Oonline Diagram. | Current Study | \$0.00 | \$0.00 |
| Beaver County - Woodward 345kV CKT 1 Priority Project: Hitchland - Woodward Dbl 345kV CKT (Total Project E&C Cost Shown) | Previously Allocated | | \$226,040,727.00 |
| Hitchland - Woodward 345kV CKT 2 Priority Project: Hitchland - Woodward Dbl 345kV CKT (Total Project E&C Cost Shown) | Previously Allocated | | \$226,040,727.00 |
| Nichols - Harrington Mid 230kV CKT 1 Per GEN-2008-051 LOIS: Rebuild approximately 1 mile of 230kV @ 1825 amps | Previously Allocated | | \$869,251.00 |
| Nichols - Harrington West 230kV CKT 1 Per GEN-2008-051 LOIS: Rebuild approximately 1 mile of 230kV @ 1825 amps | Previously Allocated | | \$869,251.00 |
| Thistle - Flat Ridge 138kV CKT 1 Priority Project: Thistle - Flat Ridge 138kV CKT 1 (Total Project E&C Cost Shown.) | Previously Allocated | | \$4,004,423.00 |
| Thistle - Wichita 345KV Dbl CKT Priority Project: Thistle - Wichita Dbl 345kV CKT (Total Project E&C Cost Shown.) | Previously Allocated | | \$166,598,000.00 |
| Thistle - Woodward 345KV Dbl CKT Priority Project: Thistle - Woodward Dbl 345kV CKT (Total Project E&C Cost Shown) | Previously Allocated | | \$212,090,000.00 |
| Thistle 345/138KV Transformer CKT 1 Priority Project: Thistle 345/138kV Transformer CKT 1 (Total Project E&C Cost Shown.) | Previously Allocated | | \$8,627,726.00 |
| TUCO Interchange 345/230/13.2KV Autotransformer CKT 2 Balanced Portfolio: TUCO 345/230 kV Transformer CKT 2 (Total Project E&C Cost Shown) | Previously Allocated | | \$14,900,907.00 |
| Woodward XFMR 345/138/13.8kV CKT 2 Balanced Portfolio: Woodward 345/138kV Transformer CKT 2 & 50 MVAR Reactor (Total Project E&C Cost Shown). | Previously Allocated | | \$15,000,000.00 |
| | Current Study Total | \$0.00 | |

GEN-2010-048

| | | | |
|---|----------------------|----------------|------------------|
| GEN-2010-048 Interconnection Costs See Oonline Diagram. | Current Study | \$2,144,524.00 | \$2,144,524.00 |
| Beaver County - Woodward 345kV CKT 1 Priority Project: Hitchland - Woodward Dbl 345kV CKT (Total Project E&C Cost Shown) | Previously Allocated | | \$226,040,727.00 |

* Withdrawal of higher queued projects will cause a restudy and may result in higher costs

| Interconnection Request and Upgrades | Upgrade Type | Allocated Cost | Upgrade Cost |
|--|----------------------------|------------------------|---------------------|
| Clark - Thistle 345KV Dbl CKT Priority Project: Spearville - Clark - Thistle Dbl 345kV CKT (Total Project E&C Cost Shown.) | Previously Allocated | | \$300,194,436.00 |
| Hitchland - Beaver County 345kV CKT 1 Priority Project: Hitchland - Woodward Dbl 345kV CKT (Total Project E&C Cost Shown) | Previously Allocated | | \$226,040,727.00 |
| Hitchland - Woodward 345kV CKT 2 Priority Project: Hitchland - Woodward Dbl 345kV CKT (Total Project E&C Cost Shown) | Previously Allocated | | \$226,040,727.00 |
| Hitchland 345/230kV Autotransformer CKT 2 Priority Project: Hitchland 345/230kV Autotransformer CKT 2 (Total Project E&C Cost Shown). | Previously Allocated | | \$8,883,760.00 |
| Post Rock 345/230/13.8kV Autotransformer CKT 2 DISIS-2010-001 Restudy | Previously Allocated | | \$13,749,527.00 |
| Spearville -Clark 345KV Dbl CKT Priority Project: Spearville - Clark - Thistle Dbl 345kV CKT (Total Project E&C Cost Shown.) | Previously Allocated | | \$300,194,436.00 |
| Thistle - Wichita 345KV Dbl CKT Priority Project: Thistle - Wichita Dbl 345kV CKT (Total Project E&C Cost Shown.) | Previously Allocated | | \$166,598,000.00 |
| | Current Study Total | \$2,144,524.00 | |
| GEN-2010-051 | | | |
| GEN-2010-051 Interconnection Costs See Online Diagram. | Current Study | \$6,700,000.00 | \$6,700,000.00 |
| Twin Church - Dixon County 230kV Increase conductor clearances to accommodate 320MVA facility rating | Current Study | \$100,000.00 | \$100,000.00 |
| | Current Study Total | \$6,800,000.00 | |
| TOTAL CURRENT STUDY COSTS: | | \$25,762,557.00 | |

* Withdrawal of higher queued projects will cause a restudy and may result in higher costs

F: Cost Allocation per Proposed Study Network Upgrade

Important Note:

****WITHDRAWAL OF HIGHER QUEUED PROJECTS WILL CAUSE A RESTUDY
AND MAY RESULT IN HIGHER INTERCONNECTION COSTS****

This section shows each Direct Assigned Facility and Network Upgrade and the Generation Interconnection Request Customer(s) which have an impact in this study assuming all higher queued projects remain in the queue and achieve commercial operation.

The required interconnection costs listed do not include all costs associated with the deliverability of the energy to final customers. These costs are determined by separate studies if the Customer submits a Transmission Service Request through SPP's Open Access Same Time Information System (OASIS) as required by Attachment Z1 of the SPP OATT. In addition, costs associated with a short circuit analysis will be allocated should the Interconnection Request Customer choose to execute a Facility Study Agreement.

There may be additional costs allocated to each Customer. See Appendix E for more details.

Appendix F. Cost Allocation by Upgrade

| | | |
|---|------------------------------|-----------------------|
| ASGI-2010-020 Interconnection Costs | | \$0.00 |
| See Online Diagram. | | |
| | ASGI-2010-020 | \$0.00 |
| | Total Allocated Costs | \$0.00 |
| ASGI-2010-021 Interconnection Costs | | \$0.00 |
| See Online Diagram. | | |
| | ASGI-2010-021 | \$0.00 |
| | Total Allocated Costs | \$0.00 |
| ASGI-2011-001 Interconnection Costs | | \$0.00 |
| See Online Diagram. | | |
| | ASGI-2011-001 | \$0.00 |
| | Total Allocated Costs | \$0.00 |
| Twin Church - Dixon County 230kV | | \$100,000.00 |
| Increase conductor clearances to accommodate 320MVA facility rating | | |
| | GEN-2010-051 | \$100,000.00 |
| | Total Allocated Costs | \$100,000.00 |
| GEN-2010-001 Interconnection Costs | | \$3,566,677.00 |
| See Online Diagram. | | |
| | GEN-2010-001 | \$3,566,677.00 |
| | Total Allocated Costs | \$3,566,677.00 |
| GEN-2010-036 Interconnection Costs | | \$204,600.00 |
| See Online Diagram. | | |
| | GEN-2010-036 | \$204,600.00 |
| | Total Allocated Costs | \$204,600.00 |
| GEN-2010-040 Interconnection Costs | | \$8,046,756.00 |
| See Online Diagram. | | |
| | GEN-2010-040 | \$8,046,756.00 |
| | Total Allocated Costs | \$8,046,756.00 |
| GEN-2010-041 Interconnection Costs | | \$0.00 |
| See Online Diagram. | | |
| | GEN-2010-041 | \$0.00 |

* Withdrawal of higher queued projects will cause a restudy and may result in higher costs

| | | |
|---|------------------------------|-----------------------|
| | Total Allocated Costs | \$0.00 |
| GEN-2010-045 Interconnection Costs | | \$5,000,000.00 |
| See Oonline Diagram. | | |
| | GEN-2010-045 | \$5,000,000.00 |
| | Total Allocated Costs | \$5,000,000.00 |
| GEN-2010-046 Interconnection Costs | | \$0.00 |
| See Oonline Diagram. | | |
| | GEN-2010-046 | \$0.00 |
| | Total Allocated Costs | \$0.00 |
| GEN-2010-048 Interconnection Costs | | \$2,144,524.00 |
| See Oonline Diagram. | | |
| | GEN-2010-048 | \$2,144,524.00 |
| | Total Allocated Costs | \$2,144,524.00 |
| GEN-2010-051 Interconnection Costs | | \$6,700,000.00 |
| See Oonline Diagram. | | |
| | GEN-2010-051 | \$6,700,000.00 |
| | Total Allocated Costs | \$6,700,000.00 |

* Withdrawal of higher queued projects will cause a restudy and may result in higher costs

G: Power Flow Analysis (Constraints For Mitigation)

See next page.

| EVENTTYPE | SOLUTIONTYPE | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADII | CONTNAME |
|-----------|--------------|-----------|----------|--------|---------|------------|--|-------|-----|------------|--|
| | FDNS | 00G10_051 | | 0 23SP | G10_051 | 'FROM->TO' | 'G10-51T 230.00 - TWIN CHURCH 230KV C | 192 | | 1 104.5287 | 'G10-51T 230.00 - HOSKINS 230KV CKT 1' |
| | FDNS | 00G10_051 | | 0 23SP | G10_051 | 'FROM->TO' | 'G10-51T 230.00 - HOSKINS 230KV CKT 1' | 192 | | 1 104.2096 | 'G10-51T 230.00 - TWIN CHURCH 230KV CKT 1' |

H: Power Flow Analysis (Other Constraints Not Requiring Mitigation)

See Next page

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME |
|-----------|-------------|-----------|----------|--------|--------|-----------|---|-------|---------|----------|--|
| | FDNS | 00G10_001 | | 0 | 13SP | G10_001 | 'TO->FROM' CLEARWATER - MILAN TAP 138KV CKT 1' | 110 | 0.04319 | 103.5191 | 'DBL-WICH-THI' |
| | FDNS | 00G10_001 | | 0 | 13SP | G10_001 | 'FROM->TO' HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.04319 | 128.0326 | 'DBL-WICH-THI' |
| | FDNS | 00G10_001 | | 0 | 13WP | G10_001 | 'TO->FROM' CLEARWATER - MILAN TAP 138KV CKT 1' | 110 | 0.04425 | 103.7998 | 'DBL-WICH-THI' |
| | FDNS | 00G10_001 | | 0 | 13WP | G10_001 | 'FROM->TO' HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.04425 | 128.045 | 'DBL-WICH-THI' |
| | FDNS | 00G10_001 | | 0 | 18WP | G10_001 | 'TO->FROM' CLEARWATER - MILAN TAP 138KV CKT 1' | 110 | 0.04336 | 101.0793 | 'DBL-WICH-THI' |
| | FDNS | 00G10_001 | | 0 | 18WP | G10_001 | 'FROM->TO' HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.04336 | 125.2745 | 'DBL-WICH-THI' |
| ISLAND-GE | FDNS | 00G10_036 | | 0 | 13SP | G10_036 | 'FROM->TO' LAWRENCE HILL - SWISSVALE 230KV CKT 1' | 363 | 0.29689 | 108.2 | 'JEFFREY ENERGY CENTER 345/26.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00G10_036 | | 0 | 13WP | G10_036 | 'FROM->TO' LAWRENCE HILL - SWISSVALE 230KV CKT 1' | 363 | 0.297 | 121.7 | 'JEFFREY ENERGY CENTER 345/26.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00G10_036 | | 0 | 13WP | G10_036 | 'FROM->TO' LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1' | 308 | 0.2227 | 103.2 | 'JEFFREY ENERGY CENTER 345/26.0KV TRANSFORMER CKT 1' |
| | FDNS | 00G10_041 | | 0 | 13SP | G10_041 | 'FROM->TO' HUMBOLDT (S975 T4) 161/69/13.8KV TRANSFORMER CKT 1' | 67.2 | 0.04671 | 95.2 | 'SUB 1263 BROCK (S1263 T1) 161/69/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 00G10_041 | | 0 | 13SP | G10_041 | 'FROM->TO' HUMBOLDT (S975 T4) 161/69/13.8KV TRANSFORMER CKT 1' | 67.2 | 0.03714 | 96.5 | 'S1263T1 AUTO' |
| | FDNS | 00G10_041 | | 0 | 18SP | G10_041 | 'FROM->TO' HUMBOLDT (S975 T4) 161/69/13.8KV TRANSFORMER CKT 1' | 67.2 | 0.04667 | 95.9 | 'SUB 1263 BROCK (S1263 T1) 161/69/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 00G10_041 | | 0 | 18SP | G10_041 | 'FROM->TO' HUMBOLDT (S975 T4) 161/69/13.8KV TRANSFORMER CKT 1' | 67.2 | 0.03715 | 97.8 | 'S1263T1 AUTO' |
| | FDNS | 00G10_041 | | 0 | 18WP | G10_041 | 'FROM->TO' HUMBOLDT (S975 T4) 161/69/13.8KV TRANSFORMER CKT 1' | 67.2 | 0.04668 | 96.5 | 'SUB 1263 BROCK (S1263 T1) 161/69/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 00G10_041 | | 0 | 18WP | G10_041 | 'FROM->TO' HUMBOLDT (S975 T4) 161/69/13.8KV TRANSFORMER CKT 1' | 67.2 | 0.03712 | 97.8 | 'S1263T1 AUTO' |
| | FDNS | 00G10_041 | | 0 | 18WP | G10_041 | 'FROM->TO' HUMBOLDT (S975 T4) 161/69/13.8KV TRANSFORMER CKT 1' | 67.2 | 0.03712 | 95.7 | 'S1263T1 AUTO' |
| | FDNS | 00G10_045 | | 0 | 13SP | G10_045 | 'TO->FROM' CLEARWATER - MILAN TAP 138KV CKT 1' | 110 | 0.04771 | 102.4238 | 'DBL-WICH-THI' |
| | FDNS | 00G10_045 | | 0 | 13SP | G10_045 | 'FROM->TO' HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.04771 | 126.7228 | 'DBL-WICH-THI' |
| | FDNS | 00G10_045 | | 0 | 13WP | G10_045 | 'TO->FROM' CLEARWATER - MILAN TAP 138KV CKT 1' | 110 | 0.04887 | 102.8361 | 'DBL-WICH-THI' |
| | FDNS | 00G10_045 | | 0 | 13WP | G10_045 | 'FROM->TO' HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.04887 | 126.8276 | 'DBL-WICH-THI' |
| NCONV | FNSL-Iterat | 00G10_045 | | 0 | 13WP | G10_045 | Non-Converged Contingency | 0 | 0.03943 | 9999 | 'TRF-STEGALL' |
| | FDNS | 00G10_045 | | 0 | 18WP | G10_045 | 'TO->FROM' CLEARWATER - MILAN TAP 138KV CKT 1' | 110 | 0.04788 | 99.9 | 'DBL-WICH-THI' |
| | FDNS | 00G10_045 | | 0 | 18WP | G10_045 | 'FROM->TO' HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.04788 | 123.8342 | 'DBL-WICH-THI' |
| | FDNS | 00G10_046 | | 0 | 18SP | G10_046 | 'FROM->TO' Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2' | 351 | 0.0444 | 96.2 | 'JONES STATION - LUBBOCK SOUTH INTERCHANGE 230KV CKT 1' |
| NCONV | FNSL-Iterat | 00G10_048 | | 0 | 13WP | G10_048 | Non-Converged Contingency | 0 | 0.04563 | 9999 | 'TRF-STEGALL' |
| NCONV | FNSL-Iterat | 00G10_048 | | 0 | 13WP | G10_048 | Non-Converged Contingency | 0 | 0.03042 | 9999 | 'NEB01WAPAB3' |
| NCONV | FNSL-Iterat | 00G10_051 | | 0 | 13SP | G10_051 | Non-Converged Contingency | 0 | 0.04123 | 9999 | 'ATC_B2_W-8_G' |
| | FDNS | 00G10_051 | | 0 | 13WP | G10_051 | 'FROM->TO' G10-51T 230.00 - TWIN CHURCH 230KV CKT 1' | 225 | 1 | 95 | 'G10-51T 230.00 - HOSKINS 230KV CKT 1' |
| | FDNS | 00G10_051 | | 0 | 18SP | G10_051 | 'FROM->TO' G10-51T 230.00 - TWIN CHURCH 230KV CKT 1' | 225 | 1 | 95.6 | 'G10-51T 230.00 - HOSKINS 230KV CKT 1' |
| | FDNS | 00G10_051 | | 0 | 18SP | G10_051 | 'FROM->TO' HOSKINS (HOSKINS T1) 230/115/13.8KV TRANSFORMER CKT 1' | 187 | 0.09948 | 97.4 | 'HOSKINS (HOSKN T4) 345/115/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 00G10_051 | | 0 | 18SP | G10_051 | 'FROM->TO' HOSKINS (HOSKINS T1) 230/115/13.8KV TRANSFORMER CKT 1' | 187 | 0.09948 | 95.6 | 'HOSKINS (HOSKN T4) 345/115/13.8KV TRANSFORMER CKT 1' |
| NCONV | FNSL-Iterat | 00G10_051 | | 0 | 18WP | G10_051 | Non-Converged Contingency | 0 | 0.04114 | 9999 | 'ATC_B2_W-8_G' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18WP | G10_045 | 'FROM->TO' JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25589 | 189.3 | 'BUCKNER7 345.00 - G10-45 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18WP | G10_045 | 'FROM->TO' JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25589 | 100.6 | 'FLAT RIDGE WIND - FLATRDG3 138KV CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18WP | G10_045 | 'FROM->TO' JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25589 | 100.1 | 'MRWYP16 - MRWYP26 230KV CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18WP | G10_045 | 'FROM->TO' JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25589 | 125.7 | 'ELM CREEK - MRWYP16 230KV CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18WP | G10_045 | 'FROM->TO' JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25589 | 288.9 | 'HOLCOMB 115/22.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18WP | G10_045 | 'FROM->TO' JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25589 | 100.6 | 'FLAT RIDGE WIND (FLATRDG3) 138/34.53963/13.8KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18WP | G10_045 | 'FROM->TO' JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25589 | 100.2 | 'MRWYP26 (MERDWYP2) 230/34.5/13.8KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18WP | G10_045 | 'FROM->TO' JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25589 | 105.7 | 'MRWYP16 (MERDWYP1) 230/34.5/13.8KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18WP | G10_045 | 'FROM->TO' JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25589 | 114.9 | 'MULLERGREEN 115/13.8KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18WP | G10_045 | 'FROM->TO' JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25589 | 189.3 | 'G10-45 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18WP | G10_048 | 'FROM->TO' JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25589 | 189.3 | 'BUCKNER7 345.00 - G10-45 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18WP | G10_048 | 'FROM->TO' JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25589 | 100.6 | 'FLAT RIDGE WIND - FLATRDG3 138KV CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18WP | G10_048 | 'FROM->TO' JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25589 | 100.1 | 'MRWYP16 - MRWYP26 230KV CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18WP | G10_048 | 'FROM->TO' JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25589 | 125.7 | 'ELM CREEK - MRWYP16 230KV CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18WP | G10_048 | 'FROM->TO' JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25589 | 288.9 | 'HOLCOMB 115/22.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18WP | G10_048 | 'FROM->TO' JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25589 | 100.6 | 'FLAT RIDGE WIND (FLATRDG3) 138/34.53963/13.8KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18WP | G10_048 | 'FROM->TO' JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25589 | 100.2 | 'MRWYP26 (MERDWYP2) 230/34.5/13.8KV TRANSFORMER CKT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME | |
|-----------|----------|-------|----------|--------|--------|-----------|----------------|--|------|----------|----------|---|
| ISLAND-GE | FDNS | 00NR | | 0 | 18WP | G10_048 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25589 | 105.7 | 'MRWYP16 (MERIDWY1) 230/34.5/13.8KV TRANSFOR |
| ISLAND-GE | FDNS | 00NR | | 0 | 18WP | G10_048 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25589 | 114.9 | 'MULLERGREEN 115/13.8KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18WP | G10_048 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25589 | 189.3 | 'G10-45 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 13SP | G10_045 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25447 | 189.6 | 'BUCKNER7 345.00 - G10-45 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 13SP | G10_045 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25447 | 100.8 | 'FLAT RIDGE WIND - FLATRDG3 138KV CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 13SP | G10_045 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25447 | 100.4 | 'MRWYP16 - MRWYP26 230KV CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 13SP | G10_045 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25447 | 126 | 'ELM CREEK - MRWYP16 230KV CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 13SP | G10_045 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25447 | 95 | 'GARDEN CITY 115/13.8KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 13SP | G10_045 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25447 | 288.9 | 'HOLCOMB 115/22.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 13SP | G10_045 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25447 | 100.1 | 'COMANCHE COUNTY (CENTPLN3) 115/34.5/13.8KV T |
| ISLAND-GE | FDNS | 00NR | | 0 | 13SP | G10_045 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25447 | 100.8 | 'FLAT RIDGE WIND (FLATRDG3) 138/34.53963/13.8KV |
| ISLAND-GE | FDNS | 00NR | | 0 | 13SP | G10_045 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25447 | 100.5 | 'MRWYP26 (MERDWYP2) 230/34.5/13.8KV TRANSFOR |
| ISLAND-GE | FDNS | 00NR | | 0 | 13SP | G10_045 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25447 | 106 | 'MRWYP16 (MERIDWY1) 230/34.5/13.8KV TRANSFOR |
| ISLAND-GE | FDNS | 00NR | | 0 | 13SP | G10_045 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25447 | 116 | 'MULLERGREEN 115/13.8KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 13SP | G10_045 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25447 | 189.6 | 'G10-45 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 13SP | G10_045 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25447 | 95 | 'G05-12 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 13SP | G10_048 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25447 | 189.6 | 'BUCKNER7 345.00 - G10-45 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 13SP | G10_048 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25447 | 100.8 | 'FLAT RIDGE WIND - FLATRDG3 138KV CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 13SP | G10_048 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25447 | 100.4 | 'MRWYP16 - MRWYP26 230KV CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 13SP | G10_048 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25447 | 126 | 'ELM CREEK - MRWYP16 230KV CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 13SP | G10_048 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25447 | 95 | 'GARDEN CITY 115/13.8KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 13SP | G10_048 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25447 | 288.9 | 'HOLCOMB 115/22.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 13SP | G10_048 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25447 | 100.1 | 'COMANCHE COUNTY (CENTPLN3) 115/34.5/13.8KV T |
| ISLAND-GE | FDNS | 00NR | | 0 | 13SP | G10_048 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25447 | 100.8 | 'FLAT RIDGE WIND (FLATRDG3) 138/34.53963/13.8KV |
| ISLAND-GE | FDNS | 00NR | | 0 | 13SP | G10_048 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25447 | 100.5 | 'MRWYP26 (MERDWYP2) 230/34.5/13.8KV TRANSFOR |
| ISLAND-GE | FDNS | 00NR | | 0 | 13SP | G10_048 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25447 | 106 | 'MRWYP16 (MERIDWY1) 230/34.5/13.8KV TRANSFOR |
| ISLAND-GE | FDNS | 00NR | | 0 | 13SP | G10_048 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25447 | 116 | 'MULLERGREEN 115/13.8KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 13SP | G10_048 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25447 | 189.6 | 'G10-45 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 13SP | G10_048 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.25447 | 95 | 'G05-12 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 13WP | G10_045 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.21983 | 176.7 | 'BUCKNER7 345.00 - G10-45 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 13WP | G10_045 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.21983 | 112.8 | 'ELM CREEK - MRWYP16 230KV CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 13WP | G10_045 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.21983 | 276.3 | 'HOLCOMB 115/22.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 13WP | G10_045 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.21983 | 176.7 | 'G10-45 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 13WP | G10_048 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.21983 | 112.8 | 'ELM CREEK - MRWYP16 230KV CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 13WP | G10_048 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.21983 | 276.3 | 'HOLCOMB 115/22.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 13WP | G10_048 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.21983 | 176.7 | 'G10-45 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18SP | G10_045 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.16978 | 187.7 | 'BUCKNER7 345.00 - G10-45 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18SP | G10_045 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.16978 | 103.1 | 'ELM CREEK - MRWYP16 230KV CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18SP | G10_045 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.16978 | 133.6 | 'GARDEN CITY 115/13.8KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18SP | G10_045 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.16978 | 286.3 | 'HOLCOMB 115/22.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18SP | G10_045 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.16978 | 117.8 | 'CLIFTON 115/13.8KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18SP | G10_045 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.16978 | 123.9 | 'MULLERGREEN 115/13.8KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18SP | G10_045 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.16978 | 187.7 | 'G10-45 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18SP | G10_048 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.16978 | 187.7 | 'BUCKNER7 345.00 - G10-45 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18SP | G10_048 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.16978 | 103.1 | 'ELM CREEK - MRWYP16 230KV CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18SP | G10_048 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.16978 | 133.6 | 'GARDEN CITY 115/13.8KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18SP | G10_048 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.16978 | 286.3 | 'HOLCOMB 115/22.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18SP | G10_048 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.16978 | 117.8 | 'CLIFTON 115/13.8KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18SP | G10_048 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.16978 | 123.9 | 'MULLERGREEN 115/13.8KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 00NR | | 0 | 18SP | G10_048 | 'FROM->T' | JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.16978 | 187.7 | 'G10-45 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | | 0 | 0 | 13SP | G10_036 | 'FROM->T' | LAWRENCE HILL - SWISSVALE 230KV CKT 1' | 363 | 0.29689 | 108.8 | 'JEFFREY ENERGY CENTER 345/26.0KV TRANSFORMER |
| ISLAND-GE | FDNS | | 0 | 0 | 13SP | G10_036 | 'FROM->T' | LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1' | 308 | 0.2223 | 95.1 | 'JEFFREY ENERGY CENTER 345/26.0KV TRANSFORMER |
| | FDNS | | 0 | 0 | 13SP | G10_045 | 'FROM->T' | HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.04778 | 102.1973 | 'DBL-WICH-THI' |
| | FDNS | | 0 | 0 | 13SP | G10_001 | 'FROM->T' | HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.0433 | 102.1973 | 'DBL-WICH-THI' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME | |
|-----------|----------|-------|----------|--------|--------|---------------|----------------|--|-----|----------|----------|--|
| | FDNS | | 0 | 0 | 18SP | G10_046 | 'FROM->TC' | Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2' | 351 | 0.0444 | 95.7 | 'JONES STATION - LUBBOCK SOUTH INTERCHANGE 230KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_020 | 'FROM->TC' | LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRA | 252 | 0.0327 | 115.3004 | 'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_021 | 'FROM->TC' | LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRA | 252 | 0.03267 | 115.3004 | 'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2011_001 | 'FROM->TC' | LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRA | 252 | 0.03272 | 115.3004 | 'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_020 | 'FROM->TC' | LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRA | 252 | 0.0327 | 123.8497 | 'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_021 | 'FROM->TC' | LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRA | 252 | 0.03267 | 123.8497 | 'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2011_001 | 'FROM->TC' | LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRA | 252 | 0.03272 | 123.8497 | 'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_020 | 'FROM->TC' | MADDOX STATION - SANGER SWITCHING STATION 115KV CKT 1' | 141 | 0.05003 | 100.2159 | 'HOBBS INTERCHANGE - MILLEN SUB 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_021 | 'FROM->TC' | MADDOX STATION - SANGER SWITCHING STATION 115KV CKT 1' | 141 | 0.05706 | 100.2159 | 'HOBBS INTERCHANGE - MILLEN SUB 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2011_001 | 'FROM->TC' | MADDOX STATION - SANGER SWITCHING STATION 115KV CKT 1' | 141 | 0.04253 | 100.2159 | 'HOBBS INTERCHANGE - MILLEN SUB 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_020 | 'TO->FROM' | OXY PERMIAN SUB - SANGER SWITCHING STATION 115KV CKT 1' | 141 | 0.05003 | 100.2192 | 'HOBBS INTERCHANGE - MILLEN SUB 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_021 | 'TO->FROM' | OXY PERMIAN SUB - SANGER SWITCHING STATION 115KV CKT 1' | 141 | 0.05706 | 100.2192 | 'HOBBS INTERCHANGE - MILLEN SUB 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2011_001 | 'TO->FROM' | OXY PERMIAN SUB - SANGER SWITCHING STATION 115KV CKT 1' | 141 | 0.04253 | 100.2192 | 'HOBBS INTERCHANGE - MILLEN SUB 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_020 | 'FROM->TC' | MADDOX STATION - MONUMENT SUB 115KV CKT 1' | 141 | 0.03687 | 98.4 | 'MADDOX STATION - SANGER SWITCHING STATION 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_021 | 'FROM->TC' | MADDOX STATION - MONUMENT SUB 115KV CKT 1' | 141 | 0.04213 | 98.4 | 'MADDOX STATION - SANGER SWITCHING STATION 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2011_001 | 'FROM->TC' | MADDOX STATION - MONUMENT SUB 115KV CKT 1' | 141 | 0.03125 | 98.4 | 'MADDOX STATION - SANGER SWITCHING STATION 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_020 | 'FROM->TC' | MONUMENT SUB - WEST HOBBS SWITCHING STATION 115KV CKT 1' | 141 | 0.03687 | 95.9 | 'MADDOX STATION - SANGER SWITCHING STATION 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_021 | 'FROM->TC' | MONUMENT SUB - WEST HOBBS SWITCHING STATION 115KV CKT 1' | 141 | 0.04213 | 95.9 | 'MADDOX STATION - SANGER SWITCHING STATION 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2011_001 | 'FROM->TC' | MONUMENT SUB - WEST HOBBS SWITCHING STATION 115KV CKT 1' | 141 | 0.03125 | 95.9 | 'MADDOX STATION - SANGER SWITCHING STATION 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_020 | 'FROM->TC' | MADDOX STATION - SANGER SWITCHING STATION 115KV CKT 1' | 141 | 0.04445 | 104.2497 | 'MADDOX STATION - MONUMENT SUB 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_021 | 'FROM->TC' | MADDOX STATION - SANGER SWITCHING STATION 115KV CKT 1' | 141 | 0.05185 | 104.2497 | 'MADDOX STATION - MONUMENT SUB 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2011_001 | 'FROM->TC' | MADDOX STATION - SANGER SWITCHING STATION 115KV CKT 1' | 141 | 0.03654 | 104.2497 | 'MADDOX STATION - MONUMENT SUB 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_020 | 'TO->FROM' | OXY PERMIAN SUB - SANGER SWITCHING STATION 115KV CKT 1' | 141 | 0.04445 | 104.2531 | 'MADDOX STATION - MONUMENT SUB 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_021 | 'TO->FROM' | OXY PERMIAN SUB - SANGER SWITCHING STATION 115KV CKT 1' | 141 | 0.05185 | 104.2531 | 'MADDOX STATION - MONUMENT SUB 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2011_001 | 'TO->FROM' | OXY PERMIAN SUB - SANGER SWITCHING STATION 115KV CKT 1' | 141 | 0.03654 | 104.2531 | 'MADDOX STATION - MONUMENT SUB 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_020 | 'FROM->TC' | MADDOX STATION - MONUMENT SUB 115KV CKT 1' | 141 | 0.03687 | 98.4 | 'OXY PERMIAN SUB - SANGER SWITCHING STATION 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_021 | 'FROM->TC' | MADDOX STATION - MONUMENT SUB 115KV CKT 1' | 141 | 0.04213 | 98.4 | 'OXY PERMIAN SUB - SANGER SWITCHING STATION 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2011_001 | 'FROM->TC' | MADDOX STATION - MONUMENT SUB 115KV CKT 1' | 141 | 0.03125 | 98.4 | 'OXY PERMIAN SUB - SANGER SWITCHING STATION 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_020 | 'FROM->TC' | MONUMENT SUB - WEST HOBBS SWITCHING STATION 115KV CKT 1' | 141 | 0.03687 | 95.9 | 'OXY PERMIAN SUB - SANGER SWITCHING STATION 115KV CKT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME | |
|-----------|----------|-------|----------|--------|--------|---------------|----------------|--|-----|----------|----------|--|
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_021 | 'FROM->TO' | 'MONUMENT SUB - WEST HOBBS SWITCHING STATION 115KV CKT 1' | 141 | 0.04213 | 95.9 | 'OXY PERMIAN SUB - SANGER SWITCHING STATION 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2011_001 | 'FROM->TO' | 'MONUMENT SUB - WEST HOBBS SWITCHING STATION 115KV CKT 1' | 141 | 0.03125 | 95.9 | 'OXY PERMIAN SUB - SANGER SWITCHING STATION 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_020 | 'FROM->TO' | 'MADDOX STATION - SANGER SWITCHING STATION 115KV CKT 1' | 141 | 0.04445 | 103.1972 | 'MONUMENT SUB - WEST HOBBS SWITCHING STATION 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_021 | 'FROM->TO' | 'MADDOX STATION - SANGER SWITCHING STATION 115KV CKT 1' | 141 | 0.05185 | 103.1972 | 'MONUMENT SUB - WEST HOBBS SWITCHING STATION 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2011_001 | 'FROM->TO' | 'MADDOX STATION - SANGER SWITCHING STATION 115KV CKT 1' | 141 | 0.03654 | 103.1972 | 'MONUMENT SUB - WEST HOBBS SWITCHING STATION 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_020 | 'TO->FROM' | 'OXY PERMIAN SUB - SANGER SWITCHING STATION 115KV CKT 1' | 141 | 0.04445 | 103.2009 | 'MONUMENT SUB - WEST HOBBS SWITCHING STATION 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_021 | 'TO->FROM' | 'OXY PERMIAN SUB - SANGER SWITCHING STATION 115KV CKT 1' | 141 | 0.05185 | 103.2009 | 'MONUMENT SUB - WEST HOBBS SWITCHING STATION 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2011_001 | 'TO->FROM' | 'OXY PERMIAN SUB - SANGER SWITCHING STATION 115KV CKT 1' | 141 | 0.03654 | 103.2009 | 'MONUMENT SUB - WEST HOBBS SWITCHING STATION 115KV CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_020 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRA | 252 | 0.03388 | 102.9986 | 'LUBBOCK EAST INTERCHANGE (ENRCO 136162) 230/115/13.2KV TRANSFORMER CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_021 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRA | 252 | 0.03385 | 102.9986 | 'LUBBOCK EAST INTERCHANGE (ENRCO 136162) 230/115/13.2KV TRANSFORMER CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2011_001 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRA | 252 | 0.03391 | 102.9986 | 'LUBBOCK EAST INTERCHANGE (ENRCO 136162) 230/115/13.2KV TRANSFORMER CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_020 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRA | 252 | 0.03388 | 109.1998 | 'LUBBOCK EAST INTERCHANGE (ENRCO 136162) 230/115/13.2KV TRANSFORMER CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_021 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRA | 252 | 0.03385 | 109.1998 | 'LUBBOCK EAST INTERCHANGE (ENRCO 136162) 230/115/13.2KV TRANSFORMER CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2011_001 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRA | 252 | 0.03391 | 109.1998 | 'LUBBOCK EAST INTERCHANGE (ENRCO 136162) 230/115/13.2KV TRANSFORMER CKT 1' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_020 | 'FROM->TO' | 'MADDOX STATION - SANGER SWITCHING STATION 115KV CKT 1' | 141 | 0.04445 | 103.4795 | 'SPP-SWPS-T42' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_021 | 'FROM->TO' | 'MADDOX STATION - SANGER SWITCHING STATION 115KV CKT 1' | 141 | 0.05185 | 103.4795 | 'SPP-SWPS-T42' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2011_001 | 'FROM->TO' | 'MADDOX STATION - SANGER SWITCHING STATION 115KV CKT 1' | 141 | 0.03654 | 103.4795 | 'SPP-SWPS-T42' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_020 | 'TO->FROM' | 'OXY PERMIAN SUB - SANGER SWITCHING STATION 115KV CKT 1' | 141 | 0.04445 | 103.4828 | 'SPP-SWPS-T42' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2010_021 | 'TO->FROM' | 'OXY PERMIAN SUB - SANGER SWITCHING STATION 115KV CKT 1' | 141 | 0.05185 | 103.4828 | 'SPP-SWPS-T42' |
| | FDNS | | 0 | 0 | 18SP | ASGI_2011_001 | 'TO->FROM' | 'OXY PERMIAN SUB - SANGER SWITCHING STATION 115KV CKT 1' | 141 | 0.03654 | 103.4828 | 'SPP-SWPS-T42' |
| ISLAND-GE | FDNS | | 0 | 0 | 13WP | G10_036 | 'FROM->TO' | 'LAWRENCE HILL - SWISSVALE 230KV CKT 1' | 363 | 0.297 | 120.1 | 'JEFFREY ENERGY CENTER 345/26.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | | 0 | 0 | 13WP | G10_036 | 'FROM->TO' | 'LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1' | 308 | 0.2227 | 104.5 | 'JEFFREY ENERGY CENTER 345/26.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | | 0 | 0 | 13WP | G10_036 | 'FROM->TO' | 'LAWRENCE HILL - SWISSVALE 230KV CKT 1' | 363 | 0.297 | 120.1 | 'JEFFREY ENERGY CENTER 345/26.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | | 0 | 0 | 13WP | G10_036 | 'FROM->TO' | 'LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1' | 308 | 0.2227 | 104.5 | 'JEFFREY ENERGY CENTER 345/26.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | | 0 | 0 | 13WP | G10_036 | 'FROM->TO' | 'LAWRENCE HILL - SWISSVALE 230KV CKT 1' | 363 | 0.297 | 121.6 | 'JEFFREY ENERGY CENTER 230/26.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | | 0 | 0 | 13WP | G10_036 | 'FROM->TO' | 'LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1' | 308 | 0.2227 | 103.6 | 'JEFFREY ENERGY CENTER 230/26.0KV TRANSFORMER CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 117.6619 | 'BASE CASE' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 117.6619 | 'BASE CASE' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03016 | 98.3 | 'BASE CASE' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.05811 | 98.3 | 'BASE CASE' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05766 | 99.9 | 'LYDIA - VALLIANT 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03061 | 100 | 'DELAWARE - NORTHEAST STATION 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05825 | 100 | 'DELAWARE - NORTHEAST STATION 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05655 | 98.4 | 'CLINTON AIR FORCE BASE TAP - ELK CITY 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05655 | 98.6 | 'CLINTON AIR FORCE BASE TAP - HOBART JUNCTION 138KV CKT 1' |
| INVALID | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03115 | 114.7887 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME | |
|-----------|----------|-------|----------|--------|--------|---------------|----------------|--------------------------------------|-----|----------|----------|---|
| INVALID | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04134 | 114.7887 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |
| INVALID | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04133 | 114.7887 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |
| INVALID | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04135 | 114.7887 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |
| INVALID | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06157 | 114.7887 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |
| INVALID | FDNS | 01ALL | | 0 | 13G | G10_045 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03115 | 99.2366 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |
| INVALID | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.04134 | 99.2366 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |
| INVALID | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.04133 | 99.2366 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |
| INVALID | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.04135 | 99.2366 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |
| INVALID | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.06157 | 99.2366 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03115 | 105.4155 | 'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04134 | 105.4155 | 'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04133 | 105.4155 | 'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04135 | 105.4155 | 'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06157 | 105.4155 | 'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05637 | 98.5 | 'CLINTON JUNCTION - ELK CITY 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03164 | 113.2387 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03729 | 113.2387 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0373 | 113.2387 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03728 | 113.2387 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06236 | 113.2387 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03164 | 98.5 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03729 | 98.5 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.0373 | 98.5 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03728 | 98.5 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.06236 | 98.5 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03164 | 102.2812 | 'STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03729 | 102.2812 | 'STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0373 | 102.2812 | 'STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03728 | 102.2812 | 'STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06236 | 102.2812 | 'STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05481 | 98.8 | 'WAUKOMIS - WAUKOMIS TAP 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05481 | 98.3 | 'HENESSEY - WAUKOMIS 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05652 | 98.3 | 'KNOBHILL - SALINE 69KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05652 | 98.7 | 'HELENA TAP - SALINE 69KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05652 | 99.4 | 'GOLTYTP2 69.000 - IMO 69KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05481 | 97.6 | 'DOVER SW - HENESSEY 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03419 | 114.8876 | 'WOODWARD - WOODWARD 69KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06589 | 114.8876 | 'WOODWARD - WOODWARD 69KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03419 | 98 | 'WOODWARD - WOODWARD 69KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.06589 | 98 | 'WOODWARD - WOODWARD 69KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05218 | 96.7 | 'WOODWARD - WOODWARD EHV 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03631 | 119.3636 | 'DEWEY - IODINE 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03006 | 119.3636 | 'DEWEY - IODINE 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03006 | 119.3636 | 'DEWEY - IODINE 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03006 | 119.3636 | 'DEWEY - IODINE 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06978 | 119.3636 | 'DEWEY - IODINE 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03631 | 100.7458 | 'DEWEY - IODINE 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03006 | 100.7458 | 'DEWEY - IODINE 138KV CKT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME |
|-----------|----------|-------|----------|--------|--------|---------------|---|-------|---------|----------|---|
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03006 | 100.7458 | 'DEWEY - IODINE 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03006 | 100.7458 | 'DEWEY - IODINE 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.06978 | 100.7458 | 'DEWEY - IODINE 138KV CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 111.1 | 'DEWEY - TALOGA WIND 138KV CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 111.1 | 'DEWEY - TALOGA WIND 138KV CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_045 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03016 | 96.7 | 'DEWEY - TALOGA WIND 138KV CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.05811 | 96.7 | 'DEWEY - TALOGA WIND 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03075 | 116.9014 | 'DEWEY - TALOGA 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05947 | 116.9014 | 'DEWEY - TALOGA 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03075 | 99.9 | 'DEWEY - TALOGA 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.05947 | 99.9 | 'DEWEY - TALOGA 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03003 | 99.8 | 'ALVA - KNOBHILL 69KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05783 | 99.8 | 'ALVA - KNOBHILL 69KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03631 | 120.3962 | 'IODINE - WOODWARD EHV 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03006 | 120.3962 | 'IODINE - WOODWARD EHV 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03006 | 120.3962 | 'IODINE - WOODWARD EHV 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03006 | 120.3962 | 'IODINE - WOODWARD EHV 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06978 | 120.3962 | 'IODINE - WOODWARD EHV 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03631 | 101.3122 | 'IODINE - WOODWARD EHV 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03006 | 101.3122 | 'IODINE - WOODWARD EHV 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03006 | 101.3122 | 'IODINE - WOODWARD EHV 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03006 | 101.3122 | 'IODINE - WOODWARD EHV 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.06978 | 101.3122 | 'IODINE - WOODWARD EHV 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03073 | 100.2364 | 'CRESWELL - MIDLTNT4 138.00 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05833 | 100.2364 | 'CRESWELL - MIDLTNT4 138.00 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03066 | 106.1469 | 'CIMARRON - NORTHWEST 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05902 | 106.1469 | 'CIMARRON - NORTHWEST 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM'CLEO CORNER - GLASS MOUNTAIN 138KV CKT 1' | 153 | 0.03059 | 96.1 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04445 | 178.3527 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_048 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03168 | 178.3527 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04042 | 178.3527 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04042 | 178.3527 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04042 | 178.3527 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.08548 | 178.3527 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM'GLASS MOUNTAIN - MOORELAND 138KV CKT 1' | 124 | 0.03059 | 121.8819 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM'EL RENO - ROMAN NOSE 138KV CKT 1' | 153 | 0.03693 | 112.5825 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM'ROMAN NOSE - SOUTHWEST 138KV CKT 1' | 153 | 0.03693 | 117.3526 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.04445 | 135.2322 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_048 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03168 | 135.2322 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.04042 | 135.2322 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.04042 | 135.2322 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.04042 | 135.2322 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.08548 | 135.2322 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05652 | 99.2 | 'GOLTYTP2 69.000 - HELENA TAP 69KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0335 | 112.5973 | 'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0624 | 112.5973 | 'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.0335 | 97.7 | 'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.0624 | 97.7 | 'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05539 | 105.4354 | 'Hitchland Interchange - WOODWARD DISTRICT EHV 345KV CKT 2' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06571 | 117.5793 | 'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.06571 | 100.6109 | 'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME | |
|-----------|----------|-------|----------|--------|--------|---------------|----------------|--------------------------------------|-----|----------|----------|--|
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06571 | 117.5793 | 'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.06571 | 100.6109 | 'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 95.8 | 'CRSRDSW7 345.00 - TATONGA7 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 95.8 | 'CRSRDSW7 345.00 - TATONGA7 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 95.8 | 'G07-21 345.00 - TATONGA7 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 95.8 | 'G07-21 345.00 - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0335 | 112.8994 | 'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0624 | 112.8994 | 'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.0335 | 97.8 | 'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.0624 | 97.8 | 'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 133.5 | 'FPL SWITCH - OKLA WIND ENERGY CENTER 138KV CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 133.5 | 'FPL SWITCH - OKLA WIND ENERGY CENTER 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03003 | 100 | 'ALVA - CHEROKEE SW 69KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05785 | 100 | 'ALVA - CHEROKEE SW 69KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05782 | 100.2814 | 'BRANTLEY - MORWOOD 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03093 | 99.9 | 'FARGO JCT - FT SUPPLY 69KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05963 | 99.9 | 'FARGO JCT - FT SUPPLY 69KV CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 121.7 | 'FT SUPPLY - SLEEPING BEAR 138KV CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 121.7 | 'FT SUPPLY - SLEEPING BEAR 138KV CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_045 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03016 | 102.7 | 'FT SUPPLY - SLEEPING BEAR 138KV CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.05811 | 102.7 | 'FT SUPPLY - SLEEPING BEAR 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03052 | 116.0939 | 'FT SUPPLY - IODINE 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05873 | 116.0939 | 'FT SUPPLY - IODINE 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03052 | 100 | 'FT SUPPLY - IODINE 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.05873 | 100 | 'FT SUPPLY - IODINE 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03052 | 114.5085 | 'IODINE - MOORELAND 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05873 | 114.5085 | 'IODINE - MOORELAND 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03052 | 99.1 | 'IODINE - MOORELAND 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.05873 | 99.1 | 'IODINE - MOORELAND 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05782 | 100.2714 | 'MOREWOOD SW - MORWOOD 138KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05723 | 99.7 | 'OKEENE - WATONGA SW 69KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03133 | 104.8582 | 'CARTER JCT - WOODWARD 69KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06036 | 104.8582 | 'CARTER JCT - WOODWARD 69KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06364 | 105.8939 | 'FINNEY SWITCHING STATION - Hitchland Interchange 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.07324 | 105.3657 | 'BEAVER CO 345.00 - Hitchland Interchange 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03164 | 110.9098 | 'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03729 | 110.9098 | 'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0373 | 110.9098 | 'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03728 | 110.9098 | 'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME | |
|-----------|----------|-------|----------|--------|--------|---------------|----------------|-------------------------------------|-----|----------|----------|--|
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06236 | 110.9098 | 'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'FROM->TO' | FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03164 | 96.9 | 'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO' | FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03729 | 96.9 | 'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO' | FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.0373 | 96.9 | 'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO' | FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03728 | 96.9 | 'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO' | FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.06236 | 96.9 | 'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03096 | 110.0699 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03124 | 110.0699 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03125 | 110.0699 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03124 | 110.0699 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06038 | 110.0699 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'FROM->TO' | FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03096 | 96.4 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO' | FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03124 | 96.4 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO' | FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03125 | 96.4 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO' | FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03124 | 96.4 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO' | FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.06038 | 96.4 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06364 | 107.544 | 'FINNEY SWITCHING STATION - HOLCOMB 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03276 | 105.2301 | 'POST ROCK - SPEARVILLE 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05919 | 105.2301 | 'POST ROCK - SPEARVILLE 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03264 | 104.5413 | 'MINGO - SETAB 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05942 | 104.5413 | 'MINGO - SETAB 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03225 | 104.6798 | 'BENTON - WICHITA 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05973 | 104.6798 | 'BENTON - WICHITA 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03391 | 100 | 'VIOLA 7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05954 | 100 | 'VIOLA 7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03439 | 111.0014 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0622 | 111.0014 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'FROM->TO' | FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03439 | 97 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO' | FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.0622 | 97 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03439 | 111.0014 | 'THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0622 | 111.0014 | 'THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'FROM->TO' | FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03439 | 97 | 'THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO' | FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.0622 | 97 | 'THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03164 | 113.2313 | 'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03729 | 113.2313 | 'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0373 | 113.2313 | 'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03728 | 113.2313 | 'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME | |
|-----------|----------|-------|----------|--------|--------|---------------|----------------|-------------------------------------|-----|----------|----------|---|
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06236 | 113.2313 | 'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'FROM->TO' | FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03164 | 98.5 | 'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO' | FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03729 | 98.5 | 'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO' | FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.0373 | 98.5 | 'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO' | FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03728 | 98.5 | 'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO' | FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.06236 | 98.5 | 'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03025 | 104.9844 | 'WOODRING (WOODRNG2) 345/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05617 | 104.9844 | 'WOODRING (WOODRNG2) 345/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03419 | 127.7183 | 'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06589 | 127.7183 | 'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1' |
| SPP_FG-52 | FDNS | 01ALL | | 0 | 13G | G10_045 | 'FROM->TO' | FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03419 | 105.6247 | 'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1' |
| SPP_FG-52 | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO' | FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.06589 | 105.6247 | 'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 104.5 | 'SOONER 138/22.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 104.5 | 'SOONER 138/22.0KV TRANSFORMER CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05343 | 112.7423 | 'WOODWARD DISTRICT EHV (WWDEHV) 345/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO' | FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.05343 | 97.9 | 'WOODWARD DISTRICT EHV (WWDEHV) 345/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05344 | 111.8042 | 'WOODWARD DISTRICT EHV (WWDEHV-T2) 345/138/13.8KV TRANSFORMER CKT 2' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO' | FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.05344 | 97.5 | 'WOODWARD DISTRICT EHV (WWDEHV-T2) 345/138/13.8KV TRANSFORMER CKT 2' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 111.2 | 'TALOGA WIND (TLGAWND1) 138/34.5/9.96KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 111.2 | 'TALOGA WIND (TLGAWND1) 138/34.5/9.96KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_045 | 'FROM->TO' | FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03016 | 96.7 | 'TALOGA WIND (TLGAWND1) 138/34.5/9.96KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO' | FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.05811 | 96.7 | 'TALOGA WIND (TLGAWND1) 138/34.5/9.96KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 99.1 | 'CRSRDSW7 345.00 (CRSRDSWB1) 345/34.5/13.8KV TRANSFORMER CKT 2' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 99.1 | 'CRSRDSW7 345.00 (CRSRDSWB1) 345/34.5/13.8KV TRANSFORMER CKT 2' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 98.8 | 'CRSRDSW7 345.00 (CRSRDSWB1) 345/34.5/13.8KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 98.8 | 'CRSRDSW7 345.00 (CRSRDSWB1) 345/34.5/13.8KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 133.7 | 'OKLA WIND ENERGY CENTER (FPLWIND) 138/34.5/13.8KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 133.7 | 'OKLA WIND ENERGY CENTER (FPLWIND) 138/34.5/13.8KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 106.3 | 'MOORELAND 138/18.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 106.3 | 'MOORELAND 138/18.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_045 | 'FROM->TO' | FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03016 | 97.1 | 'MOORELAND 138/18.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO' | FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.05811 | 97.1 | 'MOORELAND 138/18.0KV TRANSFORMER CKT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME |
|-----------|----------|-------|----------|--------|--------|---------------|--|-------|---------|----------|---|
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03318 | 106.1617 | 'POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06199 | 106.1617 | 'POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 98.2 | 'TOLK STATION EAST 230/24.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 98.2 | 'TOLK STATION EAST 230/24.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 95.8 | 'G07-21 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 95.8 | 'G07-21 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 99.6 | 'SUB 3458 NEB CTY 345/18.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 99.6 | 'SUB 3458 NEB CTY 345/18.0KV TRANSFORMER CKT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04846 | 139.3862 | 'DBL-WICH-THI' |
| | FDNS | 01ALL | | 0 | 13G | G10_048 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03088 | 139.3862 | 'DBL-WICH-THI' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03694 | 139.3862 | 'DBL-WICH-THI' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03694 | 139.3862 | 'DBL-WICH-THI' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03693 | 139.3862 | 'DBL-WICH-THI' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.07583 | 139.3862 | 'DBL-WICH-THI' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM'ROMAN NOSE - SOUTHARD 138KV CKT 1' | 153 | 0.03048 | 95.1 | 'DBL-WICH-THI' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM'NORTHWEST - TATONGA7 345.00 345KV CKT 1' | 1195 | 0.17739 | 105.7258 | 'DBL-WICH-THI' |
| | FDNS | 01ALL | | 0 | 13G | G10_048 | 'TO->FROM'NORTHWEST - TATONGA7 345.00 345KV CKT 1' | 1195 | 0.11163 | 105.7258 | 'DBL-WICH-THI' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'NORTHWEST - TATONGA7 345.00 345KV CKT 1' | 1195 | 0.17123 | 105.7258 | 'DBL-WICH-THI' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'NORTHWEST - TATONGA7 345.00 345KV CKT 1' | 1195 | 0.17126 | 105.7258 | 'DBL-WICH-THI' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'NORTHWEST - TATONGA7 345.00 345KV CKT 1' | 1195 | 0.1712 | 105.7258 | 'DBL-WICH-THI' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM'NORTHWEST - TATONGA7 345.00 345KV CKT 1' | 1195 | 0.27879 | 105.7258 | 'DBL-WICH-THI' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.04846 | 113.9928 | 'DBL-WICH-THI' |
| | FDNS | 01ALL | | 0 | 13G | G10_048 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03088 | 113.9928 | 'DBL-WICH-THI' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03694 | 113.9928 | 'DBL-WICH-THI' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03694 | 113.9928 | 'DBL-WICH-THI' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03693 | 113.9928 | 'DBL-WICH-THI' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.07583 | 113.9928 | 'DBL-WICH-THI' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM'CLEARWATER - MILAN TAP 138KV CKT 1' | 110 | 0.0391 | 127.6137 | 'DBL-WICH-THI' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM'CLEARWATER - MILAN TAP 138KV CKT 1' | 110 | 0.03621 | 127.6137 | 'DBL-WICH-THI' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'FROM->TO'FLATRDG3 - HARPER 138KV CKT 1' | 95.6 | 0.0391 | 174.6777 | 'DBL-WICH-THI' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO'FLATRDG3 - HARPER 138KV CKT 1' | 95.6 | 0.03621 | 174.6777 | 'DBL-WICH-THI' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'FROM->TO'HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.0391 | 153.4929 | 'DBL-WICH-THI' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO'HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.03621 | 153.4929 | 'DBL-WICH-THI' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04529 | 158.2566 | 'DBL-THIS-WWR' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04529 | 158.2566 | 'DBL-THIS-WWR' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04529 | 158.2566 | 'DBL-THIS-WWR' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.08787 | 158.2566 | 'DBL-THIS-WWR' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM'GLASS MOUNTAIN - MOORELAND 138KV CKT 1' | 124 | 0.03296 | 115.8656 | 'DBL-THIS-WWR' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM'EL RENO - ROMAN NOSE 138KV CKT 1' | 153 | 0.03489 | 96.5 | 'DBL-THIS-WWR' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM'ROMAN NOSE - SOUTHARD 138KV CKT 1' | 153 | 0.03489 | 101.2876 | 'DBL-THIS-WWR' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM'NORTHWEST - TATONGA7 345.00 345KV CKT 1' | 1195 | 0.0707 | 114.0599 | 'DBL-THIS-WWR' |
| | FDNS | 01ALL | | 0 | 13G | G10_048 | 'TO->FROM'NORTHWEST - TATONGA7 345.00 345KV CKT 1' | 1195 | 0.03267 | 114.0599 | 'DBL-THIS-WWR' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'NORTHWEST - TATONGA7 345.00 345KV CKT 1' | 1195 | 0.19979 | 114.0599 | 'DBL-THIS-WWR' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'NORTHWEST - TATONGA7 345.00 345KV CKT 1' | 1195 | 0.19981 | 114.0599 | 'DBL-THIS-WWR' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'NORTHWEST - TATONGA7 345.00 345KV CKT 1' | 1195 | 0.19977 | 114.0599 | 'DBL-THIS-WWR' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM'NORTHWEST - TATONGA7 345.00 345KV CKT 1' | 1195 | 0.31995 | 114.0599 | 'DBL-THIS-WWR' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.04529 | 124.6581 | 'DBL-THIS-WWR' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.04529 | 124.6581 | 'DBL-THIS-WWR' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.04529 | 124.6581 | 'DBL-THIS-WWR' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.08787 | 124.6581 | 'DBL-THIS-WWR' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME | |
|-----------|----------|-------|----------|--------|--------|---------------|----------------|--------------------------------------|-----|----------|----------|---------------------------------|
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05765 | 99.8 | 'SPP-AEPW-01' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03115 | 107.4486 | 'SPP-AEPW-32' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04134 | 107.4486 | 'SPP-AEPW-32' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04133 | 107.4486 | 'SPP-AEPW-32' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04135 | 107.4486 | 'SPP-AEPW-32' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06157 | 107.4486 | 'SPP-AEPW-32' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0544 | 98.2 | 'OGE3TERM1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 102.2813 | 'NC1_GEN-NEBRASKA CITY 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 102.2813 | 'NC1_GEN-NEBRASKA CITY 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03124 | 105.8208 | 'SPP-SWPS-01' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04062 | 105.8208 | 'SPP-SWPS-01' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04062 | 105.8208 | 'SPP-SWPS-01' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04063 | 105.8208 | 'SPP-SWPS-01' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06165 | 105.8208 | 'SPP-SWPS-01' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03164 | 113.2387 | 'SPP-SWPS-02A' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03729 | 113.2387 | 'SPP-SWPS-02A' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0373 | 113.2387 | 'SPP-SWPS-02A' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03728 | 113.2387 | 'SPP-SWPS-02A' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06236 | 113.2387 | 'SPP-SWPS-02A' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03164 | 96.9 | 'SPP-SWPS-02A' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03729 | 96.9 | 'SPP-SWPS-02A' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.0373 | 96.9 | 'SPP-SWPS-02A' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03728 | 96.9 | 'SPP-SWPS-02A' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.06236 | 96.9 | 'SPP-SWPS-02A' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03167 | 111.8355 | 'SPP-SWPS-03' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03748 | 111.8355 | 'SPP-SWPS-03' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03749 | 111.8355 | 'SPP-SWPS-03' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03747 | 111.8355 | 'SPP-SWPS-03' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06242 | 111.8355 | 'SPP-SWPS-03' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03167 | 97.4 | 'SPP-SWPS-03' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03748 | 97.4 | 'SPP-SWPS-03' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03749 | 97.4 | 'SPP-SWPS-03' |
| | FDNS | 01ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03747 | 97.4 | 'SPP-SWPS-03' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.06242 | 97.4 | 'SPP-SWPS-03' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06364 | 105.9407 | 'SPP-SWPS-05' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 104.5662 | 'GEN335831 1-RIVERBEND UNIT#1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 104.5662 | 'GEN335831 1-RIVERBEND UNIT#1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 105.2664 | 'GEN336153 1-WATERFORD UNIT#3' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 105.2664 | 'GEN336153 1-WATERFORD UNIT#3' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 104.6069 | 'GEN501801 1-DOLET HILLS UNIT1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 104.6069 | 'GEN501801 1-DOLET HILLS UNIT1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 104.601 | 'GEN509403 1-PIRKEY GENERATION' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 104.601 | 'GEN509403 1-PIRKEY GENERATION' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 104.6186 | 'GEN509416 1-TURK GENERATION' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 104.6186 | 'GEN509416 1-TURK GENERATION' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 108.0454 | 'GEN514805 1-SOONER UNIT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 108.0454 | 'GEN514805 1-SOONER UNIT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03016 | 95.3 | 'GEN514805 1-SOONER UNIT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.05811 | 95.3 | 'GEN514805 1-SOONER UNIT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 105.9866 | 'GEN514806 1-SOONER UNIT 2' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 105.9866 | 'GEN514806 1-SOONER UNIT 2' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 104.4814 | 'GEN515223 1-MUSKOGEE 4G' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 104.4814 | 'GEN515223 1-MUSKOGEE 4G' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 104.4483 | 'GEN515225 1-MUSKOGEE 5G' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 104.4483 | 'GEN515225 1-MUSKOGEE 5G' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 104.8012 | 'GEN515226 1-MUSKOGEE 6G' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 104.8012 | 'GEN515226 1-MUSKOGEE 6G' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 112.077 | 'GEN515389 1-TLAWND1 34.500' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONT | COMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME |
|-----------|----------|-------|----------|--------|--------|-----------|------|---|-------|---------|----------|--|
| | FDNS | 01ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 112.077 | 'GEN515389 1-TLGAWND1 34.500' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03016 | 97.3 | 'GEN515389 1-TLGAWND1 34.500' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.05811 | 97.3 | 'GEN515389 1-TLGAWND1 34.500' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 99.8 | 'GEN515449 1-CRSRDW11 34.500' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 99.8 | 'GEN515449 1-CRSRDW11 34.500' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 99.8 | 'GEN515450 1-CRSRDW21 34.500' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 99.8 | 'GEN515450 1-CRSRDW21 34.500' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 130.483 | 'GEN515787 1-OKLA WIND ENERGY CENTER' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 130.483 | 'GEN515787 1-OKLA WIND ENERGY CENTER' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 123.0226 | 'GEN520922 1-SLEEPING BEAR' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 123.0226 | 'GEN520922 1-SLEEPING BEAR' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03016 | 103.4569 | 'GEN520922 1-SLEEPING BEAR' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.05811 | 103.4569 | 'GEN520922 1-SLEEPING BEAR' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 104.6104 | 'GEN520947 1-HUGO1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 104.6104 | 'GEN520947 1-HUGO1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 106.9805 | 'GEN520997 1-MORLND2' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 106.9805 | 'GEN520997 1-MORLND2' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03016 | 97.5 | 'GEN520997 1-MORLND2' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.05811 | 97.5 | 'GEN520997 1-MORLND2' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 105.7 | 'GEN521120 1-BUFBEAR2' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 105.7 | 'GEN521120 1-BUFBEAR2' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 98.7 | 'GEN523971 1-HARRINGTON GEN #1 24 KV' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 98.7 | 'GEN523971 1-HARRINGTON GEN #1 24 KV' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 98.7 | 'GEN523972 1-HARRINGTON GEN #2 24 KV' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 98.7 | 'GEN523972 1-HARRINGTON GEN #2 24 KV' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 98.7 | 'GEN523973 1-HARRINGTON GEN #3 24 KV' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 98.7 | 'GEN523973 1-HARRINGTON GEN #3 24 KV' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 100.1527 | 'GEN525494 1-PLANT X GEN #4 20 KV' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 100.1527 | 'GEN525494 1-PLANT X GEN #4 20 KV' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 98.5 | 'GEN525561 1-TOLK GEN #1 24 KV' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 98.5 | 'GEN525561 1-TOLK GEN #1 24 KV' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 96.2 | 'GEN525562 1-TOLK GEN #2 24 KV' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 96.2 | 'GEN525562 1-TOLK GEN #2 24 KV' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 99.5 | 'GEN526331 1-JONES GEN #1 22 KV' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 99.5 | 'GEN526331 1-JONES GEN #1 22 KV' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 99.5 | 'GEN526332 1-JONES GEN #2 21 KV' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 99.5 | 'GEN526332 1-JONES GEN #2 21 KV' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 100.0523 | 'GEN527882 1-CUNNINGHAM GEN #2 20 KV' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 100.0523 | 'GEN527882 1-CUNNINGHAM GEN #2 20 KV' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 100.1923 | 'GEN527901 1-HOBBS PLANT #1 (CT)' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 100.1923 | 'GEN527901 1-HOBBS PLANT #1 (CT)' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 100.2067 | 'GEN527902 1-HOBBS PLANT #2 (CT)' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 100.2067 | 'GEN527902 1-HOBBS PLANT #2 (CT)' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 99.2 | 'GEN527903 1-HOBBS PLANT #3 (ST)' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 99.2 | 'GEN527903 1-HOBBS PLANT #3 (ST)' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 96.9 | 'GEN531447 1-HOLCOMB GENERATOR' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 96.9 | 'GEN531447 1-HOLCOMB GENERATOR' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 100 | 'GEN532651 1-JEFFREY ENERGY CENTER UNIT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 100 | 'GEN532651 1-JEFFREY ENERGY CENTER UNIT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 100 | 'GEN532652 1-JEFFREY ENERGY CENTER UNIT 2' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 100 | 'GEN532652 1-JEFFREY ENERGY CENTER UNIT 2' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 100 | 'GEN532653 1-JEFFREY ENERGY CENTER UNIT 3' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 100 | 'GEN532653 1-JEFFREY ENERGY CENTER UNIT 3' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 100.109 | 'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 100.109 | 'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 100.259 | 'GEN542962 2-ITAN UNIT #2' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME | |
|-----------|------------|-------|----------|--------|--------|---------------|----------------|--|-----|----------|----------|--|
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 100.259 | 'GEN542962 2-IATAN UNIT #2' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 97.2 | 'GEN560648 1-G07-21 0.5750' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 97.2 | 'GEN560648 1-G07-21 0.5750' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 99.7 | 'GEN640009 1-COOPER NUCLEAR STATION' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 99.7 | 'GEN640009 1-COOPER NUCLEAR STATION' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 99.3 | 'GEN640010 1-GERALD GENTLEMAN STATION UNIT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 99.3 | 'GEN640010 1-GERALD GENTLEMAN STATION UNIT 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 99.4 | 'GEN640011 2-GERALD GENTLEMAN STATION UNIT 2' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 99.4 | 'GEN640011 2-GERALD GENTLEMAN STATION UNIT 2' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 100.0626 | 'GEN645011 1-NEBRASKA CITY 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 100.0626 | 'GEN645011 1-NEBRASKA CITY 1' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 99.9 | 'GEN645012 2-NEBRASKA CITY 2' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 99.9 | 'GEN645012 2-NEBRASKA CITY 2' |
| | FDNS | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 97.7 | 'GEN659118 1-LARAMIE RIVER UNIT1' |
| | FDNS | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 97.7 | 'GEN659118 1-LARAMIE RIVER UNIT1' |
| | FNSL | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 105.4462 | 'GEN336821 1-GRAND GULF UNIT' |
| | FNSL | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 105.4462 | 'GEN336821 1-GRAND GULF UNIT' |
| | FNSL | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 104.7316 | 'GEN337910 1-ARKANSAS NUCLEAR ONE UNIT #1' |
| | FNSL | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 104.7316 | 'GEN337910 1-ARKANSAS NUCLEAR ONE UNIT #1' |
| | FNSL | 01ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03016 | 105.2064 | 'GEN337911 1-ARKANSAS NUCLEAR ONE UNIT #2' |
| | FNSL | 01ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05811 | 105.2064 | 'GEN337911 1-ARKANSAS NUCLEAR ONE UNIT #2' |
| NCONV | FNSL-Itera | 01ALL | | 0 | 13G | G10_045 | | Non-Converged Contingency | 0 | 0.04233 | 9999 | 'TRF-STEGALL' |
| NCONV | FNSL-Itera | 01ALL | | 0 | 13G | G10_048 | | Non-Converged Contingency | 0 | 0.04851 | 9999 | 'TRF-STEGALL' |
| NCONV | FNSL-Itera | 01ALL | | 0 | 13G | G10_048 | | Non-Converged Contingency | 0 | 0.03234 | 9999 | 'NEB01WAPAB3' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 149.9367 | 'BASE CASE' |
| | FDNS | 02ALL | | 0 | 13G | G10_040 | 'FROM->TO' | 'LAWEASOKLUNI' | 425 | 0.06441 | 113.3 | 'BASE CASE' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO' | 'SPSSPPTIESB1' | 620 | 0.3904 | 118.5332 | 'BASE CASE' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO' | 'SPSSPPTIESB1' | 620 | 0.39033 | 118.5332 | 'BASE CASE' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO' | 'SPSSPPTIESB1' | 620 | 0.39047 | 118.5332 | 'BASE CASE' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'FROM->TO' | 'SPSSPPTIESB1' | 620 | 0.2113 | 118.5332 | 'BASE CASE' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO' | 'SPSSPPTIESC' | 620 | 0.3904 | 118.5332 | 'BASE CASE' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO' | 'SPSSPPTIESC' | 620 | 0.39033 | 118.5332 | 'BASE CASE' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO' | 'SPSSPPTIESC' | 620 | 0.39047 | 118.5332 | 'BASE CASE' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'FROM->TO' | 'SPSSPPTIESC' | 620 | 0.2113 | 118.5332 | 'BASE CASE' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05693 | 128.0053 | 'LYDIA - VALLIANT 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05752 | 128.0534 | 'DELAWARE - NORTHEAST STATION 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05589 | 124.1698 | 'CLINTON AIR FORCE BASE TAP - ELK CITY 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05589 | 124.3958 | 'CLINTON AIR FORCE BASE TAP - HOBART JUNCTION 138KV CKT 1' |
| INVALID | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03014 | 156.6298 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |
| INVALID | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04034 | 156.6298 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |
| INVALID | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04033 | 156.6298 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |
| INVALID | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04035 | 156.6298 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |
| INVALID | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06056 | 156.6298 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |
| INVALID | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO' | 'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.10086 | 105.5569 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |
| INVALID | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO' | 'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.10089 | 105.5569 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |
| INVALID | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO' | 'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.10083 | 105.5569 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |
| INVALID | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO' | 'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.10086 | 104.4271 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |
| INVALID | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO' | 'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.10089 | 104.4271 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME |
|-----------|----------|-------|----------|--------|--------|---------------|---|-------|---------|----------|--|
| INVALID | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.10083 | 104.4271 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03014 | 144.0417 | 'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04034 | 144.0417 | 'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04033 | 144.0417 | 'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04035 | 144.0417 | 'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06056 | 144.0417 | 'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1' |
| SPP_FG-50 | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.10086 | 95.6 | 'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1' |
| SPP_FG-50 | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.10089 | 95.6 | 'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1' |
| SPP_FG-50 | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.10083 | 95.6 | 'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1' |
| SPP_FG-50 | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.10086 | 95.1 | 'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1' |
| SPP_FG-50 | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.10089 | 95.1 | 'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1' |
| SPP_FG-50 | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.10083 | 95.1 | 'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05573 | 123.225 | 'CLINTON JUNCTION - ELK CITY 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05424 | 124.3745 | 'ELK CITY - RED HILLS WIND 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05696 | 128.0586 | 'WEATHERFORD JCT. - WEATHERFORD SOUTHEAST 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03062 | 159.8532 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03626 | 159.8532 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03627 | 159.8532 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03625 | 159.8532 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06133 | 159.8532 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03062 | 130.3369 | 'STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03626 | 130.3369 | 'STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03627 | 130.3369 | 'STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03625 | 130.3369 | 'STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06133 | 130.3369 | 'STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03309 | 135.7941 | 'HUNTERS7 345.00 - WOODRING 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05873 | 135.7941 | 'HUNTERS7 345.00 - WOODRING 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05584 | 127.4875 | 'KNOBHILL - SALINE 69KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05584 | 127.858 | 'HELENA TAP - SALINE 69KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04949 | 110.6159 | 'CLEO CORNER - GLASS MOUNTAIN 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04783 | 113.2658 | 'CLEO CORNER - MEN TAP 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03337 | 149.987 | 'WOODWARD - WOODWARD 69KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06507 | 149.987 | 'WOODWARD - WOODWARD 69KV CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 126.5 | 'CENT 4 138.00 - WOODWARD 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05154 | 117.0671 | 'WOODWARD - WOODWARD EHV 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05612 | 127.5151 | 'WOODWARD - WOODWARD EHV 138KV CKT 2' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03541 | 159.1 | 'DEWEY - IODINE 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06889 | 159.1 | 'DEWEY - IODINE 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05425 | 121.603 | 'DEWEY - SOUTHARD 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03005 | 135.7593 | 'DEWEY - TALOGA 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05878 | 135.7593 | 'DEWEY - TALOGA 138KV CKT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME |
|-----------|----------|-------|----------|--------|--------|---------------|---|-------|---------|----------|---|
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04949 | 109.605 | 'GLASS MOUNTAIN - MOORELAND 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04783 | 114.1735 | 'IMO TAP - MEN TAP 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05712 | 127.799 | 'ALVA - KNOBHILL 69KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05529 | 120.8526 | 'KNOBHILL - MOORELAND 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03541 | 160.1301 | 'IODINE - WOODWARD EHV 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06889 | 160.1301 | 'IODINE - WOODWARD EHV 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05425 | 123.2772 | 'EL RENO - ROMAN NOSE 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05425 | 122.6281 | 'ROMAN NOSE - SOUTHARD 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05831 | 134.0923 | 'CIMARRON - NORTHWEST 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04324 | 190.8535 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_048 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03047 | 190.8535 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03921 | 190.8535 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03922 | 190.8535 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03921 | 190.8535 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.08427 | 190.8535 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.04324 | 107.995 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_048 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03047 | 107.995 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03921 | 107.995 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03922 | 107.995 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03921 | 107.995 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.08427 | 107.995 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.07449 | 95.1 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.07454 | 95.1 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.07444 | 95.1 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.03117 | 95.1 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04324 | 175.3946 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_048 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03047 | 175.3946 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03921 | 175.3946 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03922 | 175.3946 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03921 | 175.3946 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.08427 | 175.3946 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.04324 | 99.4 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_048 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03047 | 99.4 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03921 | 99.4 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03922 | 99.4 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03921 | 99.4 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.08427 | 99.4 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05475 | 119.9062 | 'Hitchland Interchange - WOODWARD DISTRICT EHV 345KV CKT 2' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06495 | 143.0094 | 'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06495 | 143.0094 | 'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 122.1 | 'G07-62 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME |
|-----------|----------|-------|----------|--------|--------|---------------|---|-------|---------|----------|--|
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0369 | 113.7856 | 'BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.07332 | 99.9 | 'BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.07337 | 99.9 | 'BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.07326 | 99.9 | 'BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.0523 | 99.9 | 'BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.07332 | 99.1 | 'BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.07337 | 99.1 | 'BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.07326 | 99.1 | 'BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.0523 | 99.1 | 'BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 127.8 | 'KEENAN4 - WOODWARD EHV 138KV CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 126.1 | 'G08-29 138.00 - WOODWARD EHV 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03309 | 134.2424 | 'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05873 | 134.2424 | 'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 135.8 | 'FPL SWITCH - OKLA WIND ENERGY CENTER 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05109 | 111.6459 | 'CEDARDALE - MOORELAND 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05109 | 112.3562 | 'CEDARDALE - OKEENE 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05279 | 120.5186 | 'DOVER SW - OKEENE 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03019 | 132.5277 | 'FARGO JCT - FT SUPPLY 69KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05889 | 132.5277 | 'FARGO JCT - FT SUPPLY 69KV CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 134 | 'FT SUPPLY - SLEEPING BEAR 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05607 | 124.9846 | 'MOORELAND - TALOGA 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05066 | 122.3228 | 'MOORELAND - NINE MILE 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05424 | 128.2266 | 'MOREWOOD SW - RED HILLS WIND 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05066 | 122.7479 | 'MOREWOOD SW - NINE MILE 138KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05653 | 128.2409 | 'OKEENE - WATONGA SW 69KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03019 | 133.4725 | 'FARGO JCT - WOODWARD 69KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05889 | 133.4725 | 'FARGO JCT - WOODWARD 69KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03058 | 132.8436 | 'CARTER JCT - WOODWARD 69KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05961 | 132.8436 | 'CARTER JCT - WOODWARD 69KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06287 | 143.2743 | 'FINNEY SWITCHING STATION - Hitchland Interchange 345KV CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 125.1 | 'G10-14 345.00 - Hitchland Interchange 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0726 | 124.9684 | 'BEAVER CO 345.00 - Hitchland Interchange 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03062 | 157.0212 | 'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03626 | 157.0212 | 'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03627 | 157.0212 | 'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03625 | 157.0212 | 'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06133 | 157.0212 | 'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME |
|-----------|----------|-------|----------|--------|--------|---------------|---|-------|---------|----------|---|
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03007 | 148.4422 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03036 | 148.4422 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03036 | 148.4422 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03036 | 148.4422 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0595 | 148.4422 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| ISLAND-LO | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 127.7454 | 'Graves Sub - STATELINE INTERCHANGE 115KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06287 | 145.7294 | 'FINNEY SWITCHING STATION - HOLCOMB 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.07753 | 95.1 | 'FINNEY SWITCHING STATION - HOLCOMB 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.07758 | 95.1 | 'FINNEY SWITCHING STATION - HOLCOMB 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.07748 | 95.1 | 'FINNEY SWITCHING STATION - HOLCOMB 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.03171 | 95.1 | 'FINNEY SWITCHING STATION - HOLCOMB 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03203 | 133.7809 | 'POST ROCK - SPEARVILLE 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05847 | 133.7809 | 'POST ROCK - SPEARVILLE 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05806 | 133.5086 | 'BUCKNER7 345.00 - HOLCOMB 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03192 | 133.6594 | 'MINGO - SETAB 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05869 | 133.6594 | 'MINGO - SETAB 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03218 | 132.9692 | 'MINGO - RED WILLOW 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05885 | 132.9692 | 'MINGO - RED WILLOW 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03495 | 134.5845 | 'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05806 | 134.5845 | 'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0315 | 133.513 | 'BENTON - WICHITA 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05898 | 133.513 | 'BENTON - WICHITA 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03362 | 140.2088 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06144 | 140.2088 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03362 | 140.2088 | 'THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06144 | 140.2088 | 'THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 124.3 | 'BEAVER CO 345.00 - G08-47 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 128.3 | 'G07-62 345.00 - G07-62-1 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 128.3 | 'G07-62 345.00 - G07-62-2 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 128.2 | 'G07-62 345.00 - G07-62-3 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 128.2 | 'G07-62 345.00 - G07-62-4 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 125.1 | 'G10-14 345.00 345/115KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 123.8 | 'BEAVER CO 345.00 - G10-01 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 127.5 | 'G06-44 115.00 - G06-44-3 115.00 115KV CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03062 | 159.8665 | 'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03626 | 159.8665 | 'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOAD | CONTNAME |
|-----------|----------|-------|----------|--------|--------|---------------|--|-------|---------|----------|---|
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03627 | 159.8665 | 'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03625 | 159.8665 | 'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06133 | 159.8665 | 'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05546 | 136.485 | 'WOODRING (WOODRNG2) 345/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03337 | 162.7397 | 'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06507 | 162.7397 | 'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05529 | 121.3524 | 'KNOBHILL (KNOBHIL4) 138/69/13.2KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 132.7 | 'SOONER 138/22.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 125.9 | 'CENT 4 138.00 (CENTENNIAL) 138/34.5/9.96KV TRANSFORMER CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05277 | 122.2741 | 'WOODWARD DISTRICT EHV (WWDEHV) 345/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05279 | 121.6207 | 'WOODWARD DISTRICT EHV (WWDEHV-T2) 345/138/13.8KV TRANSFORMER CKT 2' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 127.7 | 'KEENAN4 (KEENAN1) 138/34.5/9.96KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 136.1 | 'OKLA WIND ENERGY CENTER (FPLWIND) 138/34.5/13.8KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 138.7 | 'MOORELAND 138/18.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 126.9 | 'Hitchland Interchange (PRO G2218-01) 345/115/13.8KV TRANSFORMER CKT 1' |
| ISLAND-LO | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 127.7423 | 'STATELINE INTERCHANGE (H TP80154301) 230/115/13.2KV TRANSFORMER CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03258 | 132.8085 | 'POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06139 | 132.8085 | 'POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 122.9 | 'TOLK STATION EAST 230/24.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 124.3 | 'G08-47 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 128.3 | 'G07-62-1 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 128.3 | 'G07-62-2 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 128.2 | 'G07-62-3 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 128.2 | 'G07-62-4 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 127.6 | 'G10-14 115.00 115/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 127.6 | 'G10-14 115.00 115/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 123.8 | 'G10-01 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 126.1 | 'G08-29 138.00 138/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 127.5 | 'G06-44-3 115.00 115/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 127.1 | 'SUB 3458 NEB CTY 345/18.0KV TRANSFORMER CKT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME |
|-----------|----------|-------|----------|--------|--------|---------------|---|-------|---------|----------|-------------------------------------|
| ISLAND-GE | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 128.2 | 'RAUN 345/22.0KV TRANSFORMER CKT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04755 | 173.4512 | 'DBL-WICH-THI' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03603 | 173.4512 | 'DBL-WICH-THI' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03603 | 173.4512 | 'DBL-WICH-THI' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03603 | 173.4512 | 'DBL-WICH-THI' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.07492 | 173.4512 | 'DBL-WICH-THI' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.04755 | 98.4 | 'DBL-WICH-THI' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03603 | 98.4 | 'DBL-WICH-THI' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03603 | 98.4 | 'DBL-WICH-THI' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.03603 | 98.4 | 'DBL-WICH-THI' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.07492 | 98.4 | 'DBL-WICH-THI' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'CLEARWATER - MILAN TAP 138KV CKT 1' | 110 | 0.03868 | 129.5888 | 'DBL-WICH-THI' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'CLEARWATER - MILAN TAP 138KV CKT 1' | 110 | 0.03579 | 129.5888 | 'DBL-WICH-THI' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'FROM->TO'FLATRDG3 - HARPER 138KV CKT 1' | 95.6 | 0.03868 | 176.9227 | 'DBL-WICH-THI' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'FROM->TO'FLATRDG3 - HARPER 138KV CKT 1' | 95.6 | 0.03579 | 176.9227 | 'DBL-WICH-THI' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'FROM->TO'HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.03868 | 155.7723 | 'DBL-WICH-THI' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'FROM->TO'HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.03579 | 155.7723 | 'DBL-WICH-THI' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04439 | 177.138 | 'DBL-THIS-WWR' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04439 | 177.138 | 'DBL-THIS-WWR' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04439 | 177.138 | 'DBL-THIS-WWR' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.08697 | 177.138 | 'DBL-THIS-WWR' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.04439 | 100.3341 | 'DBL-THIS-WWR' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.04439 | 100.3341 | 'DBL-THIS-WWR' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.04439 | 100.3341 | 'DBL-THIS-WWR' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.08697 | 100.3341 | 'DBL-THIS-WWR' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05692 | 127.9994 | 'SPP-AEPW-01' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03014 | 146.6449 | 'SPP-AEPW-32' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04034 | 146.6449 | 'SPP-AEPW-32' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04033 | 146.6449 | 'SPP-AEPW-32' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04035 | 146.6449 | 'SPP-AEPW-32' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06056 | 146.6449 | 'SPP-AEPW-32' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.10086 | 97 | 'SPP-AEPW-32' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.10089 | 97 | 'SPP-AEPW-32' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.10083 | 97 | 'SPP-AEPW-32' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.10086 | 96.4 | 'SPP-AEPW-32' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.10089 | 96.4 | 'SPP-AEPW-32' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.10083 | 96.4 | 'SPP-AEPW-32' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 130.3372 | 'NC1_GEN-NEBRASKA CITY 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03025 | 144.0137 | 'SPP-SWPS-01' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03963 | 144.0137 | 'SPP-SWPS-01' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03962 | 144.0137 | 'SPP-SWPS-01' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03964 | 144.0137 | 'SPP-SWPS-01' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06066 | 144.0137 | 'SPP-SWPS-01' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.103 | 95.8 | 'SPP-SWPS-01' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.10302 | 95.8 | 'SPP-SWPS-01' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.10297 | 95.8 | 'SPP-SWPS-01' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.103 | 95.3 | 'SPP-SWPS-01' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.10302 | 95.3 | 'SPP-SWPS-01' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'FROM->TO'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.10297 | 95.3 | 'SPP-SWPS-01' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03062 | 159.8532 | 'SPP-SWPS-02A' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03626 | 159.8532 | 'SPP-SWPS-02A' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03627 | 159.8532 | 'SPP-SWPS-02A' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03625 | 159.8532 | 'SPP-SWPS-02A' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06133 | 159.8532 | 'SPP-SWPS-02A' |
| | FDNS | 02ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03064 | 158.0717 | 'SPP-SWPS-03' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03645 | 158.0717 | 'SPP-SWPS-03' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03646 | 158.0717 | 'SPP-SWPS-03' |
| | FDNS | 02ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03644 | 158.0717 | 'SPP-SWPS-03' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME |
|-----------|----------|-------|----------|--------|--------|-----------|--|-------|---------|----------|--|
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06139 | 158.0717 | 'SPP-SWPS-03' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06287 | 143.3263 | 'SPP-SWPS-05' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 132.4662 | 'GEN509403 1-PIRKEY GENERATION' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 132.5563 | 'GEN509416 1-TURK GENERATION' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 136.0494 | 'GEN514805 1-SOONER UNIT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 133.8332 | 'GEN514806 1-SOONER UNIT 2' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 132.5847 | 'GEN515226 1-MUSKOGEE 6G' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 128.1098 | 'GEN515365 1-CENT 21 34.500' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 128.2353 | 'GEN515393 1-OGEWND2G' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 135.2694 | 'GEN515787 1-OKLA WIND ENERGY CENTER' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 134.306 | 'GEN520922 1-SLEEPING BEAR' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 132.7582 | 'GEN520947 1-HUGO1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 139.5349 | 'GEN520997 1-MORLND2' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 122.3626 | 'GEN523103 1-NOBLE_WND 3115.00' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 128.1411 | 'GEN523195 1-Hansford County Switch Station' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 124.8168 | 'GEN523971 1-HARRINGTON GEN #1 24 KV' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 124.8126 | 'GEN523972 1-HARRINGTON GEN #2 24 KV' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 124.8213 | 'GEN523973 1-HARRINGTON GEN #3 24 KV' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 127.1147 | 'GEN525494 1-PLANT X GEN #4 20 KV' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 122.8462 | 'GEN525561 1-TOLK GEN #1 24 KV' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 120.9362 | 'GEN525562 1-TOLK GEN #2 24 KV' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 125.9529 | 'GEN526331 1-JONES GEN #1 22 KV' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 125.9513 | 'GEN526332 1-JONES GEN #2 21 KV' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 127.5542 | 'GEN527161 1-MUSTANG GEN #1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 127.5542 | 'GEN527162 1-MUSTANG GEN #2' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 126.9447 | 'GEN527882 1-CUNNINGHAM GEN #2 20 KV' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 127.7258 | 'GEN527901 1-HOBBS PLANT #1 (CT)' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 127.7439 | 'GEN527902 1-HOBBS PLANT #2 (CT)' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 126.482 | 'GEN527903 1-HOBBS PLANT #3 (ST)' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 123.1058 | 'GEN531447 1-HOLCOMB GENERATOR' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 126.6588 | 'GEN532651 1-JEFFREY ENERGY CENTER UNIT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 126.6595 | 'GEN532652 1-JEFFREY ENERGY CENTER UNIT 2' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 126.6591 | 'GEN532653 1-JEFFREY ENERGY CENTER UNIT 3' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 126.1224 | 'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 127.8175 | 'GEN542957 1-IATAN UNIT #1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 127.0468 | 'GEN542962 2-IATAN UNIT #2' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 118.4104 | 'GEN560121 1-G08-47 0.5750' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 124.3925 | 'GEN560256 1-G10-14-1 0.6900' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 124.2388 | 'GEN560257 1-G10-14-2 0.6900' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 124.0407 | 'GEN560286 1-G10-01-1WTG 0.6900' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 124.0407 | 'GEN560287 1-G10-01-2WTG 0.6900' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 124.5785 | 'GEN560371 1-G07-46 0.6900' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 126.4484 | 'GEN560429 1-G08-29 0.6400' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 125.9537 | 'GEN560585 1-G06-44-2 0.6000' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 124.1145 | 'GEN560586 1-G06-44-3 0.6000' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 126.2714 | 'GEN640009 1-COOPER NUCLEAR STATION' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 126.2147 | 'GEN640010 1-GERALD GENTLEMAN STATION UNIT 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 126.3187 | 'GEN640011 2-GERALD GENTLEMAN STATION UNIT 2' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 127.6165 | 'GEN645001 1-FORT CALHOUN 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 127.028 | 'GEN645011 1-NEBRASKA CITY 1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 126.6887 | 'GEN645012 2-NEBRASKA CITY 2' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 127.6397 | 'GEN659103 1-ANTELOPE VALLEY UNIT1' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 127.6397 | 'GEN659107 2-ANTELOPE VALLEY UNIT2' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 128.2994 | 'GEN659111 2-LELAND OLDS UNIT2' |
| | FDNS | 02ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05739 | 124.2358 | 'GEN659118 1-LARAMIE RIVER UNIT1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME | |
|-----------|----------|-------|----------|--------|--------|---------------|--|-------|-----|----------|----------|--|
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 137.7612 | 'BASE CASE' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05574 | 115.4212 | 'CLINTON AIR FORCE BASE TAP - ELK CITY 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05574 | 115.6396 | 'CLINTON AIR FORCE BASE TAP - HOBART JUNCTION 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05556 | 115.276 | 'CLINTON JUNCTION - ELK CITY 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05418 | 111.3278 | 'ELK CITY - RED HILLS WIND 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03065 | 119.7532 | 'STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |
| | FDNS | 03ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03629 | 119.7532 | 'STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |
| | FDNS | 03ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.0363 | 119.7532 | 'STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |
| | FDNS | 03ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03628 | 119.7532 | 'STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.06136 | 119.7532 | 'STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05722 | 117.346 | 'CIMARRON - WOODRING 345KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05569 | 117.6135 | 'KNOBHILL - SALINE 69KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.04933 | 104.0241 | 'CLEO CORNER - GLASS MOUNTAIN 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.04766 | 107.3409 | 'CLEO CORNER - MEN TAP 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03322 | 137.7311 | 'WOODWARD - WOODWARD 69KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.06492 | 137.7311 | 'WOODWARD - WOODWARD 69KV CKT 1' |
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 115.7 | 'CENT 4 138.00 - WOODWARD 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05141 | 107.6978 | 'WOODWARD - WOODWARD EHV 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05599 | 117.1815 | 'WOODWARD - WOODWARD EHV 138KV CKT 2' |
| | FDNS | 03ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03526 | 145.7515 | 'DEWEY - IODINE 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.06873 | 145.7515 | 'DEWEY - IODINE 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05412 | 111.7655 | 'DEWEY - SOUTHARD 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05863 | 125.188 | 'DEWEY - TALOGA 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.04933 | 103.0063 | 'GLASS MOUNTAIN - MOORELAND 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.04766 | 108.2405 | 'IMO TAP - MEN TAP 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05698 | 117.4919 | 'ALVA - KNOBHILL 69KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05515 | 111.542 | 'KNOBHILL - MOORELAND 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03526 | 146.7778 | 'IODINE - WOODWARD EHV 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.06873 | 146.7778 | 'IODINE - WOODWARD EHV 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05412 | 113.4451 | 'EL RENO - ROMAN NOSE 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05412 | 112.8002 | 'ROMAN NOSE - SOUTHARD 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05816 | 123.6462 | 'CIMARRON - NORTHWEST 345KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03265 | 126.921 | 'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.06155 | 126.921 | 'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.06494 | 117.3306 | 'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.06494 | 117.3306 | 'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2' |
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 111.3 | 'G07-62 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 117 | 'KEENAN4 - WOODWARD EHV 138KV CKT 1' |
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 115.5 | 'G08-29 138.00 - WOODWARD EHV 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03265 | 127.0983 | 'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.06155 | 127.0983 | 'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1' |
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 125.9 | 'FPL SWITCH - OKLA WIND ENERGY CENTER 138KV CKT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME |
|-----------|-----------|-------|----------|--------|--------|---------------|--|-------|---------|----------|--|
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05094 | 104.0089 | 'CEDARDALE - MOORELAND 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05094 | 104.7274 | 'CEDARDALE - OKEENE 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05264 | 112.094 | 'DOVER SW - OKEENE 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05713 | 121.7455 | 'FAIRVIEW - OKEENE 69KV CKT 1' |
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 123.8 | 'FT SUPPLY - SLEEPING BEAR 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05593 | 115.0898 | 'MOORELAND - TALOGA 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05068 | 103.7175 | 'MOORELAND - NINE MILE 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05418 | 115.631 | 'MOREWOOD SW - RED HILLS WIND 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05068 | 104.1399 | 'MOREWOOD SW - NINE MILE 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05639 | 117.7633 | 'OKEENE - WATONGA SW 69KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03005 | 122.5074 | 'FARGO JCT - WOODWARD 69KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05875 | 122.5074 | 'FARGO JCT - WOODWARD 69KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03044 | 121.8933 | 'CARTER JCT - WOODWARD 69KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05947 | 121.8933 | 'CARTER JCT - WOODWARD 69KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03003 | 131.4755 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03031 | 131.4755 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03032 | 131.4755 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03031 | 131.4755 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05945 | 131.4755 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| ISLAND-LO | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 117.4814 | 'Graves Sub - STATELINE INTERCHANGE 115KV CKT 1' |
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 117.1 | 'FINNEY SWITCHING STATION - G08-18 345.00 345KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03186 | 126.6575 | 'POST ROCK - SPEARVILLE 345KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0583 | 126.6575 | 'POST ROCK - SPEARVILLE 345KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_045 | 'TO->FROM'MULLERGREN - SPEARVILLE 230KV CKT 1' | 355.3 | 0.10526 | 129.8929 | 'POST ROCK - SPEARVILLE 345KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'MULLERGREN - SPEARVILLE 230KV CKT 1' | 355.3 | 0.03814 | 129.8929 | 'POST ROCK - SPEARVILLE 345KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03076 | 123.2883 | 'AXTELL - POST ROCK 345KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05801 | 123.2883 | 'AXTELL - POST ROCK 345KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYH6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.06971 | 96.5 | 'AXTELL - POST ROCK 345KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYH6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.13618 | 96.5 | 'AXTELL - POST ROCK 345KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03127 | 122.4432 | 'HOLCOMB - SETAB 345KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05829 | 122.4432 | 'HOLCOMB - SETAB 345KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03177 | 124.3849 | 'MINGO - SETAB 345KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05854 | 124.3849 | 'MINGO - SETAB 345KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03047 | 121.8424 | 'BENTON - ROSE HILL 345KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05805 | 121.8424 | 'BENTON - ROSE HILL 345KV CKT 1' |
| CONT-LaC | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05727 | 121.8319 | 'LACYGNE - NEOSHO 345KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0329 | 124.5533 | 'VIOLA 7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05853 | 124.5533 | 'VIOLA 7 345.00 - WICHITA 345KV CKT 1' |
| NCONV | FNSL-Blow | 03ALL | | 0 | 13G | G10_045 | Non-Converged Contingency | 0 | 0.24948 | 9999 | 'DBL-WICH-THI' |
| NCONV | FNSL-Blow | 03ALL | | 0 | 13G | G10_048 | Non-Converged Contingency | 0 | 0.12336 | 9999 | 'DBL-WICH-THI' |
| NCONV | FNSL-Blow | 03ALL | | 0 | 13G | ASGI_2010_020 | Non-Converged Contingency | 0 | 0.16995 | 9999 | 'DBL-WICH-THI' |
| NCONV | FNSL-Blow | 03ALL | | 0 | 13G | ASGI_2010_021 | Non-Converged Contingency | 0 | 0.16997 | 9999 | 'DBL-WICH-THI' |
| NCONV | FNSL-Blow | 03ALL | | 0 | 13G | ASGI_2011_001 | Non-Converged Contingency | 0 | 0.16993 | 9999 | 'DBL-WICH-THI' |
| NCONV | FNSL-Blow | 03ALL | | 0 | 13G | G10_001 | Non-Converged Contingency | 0 | 0.24141 | 9999 | 'DBL-WICH-THI' |
| NCONV | FNSL-Blow | 03ALL | | 0 | 13G | G10_041 | Non-Converged Contingency | 0 | 0.04702 | 9999 | 'DBL-THIS-CLR' |
| NCONV | FNSL-Blow | 03ALL | | 0 | 13G | G10_051 | Non-Converged Contingency | 0 | 0.07189 | 9999 | 'DBL-THIS-CLR' |
| NCONV | FNSL-Blow | 03ALL | | 0 | 13G | G10_045 | Non-Converged Contingency | 0 | 0.361 | 9999 | 'DBL-THIS-CLR' |
| NCONV | FNSL-Blow | 03ALL | | 0 | 13G | G10_048 | Non-Converged Contingency | 0 | 0.23524 | 9999 | 'DBL-THIS-CLR' |
| NCONV | FNSL-Blow | 03ALL | | 0 | 13G | G10_041 | Non-Converged Contingency | 0 | 0.04702 | 9999 | 'DBL-SPRVL-CL' |
| NCONV | FNSL-Blow | 03ALL | | 0 | 13G | G10_051 | Non-Converged Contingency | 0 | 0.07189 | 9999 | 'DBL-SPRVL-CL' |
| NCONV | FNSL-Blow | 03ALL | | 0 | 13G | G10_045 | Non-Converged Contingency | 0 | 0.361 | 9999 | 'DBL-SPRVL-CL' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | COMMONNAME | RATEB | TDF | TC%LOAD | CONTNAME |
|-----------|------------|-------|----------|--------|--------|---------------|--|-------|---------|----------|---|
| NCONV | FNSL-Blow | 03ALL | | 0 | 13G | G10_048 | Non-Converged Contingency | 0 | 0.23524 | 9999 | 'DBL-SPRVL-CL' |
| NCONV | FNSL-Itera | 03ALL | | 0 | 13G | G10_040 | Non-Converged Contingency | 0 | 0.16619 | 9999 | 'SPP-AEPW-01' |
| NCONV | FNSL-Itera | 03ALL | | 0 | 13G | G10_045 | Non-Converged Contingency | 0 | 0.07041 | 9999 | 'SPP-AEPW-01' |
| NCONV | FNSL-Itera | 03ALL | | 0 | 13G | G10_048 | Non-Converged Contingency | 0 | 0.04834 | 9999 | 'SPP-AEPW-01' |
| NCONV | FNSL-Itera | 03ALL | | 0 | 13G | ASGI_2010_020 | Non-Converged Contingency | 0 | 0.14355 | 9999 | 'SPP-AEPW-01' |
| NCONV | FNSL-Itera | 03ALL | | 0 | 13G | ASGI_2010_021 | Non-Converged Contingency | 0 | 0.14354 | 9999 | 'SPP-AEPW-01' |
| NCONV | FNSL-Itera | 03ALL | | 0 | 13G | ASGI_2011_001 | Non-Converged Contingency | 0 | 0.14357 | 9999 | 'SPP-AEPW-01' |
| NCONV | FNSL-Itera | 03ALL | | 0 | 13G | G10_001 | Non-Converged Contingency | 0 | 0.11167 | 9999 | 'SPP-AEPW-01' |
| NCONV | FNSL-Itera | 03ALL | | 0 | 13G | G10_040 | Non-Converged Contingency | 0 | 0.05077 | 9999 | 'GRDA-OPGD-05' |
| NCONV | FNSL-Itera | 03ALL | | 0 | 13G | G10_041 | Non-Converged Contingency | 0 | 0.15127 | 9999 | 'KCPL-OL166-1' |
| NCONV | FNSL-Itera | 03ALL | | 0 | 13G | G10_051 | Non-Converged Contingency | 0 | 0.20073 | 9999 | 'KCPL-OL166-1' |
| NCONV | FNSL-Itera | 03ALL | | 0 | 13G | G10_048 | Non-Converged Contingency | 0 | 0.04675 | 9999 | 'KCPL-OL166-1' |
| NCONV | FNSL-Itera | 03ALL | | 0 | 13G | G10_041 | Non-Converged Contingency | 0 | 0.03738 | 9999 | 'KCPL-OL166-2' |
| NCONV | FNSL-Itera | 03ALL | | 0 | 13G | G10_045 | Non-Converged Contingency | 0 | 0.04164 | 9999 | 'TRF-STEGALL' |
| NCONV | FNSL-Itera | 03ALL | | 0 | 13G | G10_048 | Non-Converged Contingency | 0 | 0.04783 | 9999 | 'TRF-STEGALL' |
| NCONV | FNSL-Itera | 03ALL | | 0 | 13G | G10_045 | Non-Converged Contingency | 0 | 0.03176 | 9999 | 'SPP-SWPS-01' |
| NCONV | FNSL-Itera | 03ALL | | 0 | 13G | G10_001 | Non-Converged Contingency | 0 | 0.0549 | 9999 | 'SPP-SWPS-01' |
| NCONV | FNSL-Itera | 03ALL | | 0 | 13G | ASGI_2010_020 | Non-Converged Contingency | 0 | 0.13395 | 9999 | 'SPP-SWPS-03' |
| NCONV | FNSL-Itera | 03ALL | | 0 | 13G | ASGI_2010_021 | Non-Converged Contingency | 0 | 0.13404 | 9999 | 'SPP-SWPS-03' |
| NCONV | FNSL-Itera | 03ALL | | 0 | 13G | ASGI_2011_001 | Non-Converged Contingency | 0 | 0.13385 | 9999 | 'SPP-SWPS-03' |
| NCONV | FNSL-Itera | 03ALL | | 0 | 13G | G10_001 | Non-Converged Contingency | 0 | 0.04309 | 9999 | 'SPP-SWPS-03' |
| NCONV | FNSL-Itera | 03ALL | | 0 | 13G | G10_041 | Non-Converged Contingency | 0 | 0.06896 | 9999 | 'SPP-SWPS-05' |
| NCONV | FNSL-Itera | 03ALL | | 0 | 13G | G10_051 | Non-Converged Contingency | 0 | 0.08013 | 9999 | 'SPP-SWPS-05' |
| NCONV | FNSL-Itera | 03ALL | | 0 | 13G | G10_045 | Non-Converged Contingency | 0 | 0.2407 | 9999 | 'SPP-SWPS-05' |
| NCONV | FNSL-Itera | 03ALL | | 0 | 13G | G10_048 | Non-Converged Contingency | 0 | 0.15691 | 9999 | 'SPP-SWPS-05' |
| NCONV | FNSL-Itera | 03ALL | | 0 | 13G | G10_040 | Non-Converged Contingency | 0 | 0.03949 | 9999 | 'SPP-WERE-07C' |
| NCONV | FNSL-Itera | 03ALL | | 0 | 13G | G10_045 | Non-Converged Contingency | 0 | 0.03077 | 9999 | 'WRTOD400' |
| NCONV | FNSL-Itera | 03ALL | | 0 | 13G | G10_048 | Non-Converged Contingency | 0 | 0.04535 | 9999 | 'WRTOD400' |
| NCONV | FNSL-Itera | 03ALL | | 0 | 13G | G10_048 | Non-Converged Contingency | 0 | 0.03189 | 9999 | 'NEB01WAPAB3' |
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 117.7 | 'G07-62 345.00 - G07-62-1 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 117.7 | 'G07-62 345.00 - G07-62-2 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 117.6 | 'G07-62 345.00 - G07-62-3 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 117.6 | 'G07-62 345.00 - G07-62-4 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 121.8 | '4OSAGEWIND 138.00 - 4REMNGTON 138.00 138KV CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0553 | 128.2901 | 'WOODRING (WOODRNG2) 345/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03322 | 150.4415 | 'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06492 | 150.4415 | 'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05515 | 112.0424 | 'KNOBHILL (KNOBHIL4) 138/69/13.2KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 122.2 | 'SOONER 138/22.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 115.4 | 'CENT 4 138.00 (CENTENNIAL) 138/34.5/9.96KV TRANSFORMER CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05265 | 112.8736 | 'WOODWARD DISTRICT EHV (WWDEHV) 345/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05266 | 112.2373 | 'WOODWARD DISTRICT EHV (WWDEHV-T2) 345/138/13.8KV TRANSFORMER CKT 2' |
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 116.9 | 'KEENAN4 (KEENAN1) 138/34.5/9.96KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 126.1 | 'OKLA WIND ENERGY CENTER (FPLWIND) 138/34.5/13.8KV TRANSFORMER CKT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME | |
|-----------|----------|-------|----------|--------|--------|---------------|---|-------|-----|----------|----------|--|
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 128.6 | 'MOORELAND 138/18.0KV TRANSFORMER CKT 1' |
| ISLAND-LO | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 117.4788 | 'STATELINE INTERCHANGE (H TP80154301) 230/115/13.2KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 114.6 | 'TOLK STATION EAST 230/24.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 113.5 | 'JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 117.7 | 'G07-62-1 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 117.7 | 'G07-62-2 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 117.6 | 'G07-62-3 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 117.6 | 'G07-62-4 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_045 | 'FROM->TO'SPEARVILLE (SPEARVLX) 345/115/13.8KV TRANSFORMER CKT 3' | | 336 | 0.03333 | 100.2 | 'G10-15 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_045 | 'FROM->TO'SPEARVILLE (SPEARVLX) 345/115/13.8KV TRANSFORMER CKT 3' | | 336 | 0.03333 | 100.6 | 'G10-15 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 117.1 | 'G08-18 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 115.4 | 'G08-29 138.00 138/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 116.6 | 'SUB 3458 NEB CTY 345/18.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 121.8 | '40SAGEWIND 138.00 138/34.5KV TRANSFORMER CKT 1' |
| | FDNS | 03ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.04475 | 109.1604 | 'DBL-THIS-WWR' |
| | FDNS | 03ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.04475 | 109.1604 | 'DBL-THIS-WWR' |
| | FDNS | 03ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.04475 | 109.1604 | 'DBL-THIS-WWR' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.08733 | 109.1604 | 'DBL-THIS-WWR' |
| | FDNS | 03ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03016 | 127.8979 | 'SPP-AEPW-32' |
| | FDNS | 03ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.04036 | 127.8979 | 'SPP-AEPW-32' |
| | FDNS | 03ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.04035 | 127.8979 | 'SPP-AEPW-32' |
| | FDNS | 03ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.04037 | 127.8979 | 'SPP-AEPW-32' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.06058 | 127.8979 | 'SPP-AEPW-32' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 119.7532 | 'NC1_GEN-NEBRASKA CITY 1' |
| | FDNS-CHE | 03ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03065 | 135 | 'SPP-SWPS-02A' |
| | FDNS-CHE | 03ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03629 | 135 | 'SPP-SWPS-02A' |
| | FDNS-CHE | 03ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.0363 | 135 | 'SPP-SWPS-02A' |
| | FDNS-CHE | 03ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03628 | 135 | 'SPP-SWPS-02A' |
| | FDNS-CHE | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.06136 | 135 | 'SPP-SWPS-02A' |
| | FDNS | 03ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03232 | 121.9234 | 'SPP-SWPS-04' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.06113 | 121.9234 | 'SPP-SWPS-04' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 125.7517 | 'GEN514805 1-SOONER UNIT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 123.5147 | 'GEN514806 1-SOONER UNIT 2' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 121.902 | 'GEN515223 1-MUSKOGEE 4G' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 121.8689 | 'GEN515225 1-MUSKOGEE 5G' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 122.2122 | 'GEN515226 1-MUSKOGEE 6G' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 117.2749 | 'GEN515365 1-CENT 21 34.500' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 117.454 | 'GEN515393 1-OGEWND2G' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 125.3292 | 'GEN515787 1-OKLA WIND ENERGY CENTER' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 124.0902 | 'GEN520922 1-SLEEPING BEAR' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 122.2982 | 'GEN520947 1-HUGO1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 129.3449 | 'GEN520997 1-MORLND2' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 115.4878 | 'GEN523971 1-HARRINGTON GEN #1 24 KV' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 115.484 | 'GEN523972 1-HARRINGTON GEN #2 24 KV' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05726 | 115.4873 | 'GEN523973 1-HARRINGTON GEN #3 24 KV' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME |
|-----------|----------|-------|----------|--------|--------|---------------|---|-------|---------|----------|--|
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 117.2215 | 'GEN525494 1-PLANT X GEN #4 20 KV' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 114.7779 | 'GEN525561 1-TOLK GEN #1 24 KV' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 112.3505 | 'GEN525562 1-TOLK GEN #2 24 KV' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 116.3422 | 'GEN526331 1-JONES GEN #1 22 KV' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 116.341 | 'GEN526332 1-JONES GEN #2 21 KV' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 117.5652 | 'GEN527161 1-MUSTANG GEN #1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 117.5653 | 'GEN527162 1-MUSTANG GEN #2' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 117.0961 | 'GEN527882 1-CUNNINGHAM GEN #2 20 KV' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 117.3412 | 'GEN527901 1-HOBBS PLANT #1 (CT)' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 117.3578 | 'GEN527902 1-HOBBS PLANT #2 (CT)' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 116.1973 | 'GEN527903 1-HOBBS PLANT #3 (ST)' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 112.5226 | 'GEN531447 1-HOLCOMB GENERATOR' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 116.6035 | 'GEN532651 1-JEFFREY ENERGY CENTER UNIT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 116.5977 | 'GEN532652 1-JEFFREY ENERGY CENTER UNIT 2' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 116.5968 | 'GEN532653 1-JEFFREY ENERGY CENTER UNIT 3' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 116.2277 | 'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 113.9076 | 'GEN539670 4-JUDSON LARGE GENERATOR' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 117.615 | 'GEN539945 1-FLATRWWDG1 0.6900' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 117.5209 | 'GEN560121 1-G08-47 0.5750' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 115.6955 | 'GEN560209 1-G07-40 0.5750' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 116.3766 | 'GEN560238 1-G10-09 0.6900' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 111.0766 | 'GEN560279 1-G08-18 0.6900' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 115.7006 | 'GEN560329 1-G10-45 0.6900' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 115.8491 | 'GEN560429 1-G08-29 0.6400' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 115.819 | 'GEN560432 1-G08-124 0.6900' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 116.8161 | 'GEN560514 1-G04_014 0.6900' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 114.8689 | 'GEN560522 1-G05-12 0.6900' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 115.7176 | 'GEN560549 1-G06-06 0.6900' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 117.339 | 'GEN560558 1-G06-022 0.6900' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 115.8663 | 'GEN560659 1-G07-38 0.6900' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 116.0209 | 'GEN640010 1-GERALD GENTLEMAN STATION UNIT 1' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 116.1235 | 'GEN640011 2-GERALD GENTLEMAN STATION UNIT 2' |
| | FDNS | 03ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05726 | 114.0888 | 'GEN659118 1-LARAMIE RIVER UNIT1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05764 | 107.2396 | 'BASE CASE' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05362 | 100.4155 | 'BASE CASE' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10928 | 100.4155 | 'BASE CASE' |
| INVALID | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03061 | 106.5061 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |
| INVALID | FDNS | 04ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04081 | 106.5061 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |
| INVALID | FDNS | 04ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0408 | 106.5061 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |
| INVALID | FDNS | 04ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04082 | 106.5061 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |
| INVALID | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06103 | 106.5061 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |
| INVALID | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05386 | 102.1628 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |
| INVALID | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10925 | 102.1628 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03061 | 96.6 | 'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04081 | 96.6 | 'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0408 | 96.6 | 'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04082 | 96.6 | 'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06103 | 96.6 | 'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0311 | 108.8176 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03674 | 108.8176 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME | |
|-----------|----------|-------|----------|--------|--------|---------------|---|-------|-----|----------|----------|---|
| | FDNS | 04ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03675 | 108.8176 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03673 | 108.8176 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.06181 | 108.8176 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.0311 | 100.1 | 'STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03674 | 100.1 | 'STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03675 | 100.1 | 'STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03673 | 100.1 | 'STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.06181 | 100.1 | 'STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05435 | 95.9 | 'WAUKOMIS - WAUKOMIS TAP 138KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05435 | 95.4 | 'HENESSEY - WAUKOMIS 138KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03331 | 101.1815 | 'HUNTERS7 345.00 - WOODRING 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05895 | 101.1815 | 'HUNTERS7 345.00 - WOODRING 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05261 | 99.3 | 'HUNTERS7 345.00 - WOODRING 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.1082 | 99.3 | 'HUNTERS7 345.00 - WOODRING 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03366 | 107.6736 | 'WOODWARD - WOODWARD 69KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.06536 | 107.6736 | 'WOODWARD - WOODWARD 69KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03572 | 113.542 | 'DEWEY - IODINE 138KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.0692 | 113.542 | 'DEWEY - IODINE 138KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03029 | 97.9 | 'DEWEY - TALOGA 138KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05902 | 97.9 | 'DEWEY - TALOGA 138KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03572 | 114.557 | 'IODINE - WOODWARD EHV 138KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.0692 | 114.557 | 'IODINE - WOODWARD EHV 138KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03018 | 96.8 | 'CIMARRON - NORTHWEST 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05855 | 96.8 | 'CIMARRON - NORTHWEST 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.04369 | 133.4493 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03092 | 133.4493 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03966 | 133.4493 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03967 | 133.4493 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03966 | 133.4493 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.08472 | 133.4493 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05602 | 104.1064 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.11095 | 104.1064 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.04369 | 116.9318 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03092 | 116.9318 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03966 | 116.9318 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03967 | 116.9318 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03966 | 116.9318 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.08472 | 116.9318 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05602 | 102.4968 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.11095 | 102.4968 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03302 | 98.8 | 'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.06192 | 98.8 | 'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOAD | CONTNAME |
|-----------|----------|-------|----------|--------|--------|---------------|---|-------|---------|----------|--|
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05427 | 101.5213 | 'BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10952 | 101.5213 | 'BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03302 | 99 | 'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06192 | 99 | 'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03331 | 99.5 | 'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05895 | 99.5 | 'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05764 | 99.3 | 'FPL SWITCH - OKLA WIND ENERGY CENTER 138KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05751 | 95.2 | 'FAIRVIEW - OKEENE 69KV CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05764 | 97.2 | 'FT SUPPLY - SLEEPING BEAR 138KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03045 | 95.3 | 'FARGO JCT - WOODWARD 69KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05915 | 95.3 | 'FARGO JCT - WOODWARD 69KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.06808 | 107.0364 | 'FINNEY SWITCHING STATION - Hitchland Interchange 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.11874 | 107.0364 | 'FINNEY SWITCHING STATION - Hitchland Interchange 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0311 | 106.0054 | 'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03674 | 106.0054 | 'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03675 | 106.0054 | 'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03673 | 106.0054 | 'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06181 | 106.0054 | 'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03045 | 103.4039 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03073 | 103.4039 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03074 | 103.4039 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03073 | 103.4039 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05987 | 103.4039 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.06808 | 105.2512 | 'FINNEY SWITCHING STATION - HOLCOMB 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.11874 | 105.2512 | 'FINNEY SWITCHING STATION - HOLCOMB 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.03079 | 113.8506 | 'KNOLL 230 - POSTROCK6 230.00 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.23552 | 113.8506 | 'KNOLL 230 - POSTROCK6 230.00 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05335 | 99.4 | 'KNOLL - REDLINE 115KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05941 | 99.4 | 'KNOLL - REDLINE 115KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05394 | 95.3 | 'POSTROCK6 230.00 - SOUTH HAYS 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.1031 | 95.3 | 'POSTROCK6 230.00 - SOUTH HAYS 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05406 | 112.4585 | 'MULLERGREN - SOUTH HAYS 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.1316 | 112.4585 | 'MULLERGREN - SOUTH HAYS 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_051 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.03367 | 102.1282 | 'POST ROCK - SPEARVILLE 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.14762 | 102.1282 | 'POST ROCK - SPEARVILLE 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03118 | 95.6 | 'AXTELL - POST ROCK 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05843 | 95.6 | 'AXTELL - POST ROCK 345KV CKT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME | |
|-----------|----------|-------|----------|--------|--------|-----------|----------------|--|-----|----------|----------|---|
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.0709 | 113.4822 | 'AXTELL - POST ROCK 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.13736 | 113.4822 | 'AXTELL - POST ROCK 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03036 | 96.5 | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05787 | 96.5 | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'KNOLL 230 - POSTROCK6 230.00 230KV CKT 1' | 398 | 0.40324 | 103.5923 | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05335 | 99.3 | 'G10-48T 115.00 - REDLINE 115KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05941 | 99.3 | 'G10-48T 115.00 - REDLINE 115KV CKT 1' |
| INVALID | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05492 | 101.9608 | 'ST JOHN - ST JOHN 115KV CKT 1' |
| INVALID | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.11076 | 101.9608 | 'ST JOHN - ST JOHN 115KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.06686 | 97.7 | 'BUCKNER7 345.00 - HOLCOMB 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10916 | 97.7 | 'BUCKNER7 345.00 - HOLCOMB 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03245 | 96 | 'MINGO - RED WILLOW 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05912 | 96 | 'MINGO - RED WILLOW 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03521 | 95.4 | 'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05832 | 95.4 | 'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.03372 | 96.5 | 'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10916 | 96.5 | 'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05804 | 102.8819 | 'CLARKCOUNTY7345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.11218 | 102.8819 | 'CLARKCOUNTY7345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05804 | 102.8819 | 'CLARKCOUNTY7345.00 - SPEARVILLE 345KV CKT 2' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.11218 | 102.8819 | 'CLARKCOUNTY7345.00 - SPEARVILLE 345KV CKT 2' |
| CONT-040 | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.04936 | 105.8971 | 'JEFFREY ENERGY CENTER - SUMMIT 345KV CKT 1' |
| CONT-040 | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10524 | 105.8971 | 'JEFFREY ENERGY CENTER - SUMMIT 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05365 | 98 | 'EMPORIA ENERGY CENTER - MORRIS COUNTY 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10859 | 98 | 'EMPORIA ENERGY CENTER - MORRIS COUNTY 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05134 | 97.2 | 'RENO COUNTY - WICHITA 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10051 | 97.2 | 'RENO COUNTY - WICHITA 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05334 | 101.688 | 'IATAN - STRANGER CREEK 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10906 | 101.688 | 'IATAN - STRANGER CREEK 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05241 | 97.7 | 'SWISSVALE - WEST GARDNER 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10779 | 97.7 | 'SWISSVALE - WEST GARDNER 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03176 | 96.2 | 'BENTON - WICHITA 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05924 | 96.2 | 'BENTON - WICHITA 345KV CKT 1' |
| CONT-LaC | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05765 | 95.3 | 'LACYGNE - NEOSHO 345KV CKT 1' |
| CONT-LaC | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05336 | 99.3 | 'LACYGNE - NEOSHO 345KV CKT 1' |
| CONT-LaC | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10885 | 99.3 | 'LACYGNE - NEOSHO 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03331 | 96 | 'VIOLA 7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05895 | 96 | 'VIOLA 7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03392 | 99.8 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06174 | 99.8 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.0589 | 104.4816 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.11194 | 104.4816 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03392 | 99.8 | 'THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06174 | 99.8 | 'THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.0589 | 104.4816 | 'THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.11194 | 104.4816 | 'THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05359 | 99.3 | 'AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10916 | 99.3 | 'AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05362 | 102.5 | 'LAWRENCE ENERGY CENTER UNIT 5 - LAWRENCE HILL 230KV CKT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONT | COMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME | |
|-----------|----------|-------|----------|--------|--------|---------------|------|------------|--|-----|----------|----------|--|
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_048 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10928 | 102.5 | 'LAWRENCE ENERGY CENTER UNIT 5 - LAWRENCE HILL 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.0564 | 101.5129 | 'CIRCLE - EAST MCPHERSON 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.11187 | 101.5129 | 'CIRCLE - EAST MCPHERSON 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.06563 | 111.4541 | 'CIRCLE - MULLERGREN 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.12592 | 111.4541 | 'CIRCLE - MULLERGREN 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05623 | 97.6 | 'EAST MCPHERSON - SUMMIT 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.11114 | 97.6 | 'EAST MCPHERSON - SUMMIT 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05027 | 98.8 | 'SUMMIT - UNIONRG6 230.00 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.1049 | 98.8 | 'SUMMIT - UNIONRG6 230.00 230KV CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_045 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05362 | 102.6 | 'MRWYP16 - MRWYP26 230KV CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_048 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10928 | 102.6 | 'MRWYP16 - MRWYP26 230KV CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_001 | | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05764 | 95.7 | 'ELM CREEK - MRWYP16 230KV CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_045 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05362 | 105 | 'ELM CREEK - MRWYP16 230KV CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_048 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10928 | 105 | 'ELM CREEK - MRWYP16 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05523 | 98 | 'CONCORDIA - ELM CREEK 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.11645 | 98 | 'CONCORDIA - ELM CREEK 230KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05537 | 101.8098 | 'PHILLIPSBURG - SMITH CENTER 115KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.12508 | 101.8098 | 'PHILLIPSBURG - SMITH CENTER 115KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05457 | 101.5781 | 'SEWARD - ST JOHN 115KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.11147 | 101.5781 | 'SEWARD - ST JOHN 115KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.06282 | 105.7454 | 'CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.11532 | 105.7454 | 'CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.06282 | 105.7454 | 'CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 2' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.11532 | 105.7454 | 'CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 2' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05426 | 102.1495 | 'COOPER - ST JOE 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.11032 | 102.1495 | 'COOPER - ST JOE 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05387 | 98.9 | 'EASTOWN7 345.00 - IATAN 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10972 | 98.9 | 'EASTOWN7 345.00 - IATAN 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05738 | 104.8798 | 'AXTELL - PAULINE 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.11434 | 104.8798 | 'AXTELL - PAULINE 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05412 | 98.9 | 'AXTELL - SWEETWATER 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.11082 | 98.9 | 'AXTELL - SWEETWATER 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05478 | 101.6043 | 'MCCOOL - MOORE 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.1107 | 101.6043 | 'MCCOOL - MOORE 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05479 | 102.0795 | 'GRAND ISLAND - MCCOOL 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.11069 | 102.0795 | 'GRAND ISLAND - MCCOOL 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05687 | 104.1056 | 'MOORE - PAULINE 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.11357 | 104.1056 | 'MOORE - PAULINE 345KV CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_001 | | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05764 | 95.3 | '4OSAGEWIND 138.00 - 4REMINGTON 138.00 138KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0311 | 108.8092 | 'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2010_020 | | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03674 | 108.8092 | 'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2010_021 | | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03675 | 108.8092 | 'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2011_001 | | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03673 | 108.8092 | 'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06181 | 108.8092 | 'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05568 | 102.2543 | 'WOODRING (WOODRNG2) 345/138/13.8KV TRANSFORMER CKT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME |
|-----------|----------|-------|----------|--------|--------|-----------|---|-------|---------|----------|---|
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03366 | 120.1836 | 'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06536 | 120.1836 | 'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05764 | 95.7 | 'SOONER 138/22.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05764 | 99.5 | 'OKLA WIND ENERGY CENTER (FPLWIND) 138/34.5/13.8KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05764 | 104.5 | 'MOORELAND 138/18.0KV TRANSFORMER CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0327 | 96.7 | 'POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06151 | 96.7 | 'POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05362 | 99.2 | 'TOLK STATION EAST 230/24.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10928 | 99.2 | 'TOLK STATION EAST 230/24.0KV TRANSFORMER CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05242 | 101.9189 | 'POST ROCK (POSTROCK T1) 345/230/13.8KV TRANSFORMER CKT 2' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.11669 | 101.9189 | 'POST ROCK (POSTROCK T1) 345/230/13.8KV TRANSFORMER CKT 2' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05242 | 101.9189 | 'POST ROCK (POSTROCK T1) 345/230/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.11669 | 101.9189 | 'POST ROCK (POSTROCK T1) 345/230/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05337 | 101.6243 | 'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.11758 | 101.6243 | 'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05362 | 102.9 | 'JEFFREY ENERGY CENTER 345/26.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10928 | 102.9 | 'JEFFREY ENERGY CENTER 345/26.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05362 | 102.9 | 'JEFFREY ENERGY CENTER 345/26.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10928 | 102.9 | 'JEFFREY ENERGY CENTER 345/26.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05362 | 102.6 | 'JEFFREY ENERGY CENTER 230/26.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10928 | 102.6 | 'JEFFREY ENERGY CENTER 230/26.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05362 | 102.5 | 'LAWRENCE ENERGY CENTER UNIT 5 230/24.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10928 | 102.5 | 'LAWRENCE ENERGY CENTER UNIT 5 230/24.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05362 | 99.4 | 'EVANS ENERGY CENTER NORTH 138/24.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10928 | 99.4 | 'EVANS ENERGY CENTER NORTH 138/24.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05362 | 102.6 | 'MRWYP26 (MERDWYP2) 230/34.5/13.8KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10928 | 102.6 | 'MRWYP26 (MERDWYP2) 230/34.5/13.8KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05362 | 102.6 | 'MRWYP16 (MERIDWY1) 230/34.5/13.8KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10928 | 102.6 | 'MRWYP16 (MERIDWY1) 230/34.5/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05523 | 98 | 'CONCORDIA (CONCORD6) 230/115/13.8KV TRANSFORMER CKT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME |
|-----------|----------|-------|----------|--------|--------|---------------|---|-------|---------|----------|---|
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TC'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.11645 | 98 | 'CONCORDIA (CONCORD6) 230/115/13.8KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TC'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05362 | 98.8 | 'JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TC'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10928 | 98.8 | 'JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TC'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05362 | 101.5 | 'SIBLEYPL 161.00 161/22.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TC'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10928 | 101.5 | 'SIBLEYPL 161.00 161/22.0KV TRANSFORMER CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TC'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05396 | 101.5243 | 'COOPER - FAIRPORT 345KV CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TC'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10983 | 101.5243 | 'COOPER - FAIRPORT 345KV CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TC'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05362 | 97.6 | 'GERALD GENTLEMAN STATION 345/24.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TC'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10928 | 97.6 | 'GERALD GENTLEMAN STATION 345/24.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TC'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05362 | 97.5 | 'GERALD GENTLEMAN STATION 230/23.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TC'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10928 | 97.5 | 'GERALD GENTLEMAN STATION 230/23.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TC'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05362 | 98.2 | 'SUB 3458 NEB CTY 345/18.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TC'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10928 | 98.2 | 'SUB 3458 NEB CTY 345/18.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05764 | 95.3 | '4OSAGEWIND 138.00 138/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TC'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05362 | 98.6 | 'RAUN 345/22.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TC'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10928 | 98.6 | 'RAUN 345/22.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TC'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05362 | 101.8 | 'LOUISA 345/24.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TC'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10928 | 101.8 | 'LOUISA 345/24.0KV TRANSFORMER CKT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.048 | 121.7948 | 'DBL-WICH-THI' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03042 | 121.7948 | 'DBL-WICH-THI' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03647 | 121.7948 | 'DBL-WICH-THI' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03648 | 121.7948 | 'DBL-WICH-THI' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03647 | 121.7948 | 'DBL-WICH-THI' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.07537 | 121.7948 | 'DBL-WICH-THI' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TC'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.07651 | 119.0783 | 'DBL-WICH-THI' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TC'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.12081 | 119.0783 | 'DBL-WICH-THI' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'FROM->TC'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.04004 | 119.0783 | 'DBL-WICH-THI' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM'CLEARWATER - MILAN TAP 138KV CKT 1' | 110 | 0.03907 | 100.7522 | 'DBL-WICH-THI' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'CLEARWATER - MILAN TAP 138KV CKT 1' | 110 | 0.03619 | 100.7522 | 'DBL-WICH-THI' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TC'FLATRDG3 - HARPER 138KV CKT 1' | 95.6 | 0.03907 | 133.5134 | 'DBL-WICH-THI' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'FROM->TC'FLATRDG3 - HARPER 138KV CKT 1' | 95.6 | 0.03619 | 133.5134 | 'DBL-WICH-THI' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TC'HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.03907 | 122.4611 | 'DBL-WICH-THI' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'FROM->TC'HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.03619 | 122.4611 | 'DBL-WICH-THI' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TC'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05394 | 101.3519 | 'SPP-2006-001' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TC'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10981 | 101.3519 | 'SPP-2006-001' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03061 | 99.1 | 'SPP-AEPW-32' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04081 | 99.1 | 'SPP-AEPW-32' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0408 | 99.1 | 'SPP-AEPW-32' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04082 | 99.1 | 'SPP-AEPW-32' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06103 | 99.1 | 'SPP-AEPW-32' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TC'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05334 | 101.7266 | 'KCPL-OPGD#07' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TC'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10906 | 101.7266 | 'KCPL-OPGD#07' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TC'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05395 | 101.3791 | 'KCPL-OL166-1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TC'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10981 | 101.3791 | 'KCPL-OL166-1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TC'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05394 | 101.3519 | 'LN-FAIRPORT' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TC'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10981 | 101.3519 | 'LN-FAIRPORT' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME | |
|-----------|----------|-------|----------|--------|--------|---------------|---|-------|-----|----------|----------|---------------------------------------|
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05394 | 96.1 | 'OGE3TERM1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 100.4155 | 'NC1_GEN-NEBRASKA CITY 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 100.4155 | 'NC1_GEN-NEBRASKA CITY 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03071 | | 'SPP-SWPS-01' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.04009 | 96.8 | 'SPP-SWPS-01' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.04008 | 96.8 | 'SPP-SWPS-01' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.0401 | 96.8 | 'SPP-SWPS-01' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.06112 | 96.8 | 'SPP-SWPS-01' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.0311 | 108.8176 | 'SPP-SWPS-02A' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03674 | 108.8176 | 'SPP-SWPS-02A' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03675 | 108.8176 | 'SPP-SWPS-02A' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03673 | 108.8176 | 'SPP-SWPS-02A' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.06181 | 108.8176 | 'SPP-SWPS-02A' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03112 | 106.884 | 'SPP-SWPS-03' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03693 | 106.884 | 'SPP-SWPS-03' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03694 | 106.884 | 'SPP-SWPS-03' |
| | FDNS | 04ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03692 | 106.884 | 'SPP-SWPS-03' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.06187 | 106.884 | 'SPP-SWPS-03' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.06808 | 107.0721 | 'SPP-SWPS-05' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.11874 | 107.0721 | 'SPP-SWPS-05' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05457 | 101.5728 | 'SPP-MKEC-06' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.11147 | 101.5728 | 'SPP-MKEC-06' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05254 | 99.4 | 'WR-DOUBLE17' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10826 | 99.4 | 'WR-DOUBLE17' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05392 | 102.1546 | 'NEB01WAPAB3' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10963 | 102.1546 | 'NEB01WAPAB3' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05764 | 95.3 | 'GEN335831 1-RIVERBEND UNIT#1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05764 | 95.9 | 'GEN336153 1-WATERFORD UNIT#3' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 101.4616 | 'GEN336153 1-WATERFORD UNIT#3' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 101.4616 | 'GEN336153 1-WATERFORD UNIT#3' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05764 | 95.6 | 'GEN501801 1-DOLET HILLS UNIT1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05764 | 95.7 | 'GEN509403 1-PIRKEY GENERATION' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05764 | 95.3 | 'GEN509404 1-WELSH #1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05764 | 95.3 | 'GEN509405 1-WELSH #2' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05764 | 95.3 | 'GEN509406 1-WELSH #3' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05764 | 95.8 | 'GEN509416 1-TURK GENERATION' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05764 | 95.3 | 'GEN512688 2-GRDA1 GSU2 22' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05764 | 99.4 | 'GEN514805 1-SOONER UNIT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05764 | 97.1 | 'GEN514806 1-SOONER UNIT 2' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 101.3592 | 'GEN514806 1-SOONER UNIT 2' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 101.3592 | 'GEN514806 1-SOONER UNIT 2' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05764 | 95.4 | 'GEN515223 1-MUSKOGEE 4G' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05764 | 95.4 | 'GEN515225 1-MUSKOGEE 5G' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05764 | 95.8 | 'GEN515226 1-MUSKOGEE 6G' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05764 | 98.7 | 'GEN515787 1-OKLA WIND ENERGY CENTER' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05764 | 97.5 | 'GEN520922 1-SLEEPING BEAR' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05764 | 95.9 | 'GEN520947 1-HUGO1' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05764 | 105.3023 | 'GEN520997 1-MORLND2' |
| | FDNS | 04ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05764 | 95.2 | 'GEN521207 1-RHWIND1WG11 0.6900' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 99.2 | 'GEN523971 1-HARRINGTON GEN #1 24 KV' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 99.2 | 'GEN523971 1-HARRINGTON GEN #1 24 KV' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 99.2 | 'GEN523972 1-HARRINGTON GEN #2 24 KV' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 99.2 | 'GEN523972 1-HARRINGTON GEN #2 24 KV' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 99.2 | 'GEN523973 1-HARRINGTON GEN #3 24 KV' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 99.2 | 'GEN523973 1-HARRINGTON GEN #3 24 KV' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 99.4 | 'GEN525561 1-TOLK GEN #1 24 KV' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 99.4 | 'GEN525561 1-TOLK GEN #1 24 KV' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 98.8 | 'GEN525562 1-TOLK GEN #2 24 KV' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONT | COMMONNAME | RATEB | TDF | TC%LOAD | CONTNAME | |
|-----------|----------|-------|----------|--------|--------|-----------|-----------|--|-------|-----|---------|----------|--|
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 98.8 | 'GEN525562 1-TOLK GEN #2 24 KV' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 95.7 | 'GEN531447 1-HOLCOMB GENERATOR' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 95.7 | 'GEN531447 1-HOLCOMB GENERATOR' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 99.1 | 'GEN531495 1-CNTRLPLWG1 0.6900' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 99.1 | 'GEN531495 1-CNTRLPLWG1 0.6900' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 107.4943 | 'GEN532651 1-JEFFREY ENERGY CENTER UNIT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 107.4943 | 'GEN532651 1-JEFFREY ENERGY CENTER UNIT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 107.7619 | 'GEN532652 1-JEFFREY ENERGY CENTER UNIT 2' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 107.7619 | 'GEN532652 1-JEFFREY ENERGY CENTER UNIT 2' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 107.7611 | 'GEN532653 1-JEFFREY ENERGY CENTER UNIT 3' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 107.7611 | 'GEN532653 1-JEFFREY ENERGY CENTER UNIT 3' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 102.7021 | 'GEN532663 1-LAWRENCE ENERGY CENTER UNIT 5' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 102.7021 | 'GEN532663 1-LAWRENCE ENERGY CENTER UNIT 5' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 101.8657 | 'GEN532722 1-EVANS ENERGY CENTER UNIT 2' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 101.8657 | 'GEN532722 1-EVANS ENERGY CENTER UNIT 2' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 105.9923 | 'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 105.9923 | 'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 98.9 | 'GEN539670 4-JUDSON LARGE GENERATOR' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 98.9 | 'GEN539670 4-JUDSON LARGE GENERATOR' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 99.4 | 'GEN539767 1-GRAY COUNTY WIND FARM' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 99.4 | 'GEN539767 1-GRAY COUNTY WIND FARM' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 101.7829 | 'GEN541151 3-SIBLEY GENERATING UNIT #3' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 101.7829 | 'GEN541151 3-SIBLEY GENERATING UNIT #3' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 102.2047 | 'GEN542951 5-HAWTHORN UNIT #5' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 102.2047 | 'GEN542951 5-HAWTHORN UNIT #5' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 102.9266 | 'GEN542955 1-LACYGNE UNIT #1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 102.9266 | 'GEN542955 1-LACYGNE UNIT #1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 102.9225 | 'GEN542956 2-LACYGNE UNIT #2' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 102.9225 | 'GEN542956 2-LACYGNE UNIT #2' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 102.7196 | 'GEN542957 1-IATAN UNIT #1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 102.7196 | 'GEN542957 1-IATAN UNIT #1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 103.4256 | 'GEN542962 2-IATAN UNIT #2' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 103.4256 | 'GEN542962 2-IATAN UNIT #2' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 101.5288 | 'GEN546702 1-NM GEN N1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 101.5288 | 'GEN546702 1-NM GEN N1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 96.2 | 'GEN560173 1-G08-17 0.5750' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 96.2 | 'GEN560173 1-G08-17 0.5750' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 99.3 | 'GEN560279 1-G08-18 0.6900' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 99.3 | 'GEN560279 1-G08-18 0.6900' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 98.8 | 'GEN560293 1-G08-25 0.7500' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 98.8 | 'GEN560293 1-G08-25 0.7500' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 98.1 | 'GEN560339 1-G10-48 0.6900' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 98.1 | 'GEN560339 1-G10-48 0.6900' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 98.8 | 'GEN560573 1-G06-40 0.6900' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 98.8 | 'GEN560573 1-G06-40 0.6900' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 98.5 | 'GEN560606 1-G07-11 0.5750' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 98.5 | 'GEN560606 1-G07-11 0.5750' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 99 | 'GEN640009 1-COOPER NUCLEAR STATION' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 99 | 'GEN640009 1-COOPER NUCLEAR STATION' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.05362 | 95.7 | 'GEN640010 1-GERALD GENTLEMAN STATION UNIT 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | 'FROM->T' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | | 319 | 0.10928 | 95.7 | 'GEN640010 1-GERALD GENTLEMAN STATION UNIT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONT | COMMONNAME | RATEB | TDF | TC%LOAD | CONTNAME |
|-----------|------------|-------|----------|--------|--------|---------------|------|--|-------|---------|----------|---|
| | FDNS | 04ALL | | 0 | 13G | G10_045 | | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05362 | 95.8 | 'GEN640011 2-GERALD GENTLEMAN STATION UNIT 2' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10928 | 95.8 | 'GEN640011 2-GERALD GENTLEMAN STATION UNIT 2' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05362 | 99 | 'GEN641089 2-ENERGY CENTER 2' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10928 | 99 | 'GEN641089 2-ENERGY CENTER 2' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05362 | 98.7 | 'GEN645001 1-FORT CALHOUN 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10928 | 98.7 | 'GEN645001 1-FORT CALHOUN 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05362 | 98.6 | 'GEN645011 1-NEBRASKA CITY 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10928 | 98.6 | 'GEN645011 1-NEBRASKA CITY 1' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05362 | 98.4 | 'GEN645012 2-NEBRASKA CITY 2' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10928 | 98.4 | 'GEN645012 2-NEBRASKA CITY 2' |
| | FDNS | 04ALL | | 0 | 13G | G10_045 | | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05362 | 98.8 | 'GEN659111 2-LELAND OLDS UNIT2' |
| | FDNS | 04ALL | | 0 | 13G | G10_048 | | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10928 | 98.8 | 'GEN659111 2-LELAND OLDS UNIT2' |
| | FNSL | 04ALL | | 0 | 13G | G10_045 | | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05599 | 104.8628 | 'GRAND ISLAND - SWEETWATER 345KV CKT 1' |
| | FNSL | 04ALL | | 0 | 13G | G10_048 | | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.11217 | 104.8628 | 'GRAND ISLAND - SWEETWATER 345KV CKT 1' |
| | FNSL | 04ALL | | 0 | 13G | G10_045 | | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05394 | 101.415 | 'NUNDRWD - WAYSIDE 230KV CKT 1' |
| | FNSL | 04ALL | | 0 | 13G | G10_048 | | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10965 | 101.415 | 'NUNDRWD - WAYSIDE 230KV CKT 1' |
| | FNSL | 04ALL | | 0 | 13G | G10_045 | | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05392 | 102.149 | 'STEGALL - STEGALL TY 345KV CKT 1' |
| | FNSL | 04ALL | | 0 | 13G | G10_048 | | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10963 | 102.149 | 'STEGALL - STEGALL TY 345KV CKT 1' |
| | FNSL | 04ALL | | 0 | 13G | G10_045 | | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05392 | 102.1514 | 'TRF-STEGALL' |
| | FNSL | 04ALL | | 0 | 13G | G10_048 | | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10963 | 102.1514 | 'TRF-STEGALL' |
| | FNSL-CHEC | 04ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05764 | 96.1 | 'GEN336821 1-GRAND GULF UNIT' |
| | FNSL-CHEC | 04ALL | | 0 | 13G | G10_045 | | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05362 | 101.6 | 'GEN336821 1-GRAND GULF UNIT' |
| | FNSL-CHEC | 04ALL | | 0 | 13G | G10_048 | | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10928 | 101.6 | 'GEN336821 1-GRAND GULF UNIT' |
| | FNSL | 04ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05764 | 95.6 | 'GEN337910 1-ARKANSAS NUCLEAR ONE UNIT #1' |
| | FNSL | 04ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05764 | 96 | 'GEN337911 1-ARKANSAS NUCLEAR ONE UNIT #2' |
| | FNSL | 04ALL | | 0 | 13G | G10_045 | | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.05362 | 101.5103 | 'GEN337911 1-ARKANSAS NUCLEAR ONE UNIT #2' |
| | FNSL | 04ALL | | 0 | 13G | G10_048 | | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.10928 | 101.5103 | 'GEN337911 1-ARKANSAS NUCLEAR ONE UNIT #2' |
| NCONV | FNSL-Blow | 04ALL | | 0 | 13G | G10_048 | | Non-Converged Contingency | 319 | 0.07054 | 37.78442 | 'ELM CREEK - NORTHWEST MANHATTAN 230KV CKT 1' |
| NCONV | FNSL-Itera | 04ALL | | 0 | 13G | G10_041 | | Non-Converged Contingency | 0 | 0.05189 | 9999 | 'DBL-THIS-CLR' |
| NCONV | FNSL-Itera | 04ALL | | 0 | 13G | G10_051 | | Non-Converged Contingency | 0 | 0.07675 | 9999 | 'DBL-THIS-CLR' |
| NCONV | FNSL-Itera | 04ALL | | 0 | 13G | G10_045 | | Non-Converged Contingency | 0 | 0.36587 | 9999 | 'DBL-THIS-CLR' |
| NCONV | FNSL-Itera | 04ALL | | 0 | 13G | G10_048 | | Non-Converged Contingency | 0 | 0.24011 | 9999 | 'DBL-THIS-CLR' |
| NCONV | FNSL-Itera | 04ALL | | 0 | 13G | G10_041 | | Non-Converged Contingency | 0 | 0.05189 | 9999 | 'DBL-SPRVL-CL' |
| NCONV | FNSL-Itera | 04ALL | | 0 | 13G | G10_051 | | Non-Converged Contingency | 0 | 0.07675 | 9999 | 'DBL-SPRVL-CL' |
| NCONV | FNSL-Itera | 04ALL | | 0 | 13G | G10_045 | | Non-Converged Contingency | 0 | 0.36587 | 9999 | 'DBL-SPRVL-CL' |
| NCONV | FNSL-Itera | 04ALL | | 0 | 13G | G10_048 | | Non-Converged Contingency | 0 | 0.24011 | 9999 | 'DBL-SPRVL-CL' |
| ISLAND-GE | FDNS | 04NR | | 0 | 13G | G10_048 | | 'FROM->TO'JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.09569 | 98 | 'G07-11 115.00 - SYRACUSE 115KV CKT 1' |
| ISLAND-GE | FDNS | 04NR | | 0 | 13G | G10_048 | | 'FROM->TO'JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.09569 | 174.1 | 'G08-17 345.00 - SETAB 345KV CKT 1' |
| ISLAND-GE | FDNS | 04NR | | 0 | 13G | G10_048 | | 'FROM->TO'JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.09569 | 129.3 | 'ELM CREEK - MRWYP16 230KV CKT 1' |
| ISLAND-GE | FDNS | 04NR | | 0 | 13G | G10_048 | | 'FROM->TO'JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.09569 | 237.1 | 'HOLCOMB 115/22.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04NR | | 0 | 13G | G10_048 | | 'FROM->TO'JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.09569 | 173.9 | 'G08-17 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 04NR | | 0 | 13G | G10_048 | | 'FROM->TO'JUDSON LARGE 115/15.0KV TRANSFORMER CKT 1' | 187 | 0.09569 | 98 | 'G07-11 115.00 115/34.5KV TRANSFORMER CKT 1' |
| | FDNS | 04NR | | 0 | 13G | G10_048 | | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.04962 | 104.243 | 'DBL-THIS-CLR' |
| | FDNS | 04NR | | 0 | 13G | G10_048 | | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.04962 | 104.097 | 'DBL-SPRVL-CL' |
| | FDNS | 06ALL | | 0 | 13G | G10_045 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0446 | 106.3839 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 06ALL | | 0 | 13G | ASGI_2011_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04057 | 106.3839 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 06ALL | | 0 | 13G | ASGI_2010_020 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04058 | 106.3839 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 06ALL | | 0 | 13G | ASGI_2010_021 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04058 | 106.3839 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 06ALL | | 0 | 13G | G10_048 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03183 | 106.3839 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 06ALL | | 0 | 13G | G10_001 | | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.08563 | 106.3839 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME |
|-----------|------------|-------|----------|--------|--------|---------------|--|-------|---------|----------|---|
| | FDNS | 06ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03429 | 97.9 | 'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1' |
| | FDNS | 06ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06599 | 97.9 | 'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1' |
| | FDNS | 06ALL | | 0 | 13G | G10_045 | 'FROM->TO'FLATRDG3 - HARPER 138KV CKT 1' | 95.6 | 0.03983 | 102.3257 | 'DBL-WICH-THI' |
| | FDNS | 06ALL | | 0 | 13G | G10_001 | 'FROM->TO'FLATRDG3 - HARPER 138KV CKT 1' | 95.6 | 0.03694 | 102.3257 | 'DBL-WICH-THI' |
| NCONV | FNSL-Itera | 06ALL | | 0 | 13G | G10_045 | Non-Converged Contingency | 0 | 0.04232 | 9999 | 'TRF-STEGALL' |
| NCONV | FNSL-Itera | 06ALL | | 0 | 13G | G10_048 | Non-Converged Contingency | 0 | 0.04851 | 9999 | 'TRF-STEGALL' |
| NCONV | FNSL-Itera | 06ALL | | 0 | 13G | G10_048 | Non-Converged Contingency | 0 | 0.03234 | 9999 | 'NEB01WAPAB3' |
| | FDNS | 07ALL | | 0 | 13G | G10_045 | 'FROM->TO'FLATRDG3 - HARPER 138KV CKT 1' | 95.6 | 0.03921 | 113.5726 | 'DBL-WICH-THI' |
| | FDNS | 07ALL | | 0 | 13G | G10_001 | 'FROM->TO'FLATRDG3 - HARPER 138KV CKT 1' | 95.6 | 0.03632 | 113.5726 | 'DBL-WICH-THI' |
| | FDNS | 07ALL | | 0 | 13G | G10_045 | 'FROM->TO'HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.03921 | 102.4085 | 'DBL-WICH-THI' |
| | FDNS | 07ALL | | 0 | 13G | G10_001 | 'FROM->TO'HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.03632 | 102.4085 | 'DBL-WICH-THI' |
| NCONV | FNSL-Itera | 07ALL | | 0 | 13G | G10_045 | Non-Converged Contingency | 0 | 0.04219 | 9999 | 'TRF-STEGALL' |
| NCONV | FNSL-Itera | 07ALL | | 0 | 13G | G10_048 | Non-Converged Contingency | 0 | 0.04837 | 9999 | 'TRF-STEGALL' |
| NCONV | FNSL-Itera | 07ALL | | 0 | 13G | G10_048 | Non-Converged Contingency | 0 | 0.03225 | 9999 | 'NEB01WAPAB3' |
| | FDNS | 09ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03561 | 97.5 | 'DEWEY - IODINE 138KV CKT 1' |
| | FDNS | 09ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06909 | 97.5 | 'DEWEY - IODINE 138KV CKT 1' |
| | FDNS | 09ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03561 | 98.5 | 'IODINE - WOODWARD EHV 138KV CKT 1' |
| | FDNS | 09ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06909 | 98.5 | 'IODINE - WOODWARD EHV 138KV CKT 1' |
| | FDNS | 09ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04356 | 114.5185 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 09ALL | | 0 | 13G | G10_048 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0308 | 114.5185 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 09ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03954 | 114.5185 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 09ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03954 | 114.5185 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 09ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03954 | 114.5185 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 09ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0846 | 114.5185 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 09ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04356 | 97.8 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 09ALL | | 0 | 13G | G10_048 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0308 | 97.8 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 09ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03954 | 97.8 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 09ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03954 | 97.8 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 09ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03954 | 97.8 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 09ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0846 | 97.8 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 09ALL | | 0 | 13G | G10_051 | 'FROM->TO'G10-51T 230.00 - HOSKINS 230KV CKT 1' | 225 | 1 | 95.7 | 'G10-51T 230.00 - TWIN CHURCH 230KV CKT 1' |
| | FDNS | 09ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03356 | 105.0296 | 'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1' |
| | FDNS | 09ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06526 | 105.0296 | 'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 09ALL | | 0 | 13G | G10_041 | 'FROM->TO'MOORE (MOORE T1) 345/115/13.8KV TRANSFORMER CKT 1' | 336 | 0.06616 | 96.5 | 'GERALD GENTLEMAN STATION 230/23.0KV TRANSFORMER CKT 1' |
| | FDNS | 09ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04796 | 99 | 'DBL-WICH-THI' |
| | FDNS | 09ALL | | 0 | 13G | G10_048 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03038 | 99 | 'DBL-WICH-THI' |
| | FDNS | 09ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03644 | 99 | 'DBL-WICH-THI' |
| | FDNS | 09ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03644 | 99 | 'DBL-WICH-THI' |
| | FDNS | 09ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03644 | 99 | 'DBL-WICH-THI' |
| | FDNS | 09ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.07533 | 99 | 'DBL-WICH-THI' |
| | FDNS | 09ALL | | 0 | 13G | G10_045 | 'FROM->TO'FLATRDG3 - HARPER 138KV CKT 1' | 95.6 | 0.03917 | 102.6573 | 'DBL-WICH-THI' |
| | FDNS | 09ALL | | 0 | 13G | G10_001 | 'FROM->TO'FLATRDG3 - HARPER 138KV CKT 1' | 95.6 | 0.03628 | 102.6573 | 'DBL-WICH-THI' |
| NCONV | FNSL-Itera | 09ALL | | 0 | 13G | G10_045 | Non-Converged Contingency | 0 | 0.042 | 9999 | 'TRF-STEGALL' |
| NCONV | FNSL-Itera | 09ALL | | 0 | 13G | G10_048 | Non-Converged Contingency | 0 | 0.04818 | 9999 | 'TRF-STEGALL' |
| NCONV | FNSL-Itera | 09ALL | | 0 | 13G | G10_048 | Non-Converged Contingency | 0 | 0.03212 | 9999 | 'NEB01WAPAB3' |
| | FDNS | 13ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04376 | 103.7035 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 13ALL | | 0 | 13G | G10_048 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03099 | 103.7035 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME |
|-----------|------------|-----------|----------|--------|--------|---------------|--|-------|---------|----------|---|
| | FDNS | 13ALL | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03974 | 103.7035 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 13ALL | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03974 | 103.7035 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 13ALL | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03973 | 103.7035 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 13ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.08479 | 103.7035 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 13ALL | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03371 | 96.4 | 'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1' |
| | FDNS | 13ALL | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06541 | 96.4 | 'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1' |
| | FDNS | 13ALL | | 0 | 13G | G10_045 | 'FROM->TO'FLATRDG3 - HARPER 138KV CKT 1' | 95.6 | 0.03928 | 96.1 | 'DBL-WICH-THI' |
| | FDNS | 13ALL | | 0 | 13G | G10_001 | 'FROM->TO'FLATRDG3 - HARPER 138KV CKT 1' | 95.6 | 0.03639 | 96.1 | 'DBL-WICH-THI' |
| NCONV | FNSL-Itera | 13ALL | | 0 | 13G | G10_045 | Non-Converged Contingency | 0 | 0.04199 | 9999 | 'TRF-STEGALL' |
| NCONV | FNSL-Itera | 13ALL | | 0 | 13G | G10_048 | Non-Converged Contingency | 0 | 0.04818 | 9999 | 'TRF-STEGALL' |
| NCONV | FNSL-Itera | 13ALL | | 0 | 13G | G10_048 | Non-Converged Contingency | 0 | 0.03212 | 9999 | 'NEB01WAPAB3' |
| | FDNS | 00G10_001 | | 0 | 23SP | G10_001 | 'FROM->TO'HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFO | 250 | 0.03295 | 107.0083 | 'HITCHLAND INTERCHANGE - OCHILTREE 230KV CKT 1' |
| | FDNS | 00G10_001 | | 0 | 23SP | G10_001 | 'FROM->TO'HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFO | 250 | 0.03295 | 111.3232 | 'HITCHLAND INTERCHANGE - OCHILTREE 230KV CKT 1' |
| | FDNS | 00G10_001 | | 0 | 23SP | G10_001 | 'FROM->TO'HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFO | 250 | 0.03295 | 107.2008 | 'OCHILTREE (H TP80219401) 230/115/13.2KV TRANSFORMER CKT 1' |
| | FDNS | 00G10_001 | | 0 | 23SP | G10_001 | 'FROM->TO'HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFO | 250 | 0.03295 | 111.602 | 'OCHILTREE (H TP80219401) 230/115/13.2KV TRANSFORMER CKT 1' |
| | FDNS | 00G10_001 | | 0 | 23SP | G10_001 | 'FROM->TO'HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFO | 250 | 0.03539 | 102.1513 | 'SPP-SWPS-K31' |
| | FDNS | 00G10_046 | | 0 | 23SP | G10_046 | 'FROM->TO'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2' | 351 | 0.03782 | 104.9528 | 'JONES STATION - LUBBOCK SOUTH INTERCHANGE 230KV CKT 1' |
| | FDNS | 00G10_051 | | 0 | 23SP | G10_051 | 'FROM->TO'G10-51T 230.00 - TWIN CHURCH 230KV CKT 1' | 192 | 1 | 104.5287 | 'G10-51T 230.00 - HOSKINS 230KV CKT 1' |
| | FDNS | 00G10_051 | | 0 | 23SP | G10_051 | 'FROM->TO'G10-51T 230.00 - HOSKINS 230KV CKT 1' | 192 | 1 | 104.2096 | 'G10-51T 230.00 - TWIN CHURCH 230KV CKT 1' |
| | FDNS | | 0 | 0 | 23SP | G10_001 | 'FROM->TO'HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFO | 250 | 0.03283 | 103.5208 | 'HITCHLAND INTERCHANGE - OCHILTREE 230KV CKT 1' |
| | FDNS | | 0 | 0 | 23SP | G10_001 | 'FROM->TO'HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFO | 250 | 0.03283 | 107.8233 | 'HITCHLAND INTERCHANGE - OCHILTREE 230KV CKT 1' |
| | FDNS | | 0 | 0 | 23SP | G10_046 | 'FROM->TO'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2' | 351 | 0.03782 | 104.9441 | 'JONES STATION - LUBBOCK SOUTH INTERCHANGE 230KV CKT 1' |
| | FDNS | | 0 | 0 | 23SP | G10_001 | 'FROM->TO'HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFO | 250 | 0.03283 | 103.7336 | 'OCHILTREE (H TP80219401) 230/115/13.2KV TRANSFORMER CKT 1' |
| | FDNS | | 0 | 0 | 23SP | G10_001 | 'FROM->TO'HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFO | 250 | 0.03283 | 108.1067 | 'OCHILTREE (H TP80219401) 230/115/13.2KV TRANSFORMER CKT 1' |
| GSU | FDNS | | 0 | 0 | 23SP | ASGI_2011_001 | 'FROM->TO'LEA COUNTY REC-LOVINGTON INTERCHANGE 115/69KV TRANSFORME | 100 | 0.09739 | 121.5902 | 'SPP-SWPS-V98' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 136.2721 | 'BASE CASE' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.057 | 116.2822 | 'LYDIA - VALLIANT 345KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05759 | 116.1932 | 'DELAWARE - NORTHEAST STATION 345KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05595 | 112.8732 | 'CLINTON AIR FORCE BASE TAP - ELK CITY 138KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05595 | 113.0994 | 'CLINTON AIR FORCE BASE TAP - HOBART JUNCTION 138KV CKT 1' |
| INVALID | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0607 | 140.2276 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0607 | 129.1929 | 'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05579 | 112.0534 | 'CLINTON JUNCTION - ELK CITY 138KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05433 | 111.8345 | 'ELK CITY - RED HILLS WIND 138KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05703 | 116.3802 | 'WEATHERFORD JCT. - WEATHERFORD SOUTHEAST 138KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06147 | 144.3979 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06147 | 118.4585 | 'STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05879 | 123.8152 | 'HUNTERS7 345.00 - WOODRING 345KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0559 | 115.8463 | 'KNOBHILL - SALINE 69KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0559 | 116.2181 | 'HELENA TAP - SALINE 69KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04954 | 100.2097 | 'CLEO CORNER - GLASS MOUNTAIN 138KV CKT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME |
|-----------|----------|-----------|----------|--------|--------|-----------|---|-------|---------|----------|--|
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04788 | 103.0337 | 'CLEO CORNER - MEN TAP 138KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06516 | 136.4052 | 'WOODWARD - WOODWARD 69KV CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 114.4 | 'CENT 4 138.00 - WOODWARD 138KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0516 | 106.5246 | 'WOODWARD - WOODWARD EHV 138KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05619 | 115.9148 | 'WOODWARD - WOODWARD EHV 138KV CKT 2' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06898 | 144.8504 | 'DEWEY - IODINE 138KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05432 | 110.1617 | 'DEWEY - SOUTHARD 138KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05885 | 123.3016 | 'DEWEY - TALOGA 138KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.04788 | 103.9437 | 'IMO TAP - MEN TAP 138KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05719 | 116.0967 | 'ALVA - KNOBHILL 69KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05536 | 109.5718 | 'KNOBHILL - MOORELAND 138KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06898 | 145.8373 | 'IODINE - WOODWARD EHV 138KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05432 | 111.854 | 'EL RENO - ROMAN NOSE 138KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05432 | 111.2063 | 'ROMAN NOSE - SOUTHARD 138KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05838 | 122.1462 | 'CIMARRON - NORTHWEST 345KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0844 | 174.9274 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.0844 | 100.3696 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0844 | 158.6986 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06188 | 121.1109 | 'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05481 | 109.834 | 'Hitchland Interchange - WOODWARD DISTRICT EHV 345KV CKT 2' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06505 | 128.8699 | 'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06505 | 128.8699 | 'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 109.9 | 'G07-62 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03696 | 103.057 | 'BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 115.7 | 'KEENAN4 - WOODWARD EHV 138KV CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 114.1 | 'G08-29 138.00 - WOODWARD EHV 138KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06188 | 121.3013 | 'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05879 | 122.2423 | 'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 124.6 | 'FPL SWITCH - OKLA WIND ENERGY CENTER 138KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05115 | 101.1808 | 'CEDARDALE - MOORELAND 138KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05115 | 101.9021 | 'CEDARDALE - OKEENE 138KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05285 | 109.3075 | 'DOVER SW - OKEENE 138KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05734 | 120.4297 | 'FAIRVIEW - OKEENE 69KV CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 122.5 | 'FT SUPPLY - SLEEPING BEAR 138KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05614 | 113.1002 | 'MOORELAND - TALOGA 138KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05077 | 109.9649 | 'MOORELAND - NINE MILE 138KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05433 | 116.1091 | 'MOREWOOD SW - RED HILLS WIND 138KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05077 | 110.3268 | 'MOREWOOD SW - NINE MILE 138KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0566 | 116.4464 | 'OKEENE - WATONGA SW 69KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05897 | 121.2232 | 'FARGO JCT - WOODWARD 69KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05969 | 120.482 | 'CARTER JCT - WOODWARD 69KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06297 | 126.4407 | 'FINNEY SWITCHING STATION - Hitchland Interchange 345KV CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 114.3 | 'G10-14 345.00 - Hitchland Interchange 345KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.07266 | 115.2138 | 'BEAVER CO 345.00 - Hitchland Interchange 345KV CKT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME |
|-----------|----------|-----------|----------|--------|--------|-----------|--|-------|---------|----------|---|
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06147 | 141.4103 | 'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05961 | 134.3821 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| ISLAND-LO | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 115.9599 | 'Graves Sub - STATELINE INTERCHANGE 115KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06297 | 128.4814 | 'FINNEY SWITCHING STATION - HOLCOMB 345KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05855 | 121.3853 | 'POST ROCK - SPEARVILLE 345KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05878 | 121.0144 | 'MINGO - SETAB 345KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05814 | 121.5219 | 'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05906 | 121.2353 | 'BENTON - WICHITA 345KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06153 | 127.0745 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06153 | 127.0745 | 'THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 112.4 | 'BEAVER CO 345.00 - G08-47 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 116.4 | 'G07-62 345.00 - G07-62-1 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 116.4 | 'G07-62 345.00 - G07-62-2 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 116.3 | 'G07-62 345.00 - G07-62-3 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 116.3 | 'G07-62 345.00 - G07-62-4 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 114.3 | 'G10-14 345.00 345/115KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 111.8 | 'BEAVER CO 345.00 - G10-01 345.00 345KV CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 116.3 | 'G06-44 115.00 - G06-44-3 115.00 115KV CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 120.5 | '40SAGEWIND 138.00 - 4REMINGTON 138.00 138KV CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06147 | 144.3927 | 'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05552 | 125.0226 | 'WOODRING (WOODRNG2) 345/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06516 | 149.1703 | 'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05536 | 110.066 | 'KNOBHILL (KNOBHIL4) 138/69/13.2KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 120.9 | 'SOONER 138/22.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 114.1 | 'CENT 4 138.00 (CENTENNIAL) 138/34.5/9.96KV TRANSFORMER CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05284 | 111.6056 | 'WOODWARD DISTRICT EHV (WWDEHV) 345/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05285 | 110.9782 | 'WOODWARD DISTRICT EHV (WWDEHV-T2) 345/138/13.8KV TRANSFORMER CKT 2' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 115.6 | 'KEENAN4 (KEENAN1) 138/34.5/9.96KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 124.9 | 'OKLA WIND ENERGY CENTER (FPLWIND) 138/34.5/13.8KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 127.6 | 'MOORELAND 138/18.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 115.7 | 'Hitchland Interchange (PRO G2218-01) 345/115/13.8KV TRANSFORMER CKT 1' |
| ISLAND-LO | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 115.9571 | 'STATELINE INTERCHANGE (H TP80154301) 230/115/13.2KV TRANSFORMER CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06143 | 120.8514 | 'POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME |
|-----------|----------|-----------|----------|--------|--------|-----------|---|-------|---------|----------|--|
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 112 | 'TOLK STATION EAST 230/24.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 112.4 | 'G08-47 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 116.4 | 'G07-62-1 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 116.4 | 'G07-62-2 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 116.3 | 'G07-62-3 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 116.3 | 'G07-62-4 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 116.3 | 'G10-14 115.00 115/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 111.8 | 'G10-01 345.00 345/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 114.1 | 'G08-29 138.00 138/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 116.3 | 'G06-44-3 115.00 115/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 115.2 | 'SUB 3458 NEB CTY 345/18.0KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 120.5 | '40SAGEWIND 138.00 138/34.5KV TRANSFORMER CKT 1' |
| ISLAND-GE | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 116.3 | 'RAUN 345/22.0KV TRANSFORMER CKT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.07507 | 157.0262 | 'DBL-WICH-THI' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'CLEARWATER - MILAN TAP 138KV CKT 1' | 110 | 0.03594 | 119.9065 | 'DBL-WICH-THI' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'FROM->TO'FLATRDG3 - HARPER 138KV CKT 1' | 95.6 | 0.03594 | 160.5873 | 'DBL-WICH-THI' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'FROM->TO'HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.03594 | 144.5647 | 'DBL-WICH-THI' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.08716 | 159.1515 | 'DBL-THIS-WWR' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05765 | 116.7907 | 'DBL-SPRVL-CL' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.057 | 116.2757 | 'SPP-AEPW-01' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0607 | 131.7355 | 'SPP-AEPW-32' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 118.4588 | 'NC1_GEN-NEBRASKA CITY 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06079 | 128.9789 | 'SPP-SWPS-01' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06147 | 144.3979 | 'SPP-SWPS-02A' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06153 | 142.5196 | 'SPP-SWPS-03' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.06297 | 126.4858 | 'SPP-SWPS-05' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 120.578 | 'GEN509403 1-PIRKEY GENERATION' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 120.6639 | 'GEN509416 1-TURK GENERATION' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 124.2432 | 'GEN514805 1-SOONER UNIT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 121.9781 | 'GEN514806 1-SOONER UNIT 2' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 120.6915 | 'GEN515226 1-MUSKOGEE 6G' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 115.9679 | 'GEN515365 1-CENT 21 34.500' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 116.1398 | 'GEN515393 1-OGEWIND2G' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 124.0515 | 'GEN515787 1-OKLA WIND ENERGY CENTER' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 122.8058 | 'GEN520922 1-SLEEPING BEAR' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 120.8425 | 'GEN520947 1-HUGO1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 128.3866 | 'GEN520997 1-MORLND2' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 112.2059 | 'GEN523103 1-NOBLE_WND 3115.00' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 113.3245 | 'GEN523971 1-HARRINGTON GEN #1 24 KV' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 113.3211 | 'GEN523972 1-HARRINGTON GEN #2 24 KV' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 113.3269 | 'GEN523973 1-HARRINGTON GEN #3 24 KV' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 115.455 | 'GEN525494 1-PLANT X GEN #4 20 KV' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 112.0241 | 'GEN525561 1-TOLK GEN #1 24 KV' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 109.643 | 'GEN525562 1-TOLK GEN #2 24 KV' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 114.3748 | 'GEN526331 1-JONES GEN #1 22 KV' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.05747 | 114.3733 | 'GEN526332 1-JONES GEN #2 21 KV' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME | |
|-----------|----------|-----------|----------|--------|--------|-----------|--|-------|-----|----------|----------|---|
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 115.8738 | 'GEN527161 1-MUSTANG GEN #1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 115.8738 | 'GEN527162 1-MUSTANG GEN #2' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 115.3129 | 'GEN527882 1-CUNNINGHAM GEN #2 20 KV' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 115.8083 | 'GEN527901 1-HOBBS PLANT #1 (CT)' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 115.8267 | 'GEN527902 1-HOBBS PLANT #2 (CT)' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 114.5396 | 'GEN527903 1-HOBBS PLANT #3 (ST)' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 111.4949 | 'GEN531447 1-HOLCOMB GENERATOR' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 114.8008 | 'GEN532651 1-JEFFREY ENERGY CENTER UNIT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 114.8012 | 'GEN532652 1-JEFFREY ENERGY CENTER UNIT 2' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 114.8009 | 'GEN532653 1-JEFFREY ENERGY CENTER UNIT 3' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 114.2774 | 'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 115.9569 | 'GEN542957 1-IATAN UNIT #1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 115.1898 | 'GEN542962 2-IATAN UNIT #2' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 106.8646 | 'GEN560121 1-G08-47 0.5750' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 113.8125 | 'GEN560256 1-G10-14-1 0.6900' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 113.6891 | 'GEN560257 1-G10-14-2 0.6900' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 112.319 | 'GEN560286 1-G10-01-1WTG 0.6900' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 112.319 | 'GEN560287 1-G10-01-2WTG 0.6900' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 113.9841 | 'GEN560371 1-G07-46 0.6900' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 114.5272 | 'GEN560429 1-G08-29 0.6400' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 115.062 | 'GEN560585 1-G06-44-2 0.6000' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 113.6307 | 'GEN560586 1-G06-44-3 0.6000' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 114.4892 | 'GEN640009 1-COOPER NUCLEAR STATION' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 114.4275 | 'GEN640010 1-GERALD GENTLEMAN STATION UNIT 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 114.5258 | 'GEN640011 2-GERALD GENTLEMAN STATION UNIT 2' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 115.7736 | 'GEN645001 1-FORT CALHOUN 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 115.1881 | 'GEN645011 1-NEBRASKA CITY 1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 114.8496 | 'GEN645012 2-NEBRASKA CITY 2' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 115.8445 | 'GEN659103 1-ANTELOPE VALLEY UNIT1' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 115.8445 | 'GEN659107 2-ANTELOPE VALLEY UNIT2' |
| | FDNS | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 112.5119 | 'GEN659118 1-LARAMIE RIVER UNIT1' |
| | FNSL | 02G10_001 | | 0 | 13G | G10_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.05747 | 120.5743 | 'GEN337911 1-ARKANSAS NUCLEAR ONE UNIT #2' |
| INVALID | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03047 | 120.8464 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03047 | 110.686 | 'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03096 | 122.7612 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03096 | 105.9784 | 'STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03321 | 114.5319 | 'HUNTERS7 345.00 - WOODRING 345KV CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03354 | 122.1719 | 'WOODWARD - WOODWARD 69KV CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03559 | 129.1279 | 'DEWEY - IODINE 138KV CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03019 | 110.7346 | 'DEWEY - TALOGA 138KV CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03559 | 130.1538 | 'IODINE - WOODWARD EHV 138KV CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03008 | 109.6563 | 'CIMARRON - NORTHWEST 345KV CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.04352 | 153.3655 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.04352 | 136.8876 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03294 | 112.2127 | 'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03294 | 112.4054 | 'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03321 | 112.8973 | 'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | | 153 | 0.03034 | 108.3839 | 'FARGO JCT - WOODWARD 69KV CKT 1' |

| EVENTTYPE | SOLUTION | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONTCOMMONNAME | RATEB | TDF | TC%LOADI | CONTNAME |
|-----------|------------|---------------|----------|--------|--------|---------------|---|-------|---------|----------|---|
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03096 | 119.9047 | 'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03032 | 116.9314 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03218 | 111.7541 | 'POST ROCK - SPEARVILLE 345KV CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'MULLERGREN - SPEARVILLE 230KV CKT 1' | 355.3 | 0.10668 | 105.1709 | 'POST ROCK - SPEARVILLE 345KV CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03107 | 108.7253 | 'AXTELL - POST ROCK 345KV CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03025 | 108.0864 | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03207 | 109.5042 | 'MINGO - SETAB 345KV CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03233 | 109.3016 | 'MINGO - RED WILLOW 345KV CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03165 | 109.7169 | 'BENTON - WICHITA 345KV CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03321 | 109.493 | 'VIOLA 7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03379 | 116.359 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03379 | 116.359 | 'THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03032 | 108.1133 | 'MULLERGREN - SPEARVILLE 230KV CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03096 | 122.7502 | 'ELK CITY 230KV (ELCKTY-6) 230/138/13.8KV TRANSFORMER CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03354 | 134.7375 | 'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03261 | 110.0835 | 'POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03047 | 113.1695 | 'SPP-AEPW-32' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03057 | 110.854 | 'SPP-SWPS-01' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03096 | 122.7612 | 'SPP-SWPS-02A' |
| | FDNS | 03G10_045 | | 0 | 13G | G10_045 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03098 | 120.8046 | 'SPP-SWPS-03' |
| NCONV | FNSL-Itera | 03G10_045 | | 0 | 13G | G10_045 | Non-Converged Contingency | 0 | 0.25261 | 9999 | 'DBL-WICH-THI' |
| NCONV | FNSL-Itera | 03G10_045 | | 0 | 13G | G10_045 | Non-Converged Contingency | 0 | 0.36463 | 9999 | 'DBL-THIS-CLR' |
| NCONV | FNSL-Itera | 03G10_045 | | 0 | 13G | G10_045 | Non-Converged Contingency | 0 | 0.36463 | 9999 | 'DBL-SPRVL-CL' |
| NCONV | FNSL-Itera | 03G10_045 | | 0 | 13G | G10_045 | Non-Converged Contingency | 0 | 0.2418 | 9999 | 'SPP-SWPS-05' |
| | FDNS | 04G10_048 | | 0 | 13G | G10_048 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03098 | 123.5945 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 04G10_048 | | 0 | 13G | G10_048 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03098 | 106.9495 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 04G10_048 | | 0 | 13G | G10_048 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03049 | 111.4805 | 'DBL-WICH-THI' |
| | FDNS | 04G10_048 | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.13918 | 104.2711 | 'DBL-THIS-CLR' |
| | FDNS | 04G10_048 | | 0 | 13G | G10_048 | 'FROM->TO'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.13918 | 104.1251 | 'DBL-SPRVL-CL' |
| | FDNS | 06ASGI_10_020 | | 0 | 13G | ASGI_2010_020 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03959 | 113.5607 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 06ASGI_10_021 | | 0 | 13G | ASGI_2010_021 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03959 | 113.4823 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 06ASGI_11_001 | | 0 | 13G | ASGI_2011_001 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03959 | 113.5366 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 06G10_046 | | 0 | 13G | G10_046 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03883 | 115.0274 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 06G10_046 | | 0 | 13G | G10_046 | 'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03608 | 101.0884 | 'DBL-WICH-THI' |

I: Category “C” Contingency Analysis

See Next page

| EVENTTYPE | SOLUTIONTYPE | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONITORED ELEMENT | RATEB | | TC%LOADING | |
|-----------|---------------|-------------------|----------|--------|-------------------|-----------|---|-------|--------|------------|-------------|
| | | | | | | | | (MVA) | TDF | (%MVA) | CONTINGENCY |
| NCONV | FNSL-Blown up | 0 | 1 | 18SP | ASGI_201 0_020 | | 'CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1 &CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1' | 0 | 0.1922 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 0 | 1 | 23SP | ASGI_201 0_020 | | 'CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1 &CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1' | 0 | 0.1149 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 00ASGI_10_0 20 | 1 | 18SP | ASGI_201 0_020 | | 'CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1 &CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1' | 0 | 0.1922 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 00ASGI_10_0 20 | 1 | 23SP | ASGI_201 0_020 | | 'CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1 &CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1' | 0 | 0.1149 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 0 | 1 | 18WP | ASGI_201 0_020 | | 'HITCHLAND INTERCHANGE - OCHILTREE 230KV CKT 1 &HITCHLAND INTERCHANGE 0 - MOORE COUNTY INTERCHANGE 230KV CKT 1' | 0 | 0.054 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 0 | 1 | 18SP | ASGI_201 0_021 | | 'CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1 &CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1' | 0 | 0.1952 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 0 | 1 | 23SP | ASGI_201 0_021 | | 'CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1 &CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1' | 0 | 0.1159 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 00ASGI_10_0 21 | 1 | 18SP | ASGI_201 0_021 | | 'CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1 &CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1' | 0 | 0.1952 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 00ASGI_10_0 21 | 1 | 23SP | ASGI_201 0_021 | | 'CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1 &CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1' | 0 | 0.1159 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 00ASGI_10_0 21 | 1 | 13WP | ASGI_201 0_021 | | 'HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1 &MOORE COUNTY INTERCHANGE - POTTER COUNTY INTERCHANGE 230KV CKT 1' | 0 | 0.1379 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 0 | 1 | 18WP | ASGI_201 0_021 | | 'HITCHLAND INTERCHANGE - OCHILTREE 230KV CKT 1 &HITCHLAND INTERCHANGE 0 - MOORE COUNTY INTERCHANGE 230KV CKT 1' | 0 | 0.0541 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 00ASGI_10_0 21 | 1 | 13WP | ASGI_201 0_021 | | 'HITCHLAND INTERCHANGE - OCHILTREE 230KV CKT 1 &HITCHLAND INTERCHANGE 0 - MOORE COUNTY INTERCHANGE 230KV CKT 1' | 0 | 0.057 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 00ASGI_11_0 01 | 1 | 18WP | ASGI_201 1_001 | | 'CHAN/TASCOS6230.00 - POTTER COUNTY INTERCHANGE 230KV CKT 1 &POTTER 0 COUNTY INTERCHANGE - S-RANDLCO 230.00 230KV CKT 1' | 0 | 0.1282 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 0 | 1 | 18SP | ASGI_201 1_001 | | 'CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1 &CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1' | 0 | 0.1891 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 0 | 1 | 23SP | ASGI_201 1_001 | | 'CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1 &CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1' | 0 | 0.1138 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 00ASGI_11_0 01 | 1 | 18SP | ASGI_201 1_001 | | 'CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1 &CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1' | 0 | 0.1891 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 00ASGI_11_0 01 | 1 | 23SP | ASGI_201 1_001 | | 'CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1 &CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1' | 0 | 0.1138 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 0 | 1 | 18WP | ASGI_201 1_001 | | 'HITCHLAND INTERCHANGE - OCHILTREE 230KV CKT 1 &HITCHLAND INTERCHANGE 0 - MOORE COUNTY INTERCHANGE 230KV CKT 1' | 0 | 0.054 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 0 | 1 | 13SP | G10_001 | | 'BUSHLAND INTERCHANGE - POTTER COUNTY INTERCHANGE 230KV CKT 1 &BUFFALO 230.00 - BUSHLAND INTERCHANGE 230KV CKT 1' | 0 | 0.0676 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 0 | 1 | 13SP | G10_001 | | 'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 0 230KV CKT 1' | 0 | 0.0318 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 0 | 1 | 13WP | G10_001 | | 'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 0 230KV CKT 1' | 0 | 0.0322 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 00G10_001 | 1 | 13SP | G10_001 | | 'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 0 230KV CKT 1' | 0 | 0.0316 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 00G10_001 | 1 | 13WP | G10_001 | | 'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 0 230KV CKT 1' | 0 | 0.032 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 00G10_001 | 1 | 18WP | G10_001 | | 'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 0 230KV CKT 1' | 0 | 0.0321 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 02G10_001 | 1 | 13G | G10_001 | | 'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 0 230KV CKT 1' | 0 | 0.0355 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 0 | 1 | 13SP | G10_036 | | 'BUSHLAND INTERCHANGE - POTTER COUNTY INTERCHANGE 230KV CKT 1 &BUFFALO 230.00 - BUSHLAND INTERCHANGE 230KV CKT 1' | 0 | 0.0374 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 00G10_036 | 1 | 13SP | G10_036 | | 'BUSHLAND INTERCHANGE - POTTER COUNTY INTERCHANGE 230KV CKT 1 &BUFFALO 230.00 - BUSHLAND INTERCHANGE 230KV CKT 1' | 0 | 0.0374 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 0 | 1 | 13SP | G10_041 | | 'BUSHLAND INTERCHANGE - POTTER COUNTY INTERCHANGE 230KV CKT 1 &BUFFALO 230.00 - BUSHLAND INTERCHANGE 230KV CKT 1' | 0 | 0.0384 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 0 | 1 | 23SP | G10_041 | | 'KCPL-C3' | 0 | 0.1127 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 00G10_041 | 1 | 18SP | G10_041 | | 'KCPL-C3' | 0 | 0.1197 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 00G10_041 | 1 | 23SP | G10_041 | | 'KCPL-C3' | 0 | 0.1127 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 03G10_045 | 1 | 13G | G10_045 | | 'BUCKNER7 345.00 - G07-40 345.00 345KV CKT 1 &BUCKNER7 345.00 - G10- 0 45 345.00 345KV CKT 1' | 0 | 1 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 03NR | 1 | 13G | G10_045 | | 'BUCKNER7 345.00 - G07-40 345.00 345KV CKT 1 &BUCKNER7 345.00 - G10- 0 45 345.00 345KV CKT 1' | 0 | 1 | 9999 | 'BASE CASE' |
| NCONV | FNSL-Blown up | 00G10_045 | 1 | 13WP | G10_045 | | 'BUCKNER7 345.00 - HOLCOMB 345KV CKT 1 &BUCKNER7 345.00 - SPEARVILLE 0 345KV CKT 1' | 0 | 1 | 9999 | 'BASE CASE' |

| EVENTTYPE | SOLUTIONTYPE | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONITORED ELEMENT | RATEB | | TC%LOADING | | CONTINGENCY |
|-----------|-------------------------------|-----------|----------|--------|--------|-----------|---|-------|--------|------------|-------------|-------------|
| | | | | | | | | (MVA) | TDF | (%MVA) | | |
| NCONV | FNSL-Blown up | 00G10_045 | | 1 | 18WP | G10_045 | 'BUCKNER7 345.00 - HOLCOMB 345KV CKT 1 &BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1' | 0 | 1 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 03NR | | 1 | 13G | G10_045 | 'BUCKNER7 345.00 - HOLCOMB 345KV CKT 1 &BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1' | 0 | 1 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 0 | | 1 | 13SP | G10_045 | 'BUSHLAND INTERCHANGE - POTTER COUNTY INTERCHANGE 230KV CKT 1 &BUFFALO 230.00 - BUSHLAND INTERCHANGE 230KV CKT 1' | 0 | 0.0551 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 03G10_045 | | 1 | 13G | G10_045 | 'CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 1 &CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 2' | 0 | 0.3646 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 03G10_045 | | 1 | 13G | G10_045 | 'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &G08-92 230.00 - KNOLL 230 230KV CKT 1' | 0 | 0.0534 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00G10_045 | | 1 | 13SP | G10_045 | 'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMKYP1 6 230.00 - SMOKYHL6 230.00 230KV CKT 1' | 0 | 0.0502 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 03G10_045 | | 1 | 13G | G10_045 | 'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMKYP2 6 230.00 - SMOKYHL6 230.00 230KV CKT 1' | 0 | 0.0534 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 0 | | 1 | 13SP | G10_045 | 'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.1006 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 0 | | 1 | 13WP | G10_045 | 'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.1033 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00G10_045 | | 1 | 13SP | G10_045 | 'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.1004 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00G10_045 | | 1 | 13WP | G10_045 | 'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.1032 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00G10_045 | | 1 | 18WP | G10_045 | 'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.1009 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 03G10_045 | | 1 | 13G | G10_045 | 'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.1067 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 0 | | 1 | 13SP | G10_045 | 'SMKYP1 6 230.00 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.0503 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00G10_045 | | 1 | 13SP | G10_045 | 'SMKYP1 6 230.00 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.0502 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Singular jacobian or 0.0 | 0 | | 1 | 13SP | G10_046 | 'CARLISLE INTERCHANGE - LUBBOCK POWER & LIGHT-MILWAUKEE 230KV CKT 1 &CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1' | 0 | 0.0382 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 0 | | 1 | 13WP | G10_046 | 'CARLISLE INTERCHANGE - LUBBOCK POWER & LIGHT-MILWAUKEE 230KV CKT 1 &CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1' | 0 | 0.035 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Singular jacobian or 0.0 | 0 | | 1 | 18SP | G10_046 | 'CARLISLE INTERCHANGE - LUBBOCK POWER & LIGHT-MILWAUKEE 230KV CKT 1 &CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1' | 0 | 0.0368 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 0 | | 1 | 18WP | G10_046 | 'CARLISLE INTERCHANGE - LUBBOCK POWER & LIGHT-MILWAUKEE 230KV CKT 1 &CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1' | 0 | 0.0381 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Singular jacobian or 0.0 | 0 | | 1 | 23SP | G10_046 | 'CARLISLE INTERCHANGE - LUBBOCK POWER & LIGHT-MILWAUKEE 230KV CKT 1 &CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1' | 0 | 0.0337 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00G10_046 | | 1 | 13SP | G10_046 | 'CARLISLE INTERCHANGE - LUBBOCK POWER & LIGHT-MILWAUKEE 230KV CKT 1 &CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1' | 0 | 0.0382 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00G10_046 | | 1 | 13WP | G10_046 | 'CARLISLE INTERCHANGE - LUBBOCK POWER & LIGHT-MILWAUKEE 230KV CKT 1 &CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1' | 0 | 0.035 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Singular jacobian or 0.0 | 00G10_046 | | 1 | 18SP | G10_046 | 'CARLISLE INTERCHANGE - LUBBOCK POWER & LIGHT-MILWAUKEE 230KV CKT 1 &CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1' | 0 | 0.0368 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Singular jacobian or 0.0 | 00G10_046 | | 1 | 18WP | G10_046 | 'CARLISLE INTERCHANGE - LUBBOCK POWER & LIGHT-MILWAUKEE 230KV CKT 1 &CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1' | 0 | 0.0381 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Singular jacobian or 0.0 | 00G10_046 | | 1 | 23SP | G10_046 | 'CARLISLE INTERCHANGE - LUBBOCK POWER & LIGHT-MILWAUKEE 230KV CKT 1 &CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1' | 0 | 0.0337 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 0 | | 1 | 18WP | G10_046 | 'HITCHLAND INTERCHANGE - OCHILTREE 230KV CKT 1 &HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1' | 0 | 0.0429 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 0 | | 1 | 13SP | G10_048 | 'BUSHLAND INTERCHANGE - POTTER COUNTY INTERCHANGE 230KV CKT 1 &BUFFALO 230.00 - BUSHLAND INTERCHANGE 230KV CKT 1' | 0 | 0.0475 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 04G10_048 | | 1 | 13G | G10_048 | 'HAYS WIND - SOUTH HAYS 230KV CKT 1 &MULLERGREN - SOUTH HAYS 230KV CKT 1' | 0 | 0.1193 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 04NR | | 1 | 13G | G10_048 | 'HAYS WIND - SOUTH HAYS 230KV CKT 1 &MULLERGREN - SOUTH HAYS 230KV CKT 1' | 0 | 0.1216 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 0 | | 1 | 18SP | G10_048 | 'HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 &JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1' | 0 | 0.0478 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 0 | | 1 | 23SP | G10_048 | 'HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 &JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1' | 0 | 0.0473 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00G10_048 | | 1 | 13WP | G10_048 | 'HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 &JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1' | 0 | 0.0414 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00G10_048 | | 1 | 18SP | G10_048 | 'HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 &JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1' | 0 | 0.0478 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00G10_048 | | 1 | 23SP | G10_048 | 'HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 &JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1' | 0 | 0.0473 | 9999 | 'BASE CASE' | |

| EVENTTYPE | SOLUTIONTYPE | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONITORED ELEMENT | RATEB | | TC%LOADING | | CONTINGENCY |
|-----------|---------------|-----------|----------|--------|--------|-----------|---|-------|--------|------------|-------------|-------------|
| | | | | | | | | (MVA) | TDF | (%MVA) | | |
| NCONV | FNSL-Blown up | 04G10_048 | | 1 | 13G | G10_048 | 'KNOLL 230 - POSTROCK6 230KV CKT 1 &G08-92 230.00 - KNOLL 230 230KV CKT 1' | 0 | 0.3024 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 04NR | | 1 | 13G | G10_048 | 'KNOLL 230 - POSTROCK6 230KV CKT 1 &G08-92 230.00 - KNOLL 230 230KV CKT 1' | 0 | 0.3484 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 04G10_048 | | 1 | 13G | G10_048 | 'KNOLL 230 - SMOKYHL6 230KV CKT 1 &G08-92 230.00 - KNOLL 230 230KV CKT 1' | 0 | 0.1094 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 04NR | | 1 | 13G | G10_048 | 'KNOLL 230 - SMOKYHL6 230KV CKT 1 &G08-92 230.00 - KNOLL 230 230KV CKT 1' | 0 | 0.0587 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00G10_048 | | 1 | 13SP | G10_048 | 'KNOLL 230 - SMOKYHL6 230KV CKT 1 &SMKYP1 6 230.00 - SMOKYHL6 230KV CKT 1' | 0 | 0.1013 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00G10_048 | | 1 | 13WP | G10_048 | 'KNOLL 230 - SMOKYHL6 230KV CKT 1 &SMKYP1 6 230.00 - SMOKYHL6 230KV CKT 1' | 0 | 0.1073 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 04G10_048 | | 1 | 13G | G10_048 | 'KNOLL 230 - SMOKYHL6 230KV CKT 1 &SMKYP1 6 230.00 - SMOKYHL6 230KV CKT 1' | 0 | 0.1094 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 04NR | | 1 | 13G | G10_048 | 'KNOLL 230 - SMOKYHL6 230KV CKT 1 &SMKYP1 6 230.00 - SMOKYHL6 230KV CKT 1' | 0 | 0.0587 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 04G10_048 | | 1 | 13G | G10_048 | 'KNOLL 230 - SMOKYHL6 230KV CKT 1 &SMKYP2 6 230.00 - SMOKYHL6 230KV CKT 1' | 0 | 0.1094 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 04NR | | 1 | 13G | G10_048 | 'KNOLL 230 - SMOKYHL6 230KV CKT 1 &SMKYP2 6 230.00 - SMOKYHL6 230KV CKT 1' | 0 | 0.0587 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 0 | | 1 | 13SP | G10_048 | 'KNOLL 230 - SMOKYHL6 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.2026 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 0 | | 1 | 13WP | G10_048 | 'KNOLL 230 - SMOKYHL6 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.2147 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00G10_048 | | 1 | 13SP | G10_048 | 'KNOLL 230 - SMOKYHL6 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.2026 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00G10_048 | | 1 | 13WP | G10_048 | 'KNOLL 230 - SMOKYHL6 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.2147 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00G10_048 | | 1 | 18WP | G10_048 | 'KNOLL 230 - SMOKYHL6 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.2031 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00NR | | 1 | 13SP | G10_048 | 'KNOLL 230 - SMOKYHL6 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.1081 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00NR | | 1 | 13WP | G10_048 | 'KNOLL 230 - SMOKYHL6 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.1174 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00NR | | 1 | 18WP | G10_048 | 'KNOLL 230 - SMOKYHL6 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.1082 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 04G10_048 | | 1 | 13G | G10_048 | 'KNOLL 230 - SMOKYHL6 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.2187 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 04NR | | 1 | 13G | G10_048 | 'KNOLL 230 - SMOKYHL6 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.1174 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00G10_048 | | 1 | 18SP | G10_048 | 'MIDW-CATC02' | 0 | 1.1417 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00G10_048 | | 1 | 23SP | G10_048 | 'MIDW-CATC02' | 0 | 1.1414 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00NR | | 1 | 13SP | G10_048 | 'MIDW-CATC02' | 0 | 1.14 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00NR | | 1 | 18SP | G10_048 | 'MIDW-CATC02' | 0 | 1.1428 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00NR | | 1 | 18WP | G10_048 | 'MIDW-CATC02' | 0 | 1.14 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00NR | | 1 | 23SP | G10_048 | 'MIDW-CATC02' | 0 | 1.1423 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 04G10_048 | | 1 | 13G | G10_048 | 'MIDW-CATC02' | 0 | 1.1393 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 04NR | | 1 | 13G | G10_048 | 'MIDW-CATC02' | 0 | 1.1359 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 04G10_048 | | 1 | 13G | G10_048 | 'MULLERGREN - SOUTH HAYS 230KV CKT 1 &G09-08 230.00 - SOUTH HAYS 230KV CKT 1' | 0 | 0.1193 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 04NR | | 1 | 13G | G10_048 | 'MULLERGREN - SOUTH HAYS 230KV CKT 1 &G09-08 230.00 - SOUTH HAYS 230KV CKT 1' | 0 | 0.1216 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 04G10_048 | | 1 | 13G | G10_048 | 'POSTROCK6 230.00 - SOUTH HAYS 230KV CKT 1 &G09-08 230.00 - SOUTH HAYS 230KV CKT 1' | 0 | 0.054 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 04NR | | 1 | 13G | G10_048 | 'POSTROCK6 230.00 - SOUTH HAYS 230KV CKT 1 &G09-08 230.00 - SOUTH HAYS 230KV CKT 1' | 0 | 0.0505 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 04G10_048 | | 1 | 13G | G10_048 | 'POSTROCK6 230.00 - SOUTH HAYS 230KV CKT 1 &HAYS WIND - SOUTH HAYS 230KV CKT 1' | 0 | 0.054 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 04NR | | 1 | 13G | G10_048 | 'POSTROCK6 230.00 - SOUTH HAYS 230KV CKT 1 &HAYS WIND - SOUTH HAYS 230KV CKT 1' | 0 | 0.0505 | 9999 | 'BASE CASE' | |

| EVENTTYPE | SOLUTIONTYPE | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONITORED ELEMENT | RATEB | | TC%LOADING | | CONTINGENCY |
|-----------|---------------|---------------|----------|--------|----------------|------------|---|-------|--------|------------|---|-------------|
| | | | | | | | | (MVA) | TDF | (%MVA) | | |
| NCONV | FNSL-Blown up | 0 | 1 | 13SP | G10_048 | | 'SMKYP1 6 230.00 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.1013 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00G10_048 | 1 | 13SP | G10_048 | | 'SMKYP1 6 230.00 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.1013 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00G10_048 | 1 | 13WP | G10_048 | | 'SMKYP1 6 230.00 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.1073 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00G10_048 | 1 | 18WP | G10_048 | | 'SMKYP1 6 230.00 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.1015 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00NR | 1 | 13SP | G10_048 | | 'SMKYP1 6 230.00 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.0541 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 04G10_048 | 1 | 13G | G10_048 | | 'SMKYP1 6 230.00 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.1094 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 04NR | 1 | 13G | G10_048 | | 'SMKYP1 6 230.00 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.0587 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 04G10_048 | 1 | 13G | G10_048 | | 'SMKYP2 6 230.00 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.1094 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 04NR | 1 | 13G | G10_048 | | 'SMKYP2 6 230.00 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.0587 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 0 | 1 | 13SP | G10_051 | | 'BUSHLAND INTERCHANGE - POTTER COUNTY INTERCHANGE 230KV CKT 1 &BUFFALO 230.00 - BUSHLAND INTERCHANGE 230KV CKT 1' | 0 | 0.0387 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 0 | 1 | 23SP | G10_051 | | 'KCPL-C3' | 0 | 0.1696 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00G10_051 | 1 | 18SP | G10_051 | | 'KCPL-C3' | 0 | 0.1821 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00G10_051 | 1 | 23SP | G10_051 | | 'KCPL-C3' | 0 | 0.1696 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 0 | 1 | 13WP | G10_051 | | 'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.0341 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 00G10_051 | 1 | 13WP | G10_051 | | 'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.0341 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 09G10_051 | 1 | 13G | G10_051 | | 'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 0 | 0.038 | 9999 | 'BASE CASE' | |
| NCONV | FNSL-Blown up | 09G10_051 | 1 | 13G | G10_051 | | 'MIDW-CATD02B' | 0 | 0.0447 | 9999 | 'BASE CASE' | |
| | FDNS | 00ASGI_10_020 | 1 | 18SP | ASGI_201_0_020 | 'FROM->TO' | 'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1' | 351 | 0.125 | 103.2246 | 'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - SEMINOLE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201_0_020 | 'FROM->TO' | 'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1' | 351 | 0.125 | 102.2123 | 'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - SEMINOLE 230KV CKT 1' | |
| | FDNS | 00ASGI_10_020 | 1 | 18SP | ASGI_201_0_020 | 'TO->FROM' | 'BAILEY COUNTY REC-EARTH INTERCHANGE - PLANT X STATION 115KV CKT 1' | 160 | 0.0351 | 106.1165 | 'DEAF SMITH COUNTY INTERCHANGE - PLANT X STATION 230KV CKT 1 &BUFFALO 230.00 - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201_0_020 | 'TO->FROM' | 'BAILEY COUNTY REC-EARTH INTERCHANGE - PLANT X STATION 115KV CKT 1' | 160 | 0.0351 | 105.5539 | 'DEAF SMITH COUNTY INTERCHANGE - PLANT X STATION 230KV CKT 1 &BUFFALO 230.00 - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_10_020 | 1 | 18SP | ASGI_201_0_020 | 'FROM->TO' | 'CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1' | 351 | 0.0332 | 108.9743 | 'EDDY COUNTY INTERCHANGE - EDDY_NORTH 6230.00 230KV CKT 1 &CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201_0_020 | 'FROM->TO' | 'CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1' | 351 | 0.0332 | 108.5496 | 'EDDY COUNTY INTERCHANGE - EDDY_NORTH 6230.00 230KV CKT 1 &CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_10_020 | 1 | 18SP | ASGI_201_0_020 | 'FROM->TO' | 'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1' | 160 | 0.1471 | 143.5488 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201_0_020 | 'FROM->TO' | 'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1' | 160 | 0.1471 | 141.0479 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_10_020 | 1 | 18SP | ASGI_201_0_020 | 'FROM->TO' | 'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1' | 160 | 0.1471 | 134.1214 | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201_0_020 | 'FROM->TO' | 'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1' | 160 | 0.1471 | 131.7184 | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_10_020 | 1 | 23SP | ASGI_201_0_020 | 'FROM->TO' | 'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1' | 160 | 0.133 | 128.1837 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 23SP | ASGI_201_0_020 | 'FROM->TO' | 'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1' | 160 | 0.133 | 125.9176 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_10_020 | 1 | 23SP | ASGI_201_0_020 | 'FROM->TO' | 'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1' | 160 | 0.133 | 119.1964 | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 23SP | ASGI_201_0_020 | 'FROM->TO' | 'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1' | 160 | 0.133 | 116.9388 | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_10_020 | 1 | 18SP | ASGI_201_0_020 | 'FROM->TO' | 'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.1471 | 135.0857 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201_0_020 | 'FROM->TO' | 'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.1471 | 132.5929 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_10_020 | 1 | 18SP | ASGI_201_0_020 | 'FROM->TO' | 'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.1471 | 125.6321 | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |

| EVENTTYPE | SOLUTIONTYPE | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONITORED ELEMENT | RATEB | | TC%LOADING | | CONTINGENCY |
|-----------|--------------|-------------------|----------|--------|-------------------|------------|---|-------|--------|------------|---|-------------|
| | | | | | | | | (MVA) | TDF | (%MVA) | | |
| | FDNS | 0 | 1 | 18SP | ASGI_201 0_020 | 'FROM->TO' | 'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.1471 | 123.1879 | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 & MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_10_0 20 | 1 | 23SP | ASGI_201 0_020 | 'FROM->TO' | 'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.133 | 120.6448 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 & MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 23SP | ASGI_201 0_020 | 'FROM->TO' | 'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.133 | 118.3775 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 & MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_10_0 20 | 1 | 23SP | ASGI_201 0_020 | 'FROM->TO' | 'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.133 | 111.6003 | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 & MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 23SP | ASGI_201 0_020 | 'FROM->TO' | 'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.133 | 109.3386 | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 & MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 06ASGI_10_0 20 | 1 | 13G | ASGI_201 0_020 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0394 | 115.1974 | 'NORTHWEST - SPRING CREEK 345KV CKT 1 & NORTHWEST - TATONGA7 345.00 345KV CKT 1' | |
| | FDNS | 06ASGI_10_0 20 | 1 | 13G | ASGI_201 0_020 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0395 | 113.938 | 'ARCADIA - NORTHWEST 345KV CKT 1 & NORTHWEST - TATONGA7 345.00 345KV CKT 1' | |
| | FDNS | 06ASGI_10_0 20 | 1 | 13G | ASGI_201 0_020 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0394 | 113.7459 | 'CIMARRON - NORTHWEST 345KV CKT 1 & NORTHWEST - TATONGA7 345.00 345KV CKT 1' | |
| | FDNS | 06ASGI_10_0 20 | 1 | 13G | ASGI_201 0_020 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0396 | 110.1989 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1 & G07-21 345.00 - TATONGA7 345.00 345KV CKT 1' | |
| | FDNS | 06ASGI_10_0 20 | 1 | 13G | ASGI_201 0_020 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0396 | 109.8394 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1 & CRSRDSW7 345.00 - TATONGA7 345.00 345KV CKT 1' | |
| | FDNS | 06ASGI_10_0 20 | 1 | 13G | ASGI_201 0_020 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0396 | 108.7022 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1 & G08-19 345.00 - TATONGA7 345.00 345KV CKT 1' | |
| | FDNS | 06ASGI_10_0 20 | 1 | 13G | ASGI_201 0_020 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0502 | 107.5069 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 & THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' | |
| | FDNS | 06ASGI_10_0 20 | 1 | 13G | ASGI_201 0_020 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0502 | 107.5069 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 & THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2' | |
| | FDNS | 00ASGI_10_0 20 | 1 | 13WP | ASGI_201 0_020 | 'FROM->TO' | 'HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.031 | 102.2909 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2' | |
| | FDNS | 0 | 1 | 13WP | ASGI_201 0_020 | 'FROM->TO' | 'HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.031 | 101.3288 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2' | |
| | FDNS | 00ASGI_10_0 20 | 1 | 18SP | ASGI_201 0_020 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.034 | 133.3273 | 'Jones Station Bus#2 - LUBBOCK POWER & LIGHT-HOLLY PLANT 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201 0_020 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.034 | 132.9806 | 'Jones Station Bus#2 - LUBBOCK POWER & LIGHT-HOLLY PLANT 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_10_0 20 | 1 | 18SP | ASGI_201 0_020 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0333 | 127.6322 | 'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1 & JONES STATION - Jones Station Bus#2 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201 0_020 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0333 | 127.2856 | 'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1 & JONES STATION - Jones Station Bus#2 230KV CKT 1' | |
| | FDNS | 00ASGI_10_0 20 | 1 | 18SP | ASGI_201 0_020 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0348 | 123.9907 | 'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201 0_020 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0348 | 123.7685 | 'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_10_0 20 | 1 | 18SP | ASGI_201 0_020 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.034 | 123.1026 | 'Jones Station Bus#2 - LUBBOCK POWER & LIGHT-HOLLY PLANT 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201 0_020 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.034 | 122.7861 | 'Jones Station Bus#2 - LUBBOCK POWER & LIGHT-HOLLY PLANT 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_10_0 20 | 1 | 18SP | ASGI_201 0_020 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0333 | 117.845 | 'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1 & JONES STATION - Jones Station Bus#2 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201 0_020 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0333 | 117.5276 | 'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1 & JONES STATION - Jones Station Bus#2 230KV CKT 1' | |
| | FDNS | 00ASGI_10_0 20 | 1 | 18SP | ASGI_201 0_020 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0348 | 114.2223 | 'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201 0_020 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0348 | 114.0047 | 'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_10_0 20 | 1 | 18SP | ASGI_201 0_020 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.034 | 109.6462 | 'LUBBOCK EAST INTERCHANGE - LUBBOCK POWER & LIGHT-WADSWORTH 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201 0_020 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.034 | 109.3186 | 'LUBBOCK EAST INTERCHANGE - LUBBOCK POWER & LIGHT-WADSWORTH 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_10_0 20 | 1 | 18SP | ASGI_201 0_020 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.034 | 103.4839 | 'LUBBOCK EAST INTERCHANGE - LUBBOCK POWER & LIGHT-WADSWORTH 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201 0_020 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.034 | 103.1707 | 'LUBBOCK EAST INTERCHANGE - LUBBOCK POWER & LIGHT-WADSWORTH 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_10_0 20 | 1 | 18SP | ASGI_201 0_020 | 'FROM->TO' | 'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | 351 | 0.1242 | 112.4137 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 & MUSTANG STATION - SEMINOLE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201 0_020 | 'FROM->TO' | 'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | 351 | 0.1242 | 111.405 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 & MUSTANG STATION - SEMINOLE 230KV CKT 1' | |
| | FDNS | 00ASGI_10_0 20 | 1 | 23SP | ASGI_201 0_020 | 'FROM->TO' | 'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | 351 | 0.1169 | 106.7567 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 & MUSTANG STATION - SEMINOLE 230KV CKT 1' | |

| EVENTTYPE | SOLUTIONTYPE | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONITORED ELEMENT | RATEB | | TC%LOADING | | CONTINGENCY |
|-----------|--------------|-------------------|----------|--------|--------|-------------------|-------------------|---|-----|------------|----------|--|
| | | | | | | | | (MVA) | TDF | (%MVA) | | |
| | FDNS | 0 | | 1 | 23SP | ASGI_201 0_020 | 'FROM->TO' | 'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | 351 | 0.1169 | 105.7998 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - SEMINOLE 230KV CKT 1' |
| | FDNS | 00ASGI_10_0 20 | | 1 | 18SP | ASGI_201 0_020 | 'FROM->TO' | 'MUSTANG STATION N. - SEAGRAVES INTERCHANGE 115KV CKT 1' | 160 | 0.0974 | 106.3486 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 0 | | 1 | 18SP | ASGI_201 0_020 | 'FROM->TO' | 'MUSTANG STATION N. - SEAGRAVES INTERCHANGE 115KV CKT 1' | 160 | 0.0974 | 104.667 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 00ASGI_10_0 20 | | 1 | 18SP | ASGI_201 0_020 | 'FROM->TO' | 'MUSTANG STATION N. - SEAGRAVES INTERCHANGE 115KV CKT 1' | 160 | 0.0974 | 100.5302 | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 00ASGI_10_0 20 | | 1 | 18SP | ASGI_201 0_020 | 'TO->FROM' | 'ODC TAP - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.1471 | 105.2519 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 0 | | 1 | 18SP | ASGI_201 0_020 | 'TO->FROM' | 'ODC TAP - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.1471 | 102.7844 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 00ASGI_10_0 20 | | 1 | 18SP | ASGI_201 0_020 | 'FROM->TO' | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | 351 | 0.125 | 100.9111 | 'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - SEMINOLE 230KV CKT 1' |
| | FDNS | 06ASGI_10_0 20 | | 1 | 13G | ASGI_201 0_020 | 'FROM->TO' | 'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1' | 239 | 0.0363 | 100.1725 | 'TOLK STATION TAP - TOLK STATION WEST 230KV CKT 1 &LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1' |
| | FDNS | 06ASGI_10_0 20 | | 1 | 13G | ASGI_201 0_020 | 'FROM->TO' | 'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1' | 239 | 0.0363 | 100.1265 | 'TOLK STATION TAP - TOLK STATION WEST 230KV CKT 1 &LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1' |
| | FDNS | 00ASGI_10_0 21 | | 1 | 18SP | ASGI_201 0_021 | 'FROM->TO' | 'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1' | 351 | 0.1138 | 102.6671 | 'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - SEMINOLE 230KV CKT 1' |
| | FDNS | 0 | | 1 | 18SP | ASGI_201 0_021 | 'FROM->TO' | 'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1' | 351 | 0.1138 | 102.2123 | 'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - SEMINOLE 230KV CKT 1' |
| | FDNS | 00ASGI_10_0 21 | | 1 | 18SP | ASGI_201 0_021 | 'TO->FROM' | 'BAILEY COUNTY REC-EARTH INTERCHANGE - PLANT X STATION 115KV CKT 1' | 160 | 0.0351 | 105.8232 | 'DEAF SMITH COUNTY INTERCHANGE - PLANT X STATION 230KV CKT 1 &BUFFALO 230.00 - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 0 | | 1 | 18SP | ASGI_201 0_021 | 'TO->FROM' | 'BAILEY COUNTY REC-EARTH INTERCHANGE - PLANT X STATION 115KV CKT 1' | 160 | 0.0351 | 105.5539 | 'DEAF SMITH COUNTY INTERCHANGE - PLANT X STATION 230KV CKT 1 &BUFFALO 230.00 - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 00ASGI_10_0 21 | | 1 | 18SP | ASGI_201 0_021 | 'FROM->TO' | 'CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1' | 351 | 0.0318 | 108.7397 | 'EDDY COUNTY INTERCHANGE - EDDY_NORTH 6230.00 230KV CKT 1 &CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 0 | | 1 | 18SP | ASGI_201 0_021 | 'FROM->TO' | 'CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1' | 351 | 0.0318 | 108.5496 | 'EDDY COUNTY INTERCHANGE - EDDY_NORTH 6230.00 230KV CKT 1 &CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 00ASGI_10_0 21 | | 1 | 18SP | ASGI_201 0_021 | 'FROM->TO' | 'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1' | 160 | 0.1366 | 142.1948 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 0 | | 1 | 18SP | ASGI_201 0_021 | 'FROM->TO' | 'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1' | 160 | 0.1366 | 141.0479 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 00ASGI_10_0 21 | | 1 | 18SP | ASGI_201 0_021 | 'FROM->TO' | 'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1' | 160 | 0.1366 | 132.8602 | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 0 | | 1 | 18SP | ASGI_201 0_021 | 'FROM->TO' | 'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1' | 160 | 0.1366 | 131.7184 | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 00ASGI_10_0 21 | | 1 | 23SP | ASGI_201 0_021 | 'FROM->TO' | 'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1' | 160 | 0.122 | 126.941 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 0 | | 1 | 23SP | ASGI_201 0_021 | 'FROM->TO' | 'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1' | 160 | 0.122 | 125.9176 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 00ASGI_10_0 21 | | 1 | 23SP | ASGI_201 0_021 | 'FROM->TO' | 'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1' | 160 | 0.122 | 117.958 | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 0 | | 1 | 23SP | ASGI_201 0_021 | 'FROM->TO' | 'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1' | 160 | 0.122 | 116.9388 | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 00ASGI_10_0 21 | | 1 | 18SP | ASGI_201 0_021 | 'FROM->TO' | 'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.1366 | 133.7359 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 0 | | 1 | 18SP | ASGI_201 0_021 | 'FROM->TO' | 'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.1366 | 132.5929 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 00ASGI_10_0 21 | | 1 | 18SP | ASGI_201 0_021 | 'FROM->TO' | 'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.1366 | 124.3273 | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 0 | | 1 | 18SP | ASGI_201 0_021 | 'FROM->TO' | 'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.1366 | 123.1879 | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 00ASGI_10_0 21 | | 1 | 23SP | ASGI_201 0_021 | 'FROM->TO' | 'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.122 | 119.4015 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 0 | | 1 | 23SP | ASGI_201 0_021 | 'FROM->TO' | 'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.122 | 118.3775 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 00ASGI_10_0 21 | | 1 | 23SP | ASGI_201 0_021 | 'FROM->TO' | 'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.122 | 110.3597 | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 0 | | 1 | 23SP | ASGI_201 0_021 | 'FROM->TO' | 'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.122 | 109.3386 | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 06ASGI_10_0 21 | | 1 | 13G | ASGI_201 0_021 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0394 | 115.1195 | 'NORTHWEST - SPRING CREEK 345KV CKT 1 &NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 06ASGI_10_0 21 | | 1 | 13G | ASGI_201 0_021 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0395 | 113.8598 | 'ARCADIA - NORTHWEST 345KV CKT 1 &NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 06ASGI_10_0 21 | | 1 | 13G | ASGI_201 0_021 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0394 | 113.6637 | 'CIMARRON - NORTHWEST 345KV CKT 1 &NORTHWEST - TATONGA7 345.00 345KV CKT 1' |

| EVENTTYPE | SOLUTIONTYPE | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONITORED ELEMENT | RATEB | | TC%LOADING | | CONTINGENCY |
|-----------|--------------|---------------|----------|--------|----------------|------------|---|-------|--------|------------|--|--|
| | | | | | | | | (MVA) | TDF | (%MVA) | | |
| | FDNS | 06ASGI_10_021 | | 1 13G | ASGI_201_0_021 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0396 | 110.1205 | | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1 &G07-21 345.00 - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 06ASGI_10_021 | | 1 13G | ASGI_201_0_021 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0396 | 109.757 | | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1 &CRSRDSW7 345.00 - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 06ASGI_10_021 | | 1 13G | ASGI_201_0_021 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0396 | 108.6239 | | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1 &G08-19 345.00 - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 06ASGI_10_021 | | 1 13G | ASGI_201_0_021 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0502 | 107.4037 | | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 06ASGI_10_021 | | 1 13G | ASGI_201_0_021 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0502 | 107.4037 | | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2' |
| | FDNS | 00ASGI_10_021 | | 1 13WP | ASGI_201_0_021 | 'FROM->TO' | 'HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.031 | 101.7962 | | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 0 | | 1 13WP | ASGI_201_0_021 | 'FROM->TO' | 'HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.031 | 101.3288 | | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 00ASGI_10_021 | | 1 18SP | ASGI_201_0_021 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.034 | 133.1491 | | 'Jones Station Bus#2 - LUBBOCK POWER & LIGHT-HOLLY PLANT 230KV CKT 1 &Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' |
| | FDNS | 0 | | 1 18SP | ASGI_201_0_021 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.034 | 132.9806 | | 'Jones Station Bus#2 - LUBBOCK POWER & LIGHT-HOLLY PLANT 230KV CKT 1 &Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' |
| | FDNS | 00ASGI_10_021 | | 1 18SP | ASGI_201_0_021 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0333 | 127.4501 | | 'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1 &JONES STATION - Jones Station Bus#2 230KV CKT 1' |
| | FDNS | 0 | | 1 18SP | ASGI_201_0_021 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0333 | 127.2856 | | 'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1 &JONES STATION - Jones Station Bus#2 230KV CKT 1' |
| | FDNS | 00ASGI_10_021 | | 1 18SP | ASGI_201_0_021 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0348 | 123.8182 | | 'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2 &Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' |
| | FDNS | 0 | | 1 18SP | ASGI_201_0_021 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0348 | 123.7685 | | 'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2 &Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' |
| | FDNS | 00ASGI_10_021 | | 1 18SP | ASGI_201_0_021 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.034 | 122.9401 | | 'Jones Station Bus#2 - LUBBOCK POWER & LIGHT-HOLLY PLANT 230KV CKT 1 &Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' |
| | FDNS | 0 | | 1 18SP | ASGI_201_0_021 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.034 | 122.7861 | | 'Jones Station Bus#2 - LUBBOCK POWER & LIGHT-HOLLY PLANT 230KV CKT 1 &Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' |
| | FDNS | 00ASGI_10_021 | | 1 18SP | ASGI_201_0_021 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0333 | 117.6792 | | 'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1 &JONES STATION - Jones Station Bus#2 230KV CKT 1' |
| | FDNS | 0 | | 1 18SP | ASGI_201_0_021 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0333 | 117.5276 | | 'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1 &JONES STATION - Jones Station Bus#2 230KV CKT 1' |
| | FDNS | 00ASGI_10_021 | | 1 18SP | ASGI_201_0_021 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0348 | 114.0638 | | 'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2 &Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' |
| | FDNS | 0 | | 1 18SP | ASGI_201_0_021 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0348 | 114.0047 | | 'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2 &Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' |
| | FDNS | 00ASGI_10_021 | | 1 18SP | ASGI_201_0_021 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0339 | 109.4961 | | 'LUBBOCK EAST INTERCHANGE - LUBBOCK POWER & LIGHT-WADSWORTH 230KV CKT 1 &Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' |
| | FDNS | 0 | | 1 18SP | ASGI_201_0_021 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0339 | 109.3186 | | 'LUBBOCK EAST INTERCHANGE - LUBBOCK POWER & LIGHT-WADSWORTH 230KV CKT 1 &Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' |
| | FDNS | 00ASGI_10_021 | | 1 18SP | ASGI_201_0_021 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0339 | 103.3376 | | 'LUBBOCK EAST INTERCHANGE - LUBBOCK POWER & LIGHT-WADSWORTH 230KV CKT 1 &Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' |
| | FDNS | 0 | | 1 18SP | ASGI_201_0_021 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0339 | 103.1707 | | 'LUBBOCK EAST INTERCHANGE - LUBBOCK POWER & LIGHT-WADSWORTH 230KV CKT 1 &Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' |
| | FDNS | 00ASGI_10_021 | | 1 18SP | ASGI_201_0_021 | 'FROM->TO' | 'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | 351 | 0.1131 | 111.8584 | | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - SEMINOLE 230KV CKT 1' |
| | FDNS | 0 | | 1 18SP | ASGI_201_0_021 | 'FROM->TO' | 'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | 351 | 0.1131 | 111.405 | | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - SEMINOLE 230KV CKT 1' |
| | FDNS | 00ASGI_10_021 | | 1 23SP | ASGI_201_0_021 | 'FROM->TO' | 'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | 351 | 0.1055 | 106.2259 | | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - SEMINOLE 230KV CKT 1' |
| | FDNS | 0 | | 1 23SP | ASGI_201_0_021 | 'FROM->TO' | 'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | 351 | 0.1055 | 105.7998 | | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - SEMINOLE 230KV CKT 1' |
| | FDNS | 00ASGI_10_021 | | 1 18SP | ASGI_201_0_021 | 'FROM->TO' | 'MUSTANG STATION N. - SEAGRAVES INTERCHANGE 115KV CKT 1' | 160 | 0.0917 | 105.4504 | | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 0 | | 1 18SP | ASGI_201_0_021 | 'FROM->TO' | 'MUSTANG STATION N. - SEAGRAVES INTERCHANGE 115KV CKT 1' | 160 | 0.0917 | 104.667 | | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 00ASGI_10_021 | | 1 18SP | ASGI_201_0_021 | 'TO->FROM' | 'ODC TAP - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.1366 | 103.9156 | | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 0 | | 1 18SP | ASGI_201_0_021 | 'TO->FROM' | 'ODC TAP - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.1366 | 102.7844 | | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 00ASGI_10_021 | | 1 18SP | ASGI_201_0_021 | 'FROM->TO' | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | 351 | 0.1138 | 100.3539 | | 'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - SEMINOLE 230KV CKT 1' |
| | FDNS | 06ASGI_10_021 | | 1 13G | ASGI_201_0_021 | 'FROM->TO' | 'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1' | 239 | 0.0371 | 100.0879 | | 'TOLK STATION TAP - TOLK STATION WEST 230KV CKT 1 &LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1' |
| | FDNS | 06ASGI_10_021 | | 1 13G | ASGI_201_0_021 | 'FROM->TO' | 'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1' | 239 | 0.0371 | 100 | | 'TOLK STATION TAP - TOLK STATION WEST 230KV CKT 1 &LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1' |

| EVENTTYPE | SOLUTIONTYPE | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONITORED ELEMENT | RATEB | | TC%LOADING | | CONTINGENCY |
|-----------|--------------|---------------|----------|--------|----------------|------------|---|-------|--------|------------|--|-------------|
| | | | | | | | | (MVA) | TDF | (%MVA) | | |
| | FDNS | 00ASGI_11_001 | 1 | 18SP | ASGI_201_1_001 | 'FROM->TO' | 'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1' | 351 | 0.1369 | 103.2921 | 'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 & MUSTANG STATION - SEMINOLE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201_1_001 | 'FROM->TO' | 'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1' | 351 | 0.1369 | 102.2123 | 'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 & MUSTANG STATION - SEMINOLE 230KV CKT 1' | |
| | FDNS | 00ASGI_11_001 | 1 | 18SP | ASGI_201_1_001 | 'TO->FROM' | 'BAILEY COUNTY REC-EARTH INTERCHANGE - PLANT X STATION 115KV CKT 1' | 160 | 0.0351 | 106.0969 | 'DEAF SMITH COUNTY INTERCHANGE - PLANT X STATION 230KV CKT 1 & BUFFALO 230.00 - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201_1_001 | 'TO->FROM' | 'BAILEY COUNTY REC-EARTH INTERCHANGE - PLANT X STATION 115KV CKT 1' | 160 | 0.0351 | 105.5539 | 'DEAF SMITH COUNTY INTERCHANGE - PLANT X STATION 230KV CKT 1 & BUFFALO 230.00 - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_11_001 | 1 | 18SP | ASGI_201_1_001 | 'FROM->TO' | 'CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1' | 351 | 0.0346 | 108.9696 | 'EDDY COUNTY INTERCHANGE - EDDY_NORTH 6230.00 230KV CKT 1 & CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201_1_001 | 'FROM->TO' | 'CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1' | 351 | 0.0346 | 108.5496 | 'EDDY COUNTY INTERCHANGE - EDDY_NORTH 6230.00 230KV CKT 1 & CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_11_001 | 1 | 18SP | ASGI_201_1_001 | 'FROM->TO' | 'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1' | 160 | 0.1584 | 143.6777 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 & MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201_1_001 | 'FROM->TO' | 'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1' | 160 | 0.1584 | 141.0479 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 & MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_11_001 | 1 | 18SP | ASGI_201_1_001 | 'FROM->TO' | 'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1' | 160 | 0.1584 | 134.2507 | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 & MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201_1_001 | 'FROM->TO' | 'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1' | 160 | 0.1584 | 131.7184 | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 & MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_11_001 | 1 | 23SP | ASGI_201_1_001 | 'FROM->TO' | 'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1' | 160 | 0.1448 | 128.3026 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 & MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 23SP | ASGI_201_1_001 | 'FROM->TO' | 'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1' | 160 | 0.1448 | 125.9176 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 & MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_11_001 | 1 | 23SP | ASGI_201_1_001 | 'FROM->TO' | 'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1' | 160 | 0.1448 | 119.3174 | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 & MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 23SP | ASGI_201_1_001 | 'FROM->TO' | 'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1' | 160 | 0.1448 | 116.9388 | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 & MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_11_001 | 1 | 18SP | ASGI_201_1_001 | 'FROM->TO' | 'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.1584 | 135.2146 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 & MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201_1_001 | 'FROM->TO' | 'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.1584 | 132.5929 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 & MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_11_001 | 1 | 18SP | ASGI_201_1_001 | 'FROM->TO' | 'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.1584 | 125.7615 | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 & MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201_1_001 | 'FROM->TO' | 'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.1584 | 123.1879 | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 & MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_11_001 | 1 | 23SP | ASGI_201_1_001 | 'FROM->TO' | 'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.1448 | 120.7644 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 & MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 23SP | ASGI_201_1_001 | 'FROM->TO' | 'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.1448 | 118.3775 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 & MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_11_001 | 1 | 23SP | ASGI_201_1_001 | 'FROM->TO' | 'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.1448 | 111.7216 | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 & MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 23SP | ASGI_201_1_001 | 'FROM->TO' | 'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.1448 | 109.3386 | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 & MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 06ASGI_11_001 | 1 | 13G | ASGI_201_1_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0394 | 115.1736 | 'NORTHWEST - SPRING CREEK 345KV CKT 1 & NORTHWEST - TATONGA7 345.00 345KV CKT 1' | |
| | FDNS | 06ASGI_11_001 | 1 | 13G | ASGI_201_1_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0395 | 113.9139 | 'ARCADIA - NORTHWEST 345KV CKT 1 & NORTHWEST - TATONGA7 345.00 345KV CKT 1' | |
| | FDNS | 06ASGI_11_001 | 1 | 13G | ASGI_201_1_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0394 | 113.7219 | 'CIMARRON - NORTHWEST 345KV CKT 1 & NORTHWEST - TATONGA7 345.00 345KV CKT 1' | |
| | FDNS | 06ASGI_11_001 | 1 | 13G | ASGI_201_1_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0396 | 110.1748 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1 & G07-21 345.00 - TATONGA7 345.00 345KV CKT 1' | |
| | FDNS | 06ASGI_11_001 | 1 | 13G | ASGI_201_1_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0396 | 109.812 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1 & CRSRDSW7 345.00 - TATONGA7 345.00 345KV CKT 1' | |
| | FDNS | 06ASGI_11_001 | 1 | 13G | ASGI_201_1_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0396 | 108.6781 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1 & G08-19 345.00 - TATONGA7 345.00 345KV CKT 1' | |
| | FDNS | 06ASGI_11_001 | 1 | 13G | ASGI_201_1_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0502 | 107.4742 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 & THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' | |
| | FDNS | 06ASGI_11_001 | 1 | 13G | ASGI_201_1_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0502 | 107.4742 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 & THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2' | |
| | FDNS | 0 | 1 | 13WP | ASGI_201_1_001 | 'FROM->TO' | 'HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.031 | 101.3288 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2' | |
| | FDNS | 00ASGI_11_001 | 1 | 18SP | ASGI_201_1_001 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0341 | 133.3174 | 'Jones Station Bus#2 - LUBBOCK POWER & LIGHT-HOLLY PLANT 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201_1_001 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0341 | 132.9806 | 'Jones Station Bus#2 - LUBBOCK POWER & LIGHT-HOLLY PLANT 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_11_001 | 1 | 18SP | ASGI_201_1_001 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0333 | 127.6221 | 'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1 & JONES STATION - Jones Station Bus#2 230KV CKT 1' | |

| EVENTTYPE | SOLUTIONTYPE | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONITORED ELEMENT | RATEB | | TC%LOADING | | CONTINGENCY |
|-----------|--------------|---------------|----------|--------|--------------|------------|---|-------|--------|------------|---|-------------|
| | | | | | | | | (MVA) | TDF | (%MVA) | | |
| | FDNS | 0 | 1 | 18SP | ASGI_201_001 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0334 | 127.2856 | 'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1 & JONES STATION - Jones Station Bus#2 230KV CKT 1' | |
| | FDNS | 00ASGI_11_001 | 1 | 18SP | ASGI_201_001 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0349 | 123.9813 | 'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201_001 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0349 | 123.7685 | 'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_11_001 | 1 | 18SP | ASGI_201_001 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0341 | 123.0935 | 'Jones Station Bus#2 - LUBBOCK POWER & LIGHT-HOLLY PLANT 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201_001 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0341 | 122.7861 | 'Jones Station Bus#2 - LUBBOCK POWER & LIGHT-HOLLY PLANT 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_11_001 | 1 | 18SP | ASGI_201_001 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0333 | 117.8357 | 'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1 & JONES STATION - Jones Station Bus#2 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201_001 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0334 | 117.5276 | 'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1 & JONES STATION - Jones Station Bus#2 230KV CKT 1' | |
| | FDNS | 00ASGI_11_001 | 1 | 18SP | ASGI_201_001 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0349 | 114.2137 | 'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201_001 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.0349 | 114.0047 | 'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_11_001 | 1 | 18SP | ASGI_201_001 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.034 | 109.6358 | 'LUBBOCK EAST INTERCHANGE - LUBBOCK POWER & LIGHT-WADSWORTH 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201_001 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.034 | 109.3186 | 'LUBBOCK EAST INTERCHANGE - LUBBOCK POWER & LIGHT-WADSWORTH 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_11_001 | 1 | 18SP | ASGI_201_001 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.034 | 103.474 | 'LUBBOCK EAST INTERCHANGE - LUBBOCK POWER & LIGHT-WADSWORTH 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201_001 | 'FROM->TO' | 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1' | 252 | 0.034 | 103.1707 | 'LUBBOCK EAST INTERCHANGE - LUBBOCK POWER & LIGHT-WADSWORTH 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_11_001 | 1 | 18SP | ASGI_201_001 | 'FROM->TO' | 'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | 351 | 0.136 | 112.4806 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 & MUSTANG STATION - SEMINOLE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201_001 | 'FROM->TO' | 'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | 351 | 0.136 | 111.405 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 & MUSTANG STATION - SEMINOLE 230KV CKT 1' | |
| | FDNS | 00ASGI_11_001 | 1 | 23SP | ASGI_201_001 | 'FROM->TO' | 'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | 351 | 0.1292 | 106.8185 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 & MUSTANG STATION - SEMINOLE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 23SP | ASGI_201_001 | 'FROM->TO' | 'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | 351 | 0.1292 | 105.7998 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 & MUSTANG STATION - SEMINOLE 230KV CKT 1' | |
| | FDNS | 00ASGI_11_001 | 1 | 18SP | ASGI_201_001 | 'FROM->TO' | 'MUSTANG STATION N. - SEAGRAVES INTERCHANGE 115KV CKT 1' | 160 | 0.1035 | 106.409 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 & MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201_001 | 'FROM->TO' | 'MUSTANG STATION N. - SEAGRAVES INTERCHANGE 115KV CKT 1' | 160 | 0.1035 | 104.667 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 & MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_11_001 | 1 | 18SP | ASGI_201_001 | 'FROM->TO' | 'MUSTANG STATION N. - SEAGRAVES INTERCHANGE 115KV CKT 1' | 160 | 0.1035 | 100.5908 | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 & MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_11_001 | 1 | 18SP | ASGI_201_001 | 'TO->FROM' | 'ODC TAP - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.1584 | 105.3806 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 & MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 0 | 1 | 18SP | ASGI_201_001 | 'TO->FROM' | 'ODC TAP - SHELL CO2 GAS SUB 115KV CKT 1' | 160 | 0.1584 | 102.7844 | 'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 & MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | |
| | FDNS | 00ASGI_11_001 | 1 | 18SP | ASGI_201_001 | 'FROM->TO' | 'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1' | 351 | 0.1369 | 100.9787 | 'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 & MUSTANG STATION - SEMINOLE 230KV CKT 1' | |
| | FDNS | 06ASGI_11_001 | 1 | 13G | ASGI_201_001 | 'FROM->TO' | 'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1' | 239 | 0.0356 | 100.1347 | 'TOLK STATION TAP - TOLK STATION WEST 230KV CKT 1 & LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1' | |
| | FDNS | 06ASGI_11_001 | 1 | 13G | ASGI_201_001 | 'FROM->TO' | 'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1' | 239 | 0.0356 | 100.0888 | 'TOLK STATION TAP - TOLK STATION WEST 230KV CKT 1 & LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1' | |
| | FDNS | 02G10_001 | 1 | 13G | G10_001 | 'TO->FROM' | 'CLEARWATER - MILAN TAP 138KV CKT 1' | 110 | 0.0359 | 119.9065 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2' | |
| | FDNS | 00G10_001 | 1 | 13WP | G10_001 | 'TO->FROM' | 'CLEARWATER - MILAN TAP 138KV CKT 1' | 110 | 0.0443 | 103.7998 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2' | |
| | FDNS | 00G10_001 | 1 | 13SP | G10_001 | 'TO->FROM' | 'CLEARWATER - MILAN TAP 138KV CKT 1' | 110 | 0.0432 | 103.5191 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2' | |
| | FDNS | 00G10_001 | 1 | 18WP | G10_001 | 'TO->FROM' | 'CLEARWATER - MILAN TAP 138KV CKT 1' | 110 | 0.0434 | 101.0793 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2' | |
| | FDNS | 02G10_001 | 1 | 13G | G10_001 | 'FROM->TO' | 'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.0974 | 121.7847 | 'Hitchland Interchange - WOODWARD DISTRICT EHV 345KV CKT 2 & BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' | |
| | FDNS | 02G10_001 | 1 | 13G | G10_001 | 'FROM->TO' | 'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1' | 287 | 0.0974 | 119.1566 | 'Hitchland Interchange - WOODWARD DISTRICT EHV 345KV CKT 2 & BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' | |
| | FDNS | 02G10_001 | 1 | 13G | G10_001 | 'FROM->TO' | 'FLATRDG3 - HARPER 138KV CKT 1' | 95.6 | 0.0359 | 160.5873 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2' | |
| | FDNS | 02G10_001 | 1 | 13G | G10_001 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.1001 | 103.6943 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 & THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' | |
| | FDNS | 02G10_001 | 1 | 13G | G10_001 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.1001 | 103.6943 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 & THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2' | |

| EVENTTYPE | SOLUTIONTYPE | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONITORED ELEMENT | RATEB | | TC%LOADING | | CONTINGENCY |
|-----------|--------------|-----------|----------|--------|--------|-----------|-------------------|--------------------------------------|-----|------------|----------|--|
| | | | | | | | | (MVA) | TDF | (%MVA) | | |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.0845 | 101.2833 | 'NORTHWEST - SPRING CREEK 345KV CKT 1 &NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.0843 | 100.5295 | 'ARCADIA - NORTHWEST 345KV CKT 1 &NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'FROM->TO' | 'FPL SWITCH - MOORELAND 138KV CKT 1' | 287 | 0.0843 | 100.4243 | 'CIMARRON - NORTHWEST 345KV CKT 1 &NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.1001 | 181.3116 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.1001 | 181.3116 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0845 | 176.6018 | 'NORTHWEST - SPRING CREEK 345KV CKT 1 &NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0843 | 175.21 | 'ARCADIA - NORTHWEST 345KV CKT 1 &NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0843 | 175.0298 | 'CIMARRON - NORTHWEST 345KV CKT 1 &NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0844 | 171.4975 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1 &G07-21 345.00 - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0844 | 171.3824 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1 &CRSRDSW7 345.00 - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0844 | 170.0174 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1 &G08-19 345.00 - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0927 | 165.3688 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0872 | 159.1515 | 'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0844 | 158.9867 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1 &TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0844 | 158.7543 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G08-19 345.00 - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0844 | 158.7286 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &CRSRDSW7 345.00 - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0844 | 158.7263 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G07-21 345.00 - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0751 | 157.0262 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0819 | 147.2323 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &Hitchland Interchange - WOODWARD DISTRICT EHV 345KV CKT 2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0844 | 145.2931 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G07-62 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0615 | 144.3979 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1 &STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0615 | 143.6187 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1 &ROARK6 230.00 - SWEETWATER 230KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0615 | 143.5969 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1 &NEXTERA - SWEETWATER 230KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0615 | 142.6205 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1 &DEMPSEY6 230.00 - SWEETWATER 230KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0615 | 142.5196 | 'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1 &GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0615 | 141.4103 | 'STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1 &GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0652 | 140.7134 | 'WDWRD69KVPCB' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0608 | 140.5544 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1 &GRACEMONT - LAWTON EASTSIDE 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0603 | 139.1117 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1 &LAWTON EASTSIDE - SUNNYSIDE 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0579 | 138.1194 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 136.2718 | 'BASE CASE' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0679 | 135.3663 | 'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0679 | 135.3663 | 'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0679 | 135.3663 | 'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2 &THISTLE7 345.00 - WICHITA 345KV CKT 1' |

| EVENTTYPE | SOLUTIONTYPE | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONITORED ELEMENT | RATEB | | TC%LOADING | | CONTINGENCY |
|-----------|--------------|-----------|----------|--------|--------|-----------|-------------------|-------------------------------------|-----|------------|----------|--|
| | | | | | | | | (MVA) | TDF | (%MVA) | | |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0679 | 135.3663 | 'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2 &THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0597 | 134.723 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1 &AMARILLO SOUTH INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0596 | 134.4629 | 'HUTCHINSON COUNTY INTERCHANGE - NICHOLS STATION 230KV CKT 1 &GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0596 | 134.4196 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1 &Harrington Station Mid Bus - NICHOLS STATION 230KV CKT 2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0596 | 134.4065 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1 &HARRINGTON STATION - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0704 | 132.4935 | 'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0704 | 132.4935 | 'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0607 | 131.7355 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1 &OKLAUN - OKLAUNION 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0607 | 131.6768 | 'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1 &OKLAUN - OKLAUNION 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0607 | 131.672 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1 &OKLAUNION - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0651 | 129.2606 | 'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0651 | 129.2606 | 'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0651 | 129.2606 | 'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2 &CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0651 | 129.2606 | 'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2 &CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0626 | 128.9547 | 'BENTON - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0626 | 128.9547 | 'BENTON - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0632 | 128.7198 | 'FINNEY SWITCHING STATION - HOLCOMB 345KV CKT 1 &HOLCOMB - SETAB 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.063 | 128.642 | 'FINNEY SWITCHING STATION - HOLCOMB 345KV CKT 1 &FINNEY SWITCHING STATION - PSCO LAMAR DC TIE 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0535 | 128.5235 | 'WDRNG102' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 128.3513 | 'GEN520997 1-MORLND2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0578 | 128.2192 | 'SOONER - WOODRING 345KV CKT 1 &HUNTERS7 345.00 - WOODRING 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0634 | 128.1115 | 'FINNEY SWITCHING STATION - HOLCOMB 345KV CKT 1 &BUCKNER7 345.00 - HOLCOMB 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0628 | 128.029 | 'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1 &BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.063 | 127.3742 | 'FINNEY SWITCHING STATION - Hitchland Interchange 345KV CKT 1 &FINNEY SWITCHING STATION - HOLCOMB 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.063 | 127.3634 | 'FINNEY SWITCHING STATION - Hitchland Interchange 345KV CKT 1 &FINNEY SWITCHING STATION - G08-18 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0616 | 127.2458 | 'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0616 | 127.2458 | 'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0614 | 127.0814 | 'RENO COUNTY - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0614 | 127.0814 | 'RENO COUNTY - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0617 | 126.9913 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 &CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0617 | 126.9913 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 &CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0617 | 126.9913 | 'THISTLE7 345.00 - WICHITA 345KV CKT 2 &CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0617 | 126.9913 | 'THISTLE7 345.00 - WICHITA 345KV CKT 2 &CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.063 | 126.9215 | 'FINNEY SWITCHING STATION - HOLCOMB 345KV CKT 1 &FINNEY SWITCHING STATION - G08-18 345.00 345KV CKT 1' |

| EVENTTYPE | SOLUTIONTYPE | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONITORED ELEMENT | RATEB | | TC%LOADING | | CONTINGENCY |
|-----------|--------------|-----------|----------|--------|--------|-----------|-------------------|-------------------------------------|-----|------------|----------|---|
| | | | | | | | | (MVA) | TDF | (%MVA) | | |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0682 | 126.9205 | 'FINNEY SWITCHING STATION - Hitchland Interchange 345KV CKT 1 &Hitchland Interchange - POTTER COUNTY INTERCHANGE 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0565 | 126.7353 | 'WDRNG383' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0623 | 126.4927 | 'VIOLA 7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0623 | 126.4927 | 'VIOLA 7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.063 | 126.4858 | 'FINNEY SWITCHING STATION - Hitchland Interchange 345KV CKT 1 &FINNEY SWITCHING STATION - PSCO LAMAR DC TIE 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0603 | 125.1037 | 'HOLCOMB - SETAB 345KV CKT 1 &BUCKNER7 345.00 - HOLCOMB 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0586 | 124.6261 | 'NOWST302' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0559 | 124.5233 | 'WDRNG313' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0586 | 124.1012 | 'NOWST303' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 124.0344 | 'GEN515787 1-OKLA WIND ENERGY CENTER' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0579 | 123.8969 | 'HARRINGTON STATION - NICHOLS STATION 230KV CKT 1 &Harrington Station Mid Bus - NICHOLS STATION 230KV CKT 2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 123.8593 | 'GEN514805 1-SOONER UNIT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0616 | 123.482 | 'BENTON - WICHITA 345KV CKT 1 &VIOLA 7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0588 | 122.8498 | 'POST ROCK - SPEARVILLE 345KV CKT 1 &BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 122.7895 | 'GEN520922 1-SLEEPING BEAR' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0605 | 122.7201 | 'CIMARRON - NORTHWEST 345KV CKT 1 &ARCADIA - NORTHWEST 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0588 | 122.6832 | 'CHSHLMV7 345.00 - HUNTERS7 345.00 345KV CKT 1 &HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0588 | 122.6272 | 'HUNTERS7 345.00 - WOODRING 345KV CKT 1 &HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0584 | 122.6043 | 'CMARN383' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0588 | 122.559 | 'HUNTERS7 345.00 - WOODRING 345KV CKT 1 &CHSHLMV7 345.00 - HUNTERS7 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0584 | 122.3133 | 'CIMARRON - NORTHWEST 345KV CKT 1 &CANADIN7 345.00 - CIMARRON 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0584 | 122.0296 | 'CIMARRON - MINCO 345KV CKT 1 &CIMARRON - NORTHWEST 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.058 | 122.0086 | 'CANEYRV7 345.00 - NEOSHO 345KV CKT 1 &LACYGNE - NEOSHO 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0588 | 122.0084 | 'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1 &G07-25 345.00 - VIOLA 7 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0588 | 121.9391 | 'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1 &G10-05 345.00 - VIOLA 7 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0598 | 121.928 | 'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0588 | 121.8096 | 'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1 &VIOLA 7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0582 | 121.7789 | 'BENTON - ROSE HILL 345KV CKT 1 &ROSE HILL - WOLF CREEK 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.059 | 121.6946 | 'CIMARRON - WOODRING 345KV CKT 1 &HUNTERS7 345.00 - WOODRING 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0574 | 121.6367 | 'NORTHEAST STATION - ONETA 345KV CKT 1 &NORTHEAST STATION - TULSA NORTH 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.059 | 121.6348 | 'BENTON - WICHITA 345KV CKT 1 &BENTON - WOLF CREEK 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 121.5913 | 'GEN514806 1-SOONER UNIT 2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0581 | 121.5447 | 'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1 &G05-12 345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0582 | 121.5442 | 'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1 &CLARKCOUNTY7345.00 - SPEARVILLE 345KV CKT 1' |

| EVENTTYPE | SOLUTIONTYPE | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONITORED ELEMENT | RATEB | | TC%LOADING | | CONTINGENCY |
|-----------|--------------|-----------|----------|--------|--------|-----------|-------------------|-------------------------------------|-----|------------|----------|--|
| | | | | | | | | (MVA) | TDF | (%MVA) | | |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0582 | 121.5442 | 'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1 &CLARKCOUNTY7345.00 - SPEARVILLE 345KV CKT 2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0581 | 121.5348 | 'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1 &G06-06 345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0581 | 121.5296 | 'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1 &G08-124 345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0581 | 121.529 | 'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1 &G10-15 345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0588 | 121.5198 | 'POST ROCK - SPEARVILLE 345KV CKT 1 &AXTELL - POST ROCK 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0591 | 121.4732 | 'RENO COUNTY - WICHITA 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.058 | 121.4601 | 'CIMARRON - NORTHWEST 345KV CKT 1 &CIMARRON - DRAPER LAKE 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0592 | 121.4486 | 'NORTHWEST - SPRING CREEK 345KV CKT 1 &CIMARRON - NORTHWEST 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0581 | 121.4387 | 'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1 &BUCKNER7 345.00 - G10-09 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0583 | 121.4293 | 'CIMARRON - WOODRING 345KV CKT 1 &CIMARRON - NORTHWEST 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0585 | 121.4252 | 'POST ROCK - SPEARVILLE 345KV CKT 1 &CLARKCOUNTY7345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0585 | 121.4252 | 'POST ROCK - SPEARVILLE 345KV CKT 1 &CLARKCOUNTY7345.00 - SPEARVILLE 345KV CKT 2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0581 | 121.3942 | 'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1 &BUCKNER7 345.00 - G10-45 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0581 | 121.394 | 'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1 &BUCKNER7 345.00 - G07-40 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0586 | 121.3871 | 'POST ROCK - SPEARVILLE 345KV CKT 1 &G05-12 345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0586 | 121.3806 | 'POST ROCK - SPEARVILLE 345KV CKT 1 &G06-06 345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0586 | 121.3766 | 'POST ROCK - SPEARVILLE 345KV CKT 1 &G08-124 345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0586 | 121.3745 | 'POST ROCK - SPEARVILLE 345KV CKT 1 &G10-15 345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.063 | 121.3111 | 'FINNEY SWITCHING STATION - Hitchland Interchange 345KV CKT 1 &G10-14 345.00 - Hitchland Interchange 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0738 | 121.273 | 'FINNEY SWITCHING STATION - Hitchland Interchange 345KV CKT 1 &BEAVER CO 345.00 - Hitchland Interchange 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0591 | 121.1201 | 'BENTON - ROSE HILL 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0619 | 121.1104 | 'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0589 | 120.9902 | 'HOLCOMB - SETAB 345KV CKT 1 &MINGO - SETAB 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 120.9654 | 'HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 &JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0591 | 120.9456 | 'MINGO - SETAB 345KV CKT 1 &MINGO - RED WILLOW 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 120.8997 | 'DEMPSEY6 230.00 - SWEETWATER 230KV CKT 1 &ROARK6 230.00 - SWEETWATER 230KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0573 | 120.89 | 'SONR184' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0581 | 120.8668 | 'BUCKNER7 345.00 - HOLCOMB 345KV CKT 1 &BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 120.8184 | 'NEXTERA - SWEETWATER 230KV CKT 1 &DEMPSEY6 230.00 - SWEETWATER 230KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0588 | 120.8049 | 'MINGO - SETAB 345KV CKT 1 &G08-17 345.00 - SETAB 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 120.5035 | 'GEN520947 1-HUGO1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0588 | 120.4857 | 'VIOLA 7 345.00 - WICHITA 345KV CKT 1 &G10-05 345.00 - VIOLA 7 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0615 | 120.0037 | 'DEMPSEY6 230.00 - SWEETWATER 230KV CKT 1 &STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0615 | 119.1987 | 'ROARK6 230.00 - SWEETWATER 230KV CKT 1 &STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |

| EVENTTYPE | SOLUTIONTYPE | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONITORED ELEMENT | RATEB | | TC%LOADING | | CONTINGENCY |
|-----------|--------------|-----------|----------|--------|--------|-----------|-------------------|-------------------------------------|-----|------------|----------|--|
| | | | | | | | | (MVA) | TDF | (%MVA) | | |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0615 | 119.1123 | 'NEXTERA - SWEETWATER 230KV CKT 1 &STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0577 | 116.7907 | 'CLARKCOUNTY7345.00 - SPEARVILLE 345KV CKT 1 &CLARKCOUNTY7345.00 - SPEARVILLE 345KV CKT 2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0576 | 116.3403 | 'NORTHEAST STATION - TULSA NORTH 345KV CKT 1 &DELAWARE - NORTHEAST STATION 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 116.3348 | 'GEN542951 5-HAWTHORN UNIT #5' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0574 | 116.3255 | 'LYDIA - WELSH 345KV CKT 1 &EASTDC - WELSH 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 116.3214 | 'DIANA - WELSH 345KV CKT 2 &EASTDC - WELSH 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 116.3177 | 'GEN532722 1-EVANS ENERGY CENTER UNIT 2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 116.3172 | 'DIANA - WELSH 345KV CKT 1 &EASTDC - WELSH 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 116.3157 | 'GEN542956 2-LACYGNE UNIT #2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 116.3117 | 'GEN542955 1-LACYGNE UNIT #1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0572 | 116.3014 | 'CLEVELAND - SOONER 345KV CKT 1 &SOONER - SPRING CREEK 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.057 | 116.2763 | 'LYDIA - WELSH 345KV CKT 1 &LYDIA - VALLIANT 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.057 | 116.2757 | 'LYDIA - NORTHWEST TEXARKANA 345KV CKT 1 &LYDIA - VALLIANT 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.057 | 116.274 | 'LYDIA - NORTHWEST TEXARKANA 345KV CKT 1 &LYDIA - WELSH 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.057 | 116.2564 | 'LYDIA - VALLIANT 345KV CKT 1 &PITTSBURG - VALLIANT 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0572 | 116.2551 | 'CLEVELAND - SOONER 345KV CKT 1 &ROSE HILL - SOONER 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.057 | 116.2508 | 'LYDIA - VALLIANT 345KV CKT 1 &HUGO - VALLIANT 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.057 | 116.2296 | 'COTTONWOOD' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 116.212 | 'GEN659111 2-LELAND OLDS UNIT2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 116.1156 | 'GEN515393 1-OGEWND2G' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 116.1053 | 'WELSH - WILKES 345KV CKT 1 &EASTDC - WELSH 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0576 | 116.1028 | 'NORTHEAST STATION - ONETA 345KV CKT 1 &DELAWARE - NORTHEAST STATION 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 116.0402 | 'CRSRDSW7 345.00 - TATONGA7 345.00 345KV CKT 1 &G07-21 345.00 - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 115.9481 | 'GEN515365 1-CENT 21 34.500' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 115.7632 | 'GEN527162 1-MUSTANG GEN #2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 115.7631 | 'GEN527161 1-MUSTANG GEN #1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0572 | 115.7148 | 'BUS18' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 115.708 | 'GEN527902 1-HOBBS PLANT #2 (CT)' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 115.6887 | 'GEN527901 1-HOBBS PLANT #1 (CT)' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 115.5275 | 'GEN542957 1-IATAN UNIT #1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 115.487 | 'GEN659103 1-ANTELOPE VALLEY UNIT1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 115.487 | 'GEN659107 2-ANTELOPE VALLEY UNIT2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 115.4183 | 'GEN645001 1-FORT CALHOUN 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 115.3847 | 'CRSRDSW7 345.00 - TATONGA7 345.00 345KV CKT 1 &G08-19 345.00 - TATONGA7 345.00 345KV CKT 1' |

| EVENTTYPE | SOLUTIONTYPE | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONITORED ELEMENT | RATEB | | TC%LOADING | | |
|-----------|--------------|-----------|----------|--------|--------|-----------|-------------------|-------------------------------------|-----|------------|-------------|---|
| | | | | | | | | (MVA) | TDF | (%MVA) | CONTINGENCY | |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 115.3196 | 'GEN525494 1-PLANT X GEN #4 20 KV' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 115.247 | 'G08-19 345.00 - TATONGA7 345.00 345KV CKT 1 &G07-21 345.00 - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0573 | 115.1777 | 'SO469KVPCB' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 115.1717 | 'GEN527882 1-CUNNINGHAM GEN #2 20 KV' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 114.9764 | 'GEN560585 1-G06-44-2 0.6000' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0745 | 114.8813 | 'Hitchland Interchange - POTTER COUNTY INTERCHANGE 345KV CKT 1 &BEAVER CO 345.00 - Hitchland Interchange 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 114.7522 | 'GEN645011 1-NEBRASKA CITY 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 114.6452 | 'GEN542962 2-IATAN UNIT #2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 114.4857 | 'GEN560429 1-G08-29 0.6400' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 114.3724 | 'GEN645012 2-NEBRASKA CITY 2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 114.3644 | 'GEN527903 1-HOBBS PLANT #3 (ST)' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 114.3108 | 'G07-62 345.00 - G07-62-1 345.00 345KV CKT 1 &G07-62 345.00 - G07-62-2 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 114.3008 | 'GEN532651 1-JEFFREY ENERGY CENTER UNIT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 114.3005 | 'GEN532652 1-JEFFREY ENERGY CENTER UNIT 2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 114.3001 | 'GEN532653 1-JEFFREY ENERGY CENTER UNIT 3' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 114.238 | 'GEN640011 2-GERALD GENTLEMAN STATION UNIT 2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 114.2016 | 'G07-62 345.00 - G07-62-1 345.00 345KV CKT 1 &G07-62 345.00 - G07-62-3 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 114.2016 | 'G07-62 345.00 - G07-62-1 345.00 345KV CKT 1 &G07-62 345.00 - G07-62-4 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 114.2016 | 'G07-62 345.00 - G07-62-2 345.00 345KV CKT 1 &G07-62 345.00 - G07-62-3 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 114.2016 | 'G07-62 345.00 - G07-62-2 345.00 345KV CKT 1 &G07-62 345.00 - G07-62-4 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 114.1981 | 'GEN526331 1-JONES GEN #1 22 KV' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 114.1967 | 'GEN526332 1-JONES GEN #2 21 KV' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 114.1274 | 'GEN640010 1-GERALD GENTLEMAN STATION UNIT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 114.0947 | 'G07-62 345.00 - G07-62-3 345.00 345KV CKT 1 &G07-62 345.00 - G07-62-4 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 113.9726 | 'GEN640009 1-COOPER NUCLEAR STATION' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0573 | 113.8782 | 'LACYGNE - WEST GARDNER 345KV CKT 1 &LACYGNE - STILWELL 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 113.8534 | 'GEN560371 1-G07-46 0.6900' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 113.7033 | 'GEN560256 1-G10-14-1 0.6900' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 113.5698 | 'GEN560257 1-G10-14-2 0.6900' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 113.5098 | 'GEN560586 1-G06-44-3 0.6000' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 113.2772 | 'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 113.0752 | 'GEN523973 1-HARRINGTON GEN #3 24 KV' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 113.0696 | 'GEN523971 1-HARRINGTON GEN #1 24 KV' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 113.0692 | 'GEN523972 1-HARRINGTON GEN #2 24 KV' |

| EVENTTYPE | SOLUTIONTYPE | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONITORED ELEMENT | RATEB | | TC%LOADING | | |
|-----------|--------------|-----------|----------|--------|--------|-----------|-------------------|---|-----|------------|-------------|--|
| | | | | | | | | (MVA) | TDF | (%MVA) | CONTINGENCY | |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 112.196 | 'GEN560286 1-G10-01-1WTG 0.6900' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 112.196 | 'GEN560287 1-G10-01-2WTG 0.6900' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0619 | 112.1718 | 'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G07-62 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0727 | 112.1667 | 'G10-14 345.00 - Hitchland Interchange 345KV CKT 1 &BEAVER CO 345.00 - Hitchland Interchange 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0542 | 112.1015 | 'BUS16' |
| | FNSL | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 112.0486 | 'GEN659118 1-LARAMIE RIVER UNIT1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 112.0484 | 'GEN523103 1-NOBLE_WND 3115.00' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 111.7306 | 'GEN525561 1-TOLK GEN #1 24 KV' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0415 | 111.436 | 'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0415 | 111.436 | 'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2 &BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0614 | 111.3922 | 'Hitchland Interchange - POTTER COUNTY INTERCHANGE 345KV CKT 1 &G10-14 345.00 - Hitchland Interchange 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 111.2273 | 'GEN531447 1-HOLCOMB GENERATOR' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0592 | 110.4084 | 'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &Hitchland Interchange - WOODWARD DISTRICT EHV 345KV CKT 2' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0585 | 110.1896 | 'Hitchland Interchange - WOODWARD DISTRICT EHV 345KV CKT 2 &Hitchland Interchange - POTTER COUNTY INTERCHANGE 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 109.9373 | 'G07-62 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G07-62 345.00 - G07-62-1 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 109.9373 | 'G07-62 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G07-62 345.00 - G07-62-2 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 109.9373 | 'G07-62 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G07-62 345.00 - G07-62-3 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 109.9373 | 'G07-62 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G07-62 345.00 - G07-62-4 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0549 | 109.5413 | 'BUS10' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 109.2458 | 'GEN525562 1-TOLK GEN #2 24 KV' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0548 | 106.7878 | 'Hitchland Interchange - WOODWARD DISTRICT EHV 345KV CKT 2 &G10-14 345.00 - Hitchland Interchange 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 106.6215 | 'GEN560121 1-G08-47 0.5750' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0575 | 106.2378 | 'BEAVER CO 345.00 - G08-47 345.00 345KV CKT 1 &BEAVER CO 345.00 - G10-01 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0727 | 105.9344 | 'BEAVER CO 345.00 - Hitchland Interchange 345KV CKT 1 &BEAVER CO 345.00 - G08-47 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0727 | 104.9698 | 'BEAVER CO 345.00 - Hitchland Interchange 345KV CKT 1 &BEAVER CO 345.00 - G10-01 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0479 | 103.8792 | 'IMOTAP84' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0478 | 103.1624 | 'IMOTAP83' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0374 | 102.0759 | 'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0548 | 101.3252 | 'Hitchland Interchange - WOODWARD DISTRICT EHV 345KV CKT 2 &G07-62 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.037 | 100.0893 | 'BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &BEAVER CO 345.00 - G08-47 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0475 | 100 | 'BUS11' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.037 | 100 | 'BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &BEAVER CO 345.00 - G10-01 345.00 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'TO->FROM' | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' | 351 | 0.0876 | 105.1574 | 'Hitchland Interchange - WOODWARD DISTRICT EHV 345KV CKT 2 &BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 02G10_001 | | 1 | 13G | G10_001 | 'FROM->TO' | 'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1' | 351 | 0.0974 | 102.2715 | 'Hitchland Interchange - WOODWARD DISTRICT EHV 345KV CKT 2 &BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |

| EVENTTYPE | SOLUTIONTYPE | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONITORED ELEMENT | RATEB | | TC%LOADING | | CONTINGENCY |
|-----------|--------------|-----------|----------|--------|---------|------------|---|-------|--------|------------|--|---|
| | | | | | | | | (MVA) | TDF | (%MVA) | | |
| | FDNS | 02G10_001 | | 1 13G | G10_001 | 'FROM->TO' | 'HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.0359 | 144.5647 | | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 00G10_001 | | 1 13WP | G10_001 | 'FROM->TO' | 'HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.0443 | 128.045 | | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 00G10_001 | | 1 13SP | G10_001 | 'FROM->TO' | 'HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.0432 | 128.0326 | | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 00G10_001 | | 1 18WP | G10_001 | 'FROM->TO' | 'HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.0434 | 125.2745 | | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | | 0 | 1 13SP | G10_001 | 'FROM->TO' | 'HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.0433 | 101.4366 | | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | | 0 | 1 13WP | G10_001 | 'FROM->TO' | 'HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.0443 | 101.3288 | | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 00G10_001 | | 1 18SP | G10_001 | 'FROM->TO' | 'Harrington Station Mid Bus - RANDALL COUNTY INTERCHANGE 230KV CKT 1' | 351 | 0.0312 | 100.8448 | | 'HARRINGTON STATION - NICHOLS STATION 230KV CKT 1 & Harrington Station Mid Bus - NICHOLS STATION 230KV CKT 2' |
| | FDNS | 00G10_001 | | 1 23SP | G10_001 | 'FROM->TO' | 'HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1' | 250 | 0.0448 | 122.9827 | | 'HITCHLAND INTERCHANGE - OCHILTREE 230KV CKT 1 & HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | | 0 | 1 23SP | G10_001 | 'FROM->TO' | 'HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1' | 250 | 0.0446 | 118.1865 | | 'HITCHLAND INTERCHANGE - OCHILTREE 230KV CKT 1 & HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 00G10_001 | | 1 23SP | G10_001 | 'FROM->TO' | 'HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1' | 250 | 0.0448 | 117.921 | | 'HITCHLAND INTERCHANGE - OCHILTREE 230KV CKT 1 & HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | | 0 | 1 23SP | G10_001 | 'FROM->TO' | 'HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1' | 250 | 0.0446 | 113.1738 | | 'HITCHLAND INTERCHANGE - OCHILTREE 230KV CKT 1 & HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 00G10_001 | | 1 23SP | G10_001 | 'FROM->TO' | 'HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1' | 250 | 0.0354 | 101.7103 | | 'HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1 & MOORE COUNTY INTERCHANGE - POTTER COUNTY INTERCHANGE 230KV CKT 1' |
| | FDNS | 00G10_001 | | 1 13WP | G10_001 | 'FROM->TO' | 'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1' | 493 | 0.0334 | 121.2094 | | 'NOWST303' |
| | FDNS | 00G10_001 | | 1 13WP | G10_001 | 'FROM->TO' | 'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1' | 493 | 0.0334 | 118.7175 | | 'NOWST303' |
| | FDNS | 02G10_001 | | 1 13G | G10_001 | 'FROM->TO' | 'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1' | 493 | 0.0361 | 117.0018 | | 'NOWST303' |
| | FDNS | 02G10_001 | | 1 13G | G10_001 | 'FROM->TO' | 'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1' | 493 | 0.0361 | 115.3838 | | 'NOWST303' |
| | FDNS | | 0 | 1 13WP | G10_001 | 'FROM->TO' | 'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1' | 493 | 0.0344 | 111.5249 | | 'NOWST303' |
| | FDNS | | 0 | 1 13WP | G10_001 | 'FROM->TO' | 'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1' | 493 | 0.0344 | 109.5201 | | 'NOWST303' |
| | FDNS | 00G10_001 | | 1 13WP | G10_001 | 'FROM->TO' | 'NORTHWEST (NORTWST3) 345/138/13.8KV TRANSFORMER CKT 1' | 493 | 0.0325 | 112.3857 | | 'NOWST302' |
| | FDNS | 00G10_001 | | 1 13WP | G10_001 | 'FROM->TO' | 'NORTHWEST (NORTWST3) 345/138/13.8KV TRANSFORMER CKT 1' | 493 | 0.0325 | 110.1754 | | 'NOWST302' |
| | FDNS | 02G10_001 | | 1 13G | G10_001 | 'FROM->TO' | 'NORTHWEST (NORTWST3) 345/138/13.8KV TRANSFORMER CKT 1' | 493 | 0.0352 | 108.4777 | | 'NOWST302' |
| | FDNS | 02G10_001 | | 1 13G | G10_001 | 'FROM->TO' | 'NORTHWEST (NORTWST3) 345/138/13.8KV TRANSFORMER CKT 1' | 493 | 0.0352 | 107.1475 | | 'NOWST302' |
| | FDNS | | 0 | 1 13WP | G10_001 | 'FROM->TO' | 'NORTHWEST (NORTWST3) 345/138/13.8KV TRANSFORMER CKT 1' | 493 | 0.0335 | 103.3881 | | 'NOWST302' |
| | FDNS | | 0 | 1 13WP | G10_001 | 'FROM->TO' | 'NORTHWEST (NORTWST3) 345/138/13.8KV TRANSFORMER CKT 1' | 493 | 0.0335 | 101.6729 | | 'NOWST302' |
| | FDNS | | 0 | 1 23SP | G10_036 | 'TO->FROM' | 'EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1' | 446 | 0.0337 | 121.2232 | | 'JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1 & JEFFREY ENERGY CENTER - SUMMIT 345KV CKT 1' |
| | FDNS | 00G10_036 | | 1 23SP | G10_036 | 'TO->FROM' | 'EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1' | 446 | 0.0337 | 121.2232 | | 'JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1 & JEFFREY ENERGY CENTER - SUMMIT 345KV CKT 1' |
| | FDNS | | 0 | 1 18SP | G10_036 | 'TO->FROM' | 'EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1' | 446 | 0.0334 | 118.7897 | | 'JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1 & JEFFREY ENERGY CENTER - SUMMIT 345KV CKT 1' |
| | FDNS | 00G10_036 | | 1 18SP | G10_036 | 'TO->FROM' | 'EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1' | 446 | 0.0334 | 118.7897 | | 'JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1 & JEFFREY ENERGY CENTER - SUMMIT 345KV CKT 1' |
| | FDNS | | 0 | 1 18WP | G10_036 | 'TO->FROM' | 'EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1' | 446 | 0.0305 | 106.6227 | | 'JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1 & JEFFREY ENERGY CENTER - SUMMIT 345KV CKT 1' |
| | FDNS | 00G10_036 | | 1 18WP | G10_036 | 'TO->FROM' | 'EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1' | 446 | 0.0305 | 106.6227 | | 'JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1 & JEFFREY ENERGY CENTER - SUMMIT 345KV CKT 1' |
| | FDNS | | 0 | 1 13SP | G10_036 | 'TO->FROM' | 'EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1' | 446 | 0.0312 | 100.6177 | | 'JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1 & JEFFREY ENERGY CENTER - SUMMIT 345KV CKT 1' |
| | FDNS | 00G10_036 | | 1 13SP | G10_036 | 'TO->FROM' | 'EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1' | 446 | 0.0312 | 100.6177 | | 'JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1 & JEFFREY ENERGY CENTER - SUMMIT 345KV CKT 1' |
| | FDNS | 01NR | | 1 13G | G10_040 | 'FROM->TO' | 'CIMARRON - HAYMAKER 138KV CKT 1' | 308 | 0.1241 | 101.1508 | | 'CIMARRONR' |
| | FDNS | 01G10_040 | | 1 13G | G10_040 | 'FROM->TO' | 'CIMARRON - HAYMAKER 138KV CKT 1' | 308 | 0.1084 | 101.0755 | | 'CIMARRONR' |

| EVENTTYPE | SOLUTIONTYPE | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONITORED ELEMENT | RATEB | | TC%LOADING | | |
|-----------|--------------|-----------|----------|--------|--------|-----------|-------------------|--|-----|------------|-------------|--|
| | | | | | | | | (MVA) | TDF | (%MVA) | CONTINGENCY | |
| | FDNS | 00NR | | 1 | 23SP | G10_040 | 'FROM->TO' | 'SEMINOLE 138/20.9KV TRANSFORMER CKT 1' | 898 | 0.0505 | 9999 | 'MSKGE384-13' |
| | FDNS | 00NR | | 1 | 23SP | G10_040 | 'FROM->TO' | 'SEMINOLE 138/20.9KV TRANSFORMER CKT 1' | 898 | 0.0505 | 9999 | 'MSKGE385' |
| | FDNS | 00NR | | 1 | 23SP | G10_040 | 'FROM->TO' | 'SEMINOLE 138/20.9KV TRANSFORMER CKT 1' | 898 | 0.0505 | 9999 | 'SONR181' |
| | FDNS | 00NR | | 1 | 23SP | G10_040 | 'FROM->TO' | 'SEMINOLE 138/20.9KV TRANSFORMER CKT 1' | 898 | 0.0505 | 9999 | 'SONR38' |
| | FDNS | 00NR | | 1 | 23SP | G10_040 | 'FROM->TO' | 'SEMINOLE 138/20.9KV TRANSFORMER CKT 1' | 898 | 0.0505 | 9999 | 'SONR392' |
| | FDNS | 00G10_041 | | 1 | 13WP | G10_041 | 'FROM->TO' | 'AUBURN ROAD - SWISSVALE 230KV CKT 1' | 319 | 0.0388 | 100 | 'JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1 &JEFFREY ENERGY CENTER - SUMMIT 345KV CKT 1' |
| | FDNS | 00G10_041 | | 1 | 23SP | G10_041 | 'FROM->TO' | 'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11' | 660 | 0.0488 | 102.4589 | 'KCPL-C2' |
| | FDNS | 0 | | 1 | 23SP | G10_041 | 'FROM->TO' | 'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11' | 660 | 0.0488 | 102.0369 | 'KCPL-C2' |
| | FDNS | 00G10_041 | | 1 | 23SP | G10_041 | 'FROM->TO' | 'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11' | 660 | 0.0488 | 101.7462 | 'KCPLB-6' |
| | FDNS | 0 | | 1 | 23SP | G10_041 | 'FROM->TO' | 'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11' | 660 | 0.0488 | 101.3191 | 'KCPLB-6' |
| | FDNS | 00G10_041 | | 1 | 23SP | G10_041 | 'FROM->TO' | 'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11' | 660 | 0.0488 | 100.8448 | 'KCPL-C2' |
| | FDNS | 00G10_041 | | 1 | 18SP | G10_041 | 'FROM->TO' | 'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11' | 660 | 0.0517 | 100.4717 | 'KCPL-C2' |
| | FDNS | 0 | | 1 | 23SP | G10_041 | 'FROM->TO' | 'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11' | 660 | 0.0488 | 100.4277 | 'KCPL-C2' |
| | FDNS | 00G10_041 | | 1 | 23SP | G10_041 | 'FROM->TO' | 'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11' | 660 | 0.0488 | 100.1411 | 'KCPLB-6' |
| | FDNS | 00G10_045 | | 1 | 13WP | G10_045 | 'TO->FROM' | 'CLEARWATER - MILAN TAP 138KV CKT 1' | 110 | 0.0489 | 102.8361 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 00G10_045 | | 1 | 13SP | G10_045 | 'TO->FROM' | 'CLEARWATER - MILAN TAP 138KV CKT 1' | 110 | 0.0477 | 102.4238 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0438 | 155.1862 | 'NORTHWEST - SPRING CREEK 345KV CKT 1 &NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0434 | 153.6638 | 'ARCADIA - NORTHWEST 345KV CKT 1 &NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0435 | 153.5457 | 'CIMARRON - NORTHWEST 345KV CKT 1 &NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0435 | 150.0437 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1 &G07-21 345.00 - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0435 | 149.8831 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1 &CRSRDSW7 345.00 - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0435 | 148.523 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1 &G08-19 345.00 - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0493 | 148.1866 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0411 | 140.5108 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0411 | 140.5108 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0435 | 137.2348 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1 &TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0435 | 136.9693 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G08-19 345.00 - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0435 | 136.9481 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &CRSRDSW7 345.00 - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0435 | 136.9459 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G07-21 345.00 - TATONGA7 345.00 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0418 | 132.5412 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &Hitchland Interchange - WOODWARD DISTRICT EHV 345KV CKT 2' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0418 | 130.8456 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0335 | 126.3871 | 'WDWRD69KVPCB' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0435 | 124.0273 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G07-62 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.031 | 122.7612 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1 &STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |

| EVENTTYPE | SOLUTIONTYPE | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONITORED ELEMENT | RATEB | | TC%LOADING | | CONTINGENCY |
|-----------|--------------|-----------|----------|--------|--------|-----------|-------------------|-------------------------------------|-----|------------|----------|--|
| | | | | | | | | (MVA) | TDF | (%MVA) | | |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.031 | 122.0806 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1 &NEXTERA - SWEETWATER 230KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.031 | 122.0658 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1 &ROARK6 230.00 - SWEETWATER 230KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.031 | 121.1811 | 'ELK CITY 230KV - SWEETWATER 230KV CKT 1 &DEMPSEY6 230.00 - SWEETWATER 230KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0305 | 121.0695 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1 &GRACEMONT - LAWTON EASTSIDE 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.031 | 120.8046 | 'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1 &GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0333 | 120.2148 | 'SOONER - WOODRING 345KV CKT 1 &HUNTERS7 345.00 - WOODRING 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.031 | 119.9047 | 'STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1 &GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0302 | 119.8843 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1 &LAWTON EASTSIDE - SUNNYSIDE 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0353 | 118.9246 | 'BENTON - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0353 | 118.9246 | 'BENTON - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0366 | 118.4499 | 'VIOLA 7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0366 | 118.4499 | 'VIOLA 7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.032 | 118.1989 | 'WDRNG383' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0304 | 117.23 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1 &AMARILLO SOUTH INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0303 | 117.0486 | 'HUTCHINSON COUNTY INTERCHANGE - NICHOLS STATION 230KV CKT 1 &GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0303 | 116.9923 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1 &Harrington Station Mid Bus - NICHOLS STATION 230KV CKT 2' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0303 | 116.9778 | 'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1 &HARRINGTON STATION - NICHOLS STATION 230KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.034 | 116.7077 | 'RENO COUNTY - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.034 | 116.7077 | 'RENO COUNTY - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0339 | 116.5589 | 'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0339 | 116.5589 | 'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0373 | 116.2748 | 'BENTON - WICHITA 345KV CKT 1 &VIOLA 7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0324 | 114.44 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 &CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0324 | 114.44 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 &CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 2' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0324 | 114.44 | 'THISTLE7 345.00 - WICHITA 345KV CKT 2 &CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0324 | 114.44 | 'THISTLE7 345.00 - WICHITA 345KV CKT 2 &CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 2' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0303 | 114.0952 | 'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0303 | 114.0952 | 'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0303 | 114.0952 | 'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2 &THISTLE7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0303 | 114.0952 | 'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2 &THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03 | 114.059 | 'WDRNG313' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0326 | 113.7687 | 'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1 &BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0332 | 113.3651 | 'CHSHLMV7 345.00 - HUNTERS7 345.00 345KV CKT 1 &HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0332 | 113.3152 | 'HUNTERS7 345.00 - WOODRING 345KV CKT 1 &HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1' |

| EVENTTYPE | SOLUTIONTYPE | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONITORED ELEMENT | RATEB | | TC%LOADING | | CONTINGENCY |
|-----------|--------------|-----------|----------|--------|--------|-----------|-------------------|-------------------------------------|-----|------------|----------|---|
| | | | | | | | | (MVA) | TDF | (%MVA) | | |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0305 | 113.3109 | 'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1 &OKLAUN - OKLAUNION 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0305 | 113.292 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1 &OKLAUNION - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0332 | 113.2338 | 'HUNTERS7 345.00 - WOODRING 345KV CKT 1 &CHSHLMV7 345.00 - HUNTERS7 345.00 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0305 | 113.1694 | 'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1 &OKLAUN - OKLAUNION 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0332 | 112.6514 | 'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1 &G07-25 345.00 - VIOLA 7 345.00 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0332 | 112.5962 | 'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1 &G10-05 345.00 - VIOLA 7 345.00 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0332 | 112.4629 | 'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1 &VIOLA 7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0329 | 112.2127 | 'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0302 | 112.1467 | 'NOWST302' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0325 | 112.1198 | 'POST ROCK - SPEARVILLE 345KV CKT 1 &AXTELL - POST ROCK 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0349 | 112.1096 | 'POST ROCK - SPEARVILLE 345KV CKT 1 &BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03 | 112.0298 | 'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03 | 112.0298 | 'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0322 | 111.9166 | 'POST ROCK - SPEARVILLE 345KV CKT 1 &G06-06 345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0322 | 111.8848 | 'POST ROCK - SPEARVILLE 345KV CKT 1 &G08-124 345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0322 | 111.8842 | 'POST ROCK - SPEARVILLE 345KV CKT 1 &G10-15 345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0322 | 111.8552 | 'POST ROCK - SPEARVILLE 345KV CKT 1 &G05-12 345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0302 | 111.6196 | 'NOWST303' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0328 | 111.5579 | 'CIMARRON - WOODRING 345KV CKT 1 &HUNTERS7 345.00 - WOODRING 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0319 | 111.4898 | 'POST ROCK - SPEARVILLE 345KV CKT 1 &CLARKCOUNTY7345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0319 | 111.4898 | 'POST ROCK - SPEARVILLE 345KV CKT 1 &CLARKCOUNTY7345.00 - SPEARVILLE 345KV CKT 2' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0332 | 111.1211 | 'VIOLA 7 345.00 - WICHITA 345KV CKT 1 &G10-05 345.00 - VIOLA 7 345.00 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0332 | 110.9998 | 'VIOLA 7 345.00 - WICHITA 345KV CKT 1 &G07-25 345.00 - VIOLA 7 345.00 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0322 | 110.4597 | 'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0316 | 110.1489 | 'BENTON - WICHITA 345KV CKT 1 &BENTON - WOLF CREEK 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0305 | 110.1223 | 'CANEYRV7 345.00 - NEOSHO 345KV CKT 1 &LACYGNE - NEOSHO 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0308 | 110.1219 | 'BENTON - ROSE HILL 345KV CKT 1 &ROSE HILL - WOLF CREEK 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0337 | 109.9892 | 'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 &VIOLA 7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03 | 109.9108 | 'CMARN383' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0326 | 109.8954 | 'MINGO - SETAB 345KV CKT 1 &MINGO - RED WILLOW 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0316 | 109.8892 | 'RENO COUNTY - WICHITA 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0315 | 109.8635 | 'CIMARRON - NORTHWEST 345KV CKT 1 &ARCADIA - NORTHWEST 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0301 | 109.8348 | 'CIMARRON - NORTHWEST 345KV CKT 1 &CANADIN7 345.00 - CIMARRON 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 | 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0318 | 109.7172 | 'BENTON - ROSE HILL 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1' |

| EVENTTYPE | SOLUTIONTYPE | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONITORED ELEMENT | RATEB | | TC%LOADING | | CONTINGENCY |
|-----------|--------------|-----------|----------|--------|---------|------------|---|-------|--------|------------|--|--|
| | | | | | | | | (MVA) | TDF | (%MVA) | | |
| | FDNS | 03G10_045 | | 1 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0332 | 109.6301 | | 'RENO COUNTY - WICHITA 345KV CKT 1 &VIOLA 7 345.00 - WICHITA 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0301 | 109.5851 | | 'CIMARRON - MINCO 345KV CKT 1 &CIMARRON - NORTHWEST 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0323 | 109.4802 | | 'HOLCOMB - SETAB 345KV CKT 1 &MINGO - SETAB 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0321 | 109.3794 | | 'MINGO - SETAB 345KV CKT 1 &G08-17 345.00 - SETAB 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0312 | 109.3723 | | 'BKR-AXT-3308' |
| | FDNS | 03G10_045 | | 1 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0312 | 109.3304 | | 'AXTELL - POST ROCK 345KV CKT 1 &AXTELL - SWEETWATER 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0323 | 109.3107 | | 'MINGO - RED WILLOW 345KV CKT 1 &GERALD GENTLEMAN STATION - RED WILLOW 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0323 | 109.3055 | | 'BKR-RW-3302' |
| | FDNS | 03G10_045 | | 1 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0312 | 109.2248 | | 'AXTELL - POST ROCK 345KV CKT 1 &AXTELL - PAULINE 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0308 | 109.0606 | | 'CIRCLE - MULLERGREN 230KV CKT 1 &MULLERGREN - SPEARVILLE 230KV CKT 1' |
| | FDNS | 03G10_045 | | 1 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0305 | 109.0015 | | 'MULLERGREN - SOUTH HAYS 230KV CKT 1 &MULLERGREN - SPEARVILLE 230KV CKT 1' |
| | FDNS | 03G10_045 | | 1 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0316 | 108.5893 | | 'HOLCOMB - SETAB 345KV CKT 1 &G08-17 345.00 - SETAB 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0351 | 108.3344 | | 'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1 &G05-12 345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0351 | 108.2442 | | 'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1 &G06-06 345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0351 | 108.2165 | | 'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1 &G08-124 345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0351 | 108.2138 | | 'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1 &G10-15 345.00 - SPEARVILLE 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0303 | 108.1645 | | 'MULLERGREN - SPEARVILLE 230KV CKT 1 &G04_014 230.00 - SPEARVILLE 230KV CKT 1' |
| | FDNS | 03G10_045 | | 1 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0304 | 108.1453 | | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 &EAST MCPHERSON - SUMMIT 230KV CKT 1' |
| | FDNS | 03G10_045 | | 1 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0301 | 108.1397 | | 'NORTHWEST - SPRING CREEK 345KV CKT 1 &CIMARRON - NORTHWEST 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0303 | 108.0952 | | 'HEIZER 6 230.00 - MULLERGREN 230KV CKT 1 &MULLERGREN - SPEARVILLE 230KV CKT 1' |
| | FDNS | 03G10_045 | | 1 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0303 | 108.0951 | | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 &SUMMIT - UNIONRG6 230.00 230KV CKT 1' |
| | FDNS | 03G10_045 | | 1 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.031 | 107.3195 | | 'DEMPSEY6 230.00 - SWEETWATER 230KV CKT 1 &STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |
| | FDNS | 03G10_045 | | 1 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.031 | 106.4736 | | 'NEXTERA - SWEETWATER 230KV CKT 1 &STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |
| | FDNS | 03G10_045 | | 1 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.031 | 106.4502 | | 'ROARK6 230.00 - SWEETWATER 230KV CKT 1 &STATELINE INTERCHANGE - SWEETWATER 230KV CKT &1' |
| | FDNS | 03G10_045 | | 1 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.03 | 103.9858 | | 'NORTHEAST STATION - ONETA 345KV CKT 1 &DELAWARE - NORTHEAST STATION 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0307 | 103.8672 | | 'Hitchland Interchange - POTTER COUNTY INTERCHANGE 345KV CKT 1 &BEAVER CO 345.00 - Hitchland Interchange 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0307 | 103.5534 | | 'Hitchland Interchange - WOODWARD DISTRICT EHV 345KV CKT 2 &Hitchland Interchange - POTTER COUNTY INTERCHANGE 345KV CKT 1' |
| | FDNS | 03G10_045 | | 1 13G | G10_045 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0329 | 103.1274 | | 'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G07-62 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 00G10_045 | | 1 13WP | G10_045 | 'FROM->TO' | 'HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.0489 | 126.8276 | | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 00G10_045 | | 1 13SP | G10_045 | 'FROM->TO' | 'HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.0477 | 126.7228 | | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 00G10_045 | | 1 18WP | G10_045 | 'FROM->TO' | 'HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.0479 | 123.8342 | | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 0 | | 1 13SP | G10_045 | 'FROM->TO' | 'HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.0478 | 101.4366 | | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 0 | | 1 13WP | G10_045 | 'FROM->TO' | 'HARPER - MILAN TAP 138KV CKT 1' | 95.6 | 0.0489 | 101.3288 | | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| | FDNS | 00G10_045 | | 1 23SP | G10_045 | 'FROM->TO' | 'HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1' | 250 | 0.0338 | 122.7347 | | 'HITCHLAND INTERCHANGE - OCHILTREE 230KV CKT 1 &HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1' |

| EVENTTYPE | SOLUTIONTYPE | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONITORED ELEMENT | RATEB | | TC%LOADING | | CONTINGENCY |
|-----------|--------------|-------|----------|--------|--------|-----------|-------------------|---|-------|------------|----------|---|
| | | | | | | | | (MVA) | TDF | (%MVA) | | |
| FDNS | | 0 | | 1 | 23SP | G10_045 | 'FROM->TO' | 'HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1' | 250 | 0.0338 | 118.1865 | 'HITCHLAND INTERCHANGE - OCHILTREE 230KV CKT 1 &HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1' |
| FDNS | 00G10_045 | | | 1 | 23SP | G10_045 | 'FROM->TO' | 'HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1' | 250 | 0.0338 | 117.7576 | 'HITCHLAND INTERCHANGE - OCHILTREE 230KV CKT 1 &HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1' |
| FDNS | | 0 | | 1 | 23SP | G10_045 | 'FROM->TO' | 'HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1' | 250 | 0.0338 | 113.1738 | 'HITCHLAND INTERCHANGE - OCHILTREE 230KV CKT 1 &HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1' |
| FDNS | 03G10_045 | | | 1 | 13G | G10_045 | 'TO->FROM' | 'MULLERGREN - SPEARVILLE 230KV CKT 1' | 355.3 | 0.1177 | 114.2161 | 'POST ROCK - SPEARVILLE 345KV CKT 1 &CLARKCOUNTY7345.00 - SPEARVILLE 345KV CKT 1' |
| FDNS | 03G10_045 | | | 1 | 13G | G10_045 | 'TO->FROM' | 'MULLERGREN - SPEARVILLE 230KV CKT 1' | 355.3 | 0.1177 | 114.2161 | 'POST ROCK - SPEARVILLE 345KV CKT 1 &CLARKCOUNTY7345.00 - SPEARVILLE 345KV CKT 2' |
| FDNS | 03G10_045 | | | 1 | 13G | G10_045 | 'TO->FROM' | 'MULLERGREN - SPEARVILLE 230KV CKT 1' | 355.3 | 0.1067 | 105.5741 | 'POST ROCK - SPEARVILLE 345KV CKT 1 &G05-12 345.00 - SPEARVILLE 345KV CKT 1' |
| FDNS | 03G10_045 | | | 1 | 13G | G10_045 | 'TO->FROM' | 'MULLERGREN - SPEARVILLE 230KV CKT 1' | 355.3 | 0.1067 | 105.3445 | 'POST ROCK - SPEARVILLE 345KV CKT 1 &G06-06 345.00 - SPEARVILLE 345KV CKT 1' |
| FDNS | 03G10_045 | | | 1 | 13G | G10_045 | 'TO->FROM' | 'MULLERGREN - SPEARVILLE 230KV CKT 1' | 355.3 | 0.1067 | 105.2771 | 'POST ROCK - SPEARVILLE 345KV CKT 1 &G08-124 345.00 - SPEARVILLE 345KV CKT 1' |
| FDNS | 03G10_045 | | | 1 | 13G | G10_045 | 'TO->FROM' | 'MULLERGREN - SPEARVILLE 230KV CKT 1' | 355.3 | 0.1067 | 105.2746 | 'POST ROCK - SPEARVILLE 345KV CKT 1 &G10-15 345.00 - SPEARVILLE 345KV CKT 1' |
| FDNS | 03G10_045 | | | 1 | 13G | G10_045 | 'TO->FROM' | 'MULLERGREN - SPEARVILLE 230KV CKT 1' | 355.3 | 0.0985 | 100.4288 | 'POST ROCK - SPEARVILLE 345KV CKT 1 &AXTELL - POST ROCK 345KV CKT 1' |
| FDNS | 06G10_046 | | | 1 | 13G | G10_046 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0386 | 116.6564 | 'NORTHWEST - SPRING CREEK 345KV CKT 1 &NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| FDNS | 06G10_046 | | | 1 | 13G | G10_046 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0387 | 115.4011 | 'ARCADIA - NORTHWEST 345KV CKT 1 &NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| FDNS | 06G10_046 | | | 1 | 13G | G10_046 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0386 | 115.2051 | 'CIMARRON - NORTHWEST 345KV CKT 1 &NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| FDNS | 06G10_046 | | | 1 | 13G | G10_046 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0388 | 111.6629 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1 &G07-21 345.00 - TATONGA7 345.00 345KV CKT 1' |
| FDNS | 06G10_046 | | | 1 | 13G | G10_046 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0388 | 111.3198 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1 &CRSRDSW7 345.00 - TATONGA7 345.00 345KV CKT 1' |
| FDNS | 06G10_046 | | | 1 | 13G | G10_046 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0388 | 110.1751 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1 &G08-19 345.00 - TATONGA7 345.00 345KV CKT 1' |
| FDNS | 06G10_046 | | | 1 | 13G | G10_046 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0493 | 109.3634 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| FDNS | 06G10_046 | | | 1 | 13G | G10_046 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0493 | 109.3634 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2' |
| FDNS | 06G10_046 | | | 1 | 13G | G10_046 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0361 | 101.0884 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| FDNS | 00G10_046 | | | 1 | 23SP | G10_046 | 'FROM->TO' | 'JONES STATION - LUBBOCK SOUTH INTERCHANGE 230KV CKT 1' | 502 | 0.0388 | 104.2745 | 'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2 &Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' |
| FDNS | | 0 | | 1 | 23SP | G10_046 | 'FROM->TO' | 'JONES STATION - LUBBOCK SOUTH INTERCHANGE 230KV CKT 1' | 502 | 0.0388 | 104.2691 | 'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2 &Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1' |
| FDNS | 04G10_048 | | | 1 | 13G | G10_048 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0313 | 125.417 | 'NORTHWEST - SPRING CREEK 345KV CKT 1 &NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| FDNS | 04G10_048 | | | 1 | 13G | G10_048 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0309 | 123.9516 | 'ARCADIA - NORTHWEST 345KV CKT 1 &NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| FDNS | 04G10_048 | | | 1 | 13G | G10_048 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0309 | 123.8168 | 'CIMARRON - NORTHWEST 345KV CKT 1 &NORTHWEST - TATONGA7 345.00 345KV CKT 1' |
| FDNS | 04G10_048 | | | 1 | 13G | G10_048 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.031 | 120.2819 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1 &G07-21 345.00 - TATONGA7 345.00 345KV CKT 1' |
| FDNS | 04G10_048 | | | 1 | 13G | G10_048 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.031 | 119.9817 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1 &CRSRDSW7 345.00 - TATONGA7 345.00 345KV CKT 1' |
| FDNS | 04G10_048 | | | 1 | 13G | G10_048 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.031 | 118.8104 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1 &G08-19 345.00 - TATONGA7 345.00 345KV CKT 1' |
| FDNS | 04G10_048 | | | 1 | 13G | G10_048 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0363 | 115.7508 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| FDNS | 04G10_048 | | | 1 | 13G | G10_048 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0305 | 111.4805 | 'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2' |
| FDNS | 04G10_048 | | | 1 | 13G | G10_048 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.031 | 107.3012 | 'NORTHWEST - TATONGA7 345.00 345KV CKT 1 &TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| FDNS | 04G10_048 | | | 1 | 13G | G10_048 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.031 | 107.0432 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G08-19 345.00 - TATONGA7 345.00 345KV CKT 1' |
| FDNS | 04G10_048 | | | 1 | 13G | G10_048 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.031 | 107.018 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &CRSRDSW7 345.00 - TATONGA7 345.00 345KV CKT 1' |
| FDNS | 04G10_048 | | | 1 | 13G | G10_048 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.031 | 107.0153 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G07-21 345.00 - TATONGA7 345.00 345KV CKT 1' |
| FDNS | 04G10_048 | | | 1 | 13G | G10_048 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0305 | 103.72 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &Hitchland Interchange - WOODWARD DISTRICT EHV 345KV CKT 2' |

| EVENTTYPE | SOLUTIONTYPE | GROUP | SCENARIO | SEASON | SOURCE | DIRECTION | MONITORED ELEMENT | RATEB | | TC%LOADING | | CONTINGENCY |
|-----------|--------------|-----------|----------|--------|--------|-----------|-------------------|--|-----|------------|----------|--|
| | | | | | | | | (MVA) | TDF | (%MVA) | | |
| | FDNS | 04G10_048 | | 1 | 13G | G10_048 | 'TO->FROM' | 'FPL SWITCH - WOODWARD 138KV CKT 1' | 153 | 0.0305 | 101.9724 | 'TATONGA7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 & BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1' |
| | FDNS | 04G10_048 | | 1 | 13G | G10_048 | 'FROM->TO' | 'HOLCOMB (HOLCOMB) 345/115/13.8KV TRANSFORMER CKT 1' | 336 | 0.0458 | 101.4513 | 'HOLCOMB - SETAB 345KV CKT 1 & MINGO - SETAB 345KV CKT 1' |
| | FDNS | 04G10_048 | | 1 | 13G | G10_048 | 'FROM->TO' | 'HOLCOMB (HOLCOMB) 345/115/13.8KV TRANSFORMER CKT 1' | 336 | 0.0458 | 100.9448 | 'HOLCOMB - SETAB 345KV CKT 1 & MINGO - SETAB 345KV CKT 1' |
| | FDNS | 04G10_048 | | 1 | 13G | G10_048 | 'FROM->TO' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.1392 | 104.2711 | 'CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 1 & CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 2' |
| | FDNS | 04NR | | 1 | 13G | G10_048 | 'FROM->TO' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.0496 | 104.243 | 'CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 1 & CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 2' |
| | FDNS | 04G10_048 | | 1 | 13G | G10_048 | 'FROM->TO' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.1392 | 104.1251 | 'CLARKCOUNTY7345.00 - SPEARVILLE 345KV CKT 1 & CLARKCOUNTY7345.00 - SPEARVILLE 345KV CKT 2' |
| | FDNS | 04NR | | 1 | 13G | G10_048 | 'FROM->TO' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.0496 | 104.097 | 'CLARKCOUNTY7345.00 - SPEARVILLE 345KV CKT 1 & CLARKCOUNTY7345.00 - SPEARVILLE 345KV CKT 2' |
| | FDNS | 04G10_048 | | 1 | 13G | G10_048 | 'FROM->TO' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.2294 | 101.1918 | 'POST ROCK - SPEARVILLE 345KV CKT 1 & AXTELL - POST ROCK 345KV CKT 1' |
| | FDNS | 04NR | | 1 | 13G | G10_048 | 'FROM->TO' | 'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1' | 319 | 0.19 | 101.1462 | 'POST ROCK - SPEARVILLE 345KV CKT 1 & AXTELL - POST ROCK 345KV CKT 1' |
| | FDNS | 00G10_051 | | 1 | 23SP | G10_051 | 'FROM->TO' | 'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11' | 660 | 0.0573 | 103.7393 | 'KCPL-C2' |
| | FDNS | 00G10_051 | | 1 | 23SP | G10_051 | 'FROM->TO' | 'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11' | 660 | 0.0573 | 103.0267 | 'KCPLB-6' |
| | FDNS | 00G10_051 | | 1 | 23SP | G10_051 | 'FROM->TO' | 'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11' | 660 | 0.0573 | 102.0822 | 'KCPL-C2' |
| | FDNS | 0 | | 1 | 23SP | G10_051 | 'FROM->TO' | 'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11' | 660 | 0.0573 | 102.0369 | 'KCPL-C2' |
| | FDNS | 00G10_051 | | 1 | 18SP | G10_051 | 'FROM->TO' | 'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11' | 660 | 0.062 | 101.8483 | 'KCPL-C2' |
| | FDNS | 00G10_051 | | 1 | 23SP | G10_051 | 'FROM->TO' | 'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11' | 660 | 0.0573 | 101.379 | 'KCPLB-6' |
| | FDNS | 0 | | 1 | 23SP | G10_051 | 'FROM->TO' | 'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11' | 660 | 0.0573 | 101.3191 | 'KCPLB-6' |
| | FDNS | 00G10_051 | | 1 | 18SP | G10_051 | 'FROM->TO' | 'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11' | 660 | 0.062 | 101.1321 | 'KCPLB-6' |
| | FDNS | 0 | | 1 | 23SP | G10_051 | 'FROM->TO' | 'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11' | 660 | 0.0573 | 100.4277 | 'KCPL-C2' |
| | FDNS | 00G10_051 | | 1 | 18SP | G10_051 | 'FROM->TO' | 'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11' | 660 | 0.062 | 100.235 | 'KCPL-C2' |