



**Definitive Interconnection
System Impact Study for
Generation Interconnection
Requests
(DISIS-2011-002-2)**

February 2013

Generation Interconnection

Revision History

Date	Author	Change Description
01/31/2012	SPP	Report Issued (DISIS-2011-002)
06/14/2012	SPP	Account for Withdrawn Projects, Report Re-Posted (DISIS-2011-002-1)
2/1/2013	SPP	Account for Withdrawn Projects, Report Re-Posted (DISIS-2011-002-2)

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, 2011. The customers will be referred to in this study as the DISIS-2011-002 Interconnection Customers. This System Impact Study analyzes the interconnecting of multiple generation interconnection requests associated with new generation totaling approximately 2,103.1 MW of new generation which would be located within the transmission systems of American Electric Power-West (AEPW), Midwest Energy Inc. (MIDW), Nebraska Public Power District (NPPD), 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), Westar Energy (WERE), and Western Farmers Electric Cooperative (WFEC). 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-2011-002 study and/or higher queued projects withdrawing.

Power flow analysis has indicated that for the power flow cases studied, 2,103.1 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-2011-002 interconnection customers is \$105,916,000. These costs are shown in Appendix E and F. Interconnection Service to DISIS-2011-002 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, 2011. The customers will be referred to in this study as the DISIS-2011-002 Interconnection Customers. This System Impact Study analyzes the interconnecting of multiple generation interconnection requests associated with new generation totaling 2,103.1 MW of new generation which would be located within the transmission systems of American Electric Power-West (AEPW), Midwest Energy Inc. (MIDW), Nebraska Public Power District (NPPD), 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), Westar Energy (WERE), and Western Farmers Electric Cooperative (WFEC). 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-2011-002 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.

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.

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, 2011 and were subsequently accepted by Southwest Power Pool under the terms of the Generator Interconnection Procedures (GIP). The interconnection requests that are included in this study are listed in Appendix A.

Affected System Interconnection Requests

Also included in this Definitive Impact Study is a single Affected System Study, located on the Golden Spread Electric Cooperative, Inc. (GSEC) system, which shreas connections to the SPS system. The Affected System Study Requests has been given the designations: ASGI-2011-004 (20 MW, POI is Pleasant Hill 69kV).

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. Prior queued projects that requested Network Resource Interconnection Service (NRIS) were dispatched in an additional analysis into the balancing authority of the interconnecting transmission owner.

Development of Base Cases

Power Flow

The 2012 series Transmission Service Request (TSR) Models 2013 spring, 2013 summer and winter peak, 2013 summer and winter peak, and the 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-2011-002 Customers have not been assigned acceleration costs for the below listed projects. The DISIS-2011-002 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 – Ochiltree 230kV Project, scheduled for 2/1/2013 in-service
- Balanced Portfolio Projects⁴:
 - 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
 - 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 Projects⁵:
 - Hitchland – Woodward double circuit 345kV, scheduled for 6/30/2014 in-service
 - Hitchland 345/230kV circuit #2 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 Upgrades⁶
 - Harper – Flat Ridge 138kV rebuild, scheduled for 6/15/2013 in-service
 - Flat Ridge – Medicine Lodge 138kV rebuild, scheduled for 12/31/2013 in-service
 - Pratt – Medicine Lodge 115kV rebuild, scheduled for 6/15/2014 in-service
 - Medicine Lodge 138/115kV autotransformer replacement, scheduled for 6/1/2013 in-service
- Northwest 345/138/13.8kV circuit #3 autotransformer, scheduled for 6/1/2017 in-service⁷
- Woodward (OKGE) – Woodward (WFEC) 69kV rebuild, scheduled for 12/1/2013 in-service⁸
- Sheldon – SW7th and Pleasant Hill 115kV circuit #2 rebuild, scheduled for 5/15/2013 in-service⁹

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 Notice to Construct (NTC) issued June 2009.

⁵ Notice to Construct (NTC) issued June 2010.

⁶ SPP Transmission Service Projects identified in SPP-2007-AG3-AFS-9.

⁷ SPP Transmission Service Project identified in SPP-2009-AG2-AFS6. Per SPP-NTC-20137.

⁸ SPP Regional Reliability Project. Per SPP-NTC-20003.

- Moundridge 138/115/13.8kV autotransformer circuit #2, scheduled for 12/1/2014 in-service¹⁰

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-2011-002 study and are assumed to be in service. This list may not be all inclusive. The DISIS-2011-002 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 interconnection queue. The DISIS-2011-002 Customer Generation Facilities in service dates may need to be delayed until the completion of the following upgrades.

- Upgrades assigned to ICS-2008-001 Interconnection Customers
 - Line Traps at Amarillo South – Swisher 230kV
 - Finney-Holcomb 345kV circuit #2
- Upgrades assigned to DISIS-2009-001 Interconnection Customers:
 - Fort Dodge – North Fort Dodge – Spearville 115kV circuit #2
 - Albion – Petersburg – Neligh 115kV circuit #1 rerate (placed In-Service in 2011)
 - Fort Randall – Madison County – Kelly 230kV circuit #1 rerate (320MVA)
 - Spearville 345/115kV autotransformer circuit #1
- Upgrades assigned to DISIS-2010-001 Interconnection Customers:
 - Post Rock 345/230kV circuit #2 autotransformer
 - South Hays – Hays Plant – Vine Street 115kV circuit #1 rebuild
 - Switch 2749 – Wildorado 69kV circuit # 1 rebuild
 - Washita – Gracemont 138kV circuit #2 (placed In-Service in 2012)
- Upgrades assigned to DISIS-2010-002 Interconnection Customers:
 - Twin Church – Dixon County 230kV circuit #1 rerate (320MVA)
- Upgrades assigned to DISIS-2011-001 Interconnection Customers:
 - Beaver County – Buckner 345kV circuit #1 build
 - Beaver County 345kV Expansion (Tap & Tie Hitchland – Woodward circuit #2 into Beaver County 345kV)
 - Spearville – Mullergren – Reno double circuit 345kV build
 - Tatonga – Matthewson - Cimarron 345kV circuit #2 build
 - Tatonga terminal equipment upgrade (1792 MVA)
 - Rice County – Circle 230kV conversion
 - Rice County – Lyons 115kV rebuild
 - Rice County 230/115kV autotransformer
 - Lyons – Wheatland 115kV rerate (199 MVA)
 - Hoskins – Dixon County – Twin Church 230kV circuit #1 rerate
 - (NRIS only) Spearville – Mullergren 230kV circuit #1 rebuild

⁹ SPP Regional Reliability 2012 ITPNT Project. Per SPP-NTC-200171.

¹⁰ SPP Regional Reliability 2012 ITP10 Project. Per SPP-NTC-200181.

- (NRIS only) Benton – Wichita 345kV circuit #1 rerate (1195MVA)
- (NRIS only) FPL Switch – Woodward - Mooreland 138kV circuit #1 rebuild
- (NRIS only) Glass Mountain – Mooreland 138kV rebuild
- (NRIS only) Woodward – Woodward EHV 138kV rebuild
- (NRIS only) Woodward 138/69kV auto replacement
- (NRIS only) Woodward (OGE) – Woodward (WFEC) 69kV rebuild

Potential Upgrades Not in the Base Case

Any potential upgrades that do not have a Notification to Construct (NTC) and not explicitly listed within this report 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 generation dispatch scenarios of the spring base case models were developed to accommodate the regional groupings.

Power Flow

For each group, the various wind generating plants were modeled at 100% nameplate of maximum generation. The other wind generating plants in each area were modeled at 80% nameplate while the wind generating plants in the other areas were modeled at 20% nameplate of maximum generation. 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. Other sensitivity analyses are also performed with each interconnection request modeled at 100% nameplate.

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 the 2023 summer 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 thermal 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 have requested Network Resource Interconnection Service (NRIS) were also studied in the 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 Z2 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.

Required Interconnection Facilities

The requirement to interconnect the 2,103.1 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 \$105,916,000. 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 that were identified and used for mitigation are listed in Appendix G. Listed within Appendix G are the ERIS constraints with greater than or equal to a 20% DF, as well as, the NRIS constraints that have a DF of 3% or greater. Other Network Constraints which are not requiring mitigation 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. Additional constraints identified by NERC category “C” contingencies are listed in Appendix P.

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, 2018 summer and winter peak, and then 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, SPS, SUNC, WFEC, and WERE transmission systems under system intact and contingency conditions in the peak seasons.

Cluster Group 1 (Woodward Area)

In addition to the 4,549.4 MW of previously queued generation in the area, 404.4 MW of new interconnection service was studied. With previously allocated network upgrades in the model, no new ERIS constraints for mitigation were found in this area. For interconnection customers that requested NRIS, a number of additional upgrades may have been identified and listed in Appendices E and F.

MONTCOMMONNAME	RATEB	TC%LOADING	CONTNAME
'CIMARRON (CIMARON2) 345/138/13.8KV TRANSFORMER CKT 1'	493	100.9197	'CIMARRON (CIMARON1) 345/138/13.8KV TRANSFORMER CKT 1'
CHISHOLM - MAIZEE 4 138.00 138KV CKT 1'	382	107.2417	'BENTON - WICHITA 345KV CKT 1'
'EVANS ENERGY CENTER NORTH - MAIZEW 4 138.00 138KV CKT 1'	382	112.1449	'BENTON - WICHITA 345KV CKT 1'

Cluster Group 2 (Hitchland Area)

In addition to the 3,180.2 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 3 (Spearville Area)

In addition to the 4,741.5 MW of previously queued generation in the area, 480.0 MW of new interconnection service was studied. With previously allocated network upgrades to higher queued customers included in the analysis, no new ERIS constraints were found in this area. However, withdrawal of higher queued requests will cause a need for a restudy to determine this Group’s cost allocation for network upgrades. NRIS constraints are listed below.

MONTCOMMONNAME	RATEB	TC%LOADING	CONTNAME
'BENTON - WICHITA 345KV CKT 1'	932	111.4089	'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1'

Cluster Group 4 (NW Kansas Group)

In addition to the 2,188.1 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 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 2,033.3 MW of previously queued generation in the area, 427.0 MW of new interconnection service was studied. Line traps will need to be upgraded to relieve thermal overloads are seeing on Mustang – Yoakum and AMCO Wasson – Yoakum. Additionally, for

interconnection customers that requested NRIS, a number of additional upgrades may have been identified and listed in Appendices E and F.

MONTCOMMONNAME	RATEB	TC%LOADING	CONTNAME
'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1'	361	103.0528	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1'	361	103.0528	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	102.3461	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'
'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	102.6399	'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1'
'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	111.2986	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'
'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	100.9686	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	102.3461	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'
'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	102.6399	'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1'
'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	111.2986	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'
'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	100.9686	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	100.9265	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	100.9265	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2'	351	102.3485	'JONES STATION - LUBBOCK SOUTH INTERCHANGE 230KV CKT 1'
'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2'	351	105.3829	'JONES STATION - LUBBOCK SOUTH INTERCHANGE 230KV CKT 1'
'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1'	361	103.0528	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1'	361	103.0528	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	102.3461	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'
'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	102.6399	'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1'
'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	111.2986	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'
'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	100.9686	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	102.3461	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV

			CKT 1'
'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	102.6399	'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1'
'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	111.2986	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'
'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	100.9686	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	100.9265	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	100.9265	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2'	351	110.8969	'JONES STATION - LUBBOCK SOUTH INTERCHANGE 230KV CKT 1'
'ALLEN SUB - LUBBOCK SOUTH INTERCHANGE 115KV CKT 1'	160	106.517	'CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1'
'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2'	351	110.8969	'JONES STATION - LUBBOCK SOUTH INTERCHANGE 230KV CKT 1'
'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	290	105.4056	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'
'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	290	114.6569	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'
'YOAKUM COUNTY INTERCHANGE (PENN C010585) 230/115/13.2KV TRANSFORMER CKT 2'	150	101.07	'YOAKUM COUNTY INTERCHANGE (GE M100899) 230/115/13.2KV TRANSFORMER CKT 1'
'YOAKUM COUNTY INTERCHANGE (PENN C010585) 230/115/13.2KV TRANSFORMER CKT 2'	150	104.5804	'YOAKUM COUNTY INTERCHANGE (GE M100899) 230/115/13.2KV TRANSFORMER CKT 1'
'YOAKUM COUNTY INTERCHANGE (GE M100899) 230/115/13.2KV TRANSFORMER CKT 1'	150	100.8829	'YOAKUM COUNTY INTERCHANGE (PENN C010585) 230/115/13.2KV TRANSFORMER CKT 2'

Cluster Group 7 (Southwestern Oklahoma)

In addition to the 1,669.0 MW of previously queued generation in the area, 257.0 MW of new interconnection service was studied. No new ERIS constraints were found in this area. For interconnection customers that requested NRIS, The upgrades listed below will need transmission reinforcements for mitigation.

MONTCOMMONNAME	RATEB	TC%LOADING	CONTNAME
'CHISHOLM - MAIZEE 4 138.00 138KV CKT 1'	382	107.2417	'BENTON - WICHITA 345KV CKT 1'
'EVANS ENERGY CENTER NORTH - MAIZEW 4 138.00 138KV CKT 1'	382	112.1449	'BENTON - WICHITA 345KV CKT 1'

Cluster Group 8 (South Central Kansas/North Oklahoma)

In addition to the 1,835.9 MW of previously queued generation in the area, 150.4 MW of new interconnection service was studied. No new constraints were found in this area.

Cluster Group 9/10 (Nebraska)

In addition to the 1,665.1 MW of previously queued generation in the area, 163.5 MW of new interconnection service was studied. Outlet issues require mitigation for both of the two larger requests in this group. To interconnect GEN-2010-044, new 115kV transmission line is needed from Harbine – Crete. The requirements to interconnect GEN-2011-055 include rebuilding and reconfiguration of the POI substation, as well as, replacement of some additional terminal equipment at other substations. Additionally, for interconnection customers that requested NRIS, a number of additional upgrades were identified.

MONTCOMMONNAME	RATEB	TC%LOADING	CONTNAME
'BEATRICE - HARBINE 115KV CKT 1'	99	95.4	'FAIRBURY - HARBINE 115KV CKT 1'
'BEATRICE - HARBINE 115KV CKT 1'	99	96.1	'LN-1175B'
'BEATRICE POWER STATION - CLATONIA 115KV CKT 1'	137	102.8328	'BEATRICE POWER STATION - SHELDON 115KV CKT 1'
'CLATONIA - SHELDON 115KV CKT 1'	137	98.5	'BEATRICE POWER STATION - SHELDON 115KV CKT 1'
'FAIRBURY - HARBINE 115KV CKT 1'	99	96.5	'BEATRICE - HARBINE 115KV CKT 1'
'BEATRICE POWER STATION - CLATONIA 115KV CKT 1'	137	115.9381	'BEATRICE POWER STATION - SHELDON 115KV CKT 1'
'CLATONIA - SHELDON 115KV CKT 1'	137	114.2571	'BEATRICE POWER STATION - SHELDON 115KV CKT 1'
'BEATRICE - HARBINE 115KV CKT 1'	99	97.5	'BAILEYVILLE N.M. STATION (NEMAHA MARSHALL R - SOUTH SENECA 115KV CKT 1'
'BEATRICE - HARBINE 115KV CKT 1'	99	98.1	'BAILEYVILLE N.M. STATION (NEMAHA MARSHALL R - SMITTYVILLE N.M. COOP (NEMAHA MARSHALL R.E. 115KV CKT 1'
'BEATRICE - HARBINE 115KV CKT 1'	99	99.1	'KNOB HILL - STEELE CITY 115KV CKT 1'
'BEATRICE - HARBINE 115KV CKT 1'	99	100.37	'HOYT - STRANGER CREEK 345KV CKT 1'
'BEATRICE - HARBINE 115KV CKT 1'	99	108.1978	'BAILEYVILLE N.M. STATION (NEMAHA MARSHALL R - SOUTH SENECA 115KV CKT 1'
'BEATRICE - HARBINE 115KV CKT 1'	99	108.8217	'BAILEYVILLE N.M. STATION (NEMAHA MARSHALL R - SMITTYVILLE N.M. COOP (NEMAHA MARSHALL R.E. 115KV CKT 1'
'BEATRICE - HARBINE 115KV CKT 1'	99	102.2525	'GEN640009 1-COOPER NUCLEAR STATION'
'BEATRICE - HARBINE 115KV CKT 1'	99	100	'GEN645001 1-FORT CALHOUN 1'
'BEATRICE - HARBINE 115KV CKT 1'	99	102.3302	'GEN645012 2-NEBRASKA CITY 2'
'HYDROCARBON TAP - SUB 974 69KV CKT 1'	57	97.7	'SUB 963 - WEST BROCK 69KV CKT 1'
'HYDROCARBON TAP - SUB 974 69KV CKT 1'	57	96	'S1263T1 AUTO'
'NEB CITY U SYR SUB - SUB 970 69KV CKT 1'	47	101.7692	'SUB 963 - WEST BROCK 69KV CKT 1'
'NEB CITY U SYR SUB - SUB 970 69KV CKT 1'	47	99.8	'S1263T1 AUTO'
'SUB 967 - SUB 968 69KV CKT 1'	47	95.1	'SUB 969 - SUB 974 69KV CKT 1'
'SUB 968 - SUB 969 69KV CKT 1'	47	108.8345	'SUB 969 - SUB 974 69KV CKT 1'
'SUB 969 - SUB 974 69KV CKT 1'	47	106.8664	'FIRTH - SHELDON 115KV CKT 1'
'SUB 969 - SUB 974 69KV CKT 1'	47	96.5	'SUB 967 - SUB 968 69KV CKT 1'
'SUB 969 - SUB 974 69KV CKT 1'	47	110.0596	'SUB 968 - SUB 969 69KV CKT 1'

'SUB 969 - SUB 974 69KV CKT 1'	47	110.0656	'S968LINBUS'
'SUB 967 - SUB 968 69KV CKT 1'	47	101.0671	'SUB 969 - SUB 974 69KV CKT 1'
'SUB 968 - SUB 969 69KV CKT 1'	47	110.407	'SUB 969 - SUB 974 69KV CKT 1'
'SUB 969 - SUB 974 69KV CKT 1'	47	102.0761	'SUB 967 - SUB 968 69KV CKT 1'
'SUB 969 - SUB 974 69KV CKT 1'	47	111.4186	'SUB 968 - SUB 969 69KV CKT 1'
'SUB 969 - SUB 974 69KV CKT 1'	47	111.4328	'S968LINBUS'
'SUB 967 - SUB 968 69KV CKT 1'	47	101.3187	'SUB 969 - SUB 974 69KV CKT 1'
'SUB 968 - SUB 969 69KV CKT 1'	47	110.5304	'SUB 969 - SUB 974 69KV CKT 1'
'SUB 969 - SUB 974 69KV CKT 1'	47	102.0651	'SUB 967 - SUB 968 69KV CKT 1'
'SUB 969 - SUB 974 69KV CKT 1'	47	111.4122	'SUB 968 - SUB 969 69KV CKT 1'
'SUB 969 - SUB 974 69KV CKT 1'	47	111.5279	'S968LINBUS'

Cluster Group 11

Reserved

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 585.6 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 14 (South Central Oklahoma)

In addition to the 200 MW of previously queued generation in the area, 220.8 MW of new interconnection service was studied. No new ERIS constraints were found in this area. For interconnection customer GEN-2011-050 that requested NRIS, the constraints listed below are observed. The overloaded lines will need to be rebuilt. as listed in Appendices E and F.

MONTCOMMONNAME	RATEB	TC%LOADING	CONTNAME
'DUNCAN - TOSCO 69KV CKT 1'	39	111.3184	'ANADARKO - GEORGIA 138KV CKT 1'
'COMANCHE TAP - TOSCO 69KV CKT 1'	39	108.2938	'ANADARKO - GEORGIA 138KV CKT 1'
'DUNCAN - TOSCO 69KV CKT 1'	39	101.359	'COMANCHE - EMPIRE 138KV CKT 1'
'DUNCAN - TOSCO 69KV CKT 1'	39	106.3585	'EMPIRE - FLETCHER 138KV CKT 1'
'COMANCHE TAP - TOSCO 69KV CKT 1'	39	103.1299	'EMPIRE - FLETCHER 138KV CKT 1'
'DUNCAN - TOSCO 69KV CKT 1'	39	106.4824	'FLETCHER - GEORGIA 138KV CKT 1'
'COMANCHE TAP - TOSCO 69KV CKT 1'	39	103.3389	'FLETCHER - GEORGIA 138KV CKT 1'

Cluster Group 15

Reserved

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-2011-002 should be consulted for power factor requirements.

Conclusion

The minimum cost of interconnecting 2,103.1 MW of new interconnection requests included in this Definitive Interconnection System Impact Study is estimated at \$105,916,000 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-2011-004	20.0	ER	SPS	Pleasant Hill 69kV	Pleasant Hill 69kV		TBD
GEN-2010-044	99.0	ER/NR	NPPD	Tap Harbine - Beatrice 115kV	Harbine 115kV	11/1/2012	TBD
GEN-2010-061	180.0	ER/NR	MIDW	Tap Post Rock - Spearville 345kV	Tap Post Rock - Spearville (GEN-2011-017T) 345kV	12/31/2012	12/31/2014
GEN-2011-037	7.0	ER	WFEC	Blue Canyon 5 138kV	Blue Canyon 5 138kV	1/1/2012	
GEN-2011-040	111.0	ER/NR	OKGE	Pooleville 138kV	Tap Ratliff - Pooleville 138kV	12/31/2012	
GEN-2011-043	150.0	ER	SUNCMKEC	Thistle 345kV	Thistle 345kV	12/31/2013	12/31/2014
GEN-2011-044	150.0	ER/NR	SUNCMKEC	Thistle 345kV	Thistle 345kV	12/31/2014	12/31/2014
GEN-2011-045	205.0	ER/NR	SPS	Jones 230kV	Jones 230kV	6/1/2013	TBD
GEN-2011-046	27.0	ER/NR	SPS	Tucumcari 115kV	Lopez 115kV	6/1/2013	TBD
GEN-2011-048	175.0	ER/NR	SPS	Mustang 230kV	Mustang 230kV	3/1/2013	TBD
GEN-2011-049	250.0	ER/NR	OKGE	Border 345kV	Border 345kV	12/31/2013	TBD
GEN-2011-050	109.8	ER/NR	AEPW	Tap Rush Springs - Marlow 138kV	Tap Rush Springs - Marlow 138kV	12/31/2013	
GEN-2011-051	104.4	ER/NR	OKGE	Tap Woodward - Tatonga 345kV	Tap Woodward - Tatonga 345kV	12/31/2013	12/31/2014
GEN-2011-054	300.0	ER/NR	OKGE	Cimarron 345kV	Cimarron 345kV	11/30/2013	12/31/2014
GEN-2011-055	52.8	ER/NR	OPPD	South Sterling 69kV	South Sterling 69kV	12/31/2012	TBD
GEN-2011-056	3.6	ER	NPPD	Jeffrey 115kV	Jeffrey 115kV	6/30/2012	
GEN-2011-056A	3.6	ER	NPPD	John Lake 1 115kV	John 1 115kV	6/30/2012	
GEN-2011-056B	4.5	ER	NPPD	John Lake 2 115kV	John 2 115kV	6/30/2012	
GEN-2011-057	150.4	ER	WERE	Creswell 138kV	Creswell 138kV	12/31/2013	
TOTAL 2,103.1							

*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
ASGI-2010-020	30	SPS	Tap LE-Tatum - LE-Crossroads 69kV	Lea County Affected Study
ASGI-2010-021	15	SPS	Tap LE-Saunders Tap - LE-Anderson 69kV	Lea County Affected Study
ASGI-2011-001	28.8	SPS	Lovington 115kV	Lea County Affected Study
ASGI-2011-002	10	SPS	Herring 115kV	AECI queue Affected Study
ASGI-2011-003	10	SPS	Hendricks 115kV	AECI queue 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

Request	Amount	Area	Requested/Proposed Point of Interconnection	Status or In-Service Date
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
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

Request	Amount	Area	Requested/Proposed Point of Interconnection	Status or In-Service Date
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
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-2010-001	300	SPS	Tap Hitchland - Woodward Ckt 1 (Beaver County) 345kV	On Schedule for 2014 (204 MW) and 2015
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
GEN-2010-020	20	SPS	Roswell 69kV	On Suspension
GEN-2010-029	450	SUNCMKEC	Spearville 345kV	IA Pending
GEN-2010-036	4.6	WERE	6th Street 115kV	On Schedule for 2012
GEN-2010-040	300	OKGE	Cimarron 345kV	On Schedule for 2012
GEN-2010-041	10.5	OPPD	S 1399 161kV	Facility Study
GEN-2010-045	197.8	SUNCMKEC	Buckner 345kV	IA Pending
GEN-2010-046	56	SPS	TUCO Interchange 230kV	On Schedule for 2016
GEN-2010-048	70	MIDW	Tap Beach Station - Redline 115kV	IA Pending
GEN-2010-051	200	NPPD	Tap Twin Church - Hoskins 230kV	On Schedule for 2014
GEN-2010-055	4.5	AEPW	Wekiwa 138kV	On Schedule for 2013
GEN-2010-056	151	MIPU	Tap Saint Joseph - Cooper 345kV	On Schedule for 2015
GEN-2010-057	201	MIDW	Rice County 230kV	On-Line
GEN-2010-058	20	SPS	Chaves County 115kV	On Suspension
GEN-2011-007	250	OKGE	Tap Cimarron - Woodring (Matthewson) 345kV	IA Pending
GEN-2011-008	600	SUNCMKEC	Clark County 345kV	Facility Study
GEN-2011-010	100.8	OKGE	Minco 345kV	On Schedule for 2012
GEN-2011-011	50	KACP	Iatan 345kV	On-Line
GEN-2011-012	104.5	SPS	Tap Moore County - Hitchland 345kV	IA Pending
GEN-2011-014	201	SPS	Tap Hitchland - Woodward Ckt 1 (Beaver County) 345kV	IA Pending
GEN-2011-016	200.1	SUNCMKEC	Spearville 345kV	IA Pending

Request	Amount	Area	Requested/Proposed Point of Interconnection	Status or In-Service Date
GEN-2011-017	299	SUNCMKEC	Tap Spearville - PostRock (GEN-2011-017T) 345kV	Facility Study
GEN-2011-018	73.6	NPPD	Steele City 115kV	On Schedule for 2013
GEN-2011-019	299	OKGE	Woodward 345kV	IA Pending
GEN-2011-020	299	OKGE	Woodward 345kV	IA Pending
GEN-2011-021	299	SPS	Beaver County 345kV	IA Pending
GEN-2011-022	299	SPS	Hitchland 345kV	IA Pending
GEN-2011-023	299	SUNCMKEC	Clark County 345kV	Facility Study
GEN-2011-024	299	OKGE	Tatonga 345kV	IA Pending
GEN-2011-025	82.3	SPS	Tap Floyd County - Crosby County 115kV	On Suspension
GEN-2011-027	120	NPPD	Hoskins 230kV	IA Pending
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 24,220.7				

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
GEN-2010-040	300.0	OKGE	Cimarron 345kV
GEN-2011-007	250.0	OKGE	Tap Cimarron - Woodring (Matthewson) 345kV
GEN-2011-010	100.8	OKGE	Minco 345kV
GEN-2011-019	299.0	OKGE	Woodward 345kV
GEN-2011-020	299.0	OKGE	Woodward 345kV
GEN-2011-024	299.0	OKGE	Tatonga 345kV
PRIOR QUEUED SUBTOTAL	4,549.4		
GEN-2011-051	104.4	OKGE	Tap Woodward - Tatonga 345kV
GEN-2011-054	300.0	OKGE	Cimarron 345kV
CURRENT CLUSTER SUBTOTAL	404.4		
AREA TOTAL	4,953.8		

GROUP 2: HITCHLAND AREA			
Request	Capacity	Area	Proposed Point of Interconnection
ASGI-2011-002	10.0	SPS	Herring 115kV
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-2010-001	300.0	SPS	Tap Hitchland - Woodward Ckt 1 (Beaver County) 345kV
GEN-2010-014	358.8	SPS	Hitchland 345kV
GEN-2011-012	104.5	SPS	Tap Moore County - Hitchland 345kV
GEN-2011-014	201.0	SPS	Tap Hitchland - Woodward Ckt 1 (Beaver County) 345kV
GEN-2011-021	299.0	SPS	Beaver County 345kV
GEN-2011-022	299.0	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	3,180.2		
AREA TOTAL	3,180.2		

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
GEN-2010-029	450.0	SUNCMKEC	Spearville 345kV
GEN-2010-045	197.8	SUNCMKEC	Buckner 345kV
GEN-2011-008	600.0	SUNCMKEC	Clark County 345kV
GEN-2011-016	200.1	SUNCMKEC	Spearville 345kV
GEN-2011-017	299.0	SUNCMKEC	Tap Spearville - PostRock (GEN-2011-017T) 345kV
GEN-2011-023	299.0	SUNCMKEC	Clark County 345kV
Gray County Wind (Montezuma)	110.0	SUNCMKEC	Gray County Tap 115kV
PRIOR QUEUED SUBTOTAL	4,741.5		
GEN-2010-061	180.0	MIDW	Tap Post Rock - Spearville (GEN-2011-017T) 345kV
GEN-2011-043	150.0	SUNCMKEC	Thistle 345kV
GEN-2011-044	150.0	SUNCMKEC	Thistle 345kV
CURRENT CLUSTER SUBTOTAL	480.0		
AREA TOTAL	5,221.5		

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
GEN-2010-048	70.0	MIDW	Tap Beach Station - Redline 115kV
GEN-2010-057	201.0	MIDW	Rice County 230kV
PRIOR QUEUED SUBTOTAL	2,188.1		
AREA TOTAL	2,188.1		

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
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
ASGI-2011-003	10.0	SPS	Hendricks 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-2009-0675	20.0	SPS	Seven Rivers 69kV
GEN-2010-006	205.0	SPS	Jones 230kV
GEN-2010-020	20.0	SPS	Roswell 69kV
GEN-2010-046	56.0	SPS	TUCO Interchange 230kV
GEN-2010-058	20.0	SPS	Chaves County 115kV
GEN-2011-025	82.3	SPS	Tap Floyd County - Crosby County 115kV
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	2,033.3		
ASGI-2011-004	20.0	SPS	Pleasant Hill 69kV
GEN-2011-045	205.0	SPS	Jones 230kV
GEN-2011-046	27.0	SPS	Lopez 115kV
GEN-2011-048	175.0	SPS	Mustang 230kV
CURRENT CLUSTER SUBTOTAL	427.0		
AREA TOTAL	2,460.3		

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		
GEN-2011-037	7.0	WFEC	Blue Canyon 5 138kV
GEN-2011-049	250.0	OKGE	Border 345kV
CURRENT CLUSTER SUBTOTAL	257.0		
AREA TOTAL	1,926.0		

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
GEN-2010-055	4.5	AEPW	Wekiwa 138kV
PRIOR QUEUED SUBTOTAL	1,835.9		
GEN-2011-057	150.4	WERE	Creswell 138kV
CURRENT CLUSTER SUBTOTAL	150.4		
AREA TOTAL	1,986.3		

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
GEN-2010-041	10.5	OPPD	S 1399 161kV
GEN-2010-051	200.0	NPPD	Tap Twin Church - Hoskins 230kV
GEN-2011-018	73.6	NPPD	Steele City 115kV
GEN-2011-027	120.0	NPPD	Hoskins 230kV
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	1,665.1		
GEN-2010-044	99.0	NPPD	Harbine 115kV
GEN-2011-055	52.8	OPPD	South Sterling 69kV
GEN-2011-056	3.6	NPPD	Jeffrey 115kV
GEN-2011-056A	3.6	NPPD	John 1 115kV
GEN-2011-056B	4.5	NPPD	John 2 115kV
CURRENT CLUSTER SUBTOTAL	163.5		
AREA TOTAL	1,828.6		

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
GEN-2010-036	4.6	WERE	6th Street 115kV
GEN-2010-056	151.0	MIPU	Tap Saint Joseph - Cooper 345kV
GEN-2011-011	50.0	KACP	Iatan 345kV
PRIOR QUEUED SUBTOTAL	585.6		
AREA TOTAL	585.6		

GROUP 14: S OKLAHOMA AREA

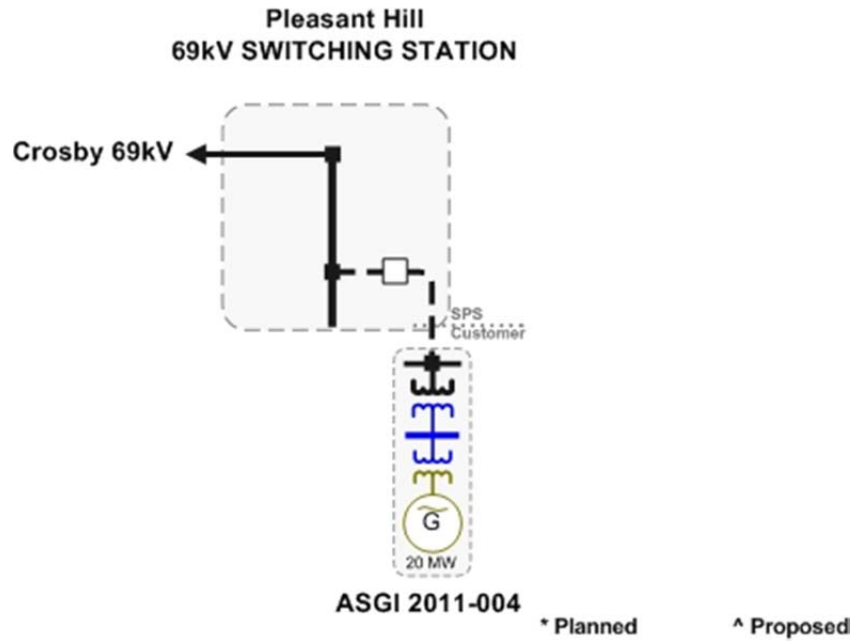
Request	Capacity	Area	Proposed Point of Interconnection
GEN-2008-046	200.0	OKGE	Sunnyside 345kV
PRIOR QUEUED SUBTOTAL	200.0		
GEN-2011-040	111.0	OKGE	Tap Ratliff - Pooleville 138kV
GEN-2011-050	109.8	AEPW	Tap Rush Springs - Marlow 138kV
CURRENT CLUSTER SUBTOTAL	220.8		
AREA TOTAL	420.8		

CLUSTER TOTAL (CURRENT STUDY)	2,103.1	MW
PQ TOTAL (PRIOR QUEUED)	24,220.7	MW
CLUSTER TOTAL (INCLUDING PRIOR QUEUED)	26,323.8	MW

D: Proposed Point of Interconnection One line Diagrams

Refer to Facility Studies for each Generation Interconnection Request by Queue Number

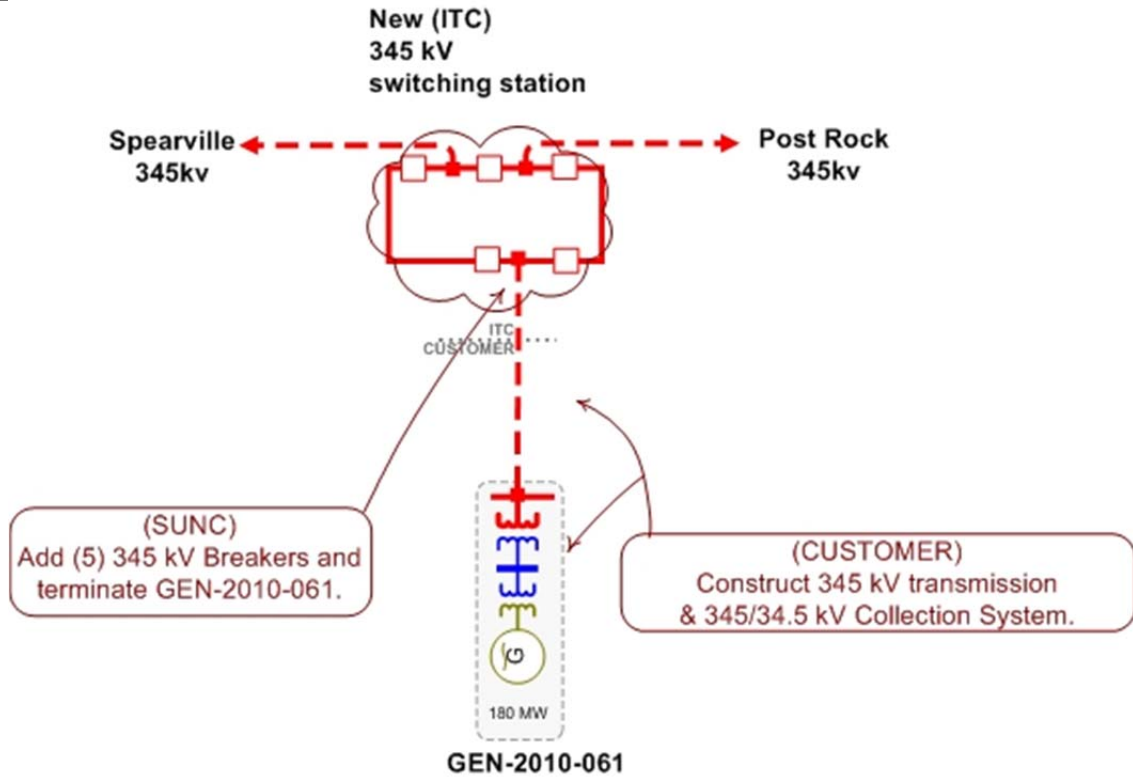
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GEN-2010-044

****Refer to Facility Study for an updated one-line****

GEN-2010-061



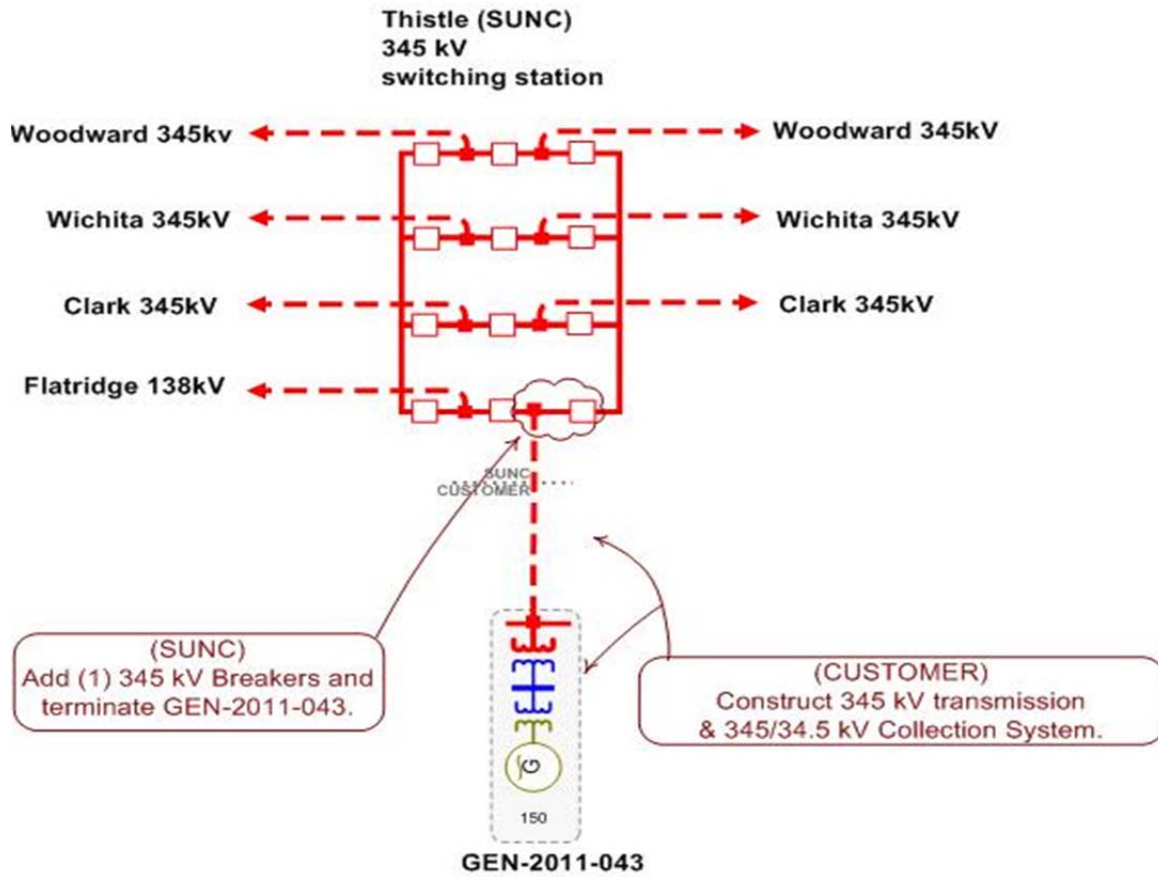
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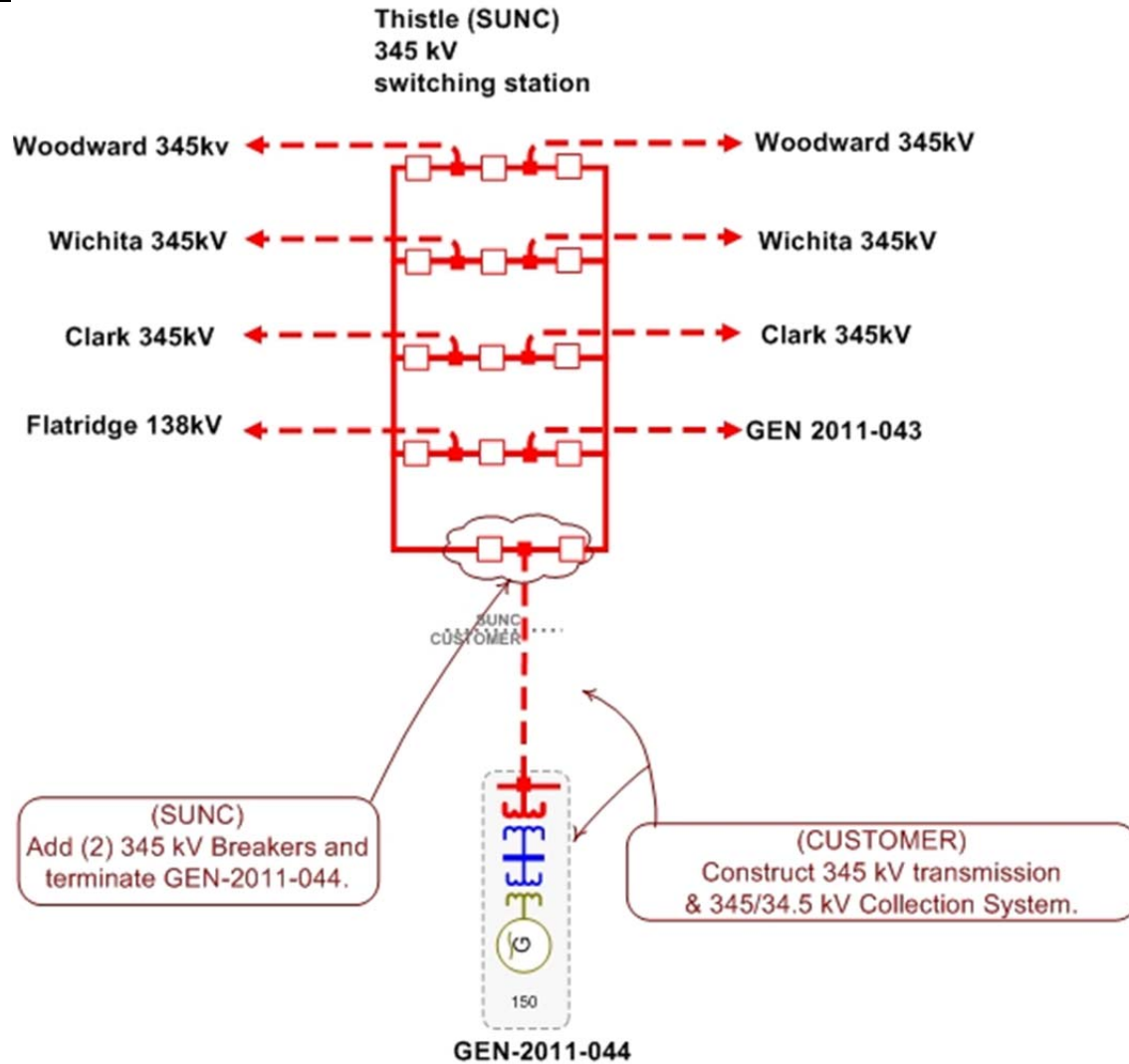
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****Refer to Facility Study for an updated one-line****

GEN-2011-043



GEN-2011-044



GEN-2011-045

****Refer to Facility Study for an updated one-line****

GEN-2011-046

****Refer to Facility Study for an updated one-line****

GEN-2011-048

****Refer to Facility Study for an updated one-line****

GEN-2011-049

****Refer to Facility Study for an updated one-line****

GEN-2011-050

****Refer to Facility Study for an updated one-line****

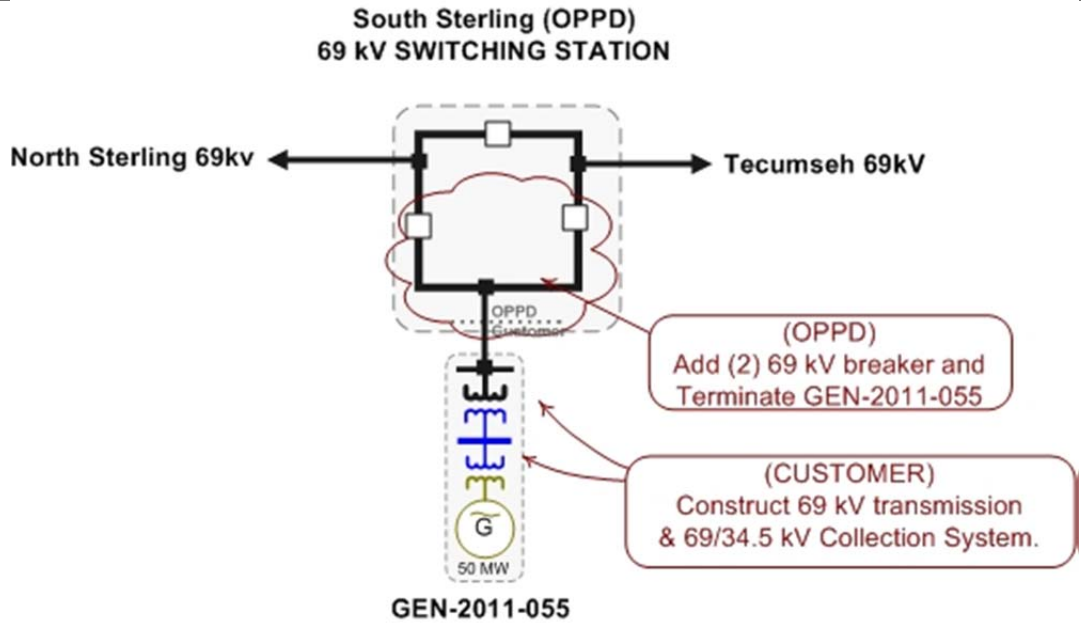
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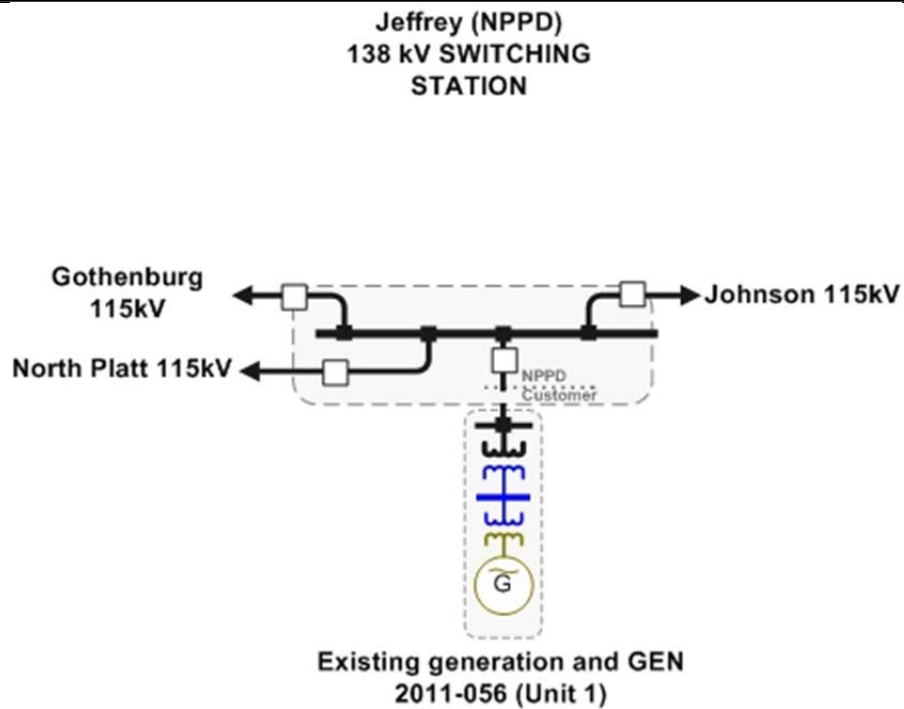
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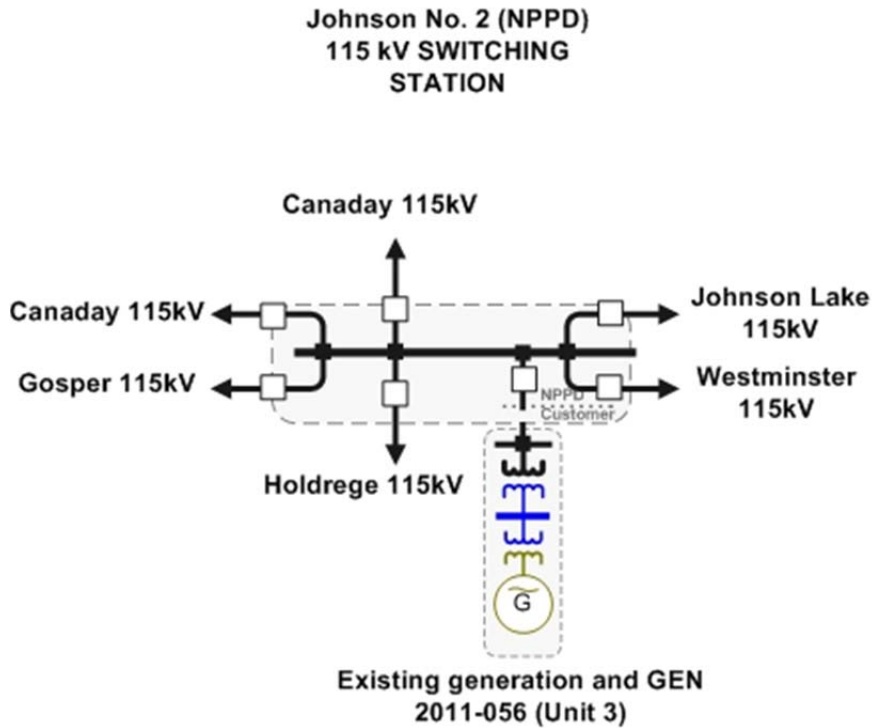
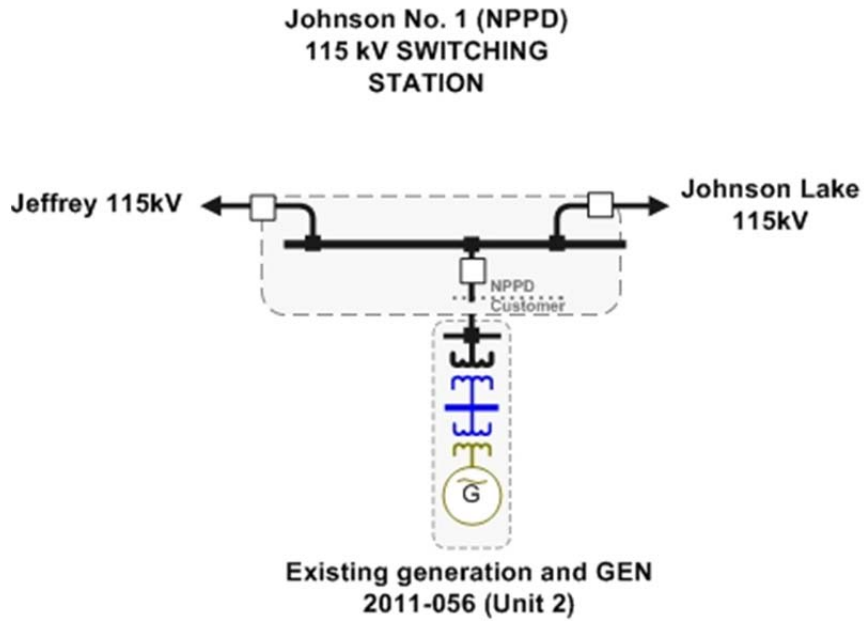
GEN-2011-055



GEN-2011-056



GEN-2011-056 (continued)



GEN-2011-057

****Refer to Facility Study for an updated one-line****

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 2011-004			
ASGI-2011-004 Interconnection Costs See Online Diagram.	Current Study	\$1.00	\$1.00
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 - 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
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
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	\$1.00	
GEN-2010-044			
GEN-2010-044 Interconnection Costs See Online Diagram.	Current Study	\$800,000.00	\$800,000.00
Harbine - Crete 115kV CKT 1 Build approximately 35 miles of 115kV from Harbine - Crete	Current Study	\$17,200,000.00	\$17,200,000.00
	Current Study Total	\$18,000,000.00	
GEN-2010-061			
Benton - Wichita 345kV CKT 1 NRIS only required upgrade: Replace terminal equipment at Benton and Wichita	Current Study	\$242,649.17	\$1,183,000.00

* 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
GEN-2010-061 Interconnection Costs See Online Diagram.	Current Study	\$9,000,000.00	\$9,000,000.00
GEN-2011-017 Tap - Postrock 345kV CKT 1 Balanced Portfolio: Spearville - PostRock 345kV CKT 1 (Total Project E&C Cost Shown)	In-Service		\$84,006,000.00
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 - 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
Matthewson - Cimarron 345kV CKT 2 Build second 345kV circuit from Matthewson - Cimarron @ 3000 amps	Previously Allocated		\$42,903,753.00
Mullergren - Reno 345kV Dbl CKT Build approximately 92 miles of new Dbl 345kV circuit from Mullergren - Reno @ 3000 amps	Previously allocated		\$210,887,465.33
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
Tatonga - Matthewson 345kV CKT 2 Build second 345kV circuit from Tatonga - Matthewson @ 3000 amps	Previously Allocated		\$104,260,473.00
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	\$9,242,649.17	
GEN-2011-037			
GEN-2011-037 Interconnection Costs See Online Diagram.	Current Study	\$1.00	\$1.00
Clinton Jct - GEN-2007-032 Tap - Clinton 138kV Terminal Equipment Upgrade at Clinton Jct: Per GEN-2007-032 Interconnection	Previously Allocated		\$0.00
	Current Study Total	\$1.00	
GEN-2011-040			
GEN-2011-040 Interconnection Costs See Online Diagram.	Current Study	\$4,203,401.00	\$4,203,401.00
	Current Study Total	\$4,203,401.00	
GEN-2011-043			
GEN-2011-043 Interconnection Costs See Online Diagram.	Current Study	\$2,500,000.00	\$2,500,000.00
GEN-2011-017 Tap - Postrock 345kV CKT 1 Balanced Portfolio: Spearville - PostRock 345kV CKT 1 (Total Project E&C Cost Shown)	In-Service		\$84,006,000.00
Spearville - GEN-2011-017T 345kV CKT 1 Balanced Portfolio: Spearville - PostRock 345kV CKT 1 (Total Project E&C Cost Shown)	In-Service		\$84,006,000.00
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 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
Matthewson - Cimarron 345kV CKT 2 Build second 345kV circuit from Matthewson - Cimarron @ 3000 amps	Previously Allocated		\$42,903,753.00
Mullergren - Reno 345kV Dbl CKT Build approximately 92 miles of new Dbl 345kV circuit from Mullergren - Reno @ 3000 amps	Previously allocated		\$210,887,465.33
Tatonga - Matthewson 345kV CKT 2 Build second 345kV circuit from Tatonga - Matthewson @ 3000 amps	Previously Allocated		\$104,260,473.00

* 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
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
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	\$2,500,000.00	

GEN-2011-044

Benton - Wichita 345kV CKT 1 NRIS only required upgrade: Replace terminal equipment at Benton and Wichita	Current Study	\$940,350.83	\$1,183,000.00
GEN-2011-044 Interconnection Costs See Online Diagram.	Current Study	\$4,000,000.00	\$4,000,000.00
GEN-2011-017 Tap - Postrock 345kV CKT 1 Balanced Portfolio: Spearville - PostRock 345kV CKT 1 (Total Project E&C Cost Shown)	In-Service		\$84,006,000.00
Spearville - GEN-2011-017T 345kV CKT 1 Balanced Portfolio: Spearville - PostRock 345kV CKT 1 (Total Project E&C Cost Shown)	In-Service		\$84,006,000.00
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 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
Matthewson - Cimarron 345kV CKT 2 Build second 345kV circuit from Matthewson - Cimarron @ 3000 amps	Previously Allocated		\$42,903,753.00
Mullergren - Reno 345kV Dbl CKT Build approximately 92 miles of new Dbl 345kV circuit from Mullergren - Reno @ 3000 amps	Previously allocated		\$210,887,465.33
Tatonga - Matthewson 345kV CKT 2 Build second 345kV circuit from Tatonga - Matthewson @ 3000 amps	Previously Allocated		\$104,260,473.00
Thistle - Wichita 345KV Dbl CKT Priority Project: Thistle - Wichita Dbl 345kV CKT (Total Project E&C Cost Shown.)	Previously Allocated		\$166,598,000.00

* 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
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
	Current Study Total	\$4,940,350.83	

GEN-2011-045

Allen - Lubbock South 115kV CKT 1 NRIS only required upgrade: Rebuild approximately 6 miles of 115kV from Allen - Lubbock South	Current Study	\$2,879,262.00	\$2,879,262.00
Jones - Lubbock South 230kV CKT 2 Replace Line Traps	Current Study	\$356,250.00	\$356,250.00
Lubbock South 230/115kV Autotransformer CKT 2 NRIS only required upgrade: Install 2nd 230/115/13.2kV Autotransformer	Current Study	\$2,682,634.24	\$4,058,031.00
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 - 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
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

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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	\$5,918,146.24	
GEN-2011-046			
GEN-2011-046 Interconnection Costs See Online Diagram.	Current Study	\$3,433,559.00	\$3,433,559.00
Lubbock South 230/115kV Autotransformer CKT 2 NRIS only required upgrade: Install 2nd 230/115/13.2kV Autotransformer	Current Study	\$183,840.16	\$4,058,031.00
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 - 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 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 - 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
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	\$3,617,399.16	

GEN-2011-048

Amoco Wasson - Oxy CKT 1 Replace Line Traps	Current Study	\$200,000.00	\$200,000.00
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* 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
Lubbock South 230/115kV Autotransformer CKT 2 NRIS only required upgrade: Install 2nd 230/115/13.2kV Autotransformer	Current Study	\$1,191,556.60	\$4,058,031.00
Oxy - Yoakum CKT 1 Replace Line Traps	Current Study	\$200,000.00	\$200,000.00
Yoakum - Mustang 230kV CKT 1 Replace line traps	Current Study	\$200,000.00	\$200,000.00
Yoakum 230/115kV Auto CKT 3 Install 3rd transformer at Yoakum	Current Study	\$4,100,000.00	\$4,100,000.00
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 - 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 - 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
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	\$5,891,556.60	

GEN-2011-049

Chisholm - Maize 138kV CKT 1 NRIS only required upgrade: Replace terminal equipment at Chisholm	Current Study	\$415,785.11	\$573,200.00
Evans Energy Center - Maize 138kV CKT 1 NRIS only required upgrade: Replace terminal equipment at Evans Energy Center	Current Study	\$415,785.11	\$573,200.00

* 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
GEN-2011-049 Interconnection Costs See Online Diagram.	Current Study	\$3,654,353.00	\$3,654,353.00
FPL Switch - Mooreland 138kV CKT 1 NRIS only required upgrade: Rebuild approximately 0.2 miles of 138kV line	Previously Allocated		\$130,000.00
FPL Switch - Woodward 138kV CKT 1 NRIS only required upgrade: Rebuild approximately 12 miles of 138kV line	Previously Allocated		\$7,760,000.00
	Current Study Total	\$4,485,923.22	
GEN-2011-050			
Duncan - Tosco 69kV Rebuild approximately 3.9 miles of 69kV	Current Study	\$5,052,639.00	\$5,052,639.00
GEN-2011-050 Interconnection Costs See Online Diagram.	Current Study	\$7,310,940.00	\$7,310,940.00
Tosco - Commanche Tap 69kV Rebuild approximately 3.2 miles of 69kV	Current Study	\$3,779,422.00	\$3,779,422.00
	Current Study Total	\$16,143,001.00	
GEN-2011-051			
Chisholm - Maize 138kV CKT 1 NRIS only required upgrade: Replace terminal equipment at Chisholm	Current Study	\$157,414.89	\$573,200.00
Cimarron 345/138/13.8kV Auto transformer CKT 3 Install 3rd 345/138/13.8kV autotransformer	Current Study	\$2,591,532.06	\$15,000,000.00
Evans Energy Center - Maize 138kV CKT 1 NRIS only required upgrade: Replace terminal equipment at Evans Energy Center	Current Study	\$157,414.89	\$573,200.00
GEN-2011-051 Interconnection Costs See Online Diagram.	Current Study	\$9,276,873.00	\$9,276,873.00
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
FPL Switch - Mooreland 138kV CKT 1 NRIS only required upgrade: Rebuild approximately 0.2 miles of 138kV line	Previously Allocated		\$130,000.00
FPL Switch - Woodward 138kV CKT 1 NRIS only required upgrade: Rebuild approximately 12 miles of 138kV line	Previously Allocated		\$7,760,000.00

* 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
Matthewson - Cimarron 345kV CKT 2 Build second 345kV circuit from Matthewson - Cimarron @ 3000 amps	Previously Allocated		\$42,903,753.00
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
Tatonga - Matthewson 345kV CKT 2 Build second 345kV circuit from Tatonga - Matthewson @ 3000 amps	Previously Allocated		\$104,260,473.00
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
	Current Study Total		\$12,183,234.84

GEN-2011-054

Cimarron 345/138/13.8kV Auto transformer CKT 3 Install 3rd 345/138/13.8kV autotransformer	Current Study	\$12,408,467.94	\$15,000,000.00
GEN-2011-054 Interconnection Costs See Online Diagram.	Current Study	\$10,000.00	\$10,000.00
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
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 - 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	\$12,418,467.94	
GEN-2011-055			
GEN-2011-055 Interconnection Costs See Online Diagram.	Current Study	\$4,300,000.00	\$4,300,000.00
Nebraska City U Syracuse - SUB 970 CKT 1 NRIS only required upgrade: Replace Terminal Equipment	Current Study	\$16,000.00	\$16,000.00
SUB 967 - SUB 968 69kV CKT 1 Replace terminal equipment	Current Study	\$16,000.00	\$16,000.00
SUB 968 - SUB 969 69kV CKT 1 Mitigated by replacing terminal equipment at Sub 969	Current Study	\$0.00	\$0.00
SUB 969 - SUB 974 69kV CKT 1 Mitigated by replacing terminal equipment at Sub 969	Current Study	\$0.00	\$0.00
West Brock - SUB967 69kV CKT 1 Mitigated by replacing terminal equipment at Sub 967	Current Study	\$0.00	\$0.00
	Current Study Total	\$4,332,000.00	
GEN-2011-056A			
GEN-2011-056A Interconnection Costs See Online Diagram.	Current Study	\$1.00	\$1.00
	Current Study Total	\$1.00	
GEN-2011-056B			
GEN-2011-056B Interconnection Costs See Online Diagram.	Current Study	\$1.00	\$1.00
	Current Study Total	\$1.00	
GEN-2011-057			
GEN-2011-057 Interconnection Costs See Online Diagram.	Current Study	\$2,040,698.00	\$2,040,698.00
Cleveland - Sooner 345KV CKT 1 Balanced Portfolio: Cleveland - Sooner 345kV CKT 1 (Total Project E&C Cost Shown).	Previously Allocated		\$58,906,000.00
	Current Study Total	\$2,040,698.00	
TOTAL CURRENT STUDY COSTS:		\$105,916,832.00	

* 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

Allen - Lubbock South 115kV CKT 1		\$2,879,262.00
NRIS only required upgrade: Rebuild approximately 6 miles of 115kV from Allen - Lubbock South		
	GEN-2011-045	\$2,879,262.00
	Total Allocated Costs	\$2,879,262.00
Amoco Wasson - Oxy CKT 1		\$200,000.00
Replace Line Traps		
	GEN-2011-048	\$200,000.00
	Total Allocated Costs	\$200,000.00
ASGI-2011-004 Interconnection Costs		\$1.00
See Oonline Diagram.		
	ASGI 2011-004	\$1.00
	Total Allocated Costs	\$1.00
Benton - Wichita 345kV CKT 1		\$1,183,000.00
NRIS only required upgrade: Replace terminal equipment at Benton and Wichita		
	GEN-2010-061	\$242,649.17
	GEN-2011-044	\$940,350.83
	Total Allocated Costs	\$1,183,000.00
Chisholm - Maize 138kV CKT 1		\$573,200.00
NRIS only required upgrade: Replace terminal equipment at Chisholm		
	GEN-2011-049	\$415,785.11
	GEN-2011-051	\$157,414.89
	Total Allocated Costs	\$573,200.00
Cimarron 345/138/13.8kV Auto transformer CKT 3		\$15,000,000.00
Install 3rd 345/138/13.8kV autotransformer		
	GEN-2011-051	\$2,591,532.06
	GEN-2011-054	\$12,408,467.94
	Total Allocated Costs	\$15,000,000.00
Duncan - Tosco 69kV		\$5,052,639.00
Rebuild approximately 3.9 miles of 69kV		
	GEN-2011-050	\$5,052,639.00
	Total Allocated Costs	\$5,052,639.00

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

Evans Energy Center - Maize 138kV CKT 1**\$573,200.00**

NRIS only required upgrade: Replace terminal equipment at Evans Energy Center

GEN-2011-049 \$415,785.11

GEN-2011-051 \$157,414.89

Total Allocated Costs \$573,200.00

GEN-2010-044 Interconnection Costs**\$800,000.00**

See Online Diagram.

GEN-2010-044 \$800,000.00

Total Allocated Costs \$800,000.00

GEN-2010-061 Interconnection Costs**\$9,000,000.00**

See Online Diagram.

GEN-2010-061 \$9,000,000.00

Total Allocated Costs \$9,000,000.00

GEN-2011-037 Interconnection Costs**\$1.00**

See Online Diagram.

GEN-2011-037 \$1.00

Total Allocated Costs \$1.00

GEN-2011-040 Interconnection Costs**\$4,203,401.00**

See Online Diagram.

GEN-2011-040 \$4,203,401.00

Total Allocated Costs \$4,203,401.00

GEN-2011-043 Interconnection Costs**\$2,500,000.00**

See Online Diagram.

GEN-2011-043 \$2,500,000.00

Total Allocated Costs \$2,500,000.00

GEN-2011-044 Interconnection Costs**\$4,000,000.00**

See Online Diagram.

GEN-2011-044 \$4,000,000.00

Total Allocated Costs \$4,000,000.00

GEN-2011-046 Interconnection Costs**\$3,433,559.00**

See Online Diagram.

GEN-2011-046 \$3,433,559.00

Total Allocated Costs \$3,433,559.00

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

GEN-2011-049 Interconnection Costs		\$3,654,353.00
See Oonline Diagram.		
	GEN-2011-049	\$3,654,353.00
	Total Allocated Costs	\$3,654,353.00
GEN-2011-050 Interconnection Costs		\$7,310,940.00
See Oonline Diagram.		
	GEN-2011-050	\$7,310,940.00
	Total Allocated Costs	\$7,310,940.00
GEN-2011-051 Interconnection Costs		\$9,276,873.00
See Oonline Diagram.		
	GEN-2011-051	\$9,276,873.00
	Total Allocated Costs	\$9,276,873.00
GEN-2011-054 Interconnection Costs		\$10,000.00
See Oonline Diagram.		
	GEN-2011-054	\$10,000.00
	Total Allocated Costs	\$10,000.00
GEN-2011-055 Interconnection Costs		\$4,300,000.00
See Oonline Diagram.		
	GEN-2011-055	\$4,300,000.00
	Total Allocated Costs	\$4,300,000.00
GEN-2011-056A Interconnection Costs		\$1.00
See Oonline Diagram.		
	GEN-2011-056A	\$1.00
	Total Allocated Costs	\$1.00
GEN-2011-056B Interconnection Costs		\$1.00
See Oonline Diagram.		
	GEN-2011-056B	\$1.00
	Total Allocated Costs	\$1.00
GEN-2011-057 Interconnection Costs		\$2,040,698.00
See Oonline Diagram.		
	GEN-2011-057	\$2,040,698.00
	Total Allocated Costs	\$2,040,698.00

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

Harbine - Crete 115kV CKT 1		\$17,200,000.00
Build approximately 35 miles of 115kV from Harbine - Crete		
	GEN-2010-044	\$17,200,000.00
	Total Allocated Costs	\$17,200,000.00
Jones - Lubbock South 230kV CKT 2		\$356,250.00
Replace Line Traps		
	GEN-2011-045	\$356,250.00
	Total Allocated Costs	\$356,250.00
Lubbock South 230/115kV Autotransformer CKT 2		\$4,058,031.00
NRIS only required upgrade: Install 2nd 230/115/13.2kV Autotransformer		
	GEN-2011-045	\$2,682,634.24
	GEN-2011-046	\$183,840.16
	GEN-2011-048	\$1,191,556.60
	Total Allocated Costs	\$4,058,031.00
Nebraska City U Syracuse - SUB 970 CKT 1		\$16,000.00
NRIS only required upgrade: Replace Terminal Equipment		
	GEN-2011-055	\$16,000.00
	Total Allocated Costs	\$16,000.00
Oxy - Yoakum CKT 1		\$200,000.00
Replace Line Traps		
	GEN-2011-048	\$200,000.00
	Total Allocated Costs	\$200,000.00
SUB 967 - SUB 968 69kV CKT 1		\$16,000.00
Replace terminal equipment		
	GEN-2011-055	\$16,000.00
	Total Allocated Costs	\$16,000.00
SUB 968 - SUB 969 69kV CKT 1		\$0.00
Mitigated by replacing terminal equipment at Sub 969		
	GEN-2011-055	\$0.00
	Total Allocated Costs	\$0.00
SUB 969 - SUB 974 69kV CKT 1		\$0.00
Mitigated by replacing terminal equipment at Sub 969		
	GEN-2011-055	\$0.00

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

	Total Allocated Costs	\$0.00
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Tosco - Commanche Tap 69kV		\$3,779,422.00
Rebuild approximately 3.2 miles of 69kV		
	GEN-2011-050	\$3,779,422.00
	Total Allocated Costs	\$3,779,422.00
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West Brock - SUB967 69kV CKT 1		\$0.00
Mitigated by replacing terminal equipment at Sub 967		
	GEN-2011-055	\$0.00
	Total Allocated Costs	\$0.00
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Yoakum - Mustang 230kV CKT 1		\$200,000.00
Replace line traps		
	GEN-2011-048	\$200,000.00
	Total Allocated Costs	\$200,000.00
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Yoakum 230/115kV Auto CKT 3		\$4,100,000.00
Install 3rd transformer at Yoakum		
	GEN-2011-048	\$4,100,000.00
	Total Allocated Costs	\$4,100,000.00
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* 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%LOADI	CONTNAME	
NCONV	FNSL-Iteration limit	03ALL		0	13G	ASGI_2011_004		Non-Converged Contingency	0	0.13675	9999	'DBL-WICH-THI'
NCONV	FNSL-Blown up	03ALL		0	13G	ASGI_2011_004		Non-Converged Contingency	0	0.11479	9999	'DBL-BVR-WWRD'
NCONV	FNSL-Blown up	03ALL		0	13G	ASGI_2011_004		Non-Converged Contingency	0	0.13638	9999	'DBL-TGA-MATT'
NCONV	FNSL-Blown up	03ALL		0	13G	ASGI_2011_004		Non-Converged Contingency	0	0.05633	9999	'DBL-SPRVL-MU'
NCONV	FNSL-Iteration limit	03ALL		0	13G	ASGI_2011_004		Non-Converged Contingency	0	0.05633	9999	'DBL-MUL-RENO'
CONT-0803	FDNS	09NR		0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.55288	100.37	'HOYT - STRANGER CREEK 345KV CKT 1'
NCONV	FNSL-Blown up	03ALL		0	13G	G10_044		Non-Converged Contingency	0	0.05541	9999	'DBL-THIS-CLR'
NCONV	FNSL-Blown up	03ALL		0	13G	G10_044		Non-Converged Contingency	0	0.04192	9999	'DBL-TGA-MATT'
	FDNS	09ALL		0	13G	G10_044	'FROM->TO'	'BEATRICE POWER STATION - CLATONIA 115KV CKT 1'	137	0.33639	115.9381	'BEATRICE POWER STATION - SHELDON 115KV CKT 1'
	FDNS	09ALL		0	13G	G10_044	'FROM->TO'	'CLATONIA - SHELDON 115KV CKT 1'	137	0.33639	114.2571	'BEATRICE POWER STATION - SHELDON 115KV CKT 1'
	FDNS	09NR		0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.598	108.1978	'BAILEYVILLE N.M. STATION (NEMAHA MARSHALL R - SOUTH SENECA 115KV CKT 1'
	FDNS	09NR		0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.598	108.8217	'BAILEYVILLE N.M. STATION (NEMAHA MARSHALL R - SMITTYVILLE N.M. COOP (NEMAHA MARSHALL R.E. 115KV CKT 1'
	FDNS	09NR		0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.57733	101.0919	'GREENLEAF - KNOB HILL 115KV CKT 1'
	FDNS	09NR		0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.68808	111.3672	'KNOB HILL - STEELE CITY 115KV CKT 1'
	FDNS	09NR		0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.598	109.2817	'MARSHALL3 115.00 - SMITTYVILLE N.M. COOP (NEMAHA MARSHALL R.E. 115KV CKT 1'
	FDNS	09NR		0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.57617	106.206	'G08-123N 115.00 - PAULINE 115KV CKT 1'
	FDNS	09NR		0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.62775	101.4607	'CARLTON JUNCTION - GENEVA 115KV CKT 1'
	FDNS	09NR		0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.62775	104.623	'CARLTON JUNCTION - NORTH HEBRON 115KV CKT 1'
	FDNS	09NR		0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.74162	123.9709	'FAIRBURY - HARBINE 115KV CKT 1'
	FDNS	09NR		0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.74162	110.5226	'FAIRBURY - NORTH HEBRON 115KV CKT 1'
	FDNS	09NR		0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.55683	103.5437	'HUMBOLDT - S1399 5 161KV CKT 1'
	FDNS	09NR		0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.74162	124.3974	'LN-1175B'
	FDNS	09NR		0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.598	109.2336	'SPP-WERE-49B'
	FDNS	09NR		0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.57733	101.0751	'SPP-WERE-85'
	FDNS	09NR		0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.55205	102.2525	'GEN640009 1-COOPER NUCLEAR STATION'
	FDNS	09NR		0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.55205	100	'GEN645001 1-FORT CALHOUN 1'
	FDNS	09NR		0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.55205	102.3302	'GEN645012 2-NEBRASKA CITY 2'
	FDNS	00NR		0	23SP	G10_044	'TO->FROM'	'FAIRBURY - HARBINE 115KV CKT 1'	99	0.56735	96.5	'BEATRICE - HARBINE 115KV CKT 1'
	FDNS	00NR		0	23SP	G10_044	'FROM->TO'	'BEATRICE POWER STATION - CLATONIA 115KV CKT 1'	137	0.28003	102.8328	'BEATRICE POWER STATION - SHELDON 115KV CKT 1'
	FDNS	00NR		0	23SP	G10_044	'FROM->TO'	'CLATONIA - SHELDON 115KV CKT 1'	137	0.28003	98.5	'BEATRICE POWER STATION - SHELDON 115KV CKT 1'
	FDNS	00NR		0	23SP	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.75531	95.4	'FAIRBURY - HARBINE 115KV CKT 1'
	FDNS	00NR		0	23SP	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.75531	96.1	'LN-1175B'
	FDNS	09G10_044		0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.58874	97.5	'BAILEYVILLE N.M. STATION (NEMAHA MARSHALL R - SOUTH SENECA 115KV CKT 1'
	FDNS	09G10_044		0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.58874	98.1	'BAILEYVILLE N.M. STATION (NEMAHA MARSHALL R - SMITTYVILLE N.M. COOP (NEMAHA MARSHALL R.E. 115KV CKT 1'
	FDNS	09G10_044		0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.68796	99.1	'KNOB HILL - STEELE CITY 115KV CKT 1'
	FDNS	09G10_044		0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.58874	98.6	'MARSHALL3 115.00 - SMITTYVILLE N.M. COOP (NEMAHA MARSHALL R.E. 115KV CKT 1'
	FDNS	09G10_044		0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.56636	96.2	'G08-123N 115.00 - PAULINE 115KV CKT 1'
	FDNS	09G10_044		0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.72875	113.0816	'FAIRBURY - HARBINE 115KV CKT 1'
	FDNS	09G10_044		0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.72875	99.6	'FAIRBURY - NORTH HEBRON 115KV CKT 1'
	FDNS	09G10_044		0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.72875	113.5536	'LN-1175B'
	FDNS	09G10_044		0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.58874	98.5	'SPP-WERE-49B'
NCONV	FNSL-Iteration limit	03ALL		0	13G	G10_061		Non-Converged Contingency	0	0.14889	9999	'DBL-WICH-THI'
NCONV	FNSL-Blown up	03ALL		0	13G	G10_061		Non-Converged Contingency	0	0.26682	9999	'DBL-THIS-CLR'
NCONV	FNSL-Blown up	03ALL		0	13G	G10_061		Non-Converged Contingency	0	0.08287	9999	'DBL-BVR-WWRD'
NCONV	FNSL-Blown up	03ALL		0	13G	G10_061		Non-Converged Contingency	0	0.11868	9999	'DBL-TGA-MATT'
NCONV	FNSL-Blown up	03ALL		0	13G	G10_061		Non-Converged Contingency	0	0.19667	9999	'DBL-SPRVL-MU'
NCONV	FNSL-Iteration limit	03ALL		0	13G	G10_061		Non-Converged Contingency	0	0.19667	9999	'DBL-MUL-RENO'
NCONV	FNSL-Blown up	03NR		0	13G	G10_061		Non-Converged Contingency	0	0.07139	9999	'DBL-THIS-CLR'
NCONV	FNSL-Iteration limit	07ALL		0	13G	G11_037		Non-Converged Contingency	441	0.04971	52.40893	'STLN-DEMARC6 - SWEETWATER 230KV CKT 1'
NCONV	FNSL-Iteration limit	07ALL		0	13G	G11_037		Non-Converged Contingency	395	0.04971	59.58812	'STATELINE INTERCHANGE - STLN-DEMARC6 230KV CKT 1'
NCONV	FNSL-Iteration limit	07ALL		0	13G	G11_037		Non-Converged Contingency	0	0.09941	9999	'SPP-SWPS-02'
NCONV	FNSL-Iteration limit	07ALL		0	13G	G11_040		Non-Converged Contingency	0	0.04987	9999	'SPP-SWPS-02'

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
NCONV	FNSL-Iteration limit	03ALL		0	13G	G11_043	Non-Converged Contingency	0	0.43016	9999	'DBL-WICH-THI'
NCONV	FNSL-Blown up	03ALL		0	13G	G11_043	Non-Converged Contingency	0	0.14106	9999	'DBL-TGA-MATT'
NCONV	FNSL-Blown up	03ALL		0	13G	G11_043	Non-Converged Contingency	0	0.04902	9999	'DBL-SPRVL-MU'
NCONV	FNSL-Iteration limit	03ALL		0	13G	G11_043	Non-Converged Contingency	0	0.04902	9999	'DBL-MUL-RENO'
	FDNS	03ALL		0	13G	G11_043	'TO->FROM'BENTON - WICHITA 345KV CKT 1'	932	0.2146	110.6803	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_043	'TO->FROM'BENTON - WICHITA 345KV CKT 1'	932	0.20414	114.4777	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_043	'TO->FROM'BENTON - WICHITA 345KV CKT 1'	932	0.20414	114.9009	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_043	'TO->FROM'BENTON - WICHITA 345KV CKT 1'	932	0.2146	108.4213	'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_043	'TO->FROM'BENTON - WICHITA 345KV CKT 1'	932	0.2146	104.0136	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_043	'TO->FROM'BENTON - WICHITA 345KV CKT 1'	932	0.23995	100.357	'DBL-THIS-WWR'
NCONV	FNSL-Iteration limit	03ALL		0	13G	G11_044	Non-Converged Contingency	0	0.43016	9999	'DBL-WICH-THI'
NCONV	FNSL-Blown up	03ALL		0	13G	G11_044	Non-Converged Contingency	0	0.14106	9999	'DBL-TGA-MATT'
NCONV	FNSL-Blown up	03ALL		0	13G	G11_044	Non-Converged Contingency	0	0.04902	9999	'DBL-SPRVL-MU'
NCONV	FNSL-Iteration limit	03ALL		0	13G	G11_044	Non-Converged Contingency	0	0.04902	9999	'DBL-MUL-RENO'
	FDNS	03ALL		0	13G	G11_044	'TO->FROM'BENTON - WICHITA 345KV CKT 1'	932	0.2146	110.6803	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_044	'TO->FROM'BENTON - WICHITA 345KV CKT 1'	932	0.20414	114.4777	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_044	'TO->FROM'BENTON - WICHITA 345KV CKT 1'	932	0.20414	114.9009	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_044	'TO->FROM'BENTON - WICHITA 345KV CKT 1'	932	0.2146	108.4213	'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_044	'TO->FROM'BENTON - WICHITA 345KV CKT 1'	932	0.2146	104.0136	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_044	'TO->FROM'BENTON - WICHITA 345KV CKT 1'	932	0.23995	100.357	'DBL-THIS-WWR'
	FDNS	00G11_045		0	18SP	G11_045	'FROM->TJones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230K	351	0.29639	102.3485	'JONES STATION - LUBBOCK SOUTH INTERCHANGE 230KV CKT 1'
	FDNS	00G11_045		0	23SP	G11_045	'FROM->TJones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230K	351	0.30899	105.3829	'JONES STATION - LUBBOCK SOUTH INTERCHANGE 230KV CKT 1'
	FDNS	00NR		0	23SP	G11_045	'FROM->TJones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230K	351	0.30369	110.8969	'JONES STATION - LUBBOCK SOUTH INTERCHANGE 230KV CKT 1'
	FDNS	00G11_048		0	13SP	G11_048	'FROM->T'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230	361	0.66162	102.3461	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'
	FDNS	00G11_048		0	13WP	G11_048	'FROM->T'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230	361	0.6605	102.6399	'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1'
	FDNS	00G11_048		0	13WP	G11_048	'FROM->T'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230	361	0.6605	111.2986	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'
	FDNS	00G11_048		0	13WP	G11_048	'FROM->T'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230	361	0.6605	100.9686	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00G11_048		0	13WP	G11_048	'FROM->T'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230	361	0.6605	100.9686	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00G11_048		0	13WP	G11_048	'FROM->T'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230	361	0.6656	103.0528	'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1'
	FDNS	00G11_048		0	13WP	G11_048	'FROM->T'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 23	361	0.6656	100.9265	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00G11_048		0	18SP	G11_048	'FROM->T'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230	361	0.66162	102.3461	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'
	FDNS	00G11_048		0	18WP	G11_048	'FROM->T'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230	361	0.6605	102.6399	'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1'
	FDNS	00G11_048		0	18WP	G11_048	'FROM->T'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230	361	0.6605	111.2986	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'
	FDNS	00G11_048		0	18WP	G11_048	'FROM->T'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230	361	0.6605	100.9686	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00G11_048		0	18WP	G11_048	'FROM->T'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV	361	0.6656	103.0528	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00G11_048		0	18WP	G11_048	'FROM->T'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.	361	0.6656	103.0528	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00G11_048		0	18WP	G11_048	'FROM->T'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 23	361	0.6656	100.9265	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	0		0	13SP	G11_048	'FROM->T'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230	361	0.66162	102.3461	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'
	FDNS	0		0	13WP	G11_048	'FROM->T'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230	361	0.6605	102.6399	'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1'
	FDNS	0		0	13WP	G11_048	'FROM->T'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230	361	0.6605	111.2986	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'
	FDNS	0		0	13WP	G11_048	'FROM->T'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230	361	0.6605	100.9686	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME	
NCONV	FNSL-Iteration limit	00NR		0 18SP	G11_048		'SPP-SWPS-04'		0	0.04356	9999	'BASE CASE'
	FDNS	00NR		0 23SP	G11_048	'FROM->T	'YOAKUM COUNTY INTERCHANGE (PENN C010585) 230/115	150	0.04833	101.07	'YOAKUM COUNTY INTERCHANGE (GE M100899) 230/115/13.2KV TRANSFORMER CKT 1'	
	FDNS	00NR		0 23SP	G11_048	'FROM->T	'YOAKUM COUNTY INTERCHANGE (PENN C010585) 230/115	150	0.04833	104.5804	'YOAKUM COUNTY INTERCHANGE (GE M100899) 230/115/13.2KV TRANSFORMER CKT 1'	
	FDNS	00NR		0 23SP	G11_048	'FROM->T	'YOAKUM COUNTY INTERCHANGE (GE M100899) 230/115/	150	0.04663	100.8829	'YOAKUM COUNTY INTERCHANGE (PENN C010585) 230/115/13.2KV TRANSFORMER CKT 2'	
	FDNS	00NR		0 13SP	G11_048	'FROM->T	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230	361	0.62404	105.542	'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1'	
	FDNS	00NR		0 13SP	G11_048	'FROM->T	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230	361	0.62404	106.254	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'	
	FDNS	00NR		0 13SP	G11_048	'FROM->T	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230	361	0.62404	105.542	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	
	FDNS	00NR		0 13SP	G11_048	'FROM->T	'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230	361	0.62885	106.245	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	
	FDNS	00NR		0 13WP	G11_048	'FROM->T	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 23	361	0.62885	104.569	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	
	FDNS	00NR		0 13WP	G11_048	'FROM->T	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230	361	0.62404	106.538	'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1'	
	FDNS	00NR		0 13WP	G11_048	'FROM->T	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230	361	0.62404	107.1258	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'	
	FDNS	00NR		0 13WP	G11_048	'FROM->T	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230	361	0.62404	105.868	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	
	FDNS	00NR		0 13WP	G11_048	'FROM->T	'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230	361	0.62885	104.862	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	
	FDNS	00NR		0 13WP	G11_048	'FROM->T	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 23	361	0.62885	103.568	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	
	FDNS	00NR		0 18SP	G11_048	'FROM->T	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230	351	0.63243	107.586	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'	
	FDNS	00NR		0 18WP	G11_048	'FROM->T	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230	361	0.62644	100.9036	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'	
NCONV	FNSL-Iteration limit	00NR		0 18SP	G11_049		'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'	1792	0.32527	33.38732	'BASE CASE'	
NCONV	FNSL-Iteration limit	00NR		0 18SP	G11_049		'LATHAMS7 345.00 - ROSE HILL 345KV CKT 1'	956	0.03985	19.56938	'BASE CASE'	
	FDNS	00NR		0 23SP	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05308	108.466	'GEN520997 1-MORLND2'	
	FDNS	00NR		0 23SP	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05308	110.7122	'GEN520998 1-MORLND3'	
	FDNS	00NR		0 23SP	G11_049	'TO->FROM	'CHISHOLM - MAIZEE 4 138.00 138KV CKT 1'	382	0.03737	107.2417	'BENTON - WICHITA 345KV CKT 1'	
	FDNS	00NR		0 23SP	G11_049	'FROM->T	'EVANS ENERGY CENTER NORTH - MAIZEW 4 138.00 138KV	382	0.03737	112.1449	'BENTON - WICHITA 345KV CKT 1'	
	FDNS	00NR		0 23SP	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05984	106.2279	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'	
	FDNS	00NR		0 13SP	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.07261	107.9911	'DEWEY - IODINE 138KV CKT 1'	
	FDNS	00NR		0 13SP	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.07261	108.7696	'IODINE - WOODWARD EHV 138KV CKT 1'	
	FDNS	00NR		0 13SP	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.10012	130.2312	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'	
	FDNS	00NR		0 13SP	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.10012	137.4065	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'	
	FDNS	00NR		0 13SP	G11_049	'FROM->T	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT	440	0.04133	104.1448	'BENTON - WICHITA 345KV CKT 1'	
	FDNS	00NR		0 13SP	G11_049	'FROM->T	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT	440	0.04133	101.0005	'BENTON - WICHITA 345KV CKT 1'	
	FDNS	00NR		0 13SP	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.06876	111.6758	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'	
	FDNS	00NR		0 13SP	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.07084	110.6679	'DBL-WICH-THI'	
	FDNS	00NR		0 13SP	G11_049	'TO->FROM	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.03403	180.7724	'DBL-WICH-THI'	
	FDNS	00NR		0 13SP	G11_049	'FROM->T	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.03403	216.6553	'DBL-WICH-THI'	
	FDNS	00NR		0 13SP	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.10012	166.0696	'DBL-TGA-MATT'	
	FDNS	00NR		0 13SP	G11_049	'TO->FROM	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.03574	111.1849	'DBL-TGA-MATT'	
	FDNS	00NR		0 13SP	G11_049	'FROM->T	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.10012	110.5437	'DBL-TGA-MATT'	
	FDNS	00NR		0 13SP	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.061	111.4696	'GEN520997 1-MORLND3'	
	FDNS	00NR		0 13SP	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.061	113.309	'GEN520998 1-MORLND2'	
	FDNS	00NR		0 13WP	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.06481	100.2622	'ELK CITY 230KV - SWEETWATER 230KV CKT 1'	
	FDNS	00NR		0 13WP	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.07051	108.8693	'DEWEY - IODINE 138KV CKT 1'	
	FDNS	00NR		0 13WP	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.07051	109.7074	'IODINE - WOODWARD EHV 138KV CKT 1'	

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOAD	CONTNAME	
FDNS		01NR		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.05163	100.9854	'ELK CITY 230KV - SWEETWATER 230KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05163	121.4473	'STLN-DEMARC6 - SWEETWATER 230KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04583	115.4279	'WAUKOMIS - WAUKOMIS TAP 138KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04583	114.9602	'HENESSEY - WAUKOMIS 138KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05053	119.5446	'MATTHEWSON 345.00 - WOODRING 345KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04757	114.0533	'KNOBHILL - SALINE 69KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04757	114.4281	'HELENA TAP - SALINE 69KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04757	115.1154	'GOLTYTP2 69.000 - IMO 69KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04974	115.3972	'NEWKIRK4 - PECKHAM TAP 138KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04583	114.3038	'DOVER SW - HENESSEY 138KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05556	132.7431	'WOODWARD - WOODWARD 69KV CKT 1'
FDNS		01NR		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.05556	101.8267	'WOODWARD - WOODWARD 69KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04399	109.7214	'WOODWARD - WOODWARD EHV 138KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05854	137.2984	'DEWEY - IODINE 138KV CKT 1'
FDNS		01NR		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.05854	104.5671	'DEWEY - IODINE 138KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04627	105.5591	'DEWEY - SOUTHARD 138KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05043	131.6855	'DEWEY - TALOGA 138KV CKT 1'
FDNS		01NR		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.05043	102.2066	'DEWEY - TALOGA 138KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0488	114.7693	'ALVA - KNOBHILL 69KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04708	106.728	'KNOBHILL - MOORELAND 138KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05854	138.3065	'IODINE - WOODWARD EHV 138KV CKT 1'
FDNS		01NR		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.05854	105.1153	'IODINE - WOODWARD EHV 138KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04912	119.9699	'GRACEMONT - MINCO 345KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05081	115.1081	'ROSE HILL - SOONER 345KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04974	115.3964	'MIDLNT4 138.00 - PECKHAM TAP 138KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04627	107.5305	'EL RENO - ROMAN NOSE 138KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04627	106.7585	'ROMAN NOSE - SOUTHARD 138KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05066	120.1214	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04757	114.9373	'GOLTYTP2 69.000 - HELENA TAP 69KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05148	127.6539	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
FDNS		01NR		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.05148	100.1047	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05335	127.4226	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
FDNS		01NR		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.05335	100	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05335	127.4226	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2'
FDNS		01NR		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.05335	100	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06031	136.2151	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
FDNS		01NR		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.06031	105.1313	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06031	136.2151	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
FDNS		01NR		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.06031	105.1313	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.11354	142.1564	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
FDNS		01NR		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.11354	108.4567	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05148	129.5471	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
FDNS		01NR		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.05148	101.1981	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04883	115.2024	'ALVA - CHEROKEE SW 69KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0488	115.4726	'BRANTLEY - MORWOOD 138KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04473	106.5546	'DOVER SW - OKEENE 138KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04955	128.3139	'FT SUPPLY - IODINE 138KV CKT 1'
FDNS		01NR		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04955	100.646	'FT SUPPLY - IODINE 138KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04955	126.7564	'IODINE - MOORELAND 138KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05094	119.7138	'CARTER JCT - MOORELAND 69KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0488	115.4665	'MOREWOOD SW - MORWOOD 138KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04636	107.379	'MOREWOOD SW - RED HILLS WIND 138KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04833	115.0915	'OKEENE - WATONGA SW 69KV CKT 1'
FDNS		01NR		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04867	115.4191	'PUTNAM - TALOGA 69KV CKT 1'

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05094	120.336	'CARTER JCT - WOODWARD 69KV CKT 1'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05163	126.6871	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05045	125.2996	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05163	121.4798	'STATELINE INTERCHANGE - STLN-DEMARC6 230KV CKT 1'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04941	119.6682	'G11-17T 345.00 - POST ROCK 345KV CKT 1'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0496	119.9673	'MINGO - SETAB 345KV CKT 1'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04967	119.6893	'MINGO - RED WILLOW 345KV CKT 1'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0504	122.6	'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05082	120.9203	'BEAVER CO 345.00 - BUCKNER7 345.00 345KV CKT 1'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05068	120.8101	'BENTON - WICHITA 345KV CKT 1'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05092	114.3067	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0512	124.2699	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0512	124.2699	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05163	128.6377	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
	FDNS	01NR		0 13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.05163	100.981	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04968	124.1195	'WOODRING (WOODRNG2) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05556	147.6802	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04708	107.4639	'KNOBHILL (KNOBHIL4) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04503	122.7377	'WOODWARD DISTRICT EHV (WWDEHV) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04504	122.7837	'WOODWARD DISTRICT EHV (WWDEHV-T2) 345/138/13.8KV TRANSFORMER CKT 2'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05094	119.7132	'MOORELAND (MOORELND) 138/69/13.8KV TRANSFORMER CKT 1'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04961	121.3326	'POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05725	143.0569	'DBL-WICH-THI'
	FDNS	01NR		0 13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.05725	109.1196	'DBL-WICH-THI'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06399	152.1653	'DBL-THIS-WWR'
	FDNS	01NR		0 13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.06399	113.9381	'DBL-THIS-WWR'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05214	120.6548	'DBL-HTCH-BVR'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05751	122.7616	'DBL-BVR-WWRD'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04903	115.2394	'SPP-AEPW-01'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05179	119.6372	'SPP-AEPW-32'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04556	115.1677	'OGE3TERM1'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05163	121.4497	'SPP-SWPS-02'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05163	126.5585	'SPP-SWPS-02A'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05167	127.3896	'SPP-SWPS-03'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04916	119.6464	'WRTO400'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	119.5456	'GEN303006 1-1BC2 U1'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	120.1798	'GEN303007 1-1BC2 U2'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	120.2007	'GEN335206 1-NELSON UNIT 6'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	122.4421	'GEN335831 1-RIVERBEND UNIT#1'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	123.9478	'GEN336153 1-WATERFORD UNIT#3'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	121.4011	'GEN337652 1-WHITE BLUFF UNIT #1'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	120.9788	'GEN338143 1-INDEPENDENCE UNIT #1'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	121.0436	'GEN338146 1-INDEPENDENCE UNIT #2'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	120.1059	'GEN338388 1-1PLUM PT U1 23.000'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	121.4359	'GEN501801 1-DOLET HILLS UNIT1'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	120.0433	'GEN501812 1-RODEMACHER UNIT 2'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	120.6058	'GEN501813 1-RODEMACHER UNIT 3'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	120.8669	'GEN509394 1-FLINT CREEK'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	121.9807	'GEN509403 1-PIRKEY GENERATION'

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	121.1284	'GEN509404 1-WELSH #1'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	121.1286	'GEN509405 1-WELSH #2'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	121.1288	'GEN509406 1-WELSH #3'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	121.8567	'GEN509416 1-TURK GENERATION'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	120.7028	'GEN511840 1-NORTHEASTERN STATION #3'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	120.6345	'GEN511841 1-NORTHEASTERN STATION #4'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	120.1534	'GEN512688 2-GRDA1 GSU2 22'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	120.2687	'GEN512689 1-GRDA1 GSU1 22'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	125.1404	'GEN514805 1-SOONER UNIT 1'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	122.7152	'GEN514806 1-SOONER UNIT 2'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	120.953	'GEN515223 1-MUSKOGEE 4G'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	120.9538	'GEN515225 1-MUSKOGEE 5G'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	121.3427	'GEN515226 1-MUSKOGEE 6G'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	109.3049	'GEN515365 1-CENT 21 34.500'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	125.917	'GEN515389 1-TLGAWND1 34.500'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	109.9209	'GEN515393 1-OGEWND2G'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	112.3417	'GEN515397 1-OUSPR1 34.500'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	141.3839	'GEN515787 1-OKLA WIND ENERGY CENTER'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	135.1136	'GEN520922 1-SLEEPING BEAR'
	FDNS	01NR		0 13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04905	104.0167	'GEN520922 1-SLEEPING BEAR'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	121.2733	'GEN520947 1-HUGO1'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	120.5741	'GEN521120 1-BUFBEAR2'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	114.2457	'GEN525561 1-TOLK GEN #1 24 KV'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	114.1283	'GEN525562 1-TOLK GEN #2 24 KV'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	112.9059	'GEN531447 1-HOLCOMB GENERATOR'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	112.6439	'GEN560221 1-G07-62-1 0.6900'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	112.6439	'GEN560222 1-G07-62-2 0.6900'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	112.6861	'GEN560223 1-G07-62-3 0.6900'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	112.6861	'GEN560224 1-G07-62-4 0.6900'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	104.9722	'GEN560429 1-G08-29 0.6400'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	114.9779	'GEN562010 1-G11_024_3 0.6900'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	108.0661	'GEN562023 1-G11_020_3 0.6900'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	108.0661	'GEN562026 1-G11_019_3 0.6900'
	FDNS	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	114.4675	'GEN659118 1-LARAMIE RIVER UNIT1'
	FNSL	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	124.5454	'GEN336821 1-GRAND GULF UNIT'
	FNSL	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	121.5409	'GEN337653 1-WHITE BLUFF UNIT #2'
	FNSL	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	122.1762	'GEN337910 1-ARKANSAS NUCLEAR ONE UNIT #1'
	FNSL	01NR		0 13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04905	123.0764	'GEN337911 1-ARKANSAS NUCLEAR ONE UNIT #2'
	FDNS	01NR		0 13G	G11_054	'FROM->TO'	'CIMARRON (CIMARON2) 345/138/13.8KV TRANSFORMER C	493	0.08323	100.9197	'CIMARRON (CIMARON1) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	01NR		0 13G	G11_054	'FROM->TO'	'CIMARRON (CIMARON1) 345/138/13.8KV TRANSFORMER C	493	0.08423	101.8508	'CIMARRON (CIMARON2) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03NR		0 13G	G11_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.04962	111.4089	'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1'
CONT-080	FDNS	09NR		0 13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.55288	100.37	'HOYT - STRANGER CREEK 345KV CKT 1'
	FDNS	09NR		0 13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.598	108.1978	'BAILEYVILLE N.M. STATION (NEMAHA MARSHALL R - SOUTH SENECA 115KV CKT 1'
	FDNS	09NR		0 13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.598	108.8217	'BAILEYVILLE N.M. STATION (NEMAHA MARSHALL R - SMITTYVILLE N.M. COOP (NEMAHA MARSHALL R.E. 115KV CKT 1'
	FDNS	09NR		0 13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.57733	101.0919	'GREENLEAF - KNOB HILL 115KV CKT 1'
	FDNS	09NR		0 13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.68808	111.3672	'KNOB HILL - STEELE CITY 115KV CKT 1'
	FDNS	09NR		0 13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.598	109.2817	'MARSHALL3 115.00 - SMITTYVILLE N.M. COOP (NEMAHA MARSHALL R.E. 115KV CKT 1'
	FDNS	09NR		0 13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.57617	106.206	'G08-123N 115.00 - PAULINE 115KV CKT 1'
	FDNS	09NR		0 13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.62775	101.4607	'CARLTON JUNCTION - GENEVA 115KV CKT 1'
	FDNS	09NR		0 13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.62775	104.623	'CARLTON JUNCTION - NORTH HEBRON 115KV CKT 1'
	FDNS	09NR		0 13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.74162	123.9709	'FAIRBURY - HARBINE 115KV CKT 1'
	FDNS	09NR		0 13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.74162	110.5226	'FAIRBURY - NORTH HEBRON 115KV CKT 1'
	FDNS	09NR		0 13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.55683	103.5437	'HUMBOLDT - S1399 5 161KV CKT 1'
	FDNS	09NR		0 13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.74162	124.3974	'LN-1175B'

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
	FDNS	09NR	0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.598	109.2336	'SPP-WERE-49B'
	FDNS	09NR	0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.57733	101.0751	'SPP-WERE-85'
	FDNS	09NR	0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.55205	102.2525	'GEN640009 1-COOPER NUCLEAR STATION'
	FDNS	09NR	0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.55205	100	'GEN645001 1-FORT CALHOUN 1'
	FDNS	09NR	0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.55205	102.3302	'GEN645012 2-NEBRASKA CITY 2'
	FDNS	09NR	0	13G	G11_055	'FROM->TO'	'SUB 969 - SUB 974 69KV CKT 1'	47	1	102.0651	'SUB 967 - SUB 968 69KV CKT 1'
	FDNS	09NR	0	13G	G11_055	'FROM->TO'	'SUB 969 - SUB 974 69KV CKT 1'	47	1	111.4122	'SUB 968 - SUB 969 69KV CKT 1'
	FDNS	09NR	0	13G	G11_055	'TO->FROM'	'SUB 967 - SUB 968 69KV CKT 1'	47	1	101.3187	'SUB 969 - SUB 974 69KV CKT 1'
	FDNS	09NR	0	13G	G11_055	'TO->FROM'	'SUB 968 - SUB 969 69KV CKT 1'	47	1	110.5304	'SUB 969 - SUB 974 69KV CKT 1'
	FDNS	09NR	0	13G	G11_055	'FROM->TO'	'SUB 969 - SUB 974 69KV CKT 1'	47	1	111.5279	'S968LINBUS'

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

See next page.

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONT	COMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
CONT-040	FDNS	03ALL		0	13G	ASGI_2011_004	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.0735	102.5819	'HOYT - JEFFREY ENERGY CENTER 345KV CKT 1'
NCONV	FNSL-Itera	03ALL		0	13G	ASGI_2011_004		Non-Coverged Contingency	0	0.13675	9999	'DBL-WICH-THI'
NCONV	FNSL-Blow	03ALL		0	13G	ASGI_2011_004		Non-Coverged Contingency	0	0.11479	9999	'DBL-BVR-WWRD'
NCONV	FNSL-Blow	03ALL		0	13G	ASGI_2011_004		Non-Coverged Contingency	0	0.13638	9999	'DBL-TGA-MATT'
NCONV	FNSL-Blow	03ALL		0	13G	ASGI_2011_004		Non-Coverged Contingency	0	0.05633	9999	'DBL-SPRVL-MU'
NCONV	FNSL-Itera	03ALL		0	13G	ASGI_2011_004		Non-Coverged Contingency	0	0.05633	9999	'DBL-MUL-RENO'
	FDNS	01ALL		0	13G	ASGI_2011_004	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03405	132.6569	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	01ALL		0	13G	ASGI_2011_004	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03405	111.8472	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	01ALL		0	13G	ASGI_2011_004	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03405	139.7757	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01ALL		0	13G	ASGI_2011_004	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03405	116.0666	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	ASGI_2011_004	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.07145	100.6258	'BASE CASE'
	FDNS	03ALL		0	13G	ASGI_2011_004	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.07126	110.6803	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
	FDNS	03ALL		0	13G	ASGI_2011_004	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03228	248.213	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03ALL		0	13G	ASGI_2011_004	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03228	139.6467	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03ALL		0	13G	ASGI_2011_004	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.09517	114.4777	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03ALL		0	13G	ASGI_2011_004	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03228	249.8176	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	ASGI_2011_004	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03228	140.5405	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	ASGI_2011_004	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.09517	114.9009	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	ASGI_2011_004	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.07126	108.4213	'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	ASGI_2011_004	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.07145	124.5085	'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1'
	FDNS	03ALL		0	13G	ASGI_2011_004	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.07614	101.8618	'SWISSVALE - WEST GARDNER 345KV CKT 1'
	FDNS	03ALL		0	13G	ASGI_2011_004	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.07126	104.0136	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03ALL		0	13G	ASGI_2011_004	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.07534	100.9199	'CHISHOLM - MAIZEE 4 138.00 138KV CKT 1'
	FDNS	03ALL		0	13G	ASGI_2011_004	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.07534	101.4302	'EVANS ENERGY CENTER NORTH - MAIZEW 4 138.00 138KV CKT 1'
	FDNS	03ALL		0	13G	ASGI_2011_004	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.07534	101.426	'MAIZE - MAIZEW 4 138.00 138KV CKT 1'
	FDNS	03ALL		0	13G	ASGI_2011_004	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.07534	100.9229	'MAIZE - MAIZEE 4 138.00 138KV CKT 1'
	FDNS	03ALL		0	13G	ASGI_2011_004	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.07334	100.4193	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	ASGI_2011_004	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.0738	102.8293	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	ASGI_2011_004	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.04123	100.357	'DBL-THIS-WWR'
	FDNS	03ALL		0	13G	ASGI_2011_004	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.07534	100.9225	'SPP-WERE-90'
	FDNS	03ALL		0	13G	ASGI_2011_004	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.07534	101.4301	'SPP-WERE-91'
	FDNS	03ALL		0	13G	ASGI_2011_004	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.07365	103.1539	'WRTOD400'
	FDNS	06ALL		0	13G	ASGI_2011_004	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03055	101.5479	'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1'
	FDNS	06ALL		0	13G	ASGI_2011_004	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03393	128.6475	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	06ALL		0	13G	ASGI_2011_004	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03393	130.0404	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME	
	FDNS	06ALL		0	13G	ASGI_2011_004	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03055	103.9393	'SPP-AEPW-32'
	FDNS	08ALL		0	13G	ASGI_2011_004	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03277	119.7562	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	08ALL		0	13G	ASGI_2011_004	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03277	121.189	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	09ALL		0	13G	ASGI_2011_004	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0325	138.9299	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	09ALL		0	13G	ASGI_2011_004	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0325	140.3882	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	14ALL		0	13G	ASGI_2011_004	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03331	113.5694	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	14ALL		0	13G	ASGI_2011_004	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03331	114.9173	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	06ASGI_11		0	13G	ASGI_2011_004	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03313	132.2649	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	06ASGI_11		0	13G	ASGI_2011_004	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03313	133.6673	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	06ASGI_11		0	13G	ASGI_2011_004	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03313	153.8755	'DBL-TGA-MATT'
NCONV	FNSL-Blow	03ALL		0	13G	G10_044		Non-Coverged Contingency	0	0.05541	9999	'DBL-THIS-CLR'
NCONV	FNSL-Blow	03ALL		0	13G	G10_044		Non-Coverged Contingency	0	0.04192	9999	'DBL-TGA-MATT'
	FDNS	03ALL		0	13G	G10_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.03505	100.6258	'BASE CASE'
	FDNS	03ALL		0	13G	G10_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.05728	110.6803	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
	FDNS	03ALL		0	13G	G10_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.04234	114.4777	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03ALL		0	13G	G10_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.04234	114.9009	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G10_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.05728	108.4213	'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G10_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.03505	124.5085	'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1'
	FDNS	03ALL		0	13G	G10_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.03815	101.8618	'SWISSVALE - WEST GARDNER 345KV CKT 1'
	FDNS	03ALL		0	13G	G10_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.05728	104.0136	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03ALL		0	13G	G10_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.03793	100.9199	'CHISHOLM - MAIZEE 4 138.00 138KV CKT 1'
	FDNS	03ALL		0	13G	G10_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.03793	101.4302	'EVANS ENERGY CENTER NORTH - MAIZEW 4 138.00 138KV CKT 1'
	FDNS	03ALL		0	13G	G10_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.03793	101.426	'MAIZE - MAIZEW 4 138.00 138KV CKT 1'
	FDNS	03ALL		0	13G	G10_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.03793	100.9229	'MAIZE - MAIZEE 4 138.00 138KV CKT 1'
	FDNS	03ALL		0	13G	G10_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.03583	100.4193	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G10_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.03602	102.8293	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G10_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.05005	100.357	'DBL-THIS-WWR'
	FDNS	03ALL		0	13G	G10_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.03793	100.9225	'SPP-WERE-90'
	FDNS	03ALL		0	13G	G10_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.03793	101.4301	'SPP-WERE-91'
	FDNS	09ALL		0	13G	G10_044	'FROM->TO'	'BEATRICE POWER STATION - CLATONIA 115KV CKT 1'	137	0.33639	115.9381	'BEATRICE POWER STATION - SHELDON 115KV CKT 1'
	FDNS	09ALL		0	13G	G10_044	'FROM->TO'	'CLATONIA - SHELDON 115KV CKT 1'	137	0.33639	114.2571	'BEATRICE POWER STATION - SHELDON 115KV CKT 1'
	FDNS	00NR		0	23SP	G10_044	'FROM->TO'	'BEATRICE POWER STATION - CLATONIA 115KV CKT 1'	137	0.28003	102.8328	'BEATRICE POWER STATION - SHELDON 115KV CKT 1'
	FDNS	00NR		0	13SP	G10_044	'FROM->TO'	'BEATRICE POWER STATION - CLATONIA 115KV CKT 1'	137	0.26394	104.9487	'BEATRICE POWER STATION - SHELDON 115KV CKT 1'
	FDNS	00NR		0	13SP	G10_044	'FROM->TO'	'CLATONIA - SHELDON 115KV CKT 1'	137	0.26394	101.2626	'BEATRICE POWER STATION - SHELDON 115KV CKT 1'
	FDNS	00NR		0	13WP	G10_044	'FROM->TO'	'BEATRICE POWER STATION - CLATONIA 115KV CKT 1'	137	0.25433	106.8764	'BEATRICE POWER STATION - SHELDON 115KV CKT 1'
	FDNS	00NR		0	13WP	G10_044	'FROM->TO'	'CLATONIA - SHELDON 115KV CKT 1'	137	0.25433	103.4617	'BEATRICE POWER STATION - SHELDON 115KV CKT 1'
	FDNS	00NR		0	13WP	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.76403	102.0779	'FAIRBURY - HARBINE 115KV CKT 1'
	FDNS	00NR		0	13WP	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.76403	102.6425	'LN-1175B'
	FDNS	00NR		0	18SP	G10_044	'FROM->TO'	'BEATRICE POWER STATION - CLATONIA 115KV CKT 1'	137	0.27824	100.3656	'BEATRICE POWER STATION - SHELDON 115KV CKT 1'
	FDNS	00NR		0	18WP	G10_044	'FROM->TO'	'BEATRICE POWER STATION - CLATONIA 115KV CKT 1'	137	0.26361	105.9896	'BEATRICE POWER STATION - SHELDON 115KV CKT 1'
	FDNS	00NR		0	18WP	G10_044	'FROM->TO'	'CLATONIA - SHELDON 115KV CKT 1'	137	0.26361	102.304	'BEATRICE POWER STATION - SHELDON 115KV CKT 1'
	FDNS	00NR		0	18WP	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.75886	100	'FAIRBURY - HARBINE 115KV CKT 1'
	FDNS	00NR		0	18WP	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.75886	100.5337	'LN-1175B'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
	FDNS	09G10_04	0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.72875	113.0816	'FAIRBURY - HARBINE 115KV CKT 1'
	FDNS	09G10_04	0	13G	G10_044	'TO->FROM'	'BEATRICE - HARBINE 115KV CKT 1'	99	0.72875	113.5536	'LN-1175B'
CONT-040	FDNS	03ALL	0	13G	G10_061	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.14542	102.5819	'HOYT - JEFFREY ENERGY CENTER 345KV CKT 1'
NCONV	FNSL-Itera	03ALL	0	13G	G10_061		Non-Coverged Contingency	0	0.14889	9999	'DBL-WICH-THI'
NCONV	FNSL-Blow	03ALL	0	13G	G10_061		Non-Coverged Contingency	0	0.26682	9999	'DBL-THIS-CLR'
NCONV	FNSL-Blow	03ALL	0	13G	G10_061		Non-Coverged Contingency	0	0.08287	9999	'DBL-BVR-WWRD'
NCONV	FNSL-Blow	03ALL	0	13G	G10_061		Non-Coverged Contingency	0	0.11868	9999	'DBL-TGA-MATT'
NCONV	FNSL-Blow	03ALL	0	13G	G10_061		Non-Coverged Contingency	0	0.19667	9999	'DBL-SPRVL-MU'
NCONV	FNSL-Itera	03ALL	0	13G	G10_061		Non-Coverged Contingency	0	0.19667	9999	'DBL-MUL-RENO'
	FDNS	01ALL	0	13G	G10_061	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03869	132.6569	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	01ALL	0	13G	G10_061	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03869	111.8472	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	01ALL	0	13G	G10_061	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03869	139.7757	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01ALL	0	13G	G10_061	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03869	116.0666	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01ALL	0	13G	G10_061	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.0457	102.5811	'BENTON - WICHITA 345KV CKT 1'
	FDNS	01ALL	0	13G	G10_061	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.0457	100.4413	'BENTON - WICHITA 345KV CKT 1'
	FDNS	01ALL	0	13G	G10_061	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03097	145.6736	'DBL-WICH-THI'
	FDNS	01ALL	0	13G	G10_061	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03097	119.6885	'DBL-WICH-THI'
	FDNS	03ALL	0	13G	G10_061	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.14065	100.6258	'BASE CASE'
	FDNS	03ALL	0	13G	G10_061	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.17148	110.6803	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
	FDNS	03ALL	0	13G	G10_061	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.03123	116.5325	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03ALL	0	13G	G10_061	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03692	248.213	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03ALL	0	13G	G10_061	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03692	139.6467	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03ALL	0	13G	G10_061	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.1613	114.4777	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03ALL	0	13G	G10_061	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.03123	117.2646	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL	0	13G	G10_061	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03692	249.8176	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL	0	13G	G10_061	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03692	140.5405	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL	0	13G	G10_061	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.1613	114.9009	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL	0	13G	G10_061	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.17148	108.4213	'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1'
	FDNS	03ALL	0	13G	G10_061	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.14065	124.5085	'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1'
	FDNS	03ALL	0	13G	G10_061	'FROM->TO'	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	319	0.07499	100.7109	'AXTELL - POST ROCK 345KV CKT 1'
	FDNS	03ALL	0	13G	G10_061	'TO->FROM'	'MOUNDRIDGE - RENO COUNTY 115KV CKT 1'	245	0.03914	102.4738	'RENO COUNTY - WICHITA 345KV CKT 1'
	FDNS	03ALL	0	13G	G10_061	'FROM->TO'	'MOUNDRIDGE (MOUND10X) 138/115/13.8KV TR	110	0.03138	188.3627	'RENO COUNTY - WICHITA 345KV CKT 1'
	FDNS	03ALL	0	13G	G10_061	'FROM->TO'	'MOUNDRIDGE (MOUND10X) 138/115/13.8KV TR	110	0.03138	188.8267	'RENO COUNTY - WICHITA 345KV CKT 1'
	FDNS	03ALL	0	13G	G10_061	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.1504	101.8618	'SWISSVALE - WEST GARDNER 345KV CKT 1'
	FDNS	03ALL	0	13G	G10_061	'TO->FROM'	'CHISHOLM - MAIZEE 4 138.00 138KV CKT 1'	382	0.05247	106.5691	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03ALL	0	13G	G10_061	'FROM->TO'	'EVANS ENERGY CENTER NORTH - MAIZEW 4 13	382	0.05247	109.2581	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03ALL	0	13G	G10_061	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03886	112.3377	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03ALL	0	13G	G10_061	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.04473	129.3026	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03ALL	0	13G	G10_061	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03886	110.1513	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03ALL	0	13G	G10_061	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.04473	126.7959	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03ALL	0	13G	G10_061	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.17148	104.0136	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03ALL	0	13G	G10_061	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.14937	100.9199	'CHISHOLM - MAIZEE 4 138.00 138KV CKT 1'
	FDNS	03ALL	0	13G	G10_061	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.14937	101.4302	'EVANS ENERGY CENTER NORTH - MAIZEW 4 138.00 138KV CKT 1'
	FDNS	03ALL	0	13G	G10_061	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.14937	101.426	'MAIZE - MAIZEW 4 138.00 138KV CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME	
	FDNS	03ALL		0	13G	G10_061	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.14937	100.9229	'MAIZE - MAIZEE 4 138.00 138KV CKT 1'
	FDNS	03ALL		0	13G	G10_061	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.14371	100.4193	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G10_061	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.14446	102.8293	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G10_061	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.16407	100.357	'DBL-THIS-WWR'
	FDNS	03ALL		0	13G	G10_061	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.14937	100.9225	'SPP-WERE-90'
	FDNS	03ALL		0	13G	G10_061	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.14937	101.4301	'SPP-WERE-91'
	FDNS	03ALL		0	13G	G10_061	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.14572	103.1539	'WRTOD400'
	FDNS	06ALL		0	13G	G10_061	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03857	128.6475	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	06ALL		0	13G	G10_061	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03857	130.0404	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	06ALL		0	13G	G10_061	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0313	112.6499	'DBL-WICH-THI'
	FDNS	08ALL		0	13G	G10_061	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03741	119.7562	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	08ALL		0	13G	G10_061	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03741	121.189	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	08ALL		0	13G	G10_061	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03034	102.3636	'DBL-WICH-THI'
	FDNS	09ALL		0	13G	G10_061	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03714	138.9299	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	09ALL		0	13G	G10_061	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03714	140.3882	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	09ALL		0	13G	G10_061	'FROM->TO'	'MOUNDRIDGE (MOUND10X) 138/115/13.8KV TR	110	0.03125	118.8746	'RENO COUNTY - WICHITA 345KV CKT 1'
	FDNS	09ALL		0	13G	G10_061	'FROM->TO'	'MOUNDRIDGE (MOUND10X) 138/115/13.8KV TR	110	0.03125	118.9383	'RENO COUNTY - WICHITA 345KV CKT 1'
	FDNS	09ALL		0	13G	G10_061	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03015	119.8002	'DBL-WICH-THI'
	FDNS	14ALL		0	13G	G10_061	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03795	113.5694	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	14ALL		0	13G	G10_061	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03795	114.9173	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	14ALL		0	13G	G10_061	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03085	103.0052	'DBL-WICH-THI'
	FDNS	03G10_06		0	13G	G10_061	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03723	213.6972	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03G10_06		0	13G	G10_061	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03723	120.5555	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03G10_06		0	13G	G10_061	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0315	100.5431	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G10_06		0	13G	G10_061	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03723	215.2481	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G10_06		0	13G	G10_061	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03723	121.4151	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G10_06		0	13G	G10_061	'TO->FROM'	'MULLERGREN - SPEARVILLE 230KV CKT 1'	355.3	0.08349	108.3271	'G11-17T 345.00 - POST ROCK 345KV CKT 1'
	FDNS	03G10_06		0	13G	G10_061	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.14169	107.2725	'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1'
	FDNS	03G10_06		0	13G	G10_061	'FROM->TO'	'MOUNDRIDGE (MOUND10X) 138/115/13.8KV TR	110	0.03157	165.6803	'RENO COUNTY - WICHITA 345KV CKT 1'
	FDNS	03G10_06		0	13G	G10_061	'FROM->TO'	'MOUNDRIDGE (MOUND10X) 138/115/13.8KV TR	110	0.03157	165.9581	'RENO COUNTY - WICHITA 345KV CKT 1'
	FDNS	03G10_06		0	13G	G10_061	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03913	103.0654	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03G10_06		0	13G	G10_061	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.04504	118.6286	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03G10_06		0	13G	G10_061	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03913	101.1755	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03G10_06		0	13G	G10_061	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.04504	116.4638	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03G10_06		0	13G	G10_061	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03013	190.5838	'DBL-WICH-THI'
	FDNS	03G10_06		0	13G	G10_061	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03013	107.7388	'DBL-WICH-THI'
	FDNS	03G10_06		0	13G	G10_061	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0315	110.6067	'DBL-TGA-MATT'
	FDNS	03G10_06		0	13G	G10_061	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03723	235.3741	'DBL-TGA-MATT'
	FDNS	03G10_06		0	13G	G10_061	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03723	132.523	'DBL-TGA-MATT'
	FDNS	03G10_06		0	13G	G10_061	'TO->FROM'	'MULLERGREN - SPEARVILLE 230KV CKT 1'	355.3	0.05195	103.9135	'DBL-SPRVL-MU'
	FDNS	03G10_06		0	13G	G10_061	'TO->FROM'	'MULLERGREN - SPEARVILLE 230KV CKT 1'	355.3	0.05195	103.4204	'DBL-MUL-RENO'
NCONV	FNSL-Itera	07ALL		0	13G	G11_037		Non-Coverged Contingency	441	0.04971	52.40893	'STLN-DEMARC6 - SWEETWATER 230KV CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME	
NCONV	FNSL-Itera	07ALL		0	13G	G11_037		Non-Covered Contingency	395	0.04971	59.58812	'STATELINE INTERCHANGE - STLN-DEMARC6 230KV CKT 1'
NCONV	FNSL-Itera	07ALL		0	13G	G11_037		Non-Covered Contingency	0	0.09941	9999	'SPP-SWPS-02'
	FDNS	00G11_03		0	13WP	G11_037	'FROM->T	'LAWEASOKLUNI'	425	0.08785	103.9	'BASE CASE'
	FDNS	07ALL		0	13G	G11_037	'TO->FROM	'SOUTHWESTERN STATION - WASHITA 138KV CKT 1'	287	0.07217	103.157	'GRACEMONT (BANK 1) 345/138/13.8KV TRANSFORMER CKT 1'
NCONV	FNSL-Itera	07ALL		0	13G	G11_040		Non-Covered Contingency	0	0.04987	9999	'SPP-SWPS-02'
	FDNS	00G11_04		0	13WP	G11_040	'FROM->T	'LAWEASOKLUNI'	425	0.08568	103.8	'BASE CASE'
	FDNS	00NR		0	13WP	G11_040	'FROM->T	'LAWEASOKLUNI'	425	0.03523	118.4	'BASE CASE'
	FDNS	00NR		0	18WP	G11_040	'FROM->T	'LAWEASOKLUNI'	425	0.03379	102.7	'BASE CASE'
CONT-040	FDNS	03ALL		0	13G	G11_043	'TO->FROM	'BENTON - WICHITA 345KV CKT 1'	932	0.18377	102.5819	'HOYT - JEFFREY ENERGY CENTER 345KV CKT 1'
NCONV	FNSL-Itera	03ALL		0	13G	G11_043		Non-Covered Contingency	0	0.43016	9999	'DBL-WICH-THI'
NCONV	FNSL-Blow	03ALL		0	13G	G11_043		Non-Covered Contingency	0	0.14106	9999	'DBL-TGA-MATT'
NCONV	FNSL-Blow	03ALL		0	13G	G11_043		Non-Covered Contingency	0	0.04902	9999	'DBL-SPRVL-MU'
NCONV	FNSL-Itera	03ALL		0	13G	G11_043		Non-Covered Contingency	0	0.04902	9999	'DBL-MUL-RENO'
SPP_FG-52	FDNS	01ALL		0	13G	G11_043	'FROM->T	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03248	119.127	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
SPP_FG-52	FDNS	03ALL		0	13G	G11_043	'FROM->T	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03138	116.5434	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
SPP_FG-52	FDNS	03G11_04		0	13G	G11_043	'FROM->T	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03158	104.6099	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	00G11_04		0	13SP	G11_043	'FROM->T	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03238	101.5039	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	00G11_04		0	13SP	G11_043	'FROM->T	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.06666	118.2604	'DBL-WICH-THI'
	FDNS	00G11_04		0	13WP	G11_043	'FROM->T	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.06696	119.0451	'DBL-WICH-THI'
	FDNS	00G11_04		0	18WP	G11_043	'FROM->T	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03243	100.8969	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	00G11_04		0	18WP	G11_043	'FROM->T	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.06676	115.5978	'DBL-WICH-THI'
	FDNS	01ALL		0	13G	G11_043	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03248	133.8405	'WOODWARD - WOODWARD 69KV CKT 1'
	FDNS	01ALL		0	13G	G11_043	'FROM->T	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03248	110.7357	'WOODWARD - WOODWARD 69KV CKT 1'
	FDNS	01ALL		0	13G	G11_043	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0344	137.0494	'DEWEY - IODINE 138KV CKT 1'
	FDNS	01ALL		0	13G	G11_043	'FROM->T	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0344	113.0093	'DEWEY - IODINE 138KV CKT 1'
	FDNS	01ALL		0	13G	G11_043	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0344	138.0683	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	01ALL		0	13G	G11_043	'FROM->T	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0344	113.5616	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	01ALL		0	13G	G11_043	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03072	115.1174	'ROSE HILL - SOONER 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_043	'FROM->T	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03072	101.4742	'ROSE HILL - SOONER 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_043	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03211	129.4531	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_043	'FROM->T	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03211	109.9733	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_043	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0463	132.6569	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_043	'FROM->T	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0463	111.8472	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_043	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03175	138.894	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_043	'FROM->T	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03175	115.734	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_043	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03175	138.894	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	01ALL		0	13G	G11_043	'FROM->T	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03175	115.734	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
FDNS	01ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0463	139.7757	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
FDNS	01ALL		0	13G	G11_043	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0463	116.0666	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
FDNS	01ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03211	131.3281	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
FDNS	01ALL		0	13G	G11_043	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03211	111.0913	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
FDNS	01ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03147	121.5295	'BENTON - WICHITA 345KV CKT 1'
FDNS	01ALL		0	13G	G11_043	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03147	105.2828	'BENTON - WICHITA 345KV CKT 1'
FDNS	01ALL		0	13G	G11_043	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.06312	102.5811	'BENTON - WICHITA 345KV CKT 1'
FDNS	01ALL		0	13G	G11_043	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.06312	100.4413	'BENTON - WICHITA 345KV CKT 1'
FDNS	01ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03282	114.092	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
FDNS	01ALL		0	13G	G11_043	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03282	100.7408	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
FDNS	01ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03411	125.3367	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
FDNS	01ALL		0	13G	G11_043	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03411	107.5823	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
FDNS	01ALL		0	13G	G11_043	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.03038	117.2155	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
FDNS	01ALL		0	13G	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.03038	106.4349	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
FDNS	01ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03411	125.3367	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
FDNS	01ALL		0	13G	G11_043	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03411	107.5823	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
FDNS	01ALL		0	13G	G11_043	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.03038	117.2155	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
FDNS	01ALL		0	13G	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.03038	106.4349	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
FDNS	01ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03248	149.1841	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
FDNS	01ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03065	122.2983	'POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1'
FDNS	01ALL		0	13G	G11_043	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03065	105.6949	'POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1'
FDNS	01ALL		0	13G	G11_043	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03475	121.7726	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
FDNS	01ALL		0	13G	G11_043	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03475	118.1856	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
FDNS	01ALL		0	13G	G11_043	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03267	114.4025	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
FDNS	01ALL		0	13G	G11_043	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03267	110.7692	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
FDNS	01ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0494	145.6736	'DBL-WICH-THI'
FDNS	01ALL		0	13G	G11_043	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0494	119.6885	'DBL-WICH-THI'
FDNS	01ALL		0	13G	G11_043	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.05354	128.4315	'DBL-WICH-THI'
FDNS	01ALL		0	13G	G11_043	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.05354	175.5584	'DBL-WICH-THI'
FDNS	01ALL		0	13G	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.05354	154.4959	'DBL-WICH-THI'
FDNS	01ALL		0	13G	G11_043	'FROM->TO'	'MEDICINE LODGE (MED-LDG4) 138/115/2.72KV	65	0.03446	102.8526	'DBL-WICH-THI'
FDNS	01ALL		0	13G	G11_043	'FROM->TO'	'MEDICINE LODGE (MED-LDG4) 138/115/2.72KV	65	0.03446	101.7027	'DBL-WICH-THI'
FDNS	01ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03269	123.4772	'DBL-HTCH-BVR'
FDNS	01ALL		0	13G	G11_043	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03269	106.4267	'DBL-HTCH-BVR'
FDNS	01ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03251	128.075	'DBL-BVR-WWRD'
FDNS	01ALL		0	13G	G11_043	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03251	109.2148	'DBL-BVR-WWRD'
FDNS	01ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03065	120.1256	'SPP-SWPS-04'
FDNS	01ALL		0	13G	G11_043	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03065	104.4104	'SPP-SWPS-04'
FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.1796	100.6258	'BASE CASE'
FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03168	180.7742	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03168	102.4645	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.2146	110.6803	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03138	192.7274	'WOODWARD - WOODWARD 69KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03138	108.3529	'WOODWARD - WOODWARD 69KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 2'	287	0.03031	103.9659	'WOODWARD - WOODWARD EHV 138KV CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.03308	112.8564	'WOODWARD - WOODWARD EHV 138KV CKT 2'
FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0332	202.305	'DEWEY - IODINE 138KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0332	113.716	'DEWEY - IODINE 138KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0332	203.2911	'IODINE - WOODWARD EHV 138KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0332	114.25	'IODINE - WOODWARD EHV 138KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03118	178.983	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03118	101.4845	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.03765	116.5325	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04453	248.213	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04453	139.6467	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.20414	114.4777	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03064	185.2798	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03064	105.0083	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03064	185.2798	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
FDNS	03ALL		0	13G	G11_043	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03064	105.0083	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.03765	117.2646	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04453	249.8176	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04453	140.5405	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.20414	114.9009	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03118	181.0436	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03118	102.6136	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03168	179.5599	'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03168	101.7585	'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.2146	108.4213	'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.1796	124.5085	'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1'
FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.18884	101.8618	'SWISSVALE - WEST GARDNER 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03046	177.1823	'BENTON - WICHITA 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03046	100.5166	'BENTON - WICHITA 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'CHISHOLM - MAIZEE 4 138.00 138KV CKT 1'	382	0.06451	106.5691	'BENTON - WICHITA 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'FROM->TO'	'EVANS ENERGY CENTER NORTH - MAIZEW 4 13	382	0.06451	109.2581	'BENTON - WICHITA 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.054	112.3377	'BENTON - WICHITA 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.06216	129.3026	'BENTON - WICHITA 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.054	110.1513	'BENTON - WICHITA 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.06216	126.7959	'BENTON - WICHITA 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03168	177.116	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03168	100.3679	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.2146	104.0136	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03312	181.8893	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03312	103.0587	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.03013	121.4962	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
FDNS	03ALL		0	13G	G11_043	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.03013	167.7814	'THISTLE7 345.00 - WICHITA 345KV CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME	
	FDNS	03ALL		0	13G	G11_043	'FROM->T'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.03013	146.441	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03312	181.8893	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03ALL		0	13G	G11_043	'FROM->T'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03312	103.0587	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.03013	121.4962	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03ALL		0	13G	G11_043	'FROM->T'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.03013	167.7814	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03ALL		0	13G	G11_043	'FROM->T'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.03013	146.441	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.18962	100.9199	'CHISHOLM - MAIZEE 4 138.00 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.18962	101.4302	'EVANS ENERGY CENTER NORTH - MAIZEW 4 138.00 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.18962	101.426	'MAIZE - MAIZEW 4 138.00 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.18962	100.9229	'MAIZE - MAIZEE 4 138.00 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03138	207.8974	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.18461	100.4193	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_043	'FROM->T'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03431	131.9868	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_043	'FROM->T'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03431	129.2674	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.18584	102.8293	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_043	'FROM->T'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03227	124.1493	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_043	'FROM->T'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03227	121.2211	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.23995	100.357	'DBL-THIS-WWR'
	FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.03025	107.4504	'DBL-THIS-WWR'
	FDNS	03ALL		0	13G	G11_043	'FROM->T'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.03025	151.8775	'DBL-THIS-WWR'
	FDNS	03ALL		0	13G	G11_043	'FROM->T'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.03025	130.192	'DBL-THIS-WWR'
	FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03184	163.4927	'DBL-HTCH-BVR'
	FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.18962	100.9225	'SPP-WERE-90'
	FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.18962	101.4301	'SPP-WERE-91'
	FDNS	03ALL		0	13G	G11_043	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.18403	103.1539	'WRTOD400'
	FDNS	06ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03275	100.4585	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
	FDNS	06ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03261	110.6789	'WOODWARD - WOODWARD 69KV CKT 1'
	FDNS	06ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03447	115.8409	'DEWEY - IODINE 138KV CKT 1'
	FDNS	06ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03447	116.8364	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	06ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04618	128.6475	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	06ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03183	105.627	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	06ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03183	105.627	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	06ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04618	130.0404	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	06ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0343	100.6414	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	06ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0343	100.6414	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	06ALL		0	13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03261	123.0854	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	06ALL		0	13G	G11_043	'FROM->T'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03481	115.5935	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	06ALL		0	13G	G11_043	'FROM->T'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03481	111.5934	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
	FDNS	06ALL		0	13G	G11_043	'FROM->TO' WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03273	108.7897	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	06ALL		0	13G	G11_043	'FROM->TO' WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03273	104.6531	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	06ALL		0	13G	G11_043	'TO->FROM' FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04973	112.6499	'DBL-WICH-THI'
	FDNS	06ALL		0	13G	G11_043	'FROM->TO' FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.05401	114.1035	'DBL-WICH-THI'
	FDNS	06ALL		0	13G	G11_043	'FROM->TO' HARPER - MILAN TAP 138KV CKT 1'	95.6	0.05401	103.029	'DBL-WICH-THI'
	FDNS	07ALL		0	13G	G11_043	'FROM->TO' WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03454	116.8041	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	07ALL		0	13G	G11_043	'FROM->TO' WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03454	112.7968	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	07ALL		0	13G	G11_043	'FROM->TO' WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03248	109.9283	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	07ALL		0	13G	G11_043	'FROM->TO' WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03248	105.7793	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	07ALL		0	13G	G11_043	'FROM->TO' FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.05352	124.1656	'DBL-WICH-THI'
	FDNS	07ALL		0	13G	G11_043	'FROM->TO' HARPER - MILAN TAP 138KV CKT 1'	95.6	0.05352	113.0602	'DBL-WICH-THI'
	FDNS	08ALL		0	13G	G11_043	'TO->FROM' FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03189	106.6664	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
	FDNS	08ALL		0	13G	G11_043	'TO->FROM' FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03166	106.8221	'WOODWARD - WOODWARD 69KV CKT 1'
	FDNS	08ALL		0	13G	G11_043	'TO->FROM' FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03351	111.4468	'DEWEY - IODINE 138KV CKT 1'
	FDNS	08ALL		0	13G	G11_043	'TO->FROM' FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03351	112.4343	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	08ALL		0	13G	G11_043	'TO->FROM' FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04502	119.7562	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	08ALL		0	13G	G11_043	'TO->FROM' FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03092	101.2649	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	08ALL		0	13G	G11_043	'TO->FROM' FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03092	101.2649	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	08ALL		0	13G	G11_043	'TO->FROM' FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04502	121.189	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	08ALL		0	13G	G11_043	'TO->FROM' FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0314	100.6894	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
	FDNS	08ALL		0	13G	G11_043	'TO->FROM' FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03166	118.7202	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	08ALL		0	13G	G11_043	'FROM->TO' WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03453	113.2847	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	08ALL		0	13G	G11_043	'FROM->TO' WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03453	109.4893	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	08ALL		0	13G	G11_043	'FROM->TO' WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03247	106.3943	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	08ALL		0	13G	G11_043	'FROM->TO' WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03247	102.5703	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	08ALL		0	13G	G11_043	'TO->FROM' FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04877	102.3636	'DBL-WICH-THI'
	FDNS	09ALL		0	13G	G11_043	'TO->FROM' FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03171	112.1338	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_043	'TO->FROM' FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03148	120.9677	'WOODWARD - WOODWARD 69KV CKT 1'
	FDNS	09ALL		0	13G	G11_043	'TO->FROM' FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03331	126.3252	'DEWEY - IODINE 138KV CKT 1'
	FDNS	09ALL		0	13G	G11_043	'TO->FROM' FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03331	127.3021	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	09ALL		0	13G	G11_043	'TO->FROM' FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03122	111.767	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_043	'TO->FROM' FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04475	138.9299	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_043	'TO->FROM' FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03075	115.041	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_043	'TO->FROM' FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03075	115.041	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
	FDNS	09ALL		0	13G	G11_043	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04475	140.3882	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_043	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03122	113.7257	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_043	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03171	110.7756	'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_043	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03056	107.9698	'BENTON - WICHITA 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_043	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03171	107.8478	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_043	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03325	109.3204	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_043	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03325	109.3204	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	09ALL		0	13G	G11_043	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03148	133.0766	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	09ALL		0	13G	G11_043	'FROM->TO'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03447	115.993	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	09ALL		0	13G	G11_043	'FROM->TO'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03447	112.1203	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	09ALL		0	13G	G11_043	'FROM->TO'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03241	109.1707	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	09ALL		0	13G	G11_043	'FROM->TO'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03241	105.1588	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	09ALL		0	13G	G11_043	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04857	119.8002	'DBL-WICH-THI'
	FDNS	09ALL		0	13G	G11_043	'FROM->TO'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.05361	108.7387	'DBL-WICH-THI'
	FDNS	09ALL		0	13G	G11_043	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03179	100.4747	'DBL-HTCH-BVR'
	FDNS	14ALL		0	13G	G11_043	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03225	100.9839	'WOODWARD - WOODWARD 69KV CKT 1'
	FDNS	14ALL		0	13G	G11_043	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03408	105.0464	'DEWEY - IODINE 138KV CKT 1'
	FDNS	14ALL		0	13G	G11_043	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03408	106.049	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	14ALL		0	13G	G11_043	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04556	113.5694	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	14ALL		0	13G	G11_043	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04556	114.9173	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	14ALL		0	13G	G11_043	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03225	113.345	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	14ALL		0	13G	G11_043	'FROM->TO'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03455	114.4454	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	14ALL		0	13G	G11_043	'FROM->TO'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03455	110.4528	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	14ALL		0	13G	G11_043	'FROM->TO'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03248	107.7246	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	14ALL		0	13G	G11_043	'FROM->TO'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03248	103.5962	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	14ALL		0	13G	G11_043	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04928	103.0052	'DBL-WICH-THI'
	FDNS	14ALL		0	13G	G11_043	'FROM->TO'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.05366	106.7515	'DBL-WICH-THI'
	FDNS	03G11_04		0	13G	G11_043	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03186	157.0952	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
	FDNS	03G11_04		0	13G	G11_043	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03158	167.4282	'WOODWARD - WOODWARD 69KV CKT 1'
	FDNS	03G11_04		0	13G	G11_043	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03342	176.2425	'DEWEY - IODINE 138KV CKT 1'
	FDNS	03G11_04		0	13G	G11_043	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03342	101.392	'DEWEY - IODINE 138KV CKT 1'
	FDNS	03G11_04		0	13G	G11_043	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03342	177.231	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	03G11_04		0	13G	G11_043	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03342	101.9286	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	03G11_04		0	13G	G11_043	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03137	155.7712	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03G11_04		0	13G	G11_043	'TO->FROM'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.03792	100	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03G11_04		0	13G	G11_043	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04485	212.4423	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03G11_04		0	13G	G11_043	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04485	119.8144	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
	FDNS	03G11_04		0 13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03084	161.3851	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03084	161.3851	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	03G11_04		0 13G	G11_043	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.03792	100.7502	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04485	213.9891	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_043	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04485	120.6739	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03137	157.7797	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03186	155.7677	'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_043	'TO->FROM'	'MULLERGREN - SPEARVILLE 230KV CKT 1'	355.3	0.03102	106.0327	'G11-17T 345.00 - POST ROCK 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_043	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.18069	106.9504	'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1'
	FDNS	03G11_04		0 13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03065	153.4245	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_043	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.05428	103.0518	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_043	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.06248	118.6129	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_043	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.05428	101.1595	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_043	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.06248	116.4453	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03186	152.9712	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03331	156.8214	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_043	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.03023	103.2182	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_043	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.03023	147.0507	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.03023	125.4443	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03331	156.8214	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G11_04		0 13G	G11_043	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.03023	103.2182	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G11_04		0 13G	G11_043	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.03023	147.0507	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G11_04		0 13G	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.03023	125.4443	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G11_04		0 13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03158	182.2446	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	03G11_04		0 13G	G11_043	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03444	127.2292	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03G11_04		0 13G	G11_043	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03444	124.3476	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03G11_04		0 13G	G11_043	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03238	119.566	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03G11_04		0 13G	G11_043	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03238	116.629	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03G11_04		0 13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04857	190.1061	'DBL-WICH-THI'
	FDNS	03G11_04		0 13G	G11_043	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04857	107.4999	'DBL-WICH-THI'
	FDNS	03G11_04		0 13G	G11_043	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.05334	157.891	'DBL-WICH-THI'
	FDNS	03G11_04		0 13G	G11_043	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.05334	212.6925	'DBL-WICH-THI'
	FDNS	03G11_04		0 13G	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.05334	191.3994	'DBL-WICH-THI'
	FDNS	03G11_04		0 13G	G11_043	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.03033	131.7275	'DBL-THIS-WWR'
	FDNS	03G11_04		0 13G	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.03033	109.8669	'DBL-THIS-WWR'
	FDNS	03G11_04		0 13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03196	142.0979	'DBL-HTCH-BVR'
	FDNS	03G11_04		0 13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03194	114.8688	'DBL-BVR-WWRD'
	FDNS	03G11_04		0 13G	G11_043	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.03792	110.1687	'DBL-TGA-MATT'
	FDNS	03G11_04		0 13G	G11_043	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04485	234.4704	'DBL-TGA-MATT'
	FDNS	03G11_04		0 13G	G11_043	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04485	131.9824	'DBL-TGA-MATT'
CONT-040	FDNS	03ALL		0 13G	G11_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.18377	102.5819	'HOYT - JEFFREY ENERGY CENTER 345KV CKT 1'
NCONV	FNSL-Itera	03ALL		0 13G	G11_044		Non-Coverged Contingency	0	0.43016	9999	'DBL-WICH-THI'
NCONV	FNSL-Blow	03ALL		0 13G	G11_044		Non-Coverged Contingency	0	0.14106	9999	'DBL-TGA-MATT'
NCONV	FNSL-Blow	03ALL		0 13G	G11_044		Non-Coverged Contingency	0	0.04902	9999	'DBL-SPRVL-MU'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME	
NCONV	FNSL-Itera	03ALL		0	13G	G11_044	Non-Coverged Contingency		0	0.04902	9999	'DBL-MUL-RENO'
SPP_FG-52	FDNS	01ALL		0	13G	G11_044	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03248	119.127	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'	
SPP_FG-52	FDNS	03ALL		0	13G	G11_044	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03138	116.5434	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'	
SPP_FG-52	FDNS	03G11_044		0	13G	G11_044	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03158	104.6099	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'	
	FDNS	00G11_044		0	13SP	G11_044	'FROM->TO'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03238	101.5039	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'	
	FDNS	00G11_044		0	13SP	G11_044	'FROM->TO'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.06666	118.2604	'DBL-WICH-THI'	
	FDNS	00G11_044		0	13WP	G11_044	'FROM->TO'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.06696	119.0451	'DBL-WICH-THI'	
	FDNS	00G11_044		0	18WP	G11_044	'FROM->TO'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03243	100.8969	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'	
	FDNS	00G11_044		0	18WP	G11_044	'FROM->TO'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.06676	115.5978	'DBL-WICH-THI'	
	FDNS	01ALL		0	13G	G11_044	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03248	133.8405	'WOODWARD - WOODWARD 69KV CKT 1'	
	FDNS	01ALL		0	13G	G11_044	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03248	110.7357	'WOODWARD - WOODWARD 69KV CKT 1'	
	FDNS	01ALL		0	13G	G11_044	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0344	137.0494	'DEWEY - IODINE 138KV CKT 1'	
	FDNS	01ALL		0	13G	G11_044	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0344	113.0093	'DEWEY - IODINE 138KV CKT 1'	
	FDNS	01ALL		0	13G	G11_044	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0344	138.0683	'IODINE - WOODWARD EHV 138KV CKT 1'	
	FDNS	01ALL		0	13G	G11_044	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0344	113.5616	'IODINE - WOODWARD EHV 138KV CKT 1'	
	FDNS	01ALL		0	13G	G11_044	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03072	115.1174	'ROSE HILL - SOONER 345KV CKT 1'	
	FDNS	01ALL		0	13G	G11_044	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03072	101.4742	'ROSE HILL - SOONER 345KV CKT 1'	
	FDNS	01ALL		0	13G	G11_044	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03211	129.4531	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'	
	FDNS	01ALL		0	13G	G11_044	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03211	109.9733	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'	
	FDNS	01ALL		0	13G	G11_044	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0463	132.6569	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'	
	FDNS	01ALL		0	13G	G11_044	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0463	111.8472	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'	
	FDNS	01ALL		0	13G	G11_044	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03175	138.894	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'	
	FDNS	01ALL		0	13G	G11_044	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03175	115.734	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'	
	FDNS	01ALL		0	13G	G11_044	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03175	138.894	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'	
	FDNS	01ALL		0	13G	G11_044	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03175	115.734	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'	
	FDNS	01ALL		0	13G	G11_044	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0463	139.7757	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'	
	FDNS	01ALL		0	13G	G11_044	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0463	116.0666	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'	
	FDNS	01ALL		0	13G	G11_044	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03211	131.3281	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'	
	FDNS	01ALL		0	13G	G11_044	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03211	111.0913	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'	
	FDNS	01ALL		0	13G	G11_044	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03147	121.5295	'BENTON - WICHITA 345KV CKT 1'	
	FDNS	01ALL		0	13G	G11_044	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03147	105.2828	'BENTON - WICHITA 345KV CKT 1'	
	FDNS	01ALL		0	13G	G11_044	'FROM->TO'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.06312	102.5811	'BENTON - WICHITA 345KV CKT 1'	
	FDNS	01ALL		0	13G	G11_044	'FROM->TO'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.06312	100.4413	'BENTON - WICHITA 345KV CKT 1'	
	FDNS	01ALL		0	13G	G11_044	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03282	114.092	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'	
	FDNS	01ALL		0	13G	G11_044	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03282	100.7408	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'	
	FDNS	01ALL		0	13G	G11_044	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03411	125.3367	'THISTLE7 345.00 - WICHITA 345KV CKT 1'	
	FDNS	01ALL		0	13G	G11_044	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03411	107.5823	'THISTLE7 345.00 - WICHITA 345KV CKT 1'	
	FDNS	01ALL		0	13G	G11_044	'FROM->TO'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.03038	117.2155	'THISTLE7 345.00 - WICHITA 345KV CKT 1'	
	FDNS	01ALL		0	13G	G11_044	'FROM->TO'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.03038	106.4349	'THISTLE7 345.00 - WICHITA 345KV CKT 1'	

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
FDNS	01ALL		0	13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03411	125.3367	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
FDNS	01ALL		0	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03411	107.5823	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
FDNS	01ALL		0	13G	G11_044	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.03038	117.2155	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
FDNS	01ALL		0	13G	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.03038	106.4349	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
FDNS	01ALL		0	13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03248	149.1841	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
FDNS	01ALL		0	13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03065	122.2983	'POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1'
FDNS	01ALL		0	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03065	105.6949	'POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1'
FDNS	01ALL		0	13G	G11_044	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03475	121.7726	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
FDNS	01ALL		0	13G	G11_044	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03475	118.1856	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
FDNS	01ALL		0	13G	G11_044	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03267	114.4025	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
FDNS	01ALL		0	13G	G11_044	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03267	110.7692	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
FDNS	01ALL		0	13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0494	145.6736	'DBL-WICH-THI'
FDNS	01ALL		0	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0494	119.6885	'DBL-WICH-THI'
FDNS	01ALL		0	13G	G11_044	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.05354	128.4315	'DBL-WICH-THI'
FDNS	01ALL		0	13G	G11_044	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.05354	175.5584	'DBL-WICH-THI'
FDNS	01ALL		0	13G	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.05354	154.4959	'DBL-WICH-THI'
FDNS	01ALL		0	13G	G11_044	'FROM->TO'	'MEDICINE LODGE (MED-LDG4) 138/115/2.72KV T	65	0.03446	102.8526	'DBL-WICH-THI'
FDNS	01ALL		0	13G	G11_044	'FROM->TO'	'MEDICINE LODGE (MED-LDG4) 138/115/2.72KV T	65	0.03446	101.7027	'DBL-WICH-THI'
FDNS	01ALL		0	13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03269	123.4772	'DBL-HTCH-BVR'
FDNS	01ALL		0	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03269	106.4267	'DBL-HTCH-BVR'
FDNS	01ALL		0	13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03251	128.075	'DBL-BVR-WWRD'
FDNS	01ALL		0	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03251	109.2148	'DBL-BVR-WWRD'
FDNS	01ALL		0	13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03065	120.1256	'SPP-SWPS-04'
FDNS	01ALL		0	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03065	104.4104	'SPP-SWPS-04'
FDNS	03ALL		0	13G	G11_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.1796	100.6258	'BASE CASE'
FDNS	03ALL		0	13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03168	180.7742	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
FDNS	03ALL		0	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03168	102.4645	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
FDNS	03ALL		0	13G	G11_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.2146	110.6803	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
FDNS	03ALL		0	13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03138	192.7274	'WOODWARD - WOODWARD 69KV CKT 1'
FDNS	03ALL		0	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03138	108.3529	'WOODWARD - WOODWARD 69KV CKT 1'
FDNS	03ALL		0	13G	G11_044	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 2'	287	0.03031	103.9659	'WOODWARD - WOODWARD EHV 138KV CKT 1'
FDNS	03ALL		0	13G	G11_044	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.03308	112.8564	'WOODWARD - WOODWARD EHV 138KV CKT 2'
FDNS	03ALL		0	13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0332	202.305	'DEWEY - IODINE 138KV CKT 1'
FDNS	03ALL		0	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0332	113.716	'DEWEY - IODINE 138KV CKT 1'
FDNS	03ALL		0	13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0332	203.2911	'IODINE - WOODWARD EHV 138KV CKT 1'
FDNS	03ALL		0	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0332	114.25	'IODINE - WOODWARD EHV 138KV CKT 1'
FDNS	03ALL		0	13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03118	178.983	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
FDNS	03ALL		0	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03118	101.4845	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
FDNS	03ALL		0	13G	G11_044	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.03765	116.5325	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
FDNS	03ALL		0	13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04453	248.213	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
	FDNS	03ALL		0 13G	G11_044	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04453	139.6467	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM	'BENTON - WICHITA 345KV CKT 1'	932	0.20414	114.4777	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03064	185.2798	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03064	105.0083	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03064	185.2798	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	03ALL		0 13G	G11_044	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03064	105.0083	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.03765	117.2646	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04453	249.8176	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04453	140.5405	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM	'BENTON - WICHITA 345KV CKT 1'	932	0.20414	114.9009	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03118	181.0436	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03118	102.6136	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03168	179.5599	'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03168	101.7585	'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM	'BENTON - WICHITA 345KV CKT 1'	932	0.2146	108.4213	'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM	'BENTON - WICHITA 345KV CKT 1'	932	0.1796	124.5085	'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM	'BENTON - WICHITA 345KV CKT 1'	932	0.18884	101.8618	'SWISSVALE - WEST GARDNER 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03046	177.1823	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03046	100.5166	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM	'CHISHOLM - MAIZEE 4 138.00 138KV CKT 1'	382	0.06451	106.5691	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'FROM->TO	'EVANS ENERGY CENTER NORTH - MAIZEW 4 13	382	0.06451	109.2581	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'FROM->TO	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.054	112.3377	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'FROM->TO	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.06216	129.3026	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'FROM->TO	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.054	110.1513	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'FROM->TO	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.06216	126.7959	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03168	177.116	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03168	100.3679	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM	'BENTON - WICHITA 345KV CKT 1'	932	0.2146	104.0136	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03312	181.8893	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03312	103.0587	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.03013	121.4962	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'FROM->TO	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.03013	167.7814	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'FROM->TO	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.03013	146.441	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03312	181.8893	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03ALL		0 13G	G11_044	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03312	103.0587	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.03013	121.4962	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03ALL		0 13G	G11_044	'FROM->TO	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.03013	167.7814	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03ALL		0 13G	G11_044	'FROM->TO	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.03013	146.441	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM	'BENTON - WICHITA 345KV CKT 1'	932	0.18962	100.9199	'CHISHOLM - MAIZEE 4 138.00 138KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM	'BENTON - WICHITA 345KV CKT 1'	932	0.18962	101.4302	'EVANS ENERGY CENTER NORTH - MAIZEW 4 138.00 138KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM	'BENTON - WICHITA 345KV CKT 1'	932	0.18962	101.426	'MAIZE - MAIZEW 4 138.00 138KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM	'BENTON - WICHITA 345KV CKT 1'	932	0.18962	100.9229	'MAIZE - MAIZEE 4 138.00 138KV CKT 1'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03138	207.8974	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
	FDNS	03ALL		0 13G	G11_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.18461	100.4193	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0 13G	G11_044	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03431	131.9868	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0 13G	G11_044	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03431	129.2674	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.18584	102.8293	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0 13G	G11_044	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03227	124.1493	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0 13G	G11_044	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03227	121.2211	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.23995	100.357	'DBL-THIS-WWR'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.03025	107.4504	'DBL-THIS-WWR'
	FDNS	03ALL		0 13G	G11_044	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.03025	151.8775	'DBL-THIS-WWR'
	FDNS	03ALL		0 13G	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.03025	130.192	'DBL-THIS-WWR'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03184	163.4927	'DBL-HTCH-BVR'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.18962	100.9225	'SPP-WERE-90'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.18962	101.4301	'SPP-WERE-91'
	FDNS	03ALL		0 13G	G11_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.18403	103.1539	'WRTOD400'
	FDNS	06ALL		0 13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03275	100.4585	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
	FDNS	06ALL		0 13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03261	110.6789	'WOODWARD - WOODWARD 69KV CKT 1'
	FDNS	06ALL		0 13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03447	115.8409	'DEWEY - IODINE 138KV CKT 1'
	FDNS	06ALL		0 13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03447	116.8364	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	06ALL		0 13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04618	128.6475	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	06ALL		0 13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03183	105.627	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	06ALL		0 13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03183	105.627	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	06ALL		0 13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04618	130.0404	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	06ALL		0 13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0343	100.6414	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	06ALL		0 13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0343	100.6414	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	06ALL		0 13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03261	123.0854	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	06ALL		0 13G	G11_044	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03481	115.5935	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	06ALL		0 13G	G11_044	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03481	111.5934	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	06ALL		0 13G	G11_044	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03273	108.7897	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	06ALL		0 13G	G11_044	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03273	104.6531	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	06ALL		0 13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04973	112.6499	'DBL-WICH-THI'
	FDNS	06ALL		0 13G	G11_044	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.05401	114.1035	'DBL-WICH-THI'
	FDNS	06ALL		0 13G	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.05401	103.029	'DBL-WICH-THI'
	FDNS	07ALL		0 13G	G11_044	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03454	116.8041	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	07ALL		0 13G	G11_044	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03454	112.7968	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	07ALL		0 13G	G11_044	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03248	109.9283	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME	
	FDNS	07ALL		0	13G	G11_044	'FROM->TO	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03248	105.7793	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	07ALL		0	13G	G11_044	'FROM->TO	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.05352	124.1656	'DBL-WICH-THI'
	FDNS	07ALL		0	13G	G11_044	'FROM->TO	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.05352	113.0602	'DBL-WICH-THI'
	FDNS	08ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03189	106.6664	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
	FDNS	08ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03166	106.8221	'WOODWARD - WOODWARD 69KV CKT 1'
	FDNS	08ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03351	111.4468	'DEWEY - IODINE 138KV CKT 1'
	FDNS	08ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03351	112.4343	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	08ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04502	119.7562	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	08ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03092	101.2649	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	08ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03092	101.2649	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	08ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04502	121.189	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	08ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0314	100.6894	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
	FDNS	08ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03166	118.7202	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	08ALL		0	13G	G11_044	'FROM->TO	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03453	113.2847	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	08ALL		0	13G	G11_044	'FROM->TO	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03453	109.4893	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	08ALL		0	13G	G11_044	'FROM->TO	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03247	106.3943	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	08ALL		0	13G	G11_044	'FROM->TO	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03247	102.5703	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	08ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04877	102.3636	'DBL-WICH-THI'
	FDNS	09ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03171	112.1338	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03148	120.9677	'WOODWARD - WOODWARD 69KV CKT 1'
	FDNS	09ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03331	126.3252	'DEWEY - IODINE 138KV CKT 1'
	FDNS	09ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03331	127.3021	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	09ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03122	111.767	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04475	138.9299	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03075	115.041	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03075	115.041	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	09ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04475	140.3882	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03122	113.7257	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03171	110.7756	'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03056	107.9698	'BENTON - WICHITA 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03171	107.8478	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03325	109.3204	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03325	109.3204	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	09ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03148	133.0766	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	09ALL		0	13G	G11_044	'FROM->TO	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03447	115.993	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	09ALL		0	13G	G11_044	'FROM->TO	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03447	112.1203	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME	
	FDNS	09ALL		0	13G	G11_044	'FROM->T	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03241	109.1707	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	09ALL		0	13G	G11_044	'FROM->T	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03241	105.1588	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	09ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04857	119.8002	'DBL-WICH-THI'
	FDNS	09ALL		0	13G	G11_044	'FROM->T	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.05361	108.7387	'DBL-WICH-THI'
	FDNS	09ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03179	100.4747	'DBL-HTCH-BVR'
	FDNS	14ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03225	100.9839	'WOODWARD - WOODWARD 69KV CKT 1'
	FDNS	14ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03408	105.0464	'DEWEY - IODINE 138KV CKT 1'
	FDNS	14ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03408	106.049	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	14ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04556	113.5694	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	14ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04556	114.9173	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	14ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03225	113.345	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	14ALL		0	13G	G11_044	'FROM->T	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03455	114.4454	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	14ALL		0	13G	G11_044	'FROM->T	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03455	110.4528	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	14ALL		0	13G	G11_044	'FROM->T	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03248	107.7246	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	14ALL		0	13G	G11_044	'FROM->T	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03248	103.5962	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	14ALL		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04928	103.0052	'DBL-WICH-THI'
	FDNS	14ALL		0	13G	G11_044	'FROM->T	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.05366	106.7515	'DBL-WICH-THI'
	FDNS	00NR		0	23SP	G11_044	'TO->FROM	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.04039	131.3618	'DBL-WICH-THI'
	FDNS	00NR		0	23SP	G11_044	'FROM->T	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.04039	164.194	'DBL-WICH-THI'
	FDNS	00NR		0	13SP	G11_044	'TO->FROM	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.03721	180.7724	'DBL-WICH-THI'
	FDNS	00NR		0	13SP	G11_044	'FROM->T	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.03721	216.6553	'DBL-WICH-THI'
	FDNS	00NR		0	13WP	G11_044	'TO->FROM	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.03787	185.8668	'DBL-WICH-THI'
	FDNS	00NR		0	13WP	G11_044	'FROM->T	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.03787	222.2421	'DBL-WICH-THI'
	FDNS	00NR		0	18SP	G11_044	'TO->FROM	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.03876	149.211	'DBL-WICH-THI'
	FDNS	00NR		0	18SP	G11_044	'FROM->T	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.03876	183.8196	'DBL-WICH-THI'
	FDNS	00NR		0	18WP	G11_044	'TO->FROM	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.03723	180.087	'DBL-WICH-THI'
	FDNS	00NR		0	18WP	G11_044	'FROM->T	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.03723	215.8625	'DBL-WICH-THI'
	FDNS	03G11_04		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03186	157.0952	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
	FDNS	03G11_04		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03158	167.4282	'WOODWARD - WOODWARD 69KV CKT 1'
	FDNS	03G11_04		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03342	176.2425	'DEWEY - IODINE 138KV CKT 1'
	FDNS	03G11_04		0	13G	G11_044	'FROM->T	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03342	101.392	'DEWEY - IODINE 138KV CKT 1'
	FDNS	03G11_04		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03342	177.231	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	03G11_04		0	13G	G11_044	'FROM->T	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03342	101.9286	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	03G11_04		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03137	155.7712	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03G11_04		0	13G	G11_044	'TO->FROM	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.03792	100	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03G11_04		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04485	212.4423	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03G11_04		0	13G	G11_044	'FROM->T	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04485	119.8144	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03G11_04		0	13G	G11_044	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03084	161.3851	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
	FDNS	03G11_04		0 13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03084	161.3851	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	03G11_04		0 13G	G11_044	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.03792	100.7502	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04485	213.9891	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04485	120.6739	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03137	157.7797	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03186	155.7677	'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_044	'TO->FROM'	'MULLERGREN - SPEARVILLE 230KV CKT 1'	355.3	0.03102	106.0327	'G11-17T 345.00 - POST ROCK 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.18069	106.9504	'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1'
	FDNS	03G11_04		0 13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03065	153.4245	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_044	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.05428	103.0518	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_044	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.06248	118.6129	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_044	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.05428	101.1595	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_044	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.06248	116.4453	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03186	152.9712	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03331	156.8214	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_044	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.03023	103.2182	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_044	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.03023	147.0507	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.03023	125.4443	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_04		0 13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03331	156.8214	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G11_04		0 13G	G11_044	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.03023	103.2182	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G11_04		0 13G	G11_044	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.03023	147.0507	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G11_04		0 13G	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.03023	125.4443	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G11_04		0 13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03158	182.2446	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	03G11_04		0 13G	G11_044	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03444	127.2292	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03G11_04		0 13G	G11_044	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03444	124.3476	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03G11_04		0 13G	G11_044	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03238	119.566	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03G11_04		0 13G	G11_044	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFO	440	0.03238	116.629	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03G11_04		0 13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04857	190.1061	'DBL-WICH-THI'
	FDNS	03G11_04		0 13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04857	107.4999	'DBL-WICH-THI'
	FDNS	03G11_04		0 13G	G11_044	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.05334	157.891	'DBL-WICH-THI'
	FDNS	03G11_04		0 13G	G11_044	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.05334	212.6925	'DBL-WICH-THI'
	FDNS	03G11_04		0 13G	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.05334	191.3994	'DBL-WICH-THI'
	FDNS	03G11_04		0 13G	G11_044	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.03033	131.7275	'DBL-THIS-WWR'
	FDNS	03G11_04		0 13G	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.03033	109.8669	'DBL-THIS-WWR'
	FDNS	03G11_04		0 13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03196	142.0979	'DBL-HTCH-BVR'
	FDNS	03G11_04		0 13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03194	114.8688	'DBL-BVR-WWRD'
	FDNS	03G11_04		0 13G	G11_044	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.03792	110.1687	'DBL-TGA-MATT'
	FDNS	03G11_04		0 13G	G11_044	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04485	234.4704	'DBL-TGA-MATT'
	FDNS	03G11_04		0 13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04485	131.9824	'DBL-TGA-MATT'
NCONV	FNSL-Itera	00NR		0 18SP	G11_045		'SPP-SWPS-04'	0	0.08653	9999	'BASE CASE'
	FDNS	00G11_04		0 18SP	G11_045	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043	252	0.13494	107.7274	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'
	FDNS	00G11_04		0 18SP	G11_045	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043	252	0.13494	115.7079	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONT	COMMONNAME	RATEB	TDF	TC%LOAD	CONTNAME
	FDNS	00G11_04		0 18SP	G11_045	'FROM->TO		'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043	252	0.14174	100.5408	'LUBBOCK EAST INTERCHANGE (ENRCO 136162) 230/115/13.2KV TRANSFORMER CKT 1'
	FDNS	00G11_04		0 18SP	G11_045	'FROM->TO		'Jones Station Bus#2 - LUBBOCK SOUTH INTERCH	351	0.29639	102.3485	'JONES STATION - LUBBOCK SOUTH INTERCHANGE 230KV CKT 1'
	FDNS	00G11_04		0 18SP	G11_045	'FROM->TO		'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043	252	0.13498	116.2102	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'
	FDNS	00G11_04		0 18SP	G11_045	'FROM->TO		'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043	252	0.13498	124.7804	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'
	FDNS	00G11_04		0 18SP	G11_045	'FROM->TO		'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043	252	0.14178	103.5868	'LUBBOCK EAST INTERCHANGE (ENRCO 136162) 230/115/13.2KV TRANSFORMER CKT 1'
	FDNS	00G11_04		0 18SP	G11_045	'FROM->TO		'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043	252	0.14178	109.7048	'LUBBOCK EAST INTERCHANGE (ENRCO 136162) 230/115/13.2KV TRANSFORMER CKT 1'
	FDNS	00G11_04		0 23SP	G11_045	'TO->FROM		'ALLEN SUB - LUBBOCK SOUTH INTERCHANGE 115	160	0.0583	105.3545	'CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1'
	FDNS	00G11_04		0 23SP	G11_045	'FROM->TO		'Jones Station Bus#2 - LUBBOCK SOUTH INTERCH	351	0.30899	105.3829	'JONES STATION - LUBBOCK SOUTH INTERCHANGE 230KV CKT 1'
	FDNS	00G11_04		0 23SP	G11_045	'FROM->TO		'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043	290	0.12962	106.1062	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'
	FDNS	00G11_04		0 23SP	G11_045	'FROM->TO		'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043	290	0.12962	115.1524	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'
	FDNS	00G11_04		0 23SP	G11_045	'FROM->TO		'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043	290	0.13618	100.1404	'LUBBOCK EAST INTERCHANGE (ENRCO 136162) 230/115/13.2KV TRANSFORMER CKT 1'
	FDNS	00NR		0 23SP	G11_045	'TO->FROM		'ALLEN SUB - LUBBOCK SOUTH INTERCHANGE 115	160	0.0503	106.517	'CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1'
	FDNS	00NR		0 23SP	G11_045	'FROM->TO		'Jones Station Bus#2 - LUBBOCK SOUTH INTERCH	351	0.30369	110.8969	'JONES STATION - LUBBOCK SOUTH INTERCHANGE 230KV CKT 1'
	FDNS	00NR		0 23SP	G11_045	'FROM->TO		'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043	290	0.11002	105.4056	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'
	FDNS	00NR		0 23SP	G11_045	'FROM->TO		'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043	290	0.11002	114.6569	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'
	FDNS	00NR		0 18SP	G11_045	'FROM->TO		'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043	252	0.1078	105.959	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'
	FDNS	00NR		0 18SP	G11_045	'FROM->TO		'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043	252	0.1078	113.841	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'
	FDNS	06G11_04		0 13G	G11_045	'TO->FROM		'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03165	104.7948	'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1'
	FDNS	06G11_04		0 13G	G11_045	'TO->FROM		'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03291	132.1812	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	06G11_04		0 13G	G11_045	'TO->FROM		'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03291	133.5834	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	06G11_04		0 13G	G11_045	'TO->FROM		'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03291	153.7919	'DBL-TGA-MATT'
	FDNS	06G11_04		0 13G	G11_045	'TO->FROM		'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03165	107.1921	'SPP-AEPW-32'
	FDNS	06G11_04		0 13G	G11_045	'TO->FROM		'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03086	104.7285	'SPP-SWPS-01'
	FDNS	06G11_04		0 13G	G11_046	'TO->FROM		'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03325	132.784	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	06G11_04		0 13G	G11_046	'TO->FROM		'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03325	134.1886	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	06G11_04		0 13G	G11_046	'FROM->TO		'PLANT X STATION (WH ALM20171) 230/115/13.2	239	0.06525	100.4083	'LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1'
	FDNS	06G11_04		0 13G	G11_046	'FROM->TO		'PLANT X STATION (WH ALM20171) 230/115/13.2	239	0.06525	102.1049	'LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1'
	FDNS	06G11_04		0 13G	G11_046	'FROM->TO		'PLANT X STATION (WH ALM20171) 230/115/13.2	239	0.06525	100.3817	'LAMB COUNTY INTERCHANGE (WH ALM20172) 230/115/13.2KV TRANSFORMER CKT 1'
	FDNS	06G11_04		0 13G	G11_046	'FROM->TO		'PLANT X STATION (WH ALM20171) 230/115/13.2	239	0.06525	102.0624	'LAMB COUNTY INTERCHANGE (WH ALM20172) 230/115/13.2KV TRANSFORMER CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
	FDNS	06G11_04	0	13G	G11_046	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03325	154.3869	'DBL-TGA-MATT'
	FDNS	06G11_04	0	13G	G11_046	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.06525	100.3796	'SPP-SWPS-K37'
	FDNS	06G11_04	0	13G	G11_046	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.06525	102.0603	'SPP-SWPS-K37'
NCONV	FNSL-Itera	00NR	0	18SP	G11_048		'SPP-SWPS-04'	0	0.04356	9999	'BASE CASE'
	FDNS	00G11_04	0	13SP	G11_048	'FROM->TO'	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	0.66162	102.3461	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'
	FDNS	00G11_04	0	13WP	G11_048	'FROM->TO'	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	0.6605	102.6399	'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1'
	FDNS	00G11_04	0	13WP	G11_048	'FROM->TO'	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	0.6605	111.2986	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'
	FDNS	00G11_04	0	13WP	G11_048	'FROM->TO'	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	0.6605	100.9686	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00G11_04	0	13WP	G11_048	'FROM->TO'	'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1'	361	0.6656	103.0528	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00G11_04	0	13WP	G11_048	'FROM->TO'	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	0.6656	100.9265	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00G11_04	0	18SP	G11_048	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230KV CKT 1'	252	0.03525	107.7274	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'
	FDNS	00G11_04	0	18SP	G11_048	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230KV CKT 1'	252	0.03525	115.7079	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'
	FDNS	00G11_04	0	18SP	G11_048	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230KV CKT 1'	252	0.03652	100.5408	'LUBBOCK EAST INTERCHANGE (ENRCO 136162) 230/115/13.2KV TRANSFORMER CKT 1'
	FDNS	00G11_04	0	18SP	G11_048	'FROM->TO'	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	0.66162	102.3461	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'
	FDNS	00G11_04	0	18WP	G11_048	'FROM->TO'	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	0.6605	102.6399	'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1'
	FDNS	00G11_04	0	18WP	G11_048	'FROM->TO'	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	0.6605	111.2986	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'
	FDNS	00G11_04	0	18WP	G11_048	'FROM->TO'	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	0.6605	100.9686	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00G11_04	0	18WP	G11_048	'FROM->TO'	'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1'	361	0.6656	103.0528	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00G11_04	0	18WP	G11_048	'FROM->TO'	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	0.6656	100.9265	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	0	0	13SP	G11_048	'FROM->TO'	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	0.66162	102.3461	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'
	FDNS	0	0	13WP	G11_048	'FROM->TO'	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	0.6605	102.6399	'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1'
	FDNS	0	0	13WP	G11_048	'FROM->TO'	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	0.6605	111.2986	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'
	FDNS	0	0	13WP	G11_048	'FROM->TO'	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	0.6605	100.9686	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	0	0	13WP	G11_048	'FROM->TO'	'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1'	361	0.6656	103.0528	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	0	0	13WP	G11_048	'FROM->TO'	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	0.6656	100.9265	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	0	0	18SP	G11_048	'FROM->TO'	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	0.66162	102.3461	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'
	FDNS	0	0	18WP	G11_048	'FROM->TO'	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	0.6605	102.6399	'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1'
	FDNS	0	0	18WP	G11_048	'FROM->TO'	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	361	0.6605	111.2986	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
	FDNS	0	0	18WP	G11_048	'FROM->TO	'MUSTANG STATION - YOAKUM COUNTY INTERCH	361	0.6605	100.9686	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	0	0	18WP	G11_048	'FROM->TO	'AMOCO WASSON SWITCHING STATION - OXYBRU	361	0.6656	103.0528	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	0	0	18WP	G11_048	'FROM->TO	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERC	361	0.6656	100.9265	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	0	0	18SP	G11_048	'FROM->TO	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043	252	0.03525	107.7274	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'
	FDNS	0	0	18SP	G11_048	'FROM->TO	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043	252	0.03525	115.7079	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'
	FDNS	0	0	18SP	G11_048	'FROM->TO	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043	252	0.03652	100.5408	'LUBBOCK EAST INTERCHANGE (ENRCO 136162) 230/115/13.2KV TRANSFORMER CKT 1'
	FDNS	00G11_048	0	23SP	G11_048	'FROM->TO	'YOAKUM COUNTY INTERCHANGE (PENN C01058	150	0.05183	100.3479	'YOAKUM COUNTY INTERCHANGE (GE M100899) 230/115/13.2KV TRANSFORMER CKT 1'
	FDNS	00G11_048	0	23SP	G11_048	'FROM->TO	'YOAKUM COUNTY INTERCHANGE (PENN C01058	150	0.05183	103.9124	'YOAKUM COUNTY INTERCHANGE (GE M100899) 230/115/13.2KV TRANSFORMER CKT 1'
	FDNS	00G11_048	0	23SP	G11_048	'FROM->TO	'YOAKUM COUNTY INTERCHANGE (GE M100899	150	0.05	100.227	'YOAKUM COUNTY INTERCHANGE (PENN C010585) 230/115/13.2KV TRANSFORMER CKT 2'
	FDNS	00NR	0	23SP	G11_048	'FROM->TO	'YOAKUM COUNTY INTERCHANGE (PENN C01058	150	0.04833	101.07	'YOAKUM COUNTY INTERCHANGE (GE M100899) 230/115/13.2KV TRANSFORMER CKT 1'
	FDNS	00NR	0	23SP	G11_048	'FROM->TO	'YOAKUM COUNTY INTERCHANGE (PENN C01058	150	0.04833	104.5804	'YOAKUM COUNTY INTERCHANGE (GE M100899) 230/115/13.2KV TRANSFORMER CKT 1'
	FDNS	00NR	0	23SP	G11_048	'FROM->TO	'YOAKUM COUNTY INTERCHANGE (GE M100899	150	0.04663	100.8829	'YOAKUM COUNTY INTERCHANGE (PENN C010585) 230/115/13.2KV TRANSFORMER CKT 2'
	FDNS	00NR	0	13SP	G11_048	'FROM->TO	'MUSTANG STATION - YOAKUM COUNTY INTERCH	361	0.62404	105.542	'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1'
	FDNS	00NR	0	13SP	G11_048	'FROM->TO	'MUSTANG STATION - YOAKUM COUNTY INTERCH	361	0.62404	106.254	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'
	FDNS	06G11_048	0	13G	G11_048	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03313	134.4965	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	06G11_048	0	13G	G11_048	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03313	135.9064	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	06G11_048	0	13G	G11_048	'FROM->TO	'PLANT X STATION (WH ALM20171) 230/115/13.2	239	0.05617	100.674	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'
	FDNS	06G11_048	0	13G	G11_048	'FROM->TO	'PLANT X STATION (WH ALM20171) 230/115/13.2	239	0.03072	101.2121	'LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1'
	FDNS	06G11_048	0	13G	G11_048	'FROM->TO	'PLANT X STATION (WH ALM20171) 230/115/13.2	239	0.03072	102.8819	'LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1'
	FDNS	06G11_048	0	13G	G11_048	'FROM->TO	'PLANT X STATION (WH ALM20171) 230/115/13.2	239	0.03072	101.1875	'LAMB COUNTY INTERCHANGE (WH ALM20172) 230/115/13.2KV TRANSFORMER CKT 1'
	FDNS	06G11_048	0	13G	G11_048	'FROM->TO	'PLANT X STATION (WH ALM20171) 230/115/13.2	239	0.03072	102.873	'LAMB COUNTY INTERCHANGE (WH ALM20172) 230/115/13.2KV TRANSFORMER CKT 1'
	FDNS	06G11_048	0	13G	G11_048	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03313	156.1024	'DBL-TGA-MATT'
	FDNS	06G11_048	0	13G	G11_048	'FROM->TO	'PLANT X STATION (WH ALM20171) 230/115/13.2	239	0.03072	101.1852	'SPP-SWPS-K37'
	FDNS	06G11_048	0	13G	G11_048	'FROM->TO	'PLANT X STATION (WH ALM20171) 230/115/13.2	239	0.03072	102.8707	'SPP-SWPS-K37'
	FDNS	00NR	0	13SP	G11_048	'FROM->TO	'MUSTANG STATION - YOAKUM COUNTY INTERCH	361	0.62404	105.542	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR	0	13SP	G11_048	'FROM->TO	'AMOCO WASSON SWITCHING STATION - OXYBRU	361	0.62885	106.245	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR	0	13WP	G11_048	'FROM->TO	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERC	361	0.62885	104.569	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR	0	13WP	G11_048	'FROM->TO	'MUSTANG STATION - YOAKUM COUNTY INTERCH	361	0.62404	106.538	'AMOCO WASSON SWITCHING STATION - OXYBRU_TP 6230.00 230KV CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
	FDNS	00NR		0 13WP	G11_048	'FROM->TO	MUSTANG STATION - YOAKUM COUNTY INTERCH	361	0.62404	107.1258	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'
	FDNS	00NR		0 13WP	G11_048	'FROM->TO	MUSTANG STATION - YOAKUM COUNTY INTERCH	361	0.62404	105.868	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		0 13WP	G11_048	'FROM->TO	AMOCO WASSON SWITCHING STATION - OXYBRU	361	0.62885	104.862	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		0 13WP	G11_048	'FROM->TO	OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERC	361	0.62885	103.568	'MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		0 18SP	G11_048	'FROM->TO	MUSTANG STATION - YOAKUM COUNTY INTERCH	351	0.63243	107.586	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'
	FDNS	00NR		0 18WP	G11_048	'FROM->TO	MUSTANG STATION - YOAKUM COUNTY INTERCH	361	0.62644	100.9036	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1'
CONT-040	FDNS	03ALL		0 13G	G11_049	'TO->FROM	FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04561	171.7819	'HOYT - JEFFREY ENERGY CENTER 345KV CKT 1'
CONT-040	FDNS	03ALL		0 13G	G11_049	'TO->FROM	BENTON - WICHITA 345KV CKT 1'	932	0.09279	102.5819	'HOYT - JEFFREY ENERGY CENTER 345KV CKT 1'
CONT-080	FDNS	03ALL		0 13G	G11_049	'TO->FROM	FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04562	170.7529	'HOYT - STRANGER CREEK 345KV CKT 1'
CONT-LaC	FDNS	09ALL		0 13G	G11_049	'TO->FROM	FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04555	107.9078	'LACYGNE - NEOSHO 345KV CKT 1'
NCONV	FNSL-Itera	03ALL		0 13G	G11_049		Non-Covered Contingency	0	0.18713	9999	'DBL-WICH-THI'
NCONV	FNSL-Blow	03ALL		0 13G	G11_049		Non-Covered Contingency	0	0.24031	9999	'DBL-TGA-MATT'
NCONV	FNSL-Blow	03ALL		0 13G	G11_049		Non-Covered Contingency	0	0.05393	9999	'DBL-SPRVL-MU'
NCONV	FNSL-Itera	03ALL		0 13G	G11_049		Non-Covered Contingency	0	0.05393	9999	'DBL-MUL-RENO'
NCONV	FNSL-Itera	00NR		0 18SP	G11_049		'G11_051T 345.00 - TATONGA7 345.00 345KV	1792	0.32527	33.38732	'BASE CASE'
NCONV	FNSL-Itera	00NR		0 18SP	G11_049		'LATHAMS7 345.00 - ROSE HILL 345KV CKT 1'	956	0.03985	19.56938	'BASE CASE'
SPP_FG-52	FDNS	01ALL		0 13G	G11_049	'FROM->TO	FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.05265	119.127	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
SPP_FG-52	FDNS	03ALL		0 13G	G11_049	'FROM->TO	FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.05156	116.5434	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM	FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	135.7253	'BASE CASE'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO	FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	110.4788	'BASE CASE'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM	FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04593	115.3152	'LYDIA - VALLIANT 345KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO	FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04593	101.551	'LYDIA - VALLIANT 345KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM	FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04659	115.2985	'DELAWARE - NORTHEAST STATION 345KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO	FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04659	101.5628	'DELAWARE - NORTHEAST STATION 345KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM	FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04543	113.5152	'CLINTON AIR FORCE BASE TAP - ELK CITY 138KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO	FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04543	100.5404	'CLINTON AIR FORCE BASE TAP - ELK CITY 138KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM	FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04543	113.7266	'CLINTON AIR FORCE BASE TAP - HOBART JUNCTION 138KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO	FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04543	100.6615	'CLINTON AIR FORCE BASE TAP - HOBART JUNCTION 138KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM	FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04518	114.2942	'CLINTON JUNCTION - ELK CITY 138KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO	FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04518	101.0038	'CLINTON JUNCTION - ELK CITY 138KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM	FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04381	101.95	'ELK CITY - RED HILLS WIND 138KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM	FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04873	127.6246	'ELK CITY 230KV - SWEETWATER 230KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO	FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04873	109.2781	'ELK CITY 230KV - SWEETWATER 230KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM	FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04873	120.8837	'STLN-DEMARC6 - SWEETWATER 230KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO	FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04873	104.8064	'STLN-DEMARC6 - SWEETWATER 230KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM	FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04355	114.527	'WAUKOMIS - WAUKOMIS TAP 138KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO	FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04355	101.7098	'WAUKOMIS - WAUKOMIS TAP 138KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM	FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04355	114.0723	'HENESSEY - WAUKOMIS 138KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO	FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04355	101.4318	'HENESSEY - WAUKOMIS 138KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM	FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04718	121.005	'MATTHEWSON 345.00 - WOODRING 345KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO	FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04718	104.8465	'MATTHEWSON 345.00 - WOODRING 345KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM	FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04511	113.9401	'KNOBHILL - SALINE 69KV CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04511	100.961	'KNOBHILL - SALINE 69KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04511	114.3113	'HELENA TAP - SALINE 69KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04511	101.1758	'HELENA TAP - SALINE 69KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04511	114.9817	'GOLTYTP2 69.000 - IMO 69KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04511	101.6704	'GOLTYTP2 69.000 - IMO 69KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04666	115.838	'NEWKIRK4 - PECKHAM TAP 138KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04666	101.9089	'NEWKIRK4 - PECKHAM TAP 138KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04355	113.6091	'DOVER SW - HENESSEY 138KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04355	101.0897	'DOVER SW - HENESSEY 138KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05265	133.8405	'WOODWARD - WOODWARD 69KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.05265	110.7357	'WOODWARD - WOODWARD 69KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04167	111.3404	'WOODWARD - WOODWARD EHV 138KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0556	137.0494	'DEWEY - IODINE 138KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0556	113.0093	'DEWEY - IODINE 138KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04375	104.4665	'DEWEY - SOUTHARD 138KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0476	135.5224	'DEWEY - TALOGA 138KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0476	112.8038	'DEWEY - TALOGA 138KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04624	115.2435	'ALVA - KNOBHILL 69KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04624	101.8122	'ALVA - KNOBHILL 69KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04465	106.4371	'KNOBHILL - MOORELAND 138KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0556	138.0683	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0556	113.5616	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04626	120.7132	'GRACEMONT - MINCO 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04626	104.8384	'GRACEMONT - MINCO 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04686	115.1174	'ROSE HILL - SOONER 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04686	101.4742	'ROSE HILL - SOONER 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04666	115.8367	'MIDLTNT4 138.00 - PECKHAM TAP 138KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04666	101.9094	'MIDLTNT4 138.00 - PECKHAM TAP 138KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04666	115.9396	'CRESWELL - MIDLTNT4 138.00 138KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04666	101.969	'CRESWELL - MIDLTNT4 138.00 138KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04375	106.5048	'EL RENO - ROMAN NOSE 138KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04375	105.7073	'ROMAN NOSE - SOUTHARD 138KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04723	120.7912	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04723	104.8895	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04511	114.8073	'GOLTYTP2 69.000 - HELENA TAP 69KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04511	101.5582	'GOLTYTP2 69.000 - HELENA TAP 69KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05163	129.6042	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.05163	110.1597	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05163	129.6042	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.05163	110.1597	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.07595	132.6569	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.07595	111.8472	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05162	138.894	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.05162	115.734	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
	FDNS	01ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05162	138.894	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.05162	115.734	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.07595	139.7757	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.07595	116.0666	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06305	131.3281	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.06305	111.0913	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04626	115.5345	'ALVA - CHEROKEE SW 69KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04626	101.9703	'ALVA - CHEROKEE SW 69KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04611	115.1817	'ARAPAHO - HAMON BUTLER 69KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04611	101.8679	'ARAPAHO - HAMON BUTLER 69KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04611	115.2004	'ARAPAHO - INDUSTRIAL PARK 69KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04611	101.8692	'ARAPAHO - INDUSTRIAL PARK 69KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04622	115.874	'BRANTLEY - DURHAM 138KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04622	102.1213	'BRANTLEY - DURHAM 138KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04622	115.7486	'BRANTLEY - MORWOOD 138KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04622	102.0544	'BRANTLEY - MORWOOD 138KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04611	115.3554	'CORDELL - INDUSTRIAL PARK 69KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04611	101.9539	'CORDELL - INDUSTRIAL PARK 69KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04246	105.3959	'DOVER SW - OKEENE 138KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04696	130.7789	'FT SUPPLY - IODINE 138KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04696	111.274	'FT SUPPLY - IODINE 138KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04611	115.173	'HAMON BUTLER - PUTNAM 69KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04611	101.8665	'HAMON BUTLER - PUTNAM 69KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04696	129.623	'IODINE - MOORELAND 138KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04696	110.4168	'IODINE - MOORELAND 138KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04826	120.359	'CARTER JCT - MOORELAND 69KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04826	104.426	'CARTER JCT - MOORELAND 69KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04622	115.7427	'MOREWOOD SW - MORWOOD 138KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04622	102.0528	'MOREWOOD SW - MORWOOD 138KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04381	105.5174	'MOREWOOD SW - RED HILLS WIND 138KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04577	115.3266	'OKEENE - WATONGA SW 69KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04577	101.6315	'OKEENE - WATONGA SW 69KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04611	115.0543	'PUTNAM - TALOGA 69KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04611	101.8104	'PUTNAM - TALOGA 69KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04826	120.9823	'CARTER JCT - WOODWARD 69KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04826	104.7897	'CARTER JCT - WOODWARD 69KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04873	126.014	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04873	107.88	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0477	125.0168	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0477	107.3625	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04873	120.921	'STATELINE INTERCHANGE - STLN-DEMARC6 230KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04873	104.821	'STATELINE INTERCHANGE - STLN-DEMARC6 230KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04704	120.4674	'G11-17T 345.00 - POST ROCK 345KV CKT 1'
	FDNS	01ALL		0 13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04704	104.6663	'G11-17T 345.00 - POST ROCK 345KV CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04729	120.8877	'MINGO - SETAB 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04729	104.9252	'MINGO - SETAB 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0474	120.6958	'MINGO - RED WILLOW 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0474	104.8079	'MINGO - RED WILLOW 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04808	123.6682	'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04808	106.6233	'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04884	122.442	'BEAVER CO 345.00 - BUCKNER7 345.00 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04884	105.8617	'BEAVER CO 345.00 - BUCKNER7 345.00 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0479	121.5295	'BENTON - WICHITA 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - WOODWARD 138KV CKT 1'	287	0.0479	105.2828	'BENTON - WICHITA 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03184	102.5811	'BENTON - WICHITA 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03184	100.4413	'BENTON - WICHITA 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04713	114.092	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04713	100.7408	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04886	125.3367	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04886	107.5823	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04886	125.3367	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04886	107.5823	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04873	127.6177	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04873	109.2738	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04538	123.3485	'WOODRING (WOODRNG2) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04538	106.777	'WOODRING (WOODRNG2) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05265	149.1841	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04465	107.1948	'KNOBHILL (KNOBHIL4) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04265	126.8435	'WOODWARD DISTRICT EHV (WWDEHV) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04265	108.3686	'WOODWARD DISTRICT EHV (WWDEHV) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04265	126.872	'WOODWARD DISTRICT EHV (WWDEHV-T2) 345/138/13.8KV TRANSFORMER CKT 2'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04265	108.3871	'WOODWARD DISTRICT EHV (WWDEHV-T2) 345/138/13.8KV TRANSFORMER CKT 2'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04826	120.3603	'MOORELAND (MOORELND) 138/69/13.8KV TRANSFORMER CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04826	104.4268	'MOORELAND (MOORELND) 138/69/13.8KV TRANSFORMER CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0468	122.2983	'POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0468	105.6949	'POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05555	145.6736	'DBL-WICH-THI'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.05555	119.6885	'DBL-WICH-THI'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06438	157.9422	'DBL-THIS-WWR'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.06438	125.5262	'DBL-THIS-WWR'
	FDNS	01ALL		0	13G	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04993	123.4772	'DBL-HTCH-BVR'
	FDNS	01ALL		0	13G	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04993	106.4267	'DBL-HTCH-BVR'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
FDNS	01ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05687	128.075	'DBL-BVR-WWRD'
FDNS	01ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.05687	109.2148	'DBL-BVR-WWRD'
FDNS	01ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04592	115.2952	'SPP-AEPW-01'
FDNS	01ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04592	101.5388	'SPP-AEPW-01'
FDNS	01ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04323	114.0672	'OGE3TERM1'
FDNS	01ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04323	101.5582	'OGE3TERM1'
FDNS	01ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04873	120.8919	'SPP-SWPS-02'
FDNS	01ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04873	104.811	'SPP-SWPS-02'
FDNS	01ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04873	125.5743	'SPP-SWPS-02A'
FDNS	01ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04873	108.0542	'SPP-SWPS-02A'
FDNS	01ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04877	126.7066	'SPP-SWPS-03'
FDNS	01ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04877	108.2812	'SPP-SWPS-03'
FDNS	01ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0468	120.1256	'SPP-SWPS-04'
FDNS	01ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0468	104.4104	'SPP-SWPS-04'
FDNS	01ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04659	120.1077	'WRTOD400'
FDNS	01ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04659	104.4428	'WRTOD400'
FDNS	01ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	104.4152	'GEN303006 1-1BC2 U1'
FDNS	01ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	120.6747	'GEN303007 1-1BC2 U2'
FDNS	01ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	104.8012	'GEN303007 1-1BC2 U2'
FDNS	01ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	120.6901	'GEN335206 1-NELSON UNIT 6'
FDNS	01ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	104.8089	'GEN335206 1-NELSON UNIT 6'
FDNS	01ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	124.4939	'GEN336153 1-WATERFORD UNIT#3'
FDNS	01ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	107.1239	'GEN336153 1-WATERFORD UNIT#3'
FDNS	01ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	125.0803	'GEN336821 1-GRAND GULF UNIT'
FDNS	01ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	107.4792	'GEN336821 1-GRAND GULF UNIT'
FDNS	01ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	121.8917	'GEN337652 1-WHITE BLUFF UNIT #1'
FDNS	01ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	105.5392	'GEN337652 1-WHITE BLUFF UNIT #1'
FDNS	01ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	122.0302	'GEN337653 1-WHITE BLUFF UNIT #2'
FDNS	01ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	105.6239	'GEN337653 1-WHITE BLUFF UNIT #2'
FDNS	01ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	122.649	'GEN337910 1-ARKANSAS NUCLEAR ONE UNIT #1'
FDNS	01ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	105.9959	'GEN337910 1-ARKANSAS NUCLEAR ONE UNIT #1'
FDNS	01ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	123.548	'GEN337911 1-ARKANSAS NUCLEAR ONE UNIT #2'
FDNS	01ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	106.5438	'GEN337911 1-ARKANSAS NUCLEAR ONE UNIT #2'
FDNS	01ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	121.4873	'GEN338143 1-INDEPENDENCE UNIT #1'
FDNS	01ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	105.2958	'GEN338143 1-INDEPENDENCE UNIT #1'
FDNS	01ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	121.5501	'GEN338146 1-INDEPENDENCE UNIT #2'
FDNS	01ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	105.3341	'GEN338146 1-INDEPENDENCE UNIT #2'
FDNS	01ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	120.6188	'GEN338388 1-1PLUM PT U1 23.000'
FDNS	01ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	104.7687	'GEN338388 1-1PLUM PT U1 23.000'
FDNS	01ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	121.9123	'GEN501801 1-DOLET HILLS UNIT1'
FDNS	01ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	105.5523	'GEN501801 1-DOLET HILLS UNIT1'
FDNS	01ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	120.5356	'GEN501812 1-RODEMACHER UNIT 2'
FDNS	01ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	104.715	'GEN501812 1-RODEMACHER UNIT 2'
FDNS	01ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	121.0932	'GEN501813 1-RODEMACHER UNIT 3'
FDNS	01ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	105.0547	'GEN501813 1-RODEMACHER UNIT 3'
FDNS	01ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	121.3394	'GEN509394 1-FLINT CREEK'
FDNS	01ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	105.1888	'GEN509394 1-FLINT CREEK'
FDNS	01ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	122.4393	'GEN509403 1-PIRKEY GENERATION'
FDNS	01ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	105.8767	'GEN509403 1-PIRKEY GENERATION'
FDNS	01ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	121.2965	'GEN509404 1-WELSH #1'
FDNS	01ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	105.1803	'GEN509404 1-WELSH #1'
FDNS	01ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	121.5961	'GEN509405 1-WELSH #2'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
FDNS	01ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	105.3602	'GEN509405 1-WELSH #2'
FDNS	01ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	121.5963	'GEN509406 1-WELSH #3'
FDNS	01ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	105.3604	'GEN509406 1-WELSH #3'
FDNS	01ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	122.3	'GEN509416 1-TURK GENERATION'
FDNS	01ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	105.7925	'GEN509416 1-TURK GENERATION'
FDNS	01ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	121.1623	'GEN511840 1-NORTHEASTERN STATION #3'
FDNS	01ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	105.0823	'GEN511840 1-NORTHEASTERN STATION #3'
FDNS	01ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	121.0949	'GEN511841 1-NORTHEASTERN STATION #4'
FDNS	01ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	105.0416	'GEN511841 1-NORTHEASTERN STATION #4'
FDNS	01ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	120.4378	'GEN512688 2-GRDA1 GSU2 22'
FDNS	01ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	104.645	'GEN512688 2-GRDA1 GSU2 22'
FDNS	01ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	120.7323	'GEN512689 1-GRDA1 GSU1 22'
FDNS	01ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	104.8228	'GEN512689 1-GRDA1 GSU1 22'
FDNS	01ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	125.3778	'GEN514805 1-SOONER UNIT 1'
FDNS	01ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	107.646	'GEN514805 1-SOONER UNIT 1'
FDNS	01ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	123.0297	'GEN514806 1-SOONER UNIT 2'
FDNS	01ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	106.2816	'GEN514806 1-SOONER UNIT 2'
FDNS	01ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	120.1159	'GEN515040 1-SEMINOLE 1G'
FDNS	01ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	104.4394	'GEN515040 1-SEMINOLE 1G'
FDNS	01ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	120.1563	'GEN515042 1-SEMINOLE 3G'
FDNS	01ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	104.4708	'GEN515042 1-SEMINOLE 3G'
FDNS	01ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	121.4059	'GEN515223 1-MUSKOGEE 4G'
FDNS	01ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	105.226	'GEN515223 1-MUSKOGEE 4G'
FDNS	01ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	121.4071	'GEN515225 1-MUSKOGEE 5G'
FDNS	01ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	105.2267	'GEN515225 1-MUSKOGEE 5G'
FDNS	01ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	121.7902	'GEN515226 1-MUSKOGEE 6G'
FDNS	01ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	105.4578	'GEN515226 1-MUSKOGEE 6G'
FDNS	01ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	107.9767	'GEN515365 1-CENT 21 34.500'
FDNS	01ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - WOODWARD 138KV CKT 1'	287	0.04647	128.8719	'GEN515389 1-TLGAWND1 34.500'
FDNS	01ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - MOORELAND 138KV CKT 1'	153	0.04647	109.1831	'GEN515389 1-TLGAWND1 34.500'
FDNS	01ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	108.5993	'GEN515393 1-OGEWND2G'
FDNS	01ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	111.588	'GEN515397 1-OUSPR1 34.500'
FDNS	01ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - WOODWARD 138KV CKT 1'	287	0.04647	148.4879	'GEN515787 1-OKLA WIND ENERGY CENTER'
FDNS	01ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	140.108	'GEN520922 1-SLEEPING BEAR'
FDNS	01ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	115.3429	'GEN520922 1-SLEEPING BEAR'
FDNS	01ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	121.7004	'GEN520947 1-HUGO1'
FDNS	01ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	105.4305	'GEN520947 1-HUGO1'
FDNS	01ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	121.6678	'GEN521120 1-BUFBEAR2'
FDNS	01ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	105.1928	'GEN521120 1-BUFBEAR2'
FDNS	01ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	114.8995	'GEN525561 1-TOLK GEN #1 24 KV'
FDNS	01ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	101.2439	'GEN525561 1-TOLK GEN #1 24 KV'
FDNS	01ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	114.8418	'GEN525562 1-TOLK GEN #2 24 KV'
FDNS	01ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	101.2089	'GEN525562 1-TOLK GEN #2 24 KV'
FDNS	01ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	113.6948	'GEN531447 1-HOLCOMB GENERATOR'
FDNS	01ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	100.5744	'GEN531447 1-HOLCOMB GENERATOR'
FDNS	01ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	115.5449	'GEN560175 1-G07-44 0.5750'
FDNS	01ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	101.6557	'GEN560175 1-G07-44 0.5750'
FDNS	01ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	111.9511	'GEN560221 1-G07-62-1 0.6900'
FDNS	01ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - WOODWARD 138KV CKT 1'	287	0.04647	111.9511	'GEN560222 1-G07-62-2 0.6900'
FDNS	01ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	112.0608	'GEN560223 1-G07-62-3 0.6900'
FDNS	01ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - WOODWARD 138KV CKT 1'	287	0.04647	112.0608	'GEN560224 1-G07-62-4 0.6900'
FDNS	01ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	115.3032	'GEN560282 1-G08-19 0.6000'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
	FDNS	01ALL	0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	101.4874	'GEN560282 1-G08-19 0.6000'
	FDNS	01ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	102.5678	'GEN560429 1-G08-29 0.6400'
	FDNS	01ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	115.4693	'GEN562010 1-G11_024_3 0.6900'
	FDNS	01ALL	0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	101.6035	'GEN562010 1-G11_024_3 0.6900'
	FDNS	01ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	108.6853	'GEN562023 1-G11_020_3 0.6900'
	FDNS	01ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	108.6853	'GEN562026 1-G11_019_3 0.6900'
	FDNS	01ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	115.1222	'GEN659118 1-LARAMIE RIVER UNIT1'
	FDNS	01ALL	0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	101.4492	'GEN659118 1-LARAMIE RIVER UNIT1'
	FNSL	01ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04647	122.9405	'GEN335831 1-RIVERBEND UNIT#1'
	FNSL	01ALL	0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04647	106.1839	'GEN335831 1-RIVERBEND UNIT#1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	193.3255	'BASE CASE'
	FDNS	03ALL	0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04551	102.2692	'BASE CASE'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'BENTON - WICHITA 345KV CKT 1'	932	0.09031	100.6258	'BASE CASE'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04452	162.161	'CLINTON AIR FORCE BASE TAP - ELK CITY 138KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04452	162.3864	'CLINTON AIR FORCE BASE TAP - HOBART JUNCTION 138KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0513	172.3879	'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04428	162.3879	'CLINTON JUNCTION - ELK CITY 138KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04289	157.2714	'ELK CITY - RED HILLS WIND 138KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04758	188.3146	'ELK CITY 230KV - SWEETWATER 230KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04758	106.6982	'ELK CITY 230KV - SWEETWATER 230KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04758	180.1663	'STLN-DEMARC6 - SWEETWATER 230KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04758	102.0345	'STLN-DEMARC6 - SWEETWATER 230KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04514	165.4265	'MARSHALL - WOODRING 138KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04599	180.7742	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04599	102.4645	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'BENTON - WICHITA 345KV CKT 1'	932	0.0946	110.6803	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0463	163.9155	'MATTHEWSON 345.00 - WOODRING 345KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04417	165.5816	'KNOBHILL - SALINE 69KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04417	165.9615	'HELENA TAP - SALINE 69KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04514	165.4745	'COTTONWOOD CREEK - MARSHALL 138KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03876	149.9119	'CLEO CORNER - GLASS MOUNTAIN 138KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03734	153.1593	'CLEO CORNER - MEN TAP 138KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05156	192.7274	'WOODWARD - WOODWARD 69KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.05156	108.3529	'WOODWARD - WOODWARD 69KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'WOODWARD - WOODWARD EHV 138KV CKT 2'	287	0.0498	103.9659	'WOODWARD - WOODWARD EHV 138KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04081	150.982	'WOODWARD - WOODWARD EHV 138KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.05435	112.8564	'WOODWARD - WOODWARD EHV 138KV CKT 2'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04449	164.3671	'WOODWARD - WOODWARD EHV 138KV CKT 2'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0544	202.305	'DEWEY - IODINE 138KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0544	113.716	'DEWEY - IODINE 138KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04287	157.5486	'DEWEY - SOUTHARD 138KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04667	176.972	'DEWEY - TALOGA 138KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04667	100.2417	'DEWEY - TALOGA 138KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03876	148.8558	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03734	154.1025	'IMO TAP - MEN TAP 138KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04528	165.375	'ALVA - KNOBHILL 69KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04372	158.5477	'KNOBHILL - MOORELAND 138KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0544	203.2911	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0544	114.25	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04579	171.4698	'ROSE HILL - SOONER 345KV CKT 1'
	FDNS	03ALL	0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04287	159.3209	'EL RENO - ROMAN NOSE 138KV CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME	
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04287	158.6248	'ROMAN NOSE - SOUTHARD 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04623	170.3164	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05072	164.3969	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05072	164.3969	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.06273	116.5325	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.07418	248.213	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'ROMAN NOSE - SOUTHARD 138KV CKT 1'	153	0.03184	103.4933	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.07418	139.6467	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.13211	114.4777	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04737	162.179	'BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04737	162.179	'BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05051	185.2798	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.05051	105.0083	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05051	185.2798	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	03ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.05051	105.0083	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.06273	117.2646	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.07418	249.8176	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'ROMAN NOSE - SOUTHARD 138KV CKT 1'	153	0.03184	104.2895	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.07418	140.5405	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.13211	114.9009	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06212	181.0436	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.06212	102.6136	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04599	179.5599	'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04599	101.7585	'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.0946	108.4213	'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0453	166.0278	'ALVA - CHEROKEE SW 69KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04515	165.8963	'ARAPAHO - HAMON BUTLER 69KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04515	165.8987	'ARAPAHO - INDUSTRIAL PARK 69KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04497	165.9218	'CALUMET - WATONGA SW 69KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04025	149.2049	'CEDARDALE - MOORELAND 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	170.7527	'GEN303007 1-1BC2 U2'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	170.8251	'GEN335206 1-NELSON UNIT 6'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	173.061	'GEN335831 1-RIVERBEND UNIT#1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	174.6067	'GEN336153 1-WATERFORD UNIT#3'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	175.1764	'GEN336821 1-GRAND GULF UNIT'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	172.0009	'GEN337652 1-WHITE BLUFF UNIT #1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	172.1442	'GEN337653 1-WHITE BLUFF UNIT #2'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	172.8708	'GEN337910 1-ARKANSAS NUCLEAR ONE UNIT #1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	171.4843	'GEN338143 1-INDEPENDENCE UNIT #1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME	
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	171.5507	'GEN338146 1-INDEPENDENCE UNIT #2'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	170.5661	'GEN338388 1-1PLUM PT U1 23.000'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	172.2286	'GEN501801 1-DOLET HILLS UNIT1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	170.6663	'GEN501812 1-RODEMACHER UNIT 2'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	171.2412	'GEN501813 1-RODEMACHER UNIT 3'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	171.6614	'GEN509394 1-FLINT CREEK'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	172.8662	'GEN509403 1-PIRKEY GENERATION'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	171.9592	'GEN509404 1-WELSH #1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	171.9593	'GEN509405 1-WELSH #2'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	171.9596	'GEN509406 1-WELSH #3'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	172.759	'GEN509416 1-TURK GENERATION'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	171.5154	'GEN511840 1-NORTHEASTERN STATION #3'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	171.4428	'GEN511841 1-NORTHEASTERN STATION #4'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	170.7071	'GEN512688 2-GRDA1 GSU2 22'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	171.0346	'GEN512689 1-GRDA1 GSU1 22'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	176.4892	'GEN514805 1-SOONER UNIT 1'
	FDNS	03ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04551	100.1336	'GEN514805 1-SOONER UNIT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	174.0636	'GEN514806 1-SOONER UNIT 2'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	171.7988	'GEN515223 1-MUSKOGEE 4G'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	171.8003	'GEN515225 1-MUSKOGEE 5G'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	172.2181	'GEN515226 1-MUSKOGEE 6G'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	165.8935	'GEN515365 1-CENT 21 34.500'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	166.0316	'GEN515393 1-OGEWIND2G'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	173.824	'GEN515787 1-OKLA WIND ENERGY CENTER'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	172.499	'GEN520922 1-SLEEPING BEAR'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	172.198	'GEN520947 1-HUGO1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	163.6339	'GEN525561 1-TOLK GEN #1 24 KV'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	163.1677	'GEN525562 1-TOLK GEN #2 24 KV'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	161.4267	'GEN531447 1-HOLCOMB GENERATOR'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.09031	124.5085	'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	164.2518	'GEN560209 1-G07-40 0.5750'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	164.8778	'GEN560238 1-G10-09 0.6900'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	160.611	'GEN560279 1-G08-18 0.6900'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	164.2353	'GEN560329 1-G10-45 0.6900'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	164.6849	'GEN560429 1-G08-29 0.6400'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	164.4585	'GEN560432 1-G08-124 0.6900'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	163.9555	'GEN560522 1-G05-12 0.6900'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	164.634	'GEN560549 1-G06-06 0.6900'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	164.7925	'GEN560659 1-G07-38 0.6900'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	164.6219	'GEN560693 1-G11-008-1 0.6900'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	162.6404	'GEN562014 1-G11_023_3 0.6900'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	166.0181	'GEN562023 1-G11_020_3 0.6900'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	166.0181	'GEN562026 1-G11_019_3 0.6900'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	163.4663	'GEN562032 1-G11_017_3 0.6900'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	164.7326	'GEN562035 1-G11_016_3 0.6900'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	165.516	'GEN562062 1-G11_043_3 0.6900'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	165.516	'GEN562065 1-G11_044_3 0.6900'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	163.8341	'GEN659118 1-LARAMIE RIVER UNIT1'
	FNSL	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04551	173.8117	'GEN337911 1-ARKANSAS NUCLEAR ONE UNIT #2'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04025	149.9637	'CEDARDALE - OKEENE 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04515	166.0499	'CORDELL - INDUSTRIAL PARK 69KV CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04156	159.6143	'DOVER SW - OKEENE 138KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0467	171.4312	'FARGO JCT - FT SUPPLY 69KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04515	165.8898	'HAMON BUTLER - PUTNAM 69KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04726	171.4043	'CARTER JCT - MOORELAND 69KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04452	163.7194	'MOORELAND - TALOGA 138KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03993	146.298	'MOORELAND - NINE MILE 138KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04289	161.2226	'MOREWOOD SW - RED HILLS WIND 138KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03993	146.7759	'MOREWOOD SW - NINE MILE 138KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04483	165.5825	'OKEENE - WATONGA SW 69KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04515	165.7652	'PUTNAM - TALOGA 69KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0467	172.3965	'FARGO JCT - WOODWARD 69KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04726	172.0547	'CARTER JCT - WOODWARD 69KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04615	166.0184	'FINNEY SWITCHING STATION - Hitchland Interchange 345KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04584	172.6494	'Hitchland Interchange - POTTER COUNTY INTERCHANGE 345KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04758	185.8816	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04758	105.1975	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04664	180.9737	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04664	102.5462	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04758	180.1906	'STATELINE INTERCHANGE - STLN-DEMARC6 230KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04758	102.0452	'STATELINE INTERCHANGE - STLN-DEMARC6 230KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04608	177.6003	'G11-17T 345.00 - POST ROCK 345KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04608	100.6744	'G11-17T 345.00 - POST ROCK 345KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04607	174.5447	'AXTELL - POST ROCK 345KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04616	171.3509	'HOLCOMB - SETAB 345KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04631	174.3736	'MINGO - SETAB 345KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04642	175.592	'MINGO - RED WILLOW 345KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0457	172.123	'MULGREN7 345.00 - SPEARVILLE 345KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0457	172.123	'MULGREN7 345.00 - SPEARVILLE 345KV CKT 2'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04795	159.8511	'BEAVER CO 345.00 - BUCKNER7 345.00 345KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04546	173.2444	'RENO COUNTY - WICHITA 345KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04572	172.9522	'MULGREN7 345.00 - RENO COUNTY 345KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04572	172.9522	'MULGREN7 345.00 - RENO COUNTY 345KV CKT 2'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.09589	101.8618	'SWISSVALE - WEST GARDNER 345KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0462	172.4919	'BENTON - ROSE HILL 345KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04689	177.1823	'BENTON - WICHITA 345KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04689	100.5166	'BENTON - WICHITA 345KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'CHISHOLM - MAIZEE 4 138.00 138KV CKT 1'	382	0.0322	106.5691	'BENTON - WICHITA 345KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'FROM->TO'	'EVANS ENERGY CENTER NORTH - MAIZEW 4 13	382	0.0322	109.2581	'BENTON - WICHITA 345KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03088	129.3026	'BENTON - WICHITA 345KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03088	126.7959	'BENTON - WICHITA 345KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04599	177.116	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04599	100.3679	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.0946	104.0136	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
FDNS	03ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04786	181.8893	'THISTLE7 345.00 - WICHITA 345KV CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME	
	FDNS	03ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04786	103.0587	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04786	181.8893	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04786	103.0587	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'BENTON - WICHITA 345KV CKT 1'	932	0.09525	100.9199	'CHISHOLM - MAIZEE 4 138.00 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'BENTON - WICHITA 345KV CKT 1'	932	0.09525	101.4302	'EVANS ENERGY CENTER NORTH - MAIZEW 4 138.00 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'BENTON - WICHITA 345KV CKT 1'	932	0.09525	101.426	'MAIZE - MAIZEW 4 138.00 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'BENTON - WICHITA 345KV CKT 1'	932	0.09525	100.9229	'MAIZE - MAIZEE 4 138.00 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0456	168.1826	'CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0456	168.1826	'CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 2'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04758	188.325	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04758	106.7038	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0444	178.5692	'WOODRING (WOODRNG2) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0444	101.3148	'WOODRING (WOODRNG2) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05156	207.8974	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04372	159.0964	'KNOBHILL (KNOBHIL4) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04177	157.7446	'WOODWARD DISTRICT EHV (WWDEHV) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04177	157.8153	'WOODWARD DISTRICT EHV (WWDEHV-T2) 345/138/13.8KV TRANSFORMER CKT 2'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04726	171.4063	'MOORELAND (MOORELND) 138/69/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04584	175.4734	'POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'BENTON - WICHITA 345KV CKT 1'	932	0.09275	100.4193	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'BENTON - WICHITA 345KV CKT 1'	932	0.09335	102.8293	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06362	154.2434	'DBL-THIS-WWR'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'BENTON - WICHITA 345KV CKT 1'	932	0.0414	100.357	'DBL-THIS-WWR'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04587	165.5339	'DBL-SPRVL-CL'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04908	163.4927	'DBL-HTCH-BVR'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0513	174.7427	'SPP-AEPW-32'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05178	172.8071	'SPP-SWPS-01'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04758	180.1718	'SPP-SWPS-02'
	FDNS	03ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04758	102.0377	'SPP-SWPS-02'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04758	185.7753	'SPP-SWPS-02A'
	FDNS	03ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04758	105.3014	'SPP-SWPS-02A'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04762	186.8911	'SPP-SWPS-03'
	FDNS	03ALL		0	13G	G11_049	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04762	105.757	'SPP-SWPS-03'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04584	172.8759	'SPP-SWPS-04'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04615	166.2195	'SPP-SWPS-05'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'BENTON - WICHITA 345KV CKT 1'	932	0.09525	100.9225	'SPP-WERE-90'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'BENTON - WICHITA 345KV CKT 1'	932	0.09525	101.4301	'SPP-WERE-91'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04562	171.9754	'WRTOD400'
	FDNS	03ALL		0	13G	G11_049	'TO->FROM	'BENTON - WICHITA 345KV CKT 1'	932	0.09297	103.1539	'WRTOD400'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0466	110.6256	'BASE CASE'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05268	101.5479	'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04906	115.0773	'ELK CITY 230KV - SWEETWATER 230KV CKT 1'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04906	106.7516	'STLN-DEMARC6 - SWEETWATER 230KV CKT 1'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04707	100.4585	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05278	110.6789	'WOODWARD - WOODWARD 69KV CKT 1'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05567	115.8409	'DEWEY - IODINE 138KV CKT 1'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0478	101.4682	'DEWEY - TALOGA 138KV CKT 1'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05567	116.8364	'IODINE - WOODWARD EHV 138KV CKT 1'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.07582	128.6475	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0517	105.627	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0517	105.627	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.07582	130.0404	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04906	112.3327	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04794	108.1162	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04906	106.7673	'STATELINE INTERCHANGE - STLN-DEMARC6 230KV CKT 1'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04904	100.6414	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04904	100.6414	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04906	115.0714	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04545	105.7725	'WOODRING (WOODRNG2) 345/138/13.8KV TRANSFORMER CKT 1'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05278	123.0854	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05588	112.6499	'DBL-WICH-THI'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06497	106.2359	'DBL-THIS-WWR'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05268	103.9393	'SPP-AEPW-32'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05314	101.556	'SPP-SWPS-01'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04906	106.7524	'SPP-SWPS-02'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04906	112.7246	'SPP-SWPS-02A'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0491	113.1818	'SPP-SWPS-03'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0466	101.0023	'GEN335831 1-RIVERBEND UNIT#1'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0466	102.3833	'GEN336153 1-WATERFORD UNIT#3'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0466	102.9727	'GEN336821 1-GRAND GULF UNIT'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0466	100.158	'GEN337653 1-WHITE BLUFF UNIT #2'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0466	100.8244	'GEN337910 1-ARKANSAS NUCLEAR ONE UNIT #1'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0466	100.1686	'GEN501801 1-DOLET HILLS UNIT1'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0466	100.7687	'GEN509403 1-PIRKEY GENERATION'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0466	100.686	'GEN509416 1-TURK GENERATION'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0466	104.4739	'GEN514805 1-SOONER UNIT 1'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0466	101.7923	'GEN514806 1-SOONER UNIT 2'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0466	100.1867	'GEN515226 1-MUSKOGEE 6G'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0466	101.8241	'GEN515787 1-OKLA WIND ENERGY CENTER'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0466	100.5958	'GEN520922 1-SLEEPING BEAR'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0466	100.153	'GEN520947 1-HUGO1'
FDNS	06ALL		0	13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0466	100.0803	'GEN520997 1-MORLND2'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME	
	FNSL	06ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0466	101.6999	'GEN337911 1-ARKANSAS NUCLEAR ONE UNIT #2'
	FDNS	08ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04575	106.8821	'BASE CASE'
	FDNS	08ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04797	106.4493	'ELK CITY 230KV - SWEETWATER 230KV CKT 1'
	FDNS	08ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04621	106.6664	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
	FDNS	08ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05183	106.8221	'WOODWARD - WOODWARD 69KV CKT 1'
	FDNS	08ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0547	111.4468	'DEWEY - IODINE 138KV CKT 1'
	FDNS	08ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0547	112.4343	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	08ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.07467	119.7562	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	08ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0508	101.2649	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	08ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0508	101.2649	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	08ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.07467	121.189	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	08ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06234	100.6894	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
	FDNS	08ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04797	103.9681	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1'
	FDNS	08ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04696	101.9983	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'
	FDNS	08ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04797	106.4429	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
	FDNS	08ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0446	104.7587	'WOODRING (WOODRNG2) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	08ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05183	118.7202	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	08ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05492	102.3636	'DBL-WICH-THI'
	FDNS	08ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04797	104.3288	'SPP-SWPS-02A'
	FDNS	08ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.048	104.6877	'SPP-SWPS-03'
	FDNS	08ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04575	100.4421	'GEN336153 1-WATERFORD UNIT#3'
	FDNS	08ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04575	101.1995	'GEN336821 1-GRAND GULF UNIT'
	FDNS	08ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04575	101.5867	'GEN514805 1-SOONER UNIT 1'
	FDNS	09ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04559	121.3963	'BASE CASE'
	FDNS	09ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04457	101.5397	'CLINTON AIR FORCE BASE TAP - ELK CITY 138KV CKT 1'
	FDNS	09ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04457	101.7685	'CLINTON AIR FORCE BASE TAP - HOBART JUNCTION 138KV CKT 1'
	FDNS	09ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04433	101.9025	'CLINTON JUNCTION - ELK CITY 138KV CKT 1'
	FDNS	09ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0478	120.1036	'ELK CITY 230KV - SWEETWATER 230KV CKT 1'
	FDNS	09ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0478	112.233	'STLN-DEMARC6 - SWEETWATER 230KV CKT 1'
	FDNS	09ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04268	109.0776	'WAUKOMIS - WAUKOMIS TAP 138KV CKT 1'
	FDNS	09ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04268	108.5797	'HENESSEY - WAUKOMIS 138KV CKT 1'
	FDNS	09ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04603	112.1338	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04639	102.1416	'MATTHEWSON 345.00 - WOODRING 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04268	108.0087	'DOVER SW - HENESSEY 138KV CKT 1'
	FDNS	09ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05165	120.9677	'WOODWARD - WOODWARD 69KV CKT 1'
	FDNS	09ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04457	103.2143	'WOODWARD - WOODWARD EHV 138KV CKT 2'
	FDNS	09ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05451	126.3252	'DEWEY - IODINE 138KV CKT 1'
	FDNS	09ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04673	111.5634	'DEWEY - TALOGA 138KV CKT 1'
	FDNS	09ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03738	100.2527	'IMO TAP - MEN TAP 138KV CKT 1'
	FDNS	09ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04536	103.3705	'ALVA - KNOBHILL 69KV CKT 1'
	FDNS	09ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05451	127.3021	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	09ALL		0	13G	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04293	100.2565	'EL RENO - ROMAN NOSE 138KV CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.07439	138.9299	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04743	102.1122	'BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04743	102.1122	'BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05062	115.041	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05062	115.041	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.07439	140.3882	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06216	113.7257	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04603	110.7756	'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04163	100.8637	'DOVER SW - OKEENE 138KV CKT 1'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04549	107.6603	'FAIRVIEW - OKEENE 69KV CKT 1'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04458	102.7515	'MOORELAND - TALOGA 138KV CKT 1'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04301	102.435	'MOREWOOD SW - RED HILLS WIND 138KV CKT 1'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04678	107.8814	'FARGO JCT - WOODWARD 69KV CKT 1'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0478	117.5808	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04679	115.1748	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0478	112.2632	'STATELINE INTERCHANGE - STLN-DEMARC6 230KV CKT 1'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04662	103.0915	'MINGO - RED WILLOW 345KV CKT 1'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04724	107.7056	'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04804	103.2828	'BEAVER CO 345.00 - BUCKNER7 345.00 345KV CKT 1'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04699	107.9698	'BENTON - WICHITA 345KV CKT 1'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04603	107.8478	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04799	109.3204	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04799	109.3204	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0478	120.095	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04444	115.93	'WOODRING (WOODRNG2) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05165	133.0766	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04184	100	'WOODWARD DISTRICT EHV (WWDEHV) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04185	100	'WOODWARD DISTRICT EHV (WWDEHV-T2) 345/138/13.8KV TRANSFORMER CKT 2'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04587	108.9576	'POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05472	119.8002	'DBL-WICH-THI'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04594	103.6005	'DBL-THIS-CLR'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04903	100.4747	'DBL-HTCH-BVR'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05143	108.223	'SPP-AEPW-32'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04237	109.4051	'OGE3TERM1'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0478	112.2373	'SPP-SWPS-02'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0478	117.9793	'SPP-SWPS-02A'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04784	118.3284	'SPP-SWPS-03'
	FDNS	09ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04559	107.7183	'GEN301380 1-10SAGEWIND 34.500'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTRNAME
	FDNS	14ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04853	100	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1'
	FDNS	14ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04853	102.6395	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
	FDNS	14ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05242	113.345	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	14ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05543	103.0052	'DBL-WICH-THI'
	FDNS	14ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04853	100.431	'SPP-SWPS-02A'
	FDNS	14ALL		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04856	100.7477	'SPP-SWPS-03'
	FDNS	07G11_049		0 13G	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.07532	113.0346	'DBL-TGA-MATT'
	FDNS	00NR		0 23SP	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05308	108.466	'GEN520997 1-MORLND2'
	FDNS	00NR		0 23SP	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05308	110.7122	'GEN520998 1-MORLND3'
	FDNS	00NR		0 23SP	G11_049	'TO->FROM'	'CHISHOLM - MAIZEE 4 138.00 138KV CKT 1'	382	0.03737	107.2417	'BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		0 23SP	G11_049	'FROM->TO'	'EVANS ENERGY CENTER NORTH - MAIZEW 4 138.00 138KV CKT 1'	382	0.03737	112.1449	'BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		0 23SP	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05984	106.2279	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	00NR		0 13SP	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.07261	107.9911	'DEWEY - IODINE 138KV CKT 1'
	FDNS	00NR		0 13SP	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.07261	108.7696	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	00NR		0 13SP	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.10012	130.2312	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	00NR		0 13SP	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.10012	137.4065	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	00NR		0 13SP	G11_049	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.04133	104.1448	'BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		0 13SP	G11_049	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.04133	101.0005	'BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		0 13SP	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.06876	111.6758	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	00NR		0 13SP	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.07084	110.6679	'DBL-WICH-THI'
	FDNS	00NR		0 13SP	G11_049	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.03403	180.7724	'DBL-WICH-THI'
	FDNS	00NR		0 13SP	G11_049	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.03403	216.6553	'DBL-WICH-THI'
	FDNS	00NR		0 13SP	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.10012	166.0696	'DBL-TGA-MATT'
	FDNS	00NR		0 13SP	G11_049	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.03574	111.1849	'DBL-TGA-MATT'
	FDNS	00NR		0 13SP	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.10012	110.5437	'DBL-TGA-MATT'
	FDNS	00NR		0 13SP	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.061	111.4696	'GEN520997 1-MORLND2'
	FDNS	00NR		0 13SP	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.061	113.309	'GEN520998 1-MORLND3'
	FDNS	00NR		0 13WP	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.06481	100.2622	'ELK CITY 230KV - SWEETWATER 230KV CKT 1'
	FDNS	00NR		0 13WP	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.07051	108.8693	'DEWEY - IODINE 138KV CKT 1'
	FDNS	00NR		0 13WP	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.07051	109.7074	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	00NR		0 13WP	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.09787	133.964	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	00NR		0 13WP	G11_049	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.03756	104.0388	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	00NR		0 13WP	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.09787	141.3025	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	00NR		0 13WP	G11_049	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.03756	107.2699	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	00NR		0 13WP	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.06481	102.0923	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1'
	FDNS	00NR		0 13WP	G11_049	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.04252	102.2562	'BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		0 13WP	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.06481	100.2484	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
	FDNS	00NR		0 13WP	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.06653	112.2312	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	00NR		0 13WP	G11_049	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.06874	111.9637	'DBL-WICH-THI'
	FDNS	00NR		0 13WP	G11_049	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.03476	185.8668	'DBL-WICH-THI'
	FDNS	00NR		0 13WP	G11_049	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.03476	222.2421	'DBL-WICH-THI'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
	FDNS	00NR		0	13WP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.07685	101.222	'DBL-THIS-WWR'
	FDNS	00NR		0	13WP	G11_049	'TO->FROM'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0824	100	'DBL-TGA-MATT'
	FDNS	00NR		0	13WP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.09787	167.4533	'DBL-TGA-MATT'
	FDNS	00NR		0	13WP	G11_049	'TO->FROM'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.03756	120.4184	'DBL-TGA-MATT'
	FDNS	00NR		0	13WP	G11_049	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.09787	111.5499	'DBL-TGA-MATT'
	FDNS	00NR		0	13WP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.0649	102.8982	'SPP-SWPS-03'
	FDNS	00NR		0	13WP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.05894	111.8335	'GEN520997 1-MORLND2'
	FDNS	00NR		0	13WP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.05894	113.6875	'GEN520998 1-MORLND3'
	FDNS	00NR		0	18SP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06188	107.7841	'BASE CASE'
	FDNS	00NR		0	18SP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06979	108.8103	'WOODWARD - WOODWARD 69KV CKT 1'
	FDNS	00NR		0	18SP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.07408	118.9437	'DEWEY - IODINE 138KV CKT 1'
	FDNS	00NR		0	18SP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.07408	120.1937	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	00NR		0	18SP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.1022	131.5085	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	00NR		0	18SP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06902	107.2604	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	00NR		0	18SP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06902	107.2604	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	00NR		0	18SP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.07673	104.5898	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
	FDNS	00NR		0	18SP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06459	100.4892	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'
	FDNS	00NR		0	18SP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06188	101.1567	'GEN514805 1-SOONER UNIT 1'
	FDNS	00NR		0	18SP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06188	126.8882	'GEN520997 1-MORLND2'
	FDNS	00NR		0	18SP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06188	129.1042	'GEN520998 1-MORLND3'
	FDNS	00NR		0	18SP	G11_049	'TO->FROM'CHISHOLM - MAIZEE 4 138.00 138KV CKT 1'	382	0.04257	105.7478	'BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		0	18SP	G11_049	'FROM->TO'EVANS ENERGY CENTER NORTH - MAIZEW 4 13	382	0.04257	110.1056	'BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		0	18SP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0644	100.738	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	00NR		0	18SP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0644	100.738	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	00NR		0	18SP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06355	101.0833	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
	FDNS	00NR		0	18SP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06187	104.2686	'WOODRING (WOODRNG2) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	00NR		0	18SP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06979	129.418	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	00NR		0	18SP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.07133	120.142	'DBL-WICH-THI'
	FDNS	00NR		0	18SP	G11_049	'TO->FROM'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.03256	149.211	'DBL-WICH-THI'
	FDNS	00NR		0	18SP	G11_049	'FROM->TO'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.03256	183.8196	'DBL-WICH-THI'
	FDNS	00NR		0	18SP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.07912	108.7483	'DBL-THIS-WWR'
	FDNS	00NR		0	18SP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.1022	172.3436	'DBL-TGA-MATT'
	FDNS	00NR		0	18SP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06299	101.8499	'DBL-SPRVL-MU'
	FDNS	00NR		0	18SP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06299	101.9039	'DBL-MUL-RENO'
	FDNS	00NR		0	18SP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06534	100.4403	'SPP-SWPS-03'
	FDNS	00NR		0	18WP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.0726	105.8343	'DEWEY - IODINE 138KV CKT 1'
	FDNS	00NR		0	18WP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.0726	106.6114	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	00NR		0	18WP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.10011	127.6794	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	00NR		0	18WP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.10011	134.3694	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	00NR		0	18WP	G11_049	'FROM->TO'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.04135	102.8545	'BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		0	18WP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.06876	109.5838	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	00NR		0	18WP	G11_049	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.07084	108.5254	'DBL-WICH-THI'
	FDNS	00NR		0	18WP	G11_049	'TO->FROM'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.03403	180.087	'DBL-WICH-THI'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME	
	FDNS	00NR		0	18WP	G11_049	'FROM->T	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.03403	215.8625	'DBL-WICH-THI'
	FDNS	00NR		0	18WP	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.10011	163.7662	'DBL-TGA-MATT'
	FDNS	00NR		0	18WP	G11_049	'TO->FROM	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.03574	111.1396	'DBL-TGA-MATT'
	FDNS	00NR		0	18WP	G11_049	'FROM->T	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.10011	109.0178	'DBL-TGA-MATT'
	FDNS	00NR		0	18WP	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.061	109.7174	'GEN520997 1-MORLND2'
	FDNS	00NR		0	18WP	G11_049	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.061	111.5463	'GEN520998 1-MORLND3'
NCONV	FNSL-Itera	07ALL		0	13G	G11_050		Non-Coverged Contingency	441	0.03776	52.40893	'STLN-DEMARC6 - SWEETWATER 230KV CKT 1'
NCONV	FNSL-Itera	07ALL		0	13G	G11_050		Non-Coverged Contingency	395	0.03776	59.58812	'STATELINE INTERCHANGE - STLN-DEMARC6 230KV CKT 1'
NCONV	FNSL-Itera	07ALL		0	13G	G11_050		Non-Coverged Contingency	0	0.07552	9999	'SPP-SWPS-02'
NCONV	FNSL-Itera	00NR		0	18SP	G11_050		'LATHAMS7 345.00 - ROSE HILL 345KV CKT 1'	956	0.03654	19.56938	'BASE CASE'
NCONV	FNSL-Itera	00NR		0	18SP	G11_050		'OGE3TERM47'	0	0.05442	9999	'BASE CASE'
	FDNS	00G11_05		0	13WP	G11_050	'FROM->T	'LAWEASOKLUNI'	425	0.09529	103.4	'BASE CASE'
	FDNS	00G11_05		0	18SP	G11_050	'FROM->T	'DUNCAN - TOSCO 69KV CKT 1'	39	0.06614	100.1498	'ANADARKO - GEORGIA 138KV CKT 1'
	FDNS	00NR		0	23SP	G11_050	'FROM->T	'DUNCAN - TOSCO 69KV CKT 1'	39	0.06695	111.3184	'ANADARKO - GEORGIA 138KV CKT 1'
	FDNS	00NR		0	23SP	G11_050	'TO->FROM	'COMANCHE TAP - TOSCO 69KV CKT 1'	39	0.06695	108.2938	'ANADARKO - GEORGIA 138KV CKT 1'
	FDNS	00NR		0	23SP	G11_050	'FROM->T	'DUNCAN - TOSCO 69KV CKT 1'	39	0.06624	101.359	'COMANCHE - EMPIRE 138KV CKT 1'
	FDNS	00NR		0	23SP	G11_050	'FROM->T	'DUNCAN - TOSCO 69KV CKT 1'	39	0.06624	106.3585	'EMPIRE - FLETCHER 138KV CKT 1'
	FDNS	00NR		0	23SP	G11_050	'TO->FROM	'COMANCHE TAP - TOSCO 69KV CKT 1'	39	0.06624	103.1299	'EMPIRE - FLETCHER 138KV CKT 1'
	FDNS	00NR		0	23SP	G11_050	'FROM->T	'DUNCAN - TOSCO 69KV CKT 1'	39	0.06695	106.4824	'FLETCHER - GEORGIA 138KV CKT 1'
	FDNS	00NR		0	23SP	G11_050	'TO->FROM	'COMANCHE TAP - TOSCO 69KV CKT 1'	39	0.06695	103.3389	'FLETCHER - GEORGIA 138KV CKT 1'
	FDNS	00NR		0	13WP	G11_050	'FROM->T	'LAWEASOKLUNI'	425	0.04256	118.4	'BASE CASE'
	FDNS	00NR		0	18SP	G11_050	'FROM->T	'DUNCAN - TOSCO 69KV CKT 1'	39	0.06687	112.7915	'ANADARKO - GEORGIA 138KV CKT 1'
	FDNS	00NR		0	18SP	G11_050	'TO->FROM	'COMANCHE TAP - TOSCO 69KV CKT 1'	39	0.06687	109.5723	'ANADARKO - GEORGIA 138KV CKT 1'
	FDNS	00NR		0	18SP	G11_050	'FROM->T	'DUNCAN - TOSCO 69KV CKT 1'	39	0.06615	103.7025	'COMANCHE - EMPIRE 138KV CKT 1'
	FDNS	00NR		0	18SP	G11_050	'TO->FROM	'COMANCHE TAP - TOSCO 69KV CKT 1'	39	0.06615	100.4575	'COMANCHE - EMPIRE 138KV CKT 1'
	FDNS	00NR		0	18SP	G11_050	'FROM->T	'DUNCAN - TOSCO 69KV CKT 1'	39	0.06615	108.1955	'EMPIRE - FLETCHER 138KV CKT 1'
	FDNS	00NR		0	18SP	G11_050	'TO->FROM	'COMANCHE TAP - TOSCO 69KV CKT 1'	39	0.06615	104.9266	'EMPIRE - FLETCHER 138KV CKT 1'
	FDNS	00NR		0	18SP	G11_050	'FROM->T	'DUNCAN - TOSCO 69KV CKT 1'	39	0.06687	107.5861	'FLETCHER - GEORGIA 138KV CKT 1'
	FDNS	00NR		0	18SP	G11_050	'TO->FROM	'COMANCHE TAP - TOSCO 69KV CKT 1'	39	0.06687	104.3855	'FLETCHER - GEORGIA 138KV CKT 1'
	FDNS	00NR		0	18WP	G11_050	'FROM->T	'LAWEASOKLUNI'	425	0.03749	102.7	'BASE CASE'
	FDNS	00NR		0	18WP	G11_050	'FROM->T	'DUNCAN - TOSCO 69KV CKT 1'	48	0.20938	101.1124	'G11_050T 138.00 - RUSH SPRINGS TAP 138KV CKT 1'
CONT-040	FDNS	03ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03706	171.7819	'HOYT - JEFFREY ENERGY CENTER 345KV CKT 1'
CONT-040	FDNS	03ALL		0	13G	G11_051	'TO->FROM	'BENTON - WICHITA 345KV CKT 1'	932	0.07337	102.5819	'HOYT - JEFFREY ENERGY CENTER 345KV CKT 1'
CONT-040	FDNS	01G11_05		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03783	112.8083	'HOYT - JEFFREY ENERGY CENTER 345KV CKT 1'
CONT-080	FDNS	03ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03707	170.7529	'HOYT - STRANGER CREEK 345KV CKT 1'
CONT-LaC	FDNS	09ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03695	107.9078	'LACYGNE - NEOSHO 345KV CKT 1'
ISLAND-LO	FDNS	01G11_05		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	108.7237	'Graves Sub - STATELINE INTERCHANGE 115KV CKT 1'
ISLAND-LO	FDNS	01G11_05		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	108.7218	'STATELINE INTERCHANGE (H TP80154301) 230/115/13.2KV TRANSFORMER CKT 1'
NCONV	FNSL-Itera	03ALL		0	13G	G11_051		Non-Coverged Contingency	0	0.15043	9999	'DBL-WICH-THI'
NCONV	FNSL-Blow	03ALL		0	13G	G11_051		Non-Coverged Contingency	0	0.45503	9999	'DBL-TGA-MATT'
NCONV	FNSL-Blow	03ALL		0	13G	G11_051		Non-Coverged Contingency	0	0.03934	9999	'DBL-SPRVL-MU'
NCONV	FNSL-Itera	03ALL		0	13G	G11_051		Non-Coverged Contingency	0	0.03934	9999	'DBL-MUL-RENO'
NCONV	FNSL-Itera	00NR		0	18SP	G11_051		'G11_051T 345.00 - TATONGA7 345.00 345KV	1792	0.54291	33.38732	'BASE CASE'
NCONV	FNSL-Itera	00NR		0	18SP	G11_051		'LATHAMS7 345.00 - ROSE HILL 345KV CKT 1'	956	0.03618	19.56938	'BASE CASE'
NCONV	FNSL-Itera	00NR		0	18SP	G11_051		'SPP-SWPS-04'	0	0.03999	9999	'BASE CASE'
SPP_FG-52	FDNS	01ALL		0	13G	G11_051	'FROM->T	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04292	119.127	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
SPP_FG-52	FDNS	03ALL		0	13G	G11_051	'FROM->T	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04182	116.5434	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03781	115.1174	'ROSE HILL - SOONER 345KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03781	101.4742	'ROSE HILL - SOONER 345KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03799	115.8367	'MIDLTNT4 138.00 - PECKHAM TAP 138KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03799	101.9094	'MIDLTNT4 138.00 - PECKHAM TAP 138KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03799	115.9396	'CRESWELL - MIDLTNT4 138.00 138KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03799	101.969	'CRESWELL - MIDLTNT4 138.00 138KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03604	106.5048	'EL RENO - ROMAN NOSE 138KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03604	105.7073	'ROMAN NOSE - SOUTHARD 138KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03912	120.7912	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - WOODWARD 138KV CKT 1'	287	0.03912	104.8895	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03695	114.8073	'GOLTYTP2 69.000 - HELENA TAP 69KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03695	101.5582	'GOLTYTP2 69.000 - HELENA TAP 69KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04201	129.4531	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04201	109.9733	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04239	129.6042	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04239	110.1597	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04239	129.6042	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2'
FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04239	110.1597	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2'
FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04756	138.894	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04756	115.734	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04756	138.894	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04756	115.734	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.09303	139.7757	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.09303	116.0666	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04201	131.3281	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04201	111.0913	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03778	115.5345	'ALVA - CHEROKEE SW 69KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03778	101.9703	'ALVA - CHEROKEE SW 69KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03757	115.1817	'ARAPAH0 - HAMON BUTLER 69KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03757	101.8679	'ARAPAH0 - HAMON BUTLER 69KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03757	115.2004	'ARAPAH0 - INDUSTRIAL PARK 69KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03757	101.8692	'ARAPAH0 - INDUSTRIAL PARK 69KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03762	115.874	'BRANTLEY - DURHAM 138KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03762	102.1213	'BRANTLEY - DURHAM 138KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03762	115.7486	'BRANTLEY - MORWOOD 138KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03762	102.0544	'BRANTLEY - MORWOOD 138KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03757	115.3554	'CORDELL - INDUSTRIAL PARK 69KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03757	101.9539	'CORDELL - INDUSTRIAL PARK 69KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03509	105.3959	'DOVER SW - OKEENE 138KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - WOODWARD 138KV CKT 1'	287	0.03837	130.7789	'FT SUPPLY - IODINE 138KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03837	111.274	'FT SUPPLY - IODINE 138KV CKT 1'
FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03757	115.173	'HAMON BUTLER - PUTNAM 69KV CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03757	101.8665	'HAMON BUTLER - PUTNAM 69KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03837	129.623	'IODINE - MOORELAND 138KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03837	110.4168	'IODINE - MOORELAND 138KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03942	120.359	'CARTER JCT - MOORELAND 69KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03942	104.426	'CARTER JCT - MOORELAND 69KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03762	115.7427	'MOREWOOD SW - MORWOOD 138KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03762	102.0528	'MOREWOOD SW - MORWOOD 138KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03462	105.5174	'MOREWOOD SW - RED HILLS WIND 138KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03741	115.3266	'OKEENE - WATONGA SW 69KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03741	101.6315	'OKEENE - WATONGA SW 69KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03757	115.0543	'PUTNAM - TALOGA 69KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03757	101.8104	'PUTNAM - TALOGA 69KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03942	120.9823	'CARTER JCT - WOODWARD 69KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03942	104.7897	'CARTER JCT - WOODWARD 69KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03685	126.014	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03685	107.88	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0374	125.0168	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0374	107.3625	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03685	120.921	'STATELINE INTERCHANGE - STLN-DEMARC6 230KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03685	104.821	'STATELINE INTERCHANGE - STLN-DEMARC6 230KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03843	120.4674	'G11-17T 345.00 - POST ROCK 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03843	104.6663	'G11-17T 345.00 - POST ROCK 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03858	120.8877	'MINGO - SETAB 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03858	104.9252	'MINGO - SETAB 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03869	120.6958	'MINGO - RED WILLOW 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03869	104.8079	'MINGO - RED WILLOW 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03898	123.6682	'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03898	106.6233	'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03986	122.442	'BEAVER CO 345.00 - BUCKNER7 345.00 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03986	105.8617	'BEAVER CO 345.00 - BUCKNER7 345.00 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03907	121.5295	'BENTON - WICHITA 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03907	105.2828	'BENTON - WICHITA 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03753	114.092	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03753	100.7408	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03986	125.3367	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03986	107.5823	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03986	125.3367	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03986	107.5823	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03685	127.6177	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03685	109.2738	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03786	123.3485	'WOODRING (WOODRNG2) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03786	106.777	'WOODRING (WOODRNG2) 345/138/13.8KV TRANSFORMER CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME	
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04292	149.1841	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03663	107.1948	'KNOBHILL (KNOBHIL4) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03487	126.8435	'WOODWARD DISTRICT EHV (WWDEHV) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03487	108.3686	'WOODWARD DISTRICT EHV (WWDEHV) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03488	126.872	'WOODWARD DISTRICT EHV (WWDEHV-T2) 345/138/13.8KV TRANSFORMER CKT 2'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03488	108.3871	'WOODWARD DISTRICT EHV (WWDEHV-T2) 345/138/13.8KV TRANSFORMER CKT 2'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03942	120.3603	'MOORELAND (MOORELND) 138/69/13.8KV TRANSFORMER CKT 1'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03942	104.4268	'MOORELAND (MOORELND) 138/69/13.8KV TRANSFORMER CKT 1'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03967	122.2983	'POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03967	105.6949	'POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04525	145.6736	'DBL-WICH-THI'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04525	119.6885	'DBL-WICH-THI'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0534	157.9422	'DBL-THIS-WWR'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0534	125.5262	'DBL-THIS-WWR'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04383	123.4772	'DBL-HTCH-BVR'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04383	106.4267	'DBL-HTCH-BVR'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05054	128.075	'DBL-BVR-WWRD'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.05054	109.2148	'DBL-BVR-WWRD'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03738	115.2952	'SPP-AEPW-01'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03738	101.5388	'SPP-AEPW-01'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03566	114.0672	'OGE3TERM1'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03566	101.5582	'OGE3TERM1'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03685	120.8919	'SPP-SWPS-02'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03685	104.811	'SPP-SWPS-02'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03685	125.5743	'SPP-SWPS-02A'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03685	108.0542	'SPP-SWPS-02A'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03684	126.7066	'SPP-SWPS-03'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03684	108.2812	'SPP-SWPS-03'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03967	120.1256	'SPP-SWPS-04'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03967	104.4104	'SPP-SWPS-04'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03804	120.1077	'WRTOD400'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03804	104.4428	'WRTOD400'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	104.4152	'GEN303006 1-1BC2 U1'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	120.6747	'GEN303007 1-1BC2 U2'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	104.8012	'GEN303007 1-1BC2 U2'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	120.6901	'GEN335206 1-NELSON UNIT 6'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	104.8089	'GEN335206 1-NELSON UNIT 6'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	124.4939	'GEN336153 1-WATERFORD UNIT#3'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	107.1239	'GEN336153 1-WATERFORD UNIT#3'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	125.0803	'GEN336821 1-GRAND GULF UNIT'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	107.4792	'GEN336821 1-GRAND GULF UNIT'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	121.8917	'GEN337652 1-WHITE BLUFF UNIT #1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
FDNS	01ALL		0	13G	G11_051	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	105.5392	'GEN337652 1-WHITE BLUFF UNIT #1'
FDNS	01ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	122.0302	'GEN337653 1-WHITE BLUFF UNIT #2'
FDNS	01ALL		0	13G	G11_051	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	105.6239	'GEN337653 1-WHITE BLUFF UNIT #2'
FDNS	01ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	122.649	'GEN337910 1-ARKANSAS NUCLEAR ONE UNIT #1'
FDNS	01ALL		0	13G	G11_051	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	105.9959	'GEN337910 1-ARKANSAS NUCLEAR ONE UNIT #1'
FDNS	01ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	123.548	'GEN337911 1-ARKANSAS NUCLEAR ONE UNIT #2'
FDNS	01ALL		0	13G	G11_051	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	106.5438	'GEN337911 1-ARKANSAS NUCLEAR ONE UNIT #2'
FDNS	01ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	121.4873	'GEN338143 1-INDEPENDENCE UNIT #1'
FDNS	01ALL		0	13G	G11_051	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	105.2958	'GEN338143 1-INDEPENDENCE UNIT #1'
FDNS	01ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	121.5501	'GEN338146 1-INDEPENDENCE UNIT #2'
FDNS	01ALL		0	13G	G11_051	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	105.3341	'GEN338146 1-INDEPENDENCE UNIT #2'
FDNS	01ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	120.6188	'GEN338388 1-1PLUM PT U1 23.000'
FDNS	01ALL		0	13G	G11_051	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	104.7687	'GEN338388 1-1PLUM PT U1 23.000'
FDNS	01ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	121.9123	'GEN501801 1-DOLET HILLS UNIT1'
FDNS	01ALL		0	13G	G11_051	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	105.5523	'GEN501801 1-DOLET HILLS UNIT1'
FDNS	01ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	120.5356	'GEN501812 1-RODEMACHER UNIT 2'
FDNS	01ALL		0	13G	G11_051	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	104.715	'GEN501812 1-RODEMACHER UNIT 2'
FDNS	01ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	121.0932	'GEN501813 1-RODEMACHER UNIT 3'
FDNS	01ALL		0	13G	G11_051	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	105.0547	'GEN501813 1-RODEMACHER UNIT 3'
FDNS	01ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	121.3394	'GEN509394 1-FLINT CREEK'
FDNS	01ALL		0	13G	G11_051	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	105.1888	'GEN509394 1-FLINT CREEK'
FDNS	01ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	122.4393	'GEN509403 1-PIRKEY GENERATION'
FDNS	01ALL		0	13G	G11_051	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	105.8767	'GEN509403 1-PIRKEY GENERATION'
FDNS	01ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	121.2965	'GEN509404 1-WELSH #1'
FDNS	01ALL		0	13G	G11_051	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	105.1803	'GEN509404 1-WELSH #1'
FDNS	01ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	121.5961	'GEN509405 1-WELSH #2'
FDNS	01ALL		0	13G	G11_051	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	105.3602	'GEN509405 1-WELSH #2'
FDNS	01ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	121.5963	'GEN509406 1-WELSH #3'
FDNS	01ALL		0	13G	G11_051	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	105.3604	'GEN509406 1-WELSH #3'
FDNS	01ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	122.3	'GEN509416 1-TURK GENERATION'
FDNS	01ALL		0	13G	G11_051	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	105.7925	'GEN509416 1-TURK GENERATION'
FDNS	01ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	121.1623	'GEN511840 1-NORTHEASTERN STATION #3'
FDNS	01ALL		0	13G	G11_051	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	105.0823	'GEN511840 1-NORTHEASTERN STATION #3'
FDNS	01ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	121.0949	'GEN511841 1-NORTHEASTERN STATION #4'
FDNS	01ALL		0	13G	G11_051	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	105.0416	'GEN511841 1-NORTHEASTERN STATION #4'
FDNS	01ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	120.4378	'GEN512688 2-GRDA1 GSU2 22'
FDNS	01ALL		0	13G	G11_051	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	104.645	'GEN512688 2-GRDA1 GSU2 22'
FDNS	01ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	120.7323	'GEN512689 1-GRDA1 GSU1 22'
FDNS	01ALL		0	13G	G11_051	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	104.8228	'GEN512689 1-GRDA1 GSU1 22'
FDNS	01ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	125.3778	'GEN514805 1-SOONER UNIT 1'
FDNS	01ALL		0	13G	G11_051	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	107.646	'GEN514805 1-SOONER UNIT 1'
FDNS	01ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	123.0297	'GEN514806 1-SOONER UNIT 2'
FDNS	01ALL		0	13G	G11_051	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	106.2816	'GEN514806 1-SOONER UNIT 2'
FDNS	01ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	120.1159	'GEN515040 1-SEMINOLE 1G'
FDNS	01ALL		0	13G	G11_051	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	104.4394	'GEN515040 1-SEMINOLE 1G'
FDNS	01ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	120.1563	'GEN515042 1-SEMINOLE 3G'
FDNS	01ALL		0	13G	G11_051	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	104.4708	'GEN515042 1-SEMINOLE 3G'
FDNS	01ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	121.4059	'GEN515223 1-MUSKOGEE 4G'
FDNS	01ALL		0	13G	G11_051	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	105.226	'GEN515223 1-MUSKOGEE 4G'
FDNS	01ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	121.4071	'GEN515225 1-MUSKOGEE 5G'
FDNS	01ALL		0	13G	G11_051	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	105.2267	'GEN515225 1-MUSKOGEE 5G'
FDNS	01ALL		0	13G	G11_051	'TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	121.7902	'GEN515226 1-MUSKOGEE 6G'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	105.4578	'GEN515226 1-MUSKOGEE 6G'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	107.9767	'GEN515365 1-CENT 21 34.500'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	128.8719	'GEN515389 1-TLGAWND1 34.500'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	109.1831	'GEN515389 1-TLGAWND1 34.500'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	108.5993	'GEN515393 1-OGEWND2G'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	111.588	'GEN515397 1-OUSPR1 34.500'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	148.4879	'GEN515787 1-OKLA WIND ENERGY CENTER'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	140.108	'GEN520922 1-SLEEPING BEAR'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	115.3429	'GEN520922 1-SLEEPING BEAR'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	121.7004	'GEN520947 1-HUGO1'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	105.4305	'GEN520947 1-HUGO1'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	121.6678	'GEN521120 1-BUFBEAR2'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	105.1928	'GEN521120 1-BUFBEAR2'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	114.8995	'GEN525561 1-TOLK GEN #1 24 KV'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	101.2439	'GEN525561 1-TOLK GEN #1 24 KV'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	114.8418	'GEN525562 1-TOLK GEN #2 24 KV'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	101.2089	'GEN525562 1-TOLK GEN #2 24 KV'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	113.6948	'GEN531447 1-HOLCOMB GENERATOR'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	100.5744	'GEN531447 1-HOLCOMB GENERATOR'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	115.5449	'GEN560175 1-G07-44 0.5750'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	101.6557	'GEN560175 1-G07-44 0.5750'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	111.9511	'GEN560221 1-G07-62-1 0.6900'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	111.9511	'GEN560222 1-G07-62-2 0.6900'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	112.0608	'GEN560223 1-G07-62-3 0.6900'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	112.0608	'GEN560224 1-G07-62-4 0.6900'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	115.3032	'GEN560282 1-G08-19 0.6000'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	101.4874	'GEN560282 1-G08-19 0.6000'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	102.5678	'GEN560429 1-G08-29 0.6400'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	115.4693	'GEN562010 1-G11_024_3 0.6900'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	101.6035	'GEN562010 1-G11_024_3 0.6900'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	108.6853	'GEN562023 1-G11_020_3 0.6900'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	108.6853	'GEN562026 1-G11_019_3 0.6900'
	FDNS	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	115.1222	'GEN659118 1-LARAMIE RIVER UNIT1'
	FDNS	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	101.4492	'GEN659118 1-LARAMIE RIVER UNIT1'
	FNSL	01ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	122.9405	'GEN335831 1-RIVERBEND UNIT#1'
	FNSL	01ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03793	106.1839	'GEN335831 1-RIVERBEND UNIT#1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	193.3255	'BASE CASE'
	FDNS	03ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03697	102.2692	'BASE CASE'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'BENTON - WICHITA 345KV CKT 1'	932	0.07126	100.6258	'BASE CASE'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03652	162.161	'CLINTON AIR FORCE BASE TAP - ELK CITY 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03652	162.3864	'CLINTON AIR FORCE BASE TAP - HOBART JUNCTION 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0371	172.3879	'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03676	162.3879	'CLINTON JUNCTION - ELK CITY 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0337	157.2714	'ELK CITY - RED HILLS WIND 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0357	188.3146	'ELK CITY 230KV - SWEETWATER 230KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0357	106.6982	'ELK CITY 230KV - SWEETWATER 230KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0357	180.1663	'STLN-DEMARC6 - SWEETWATER 230KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0357	102.0345	'STLN-DEMARC6 - SWEETWATER 230KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03671	165.4265	'MARSHALL - WOODRING 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03639	180.7742	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03639	102.4645	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME	
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.06615	110.6803	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03872	163.9155	'MATTHEWSON 345.00 - WOODRING 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03601	165.5816	'KNOBHILL - SALINE 69KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03601	165.9615	'HELENA TAP - SALINE 69KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03671	165.4745	'COTTONWOOD CREEK - MARSHALL 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03215	149.9119	'CLEO CORNER - GLASS MOUNTAIN 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03113	153.1593	'CLEO CORNER - MEN TAP 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04182	192.7274	'WOODWARD - WOODWARD 69KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04182	108.3529	'WOODWARD - WOODWARD 69KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 2'	287	0.04036	103.9659	'WOODWARD - WOODWARD EHV 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03316	150.982	'WOODWARD - WOODWARD EHV 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.04404	112.8564	'WOODWARD - WOODWARD EHV 138KV CKT 2'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03614	164.3671	'WOODWARD - WOODWARD EHV 138KV CKT 2'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04373	202.305	'DEWEY - IODINE 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04373	113.716	'DEWEY - IODINE 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03516	157.5486	'DEWEY - SOUTHARD 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03854	176.972	'DEWEY - TALOGA 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03854	100.2417	'DEWEY - TALOGA 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03215	148.8558	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03113	154.1025	'IMO TAP - MEN TAP 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03681	165.375	'ALVA - KNOBHILL 69KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03569	158.5477	'KNOBHILL - MOORELAND 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04373	203.2911	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04373	114.25	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03675	171.4698	'ROSE HILL - SOONER 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03516	159.3209	'EL RENO - ROMAN NOSE 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03516	158.6248	'ROMAN NOSE - SOUTHARD 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03812	170.3164	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04108	178.983	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04108	101.4845	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04148	164.3969	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04148	164.3969	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03922	162.179	'BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03922	162.179	'BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04645	185.2798	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04645	105.0083	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04645	185.2798	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	03ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04645	105.0083	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.07712	117.2646	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.09126	249.8176	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'ROMAN NOSE - SOUTHARD 138KV CKT 1'	153	0.03808	104.2895	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.09126	140.5405	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME	
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.1504	114.9009	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04108	181.0436	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04108	102.6136	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03639	179.5599	'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03639	101.7585	'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.06615	108.4213	'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03682	166.0278	'ALVA - CHEROKEE SW 69KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03662	165.8963	'ARAPAHO - HAMON BUTLER 69KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03662	165.8987	'ARAPAHO - INDUSTRIAL PARK 69KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03654	165.9218	'CALUMET - WATONGA SW 69KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03324	149.2049	'CEDARDALE - MOORELAND 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	170.7527	'GEN303007 1-1BC2 U2'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	170.8251	'GEN335206 1-NELSON UNIT 6'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	173.061	'GEN335831 1-RIVERBEND UNIT#1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	174.6067	'GEN336153 1-WATERFORD UNIT#3'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	175.1764	'GEN336821 1-GRAND GULF UNIT'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	172.0009	'GEN337652 1-WHITE BLUFF UNIT #1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	172.1442	'GEN337653 1-WHITE BLUFF UNIT #2'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	172.8708	'GEN337910 1-ARKANSAS NUCLEAR ONE UNIT #1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	171.4843	'GEN338143 1-INDEPENDENCE UNIT #1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	171.5507	'GEN338146 1-INDEPENDENCE UNIT #2'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	170.5661	'GEN338388 1-1PLUM PT U1 23.000'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	172.2286	'GEN501801 1-DOLET HILLS UNIT1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	170.6663	'GEN501812 1-RODEMACHER UNIT 2'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	171.2412	'GEN501813 1-RODEMACHER UNIT 3'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	171.6614	'GEN509394 1-FLINT CREEK'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	172.8662	'GEN509403 1-PIRKEY GENERATION'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	171.9592	'GEN509404 1-WELSH #1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	171.9593	'GEN509405 1-WELSH #2'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	171.9596	'GEN509406 1-WELSH #3'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	172.759	'GEN509416 1-TURK GENERATION'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	171.5154	'GEN511840 1-NORTHEASTERN STATION #3'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	171.4428	'GEN511841 1-NORTHEASTERN STATION #4'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	170.7071	'GEN512688 2-GRDA1 GSU2 22'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	171.0346	'GEN512689 1-GRDA1 GSU1 22'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	176.4892	'GEN514805 1-SOONER UNIT 1'
	FDNS	03ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03697	100.1336	'GEN514805 1-SOONER UNIT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	174.0636	'GEN514806 1-SOONER UNIT 2'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	171.7988	'GEN515223 1-MUSKOGEE 4G'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	171.8003	'GEN515225 1-MUSKOGEE 5G'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	172.2181	'GEN515226 1-MUSKOGEE 6G'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	165.8935	'GEN515365 1-CENT 21 34.500'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	166.0316	'GEN515393 1-OGEWND2G'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	173.824	'GEN515787 1-OKLA WIND ENERGY CENTER'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	172.499	'GEN520922 1-SLEEPING BEAR'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	172.198	'GEN520947 1-HUGO1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	163.6339	'GEN525561 1-TOLK GEN #1 24 KV'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	163.1677	'GEN525562 1-TOLK GEN #2 24 KV'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	161.4267	'GEN531447 1-HOLCOMB GENERATOR'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.07126	124.5085	'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	164.2518	'GEN560209 1-G07-40 0.5750'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	164.8778	'GEN560238 1-G10-09 0.6900'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	160.611	'GEN560279 1-G08-18 0.6900'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	164.2353	'GEN560329 1-G10-45 0.6900'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	164.6849	'GEN560429 1-G08-29 0.6400'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	164.4585	'GEN560432 1-G08-124 0.6900'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	163.9555	'GEN560522 1-G05-12 0.6900'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	164.634	'GEN560549 1-G06-06 0.6900'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	164.7925	'GEN560659 1-G07-38 0.6900'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	164.6219	'GEN560693 1-G11-008-1 0.6900'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	162.6404	'GEN562014 1-G11_023_3 0.6900'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	166.0181	'GEN562023 1-G11_020_3 0.6900'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	166.0181	'GEN562026 1-G11_019_3 0.6900'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	163.4663	'GEN562032 1-G11_017_3 0.6900'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	164.7326	'GEN562035 1-G11_016_3 0.6900'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	165.516	'GEN562062 1-G11_043_3 0.6900'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	165.516	'GEN562065 1-G11_044_3 0.6900'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	163.8341	'GEN659118 1-LARAMIE RIVER UNIT1'
FNSL	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03697	173.8117	'GEN337911 1-ARKANSAS NUCLEAR ONE UNIT #2'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03324	149.9637	'CEDARDALE - OKEENE 138KV CKT 1'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03662	166.0499	'CORDELL - INDUSTRIAL PARK 69KV CKT 1'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03419	159.6143	'DOVER SW - OKEENE 138KV CKT 1'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	171.4312	'FARGO JCT - FT SUPPLY 69KV CKT 1'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03662	165.8898	'HAMON BUTLER - PUTNAM 69KV CKT 1'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03842	171.4043	'CARTER JCT - MOORELAND 69KV CKT 1'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03672	163.7194	'MOORELAND - TALOGA 138KV CKT 1'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0337	161.2226	'MOREWOOD SW - RED HILLS WIND 138KV CKT 1'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03647	165.5825	'OKEENE - WATONGA SW 69KV CKT 1'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03662	165.7652	'PUTNAM - TALOGA 69KV CKT 1'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03793	172.3965	'FARGO JCT - WOODWARD 69KV CKT 1'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03842	172.0547	'CARTER JCT - WOODWARD 69KV CKT 1'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03735	166.0184	'FINNEY SWITCHING STATION - Hitchland Interchange 345KV CKT 1'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0387	172.6494	'Hitchland Interchange - POTTER COUNTY INTERCHANGE 345KV CKT 1'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0357	185.8816	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1'
FDNS	03ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0357	105.1975	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03634	180.9737	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'
FDNS	03ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03634	102.5462	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0357	180.1906	'STATELINE INTERCHANGE - STLN-DEMARC6 230KV CKT 1'
FDNS	03ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0357	102.0452	'STATELINE INTERCHANGE - STLN-DEMARC6 230KV CKT 1'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03747	177.6003	'G11-17T 345.00 - POST ROCK 345KV CKT 1'
FDNS	03ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03747	100.6744	'G11-17T 345.00 - POST ROCK 345KV CKT 1'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03748	174.5447	'AXTELL - POST ROCK 345KV CKT 1'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03749	171.3509	'HOLCOMB - SETAB 345KV CKT 1'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03761	174.3736	'MINGO - SETAB 345KV CKT 1'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03771	175.592	'MINGO - RED WILLOW 345KV CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME	
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03711	172.123	'MULGREN7 345.00 - SPEARVILLE 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03711	172.123	'MULGREN7 345.00 - SPEARVILLE 345KV CKT 2'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03897	159.8511	'BEAVER CO 345.00 - BUCKNER7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03682	173.2444	'RENO COUNTY - WICHITA 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03713	172.9522	'MULGREN7 345.00 - RENO COUNTY 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03713	172.9522	'MULGREN7 345.00 - RENO COUNTY 345KV CKT 2'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.076	101.8618	'SWISSVALE - WEST GARDNER 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03747	172.4919	'BENTON - ROSE HILL 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03806	177.1823	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - WOODWARD 138KV CKT 1'	287	0.03806	100.5166	'BENTON - WICHITA 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03639	177.116	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03639	100.3679	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.06615	104.0136	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03887	181.8893	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03887	103.0587	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03887	181.8893	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03887	103.0587	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.07501	100.9199	'CHISHOLM - MAIZEE 4 138.00 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.07501	101.4302	'EVANS ENERGY CENTER NORTH - MAIZEW 4 138.00 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.07501	101.426	'MAIZE - MAIZEW 4 138.00 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.07501	100.9229	'MAIZE - MAIZEE 4 138.00 138KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03707	168.1826	'CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03707	168.1826	'CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 2'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0357	188.325	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0357	106.7038	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03688	178.5692	'WOODRING (WOODRNG2) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03688	101.3148	'WOODRING (WOODRNG2) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04182	207.8974	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03569	159.0964	'KNOBHILL (KNOBHIL4) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03399	157.7446	'WOODWARD DISTRICT EHV (WWDEHV) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.034	157.8153	'WOODWARD DISTRICT EHV (WWDEHV-T2) 345/138/13.8KV TRANSFORMER CKT 2'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03842	171.4063	'MOORELAND (MOORELND) 138/69/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0387	175.4734	'POTTER COUNTY INTERCHANGE (WAWK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.07325	100.4193	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.07374	102.8293	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05264	154.2434	'DBL-THIS-WWR'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03737	165.5339	'DBL-SPRVL-CL'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04297	163.4927	'DBL-HTCH-BVR'
	FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0371	174.7427	'SPP-AEPW-32'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03724	172.8071	'SPP-SWPS-01'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0357	180.1718	'SPP-SWPS-02'
FDNS	03ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0357	102.0377	'SPP-SWPS-02'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0357	185.7753	'SPP-SWPS-02A'
FDNS	03ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0357	105.3014	'SPP-SWPS-02A'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03569	186.8911	'SPP-SWPS-03'
FDNS	03ALL		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03569	105.757	'SPP-SWPS-03'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0387	172.8759	'SPP-SWPS-04'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03735	166.2195	'SPP-SWPS-05'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.07501	100.9225	'SPP-WERE-90'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.07501	101.4301	'SPP-WERE-91'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03707	171.9754	'WRTOD400'
FDNS	03ALL		0	13G	G11_051	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.07352	103.1539	'WRTOD400'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03806	110.6256	'BASE CASE'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03847	101.5479	'OKLAUNION - TUCO INTERCHANGE 345KV CKT 1'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03718	115.0773	'ELK CITY 230KV - SWEETWATER 230KV CKT 1'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03718	106.7516	'STLN-DEMAR6 - SWEETWATER 230KV CKT 1'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03746	100.4585	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04304	110.6789	'WOODWARD - WOODWARD 69KV CKT 1'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04499	115.8409	'DEWEY - IODINE 138KV CKT 1'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03967	101.4682	'DEWEY - TALOGA 138KV CKT 1'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04499	116.8364	'IODINE - WOODWARD EHV 138KV CKT 1'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04764	105.627	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04764	105.627	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0929	130.0404	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03718	112.3327	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03763	108.1162	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03718	106.7673	'STATELINE INTERCHANGE - STLN-DEMAR6 230KV CKT 1'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04004	100.6414	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04004	100.6414	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03718	115.0714	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03794	105.7725	'WOODRING (WOODRNG2) 345/138/13.8KV TRANSFORMER CKT 1'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04304	123.0854	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04558	112.6499	'DBL-WICH-THI'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05399	106.2359	'DBL-THIS-WWR'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03847	103.9393	'SPP-AEPW-32'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0386	101.556	'SPP-SWPS-01'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03718	106.7524	'SPP-SWPS-02'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03718	112.7246	'SPP-SWPS-02A'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03717	113.1818	'SPP-SWPS-03'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03806	101.0023	'GEN335831 1-RIVERBEND UNIT#1'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03806	102.3833	'GEN336153 1-WATERFORD UNIT#3'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03806	102.9727	'GEN336821 1-GRAND GULF UNIT'
FDNS	06ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03806	100.158	'GEN337653 1-WHITE BLUFF UNIT #2'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
	FDNS	06ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03806	100.8244	'GEN337910 1-ARKANSAS NUCLEAR ONE UNIT #1'
	FDNS	06ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03806	100.1686	'GEN501801 1-DOLET HILLS UNIT1'
	FDNS	06ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03806	100.7687	'GEN509403 1-PIRKEY GENERATION'
	FDNS	06ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03806	100.686	'GEN509416 1-TURK GENERATION'
	FDNS	06ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03806	104.4739	'GEN514805 1-SOONER UNIT 1'
	FDNS	06ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03806	101.7923	'GEN514806 1-SOONER UNIT 2'
	FDNS	06ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03806	100.1867	'GEN515226 1-MUSKOGEE 6G'
	FDNS	06ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03806	101.8241	'GEN515787 1-OKLA WIND ENERGY CENTER'
	FDNS	06ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03806	100.5958	'GEN520922 1-SLEEPING BEAR'
	FDNS	06ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03806	100.153	'GEN520947 1-HUGO1'
	FDNS	06ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03806	100.0803	'GEN520997 1-MORLND2'
	FNSL	06ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03806	101.6999	'GEN337911 1-ARKANSAS NUCLEAR ONE UNIT #2'
	FDNS	08ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03721	106.8821	'BASE CASE'
	FDNS	08ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03608	106.4493	'ELK CITY 230KV - SWEETWATER 230KV CKT 1'
	FDNS	08ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0366	106.6664	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
	FDNS	08ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04209	106.8221	'WOODWARD - WOODWARD 69KV CKT 1'
	FDNS	08ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04403	111.4468	'DEWEY - IODINE 138KV CKT 1'
	FDNS	08ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04403	112.4343	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	08ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04673	101.2649	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	08ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04673	101.2649	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	08ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.09175	121.189	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	08ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0413	100.6894	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
	FDNS	08ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03608	103.9681	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1'
	FDNS	08ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03665	101.9983	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'
	FDNS	08ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03608	106.4429	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
	FDNS	08ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03708	104.7587	'WOODRING (WOODRNG2) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	08ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04209	118.7202	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	08ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04463	102.3636	'DBL-WICH-THI'
	FDNS	08ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03608	104.3288	'SPP-SWPS-02A'
	FDNS	08ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03607	104.6877	'SPP-SWPS-03'
	FDNS	08ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03721	100.4421	'GEN336153 1-WATERFORD UNIT#3'
	FDNS	08ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03721	101.1995	'GEN336821 1-GRAND GULF UNIT'
	FDNS	08ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03721	101.5867	'GEN514805 1-SOONER UNIT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	121.3963	'BASE CASE'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03657	101.5397	'CLINTON AIR FORCE BASE TAP - ELK CITY 138KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03657	101.7685	'CLINTON AIR FORCE BASE TAP - HOBART JUNCTION 138KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0368	101.9025	'CLINTON JUNCTION - ELK CITY 138KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03592	120.1036	'ELK CITY 230KV - SWEETWATER 230KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03592	112.233	'STLN-DEMAR6 - SWEETWATER 230KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03496	109.0776	'WAUKOMIS - WAUKOMIS TAP 138KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03496	108.5797	'HENESSEY - WAUKOMIS 138KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03642	112.1338	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0388	102.1416	'MATTHEWSON 345.00 - WOODRING 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03496	108.0087	'DOVER SW - HENESSEY 138KV CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04191	120.9677	'WOODWARD - WOODWARD 69KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03622	103.2143	'WOODWARD - WOODWARD EHV 138KV CKT 2'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04384	126.3252	'DEWEY - IODINE 138KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03861	111.5634	'DEWEY - TALOGA 138KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03117	100.2527	'IMO TAP - MEN TAP 138KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03689	103.3705	'ALVA - KNOBHILL 69KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04384	127.3021	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03523	100.2565	'EL RENO - ROMAN NOSE 138KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04112	111.767	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03927	102.1122	'BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03927	102.1122	'BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04656	115.041	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04656	115.041	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.09147	140.3882	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04112	113.7257	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03642	110.7756	'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03426	100.8637	'DOVER SW - OKEENE 138KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03698	107.6603	'FAIRVIEW - OKEENE 69KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03678	102.7515	'MOORELAND - TALOGA 138KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03381	102.435	'MOREWOOD SW - RED HILLS WIND 138KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03801	107.8814	'FARGO JCT - WOODWARD 69KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03592	117.5808	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03649	115.1748	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03592	112.2632	'STATELINE INTERCHANGE - STLN-DEMARC6 230KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03791	103.0915	'MINGO - RED WILLOW 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03813	107.7056	'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03905	103.2828	'BEAVER CO 345.00 - BUCKNER7 345.00 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03816	107.9698	'BENTON - WICHITA 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03642	107.8478	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03899	109.3204	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03899	109.3204	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03592	120.095	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03693	115.93	'WOODRING (WOODRNG2) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04191	133.0766	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03406	100	'WOODWARD DISTRICT EHV (WWDEHV) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03407	100	'WOODWARD DISTRICT EHV (WWDEHV-T2) 345/138/13.8KV TRANSFORMER CKT 2'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03873	108.9576	'POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1'
	FDNS	09ALL		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04443	119.8002	'DBL-WICH-THI'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03744	103.6005	'DBL-THIS-CLR'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04293	100.4747	'DBL-HTCH-BVR'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03723	108.223	'SPP-AEPW-32'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03479	109.4051	'OGE3TERM1'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03592	112.2373	'SPP-SWPS-02'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03592	117.9793	'SPP-SWPS-02A'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03591	118.3284	'SPP-SWPS-03'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	107.7183	'GEN301380 1-10SAGEWIND 34.500'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	107.8163	'GEN303006 1-1BC2 U1'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	108.5235	'GEN303007 1-1BC2 U2'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	107.6369	'GEN303008 1-1BC2 U3'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	108.528	'GEN335206 1-NELSON UNIT 6'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	111.044	'GEN335831 1-RIVERBEND UNIT#1'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	112.6712	'GEN336153 1-WATERFORD UNIT#3'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	113.3948	'GEN336821 1-GRAND GULF UNIT'
FDNS-CHEC	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	109.9	'GEN337652 1-WHITE BLUFF UNIT #1'
FDNS-CHEC	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	110	'GEN337653 1-WHITE BLUFF UNIT #2'
FDNS-CHEC	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	110.7	'GEN337910 1-ARKANSAS NUCLEAR ONE UNIT #1'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	111.7055	'GEN337911 1-ARKANSAS NUCLEAR ONE UNIT #2'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	109.4376	'GEN338143 1-INDEPENDENCE UNIT #1'
FDNS-CHEC	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	109.5	'GEN338146 1-INDEPENDENCE UNIT #2'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	108.4822	'GEN338388 1-1PLUM PT U1 23.000'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	109.8544	'GEN501801 1-DOLET HILLS UNIT1'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	108.354	'GEN501812 1-RODEMACHER UNIT 2'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	108.975	'GEN501813 1-RODEMACHER UNIT 3'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	109.2581	'GEN509394 1-FLINT CREEK'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	110.4622	'GEN509403 1-PIRKSH GENERATION'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	109.5169	'GEN509404 1-WELSH #1'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	109.517	'GEN509405 1-WELSH #2'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	109.5172	'GEN509406 1-WELSH #3'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	110.3235	'GEN509416 1-TURK GENERATION'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	109.0674	'GEN511840 1-NORTHEASTERN STATION #3'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	108.9923	'GEN511841 1-NORTHEASTERN STATION #4'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	107.6684	'GEN511938 1-OEC STEAM # 1'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	108.8549	'GEN512688 2-GRDA1 GSU2 22'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	108.585	'GEN512689 1-GRDA1 GSU1 22'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	114.0298	'GEN514805 1-SOONER UNIT 1'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	111.3801	'GEN514806 1-SOONER UNIT 2'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	109.3243	'GEN515223 1-MUSKOGEE 4G'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	109.326	'GEN515225 1-MUSKOGEE 5G'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	109.75	'GEN515226 1-MUSKOGEE 6G'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	103.3776	'GEN515365 1-CENT 21 34.500'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	111.0044	'GEN515787 1-OKLA WIND ENERGY CENTER'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	109.7533	'GEN520922 1-SLEEPING BEAR'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	109.6591	'GEN520947 1-HUGO1'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	107.5709	'GEN521207 1-RHWIND1WG11 0.6900'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	102.1712	'GEN525561 1-TOLK GEN #1 24 KV'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	101.8904	'GEN525562 1-TOLK GEN #2 24 KV'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	100.9702	'GEN531447 1-HOLCOMB GENERATOR'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	102.3263	'GEN560429 1-G08-29 0.6400'
FDNS	09ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03705	102.8151	'GEN659118 1-LARAMIE RIVER UNIT1'
FDNS	14ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03775	100.8395	'BASE CASE'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME	
	FDNS	14ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03665	102.6466	'ELK CITY 230KV - SWEETWATER 230KV CKT 1'
	FDNS	14ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04268	100.9839	'WOODWARD - WOODWARD 69KV CKT 1'
	FDNS	14ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0446	105.0464	'DEWEY - IODINE 138KV CKT 1'
	FDNS	14ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0446	106.049	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	14ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.09229	114.9173	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	14ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03665	100	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1'
	FDNS	14ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03665	102.6395	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
	FDNS	14ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04268	113.345	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	14ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04514	103.0052	'DBL-WICH-THI'
	FDNS	14ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03665	100.431	'SPP-SWPS-02A'
	FDNS	14ALL		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03664	100.7477	'SPP-SWPS-03'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	127.3991	'BASE CASE'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03719	108.5677	'LYDIA - VALLIANT 345KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03775	108.1314	'DELAWARE - NORTHEAST STATION 345KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03723	106.3974	'CLINTON AIR FORCE BASE TAP - ELK CITY 138KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03723	106.6154	'CLINTON AIR FORCE BASE TAP - HOBART JUNCTION 138KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03746	107.0695	'CLINTON JUNCTION - ELK CITY 138KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03664	121.8694	'ELK CITY 230KV - SWEETWATER 230KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03664	114.5871	'STLN-DEMARC6 - SWEETWATER 230KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03564	108.2747	'HENESSEY - WAUKOMIS 138KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03676	107.3605	'KNOBHILL - SALINE 69KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03676	107.7341	'HELENA TAP - SALINE 69KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03676	108.4441	'GOLTYTP2 69.000 - IMO 69KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03778	108.6343	'NEWKIRK4 - PECKHAM TAP 138KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03564	107.7652	'DOVER SW - HENESSEY 138KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04269	125.0067	'WOODWARD - WOODWARD 69KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03385	103.5948	'WOODWARD - WOODWARD EHV 138KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04468	129.22	'DEWEY - IODINE 138KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04468	100.3428	'DEWEY - IODINE 138KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03928	124.2614	'DEWEY - TALOGA 138KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03757	108.1922	'ALVA - KNOBHILL 69KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03643	100.4738	'KNOBHILL - MOORELAND 138KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04468	130.2275	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04468	100.8895	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03824	113.1471	'GRACEMONT - MINCO 345KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03757	108.3525	'ROSE HILL - SOONER 345KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03778	108.6347	'MIDLNT4 138.00 - PECKHAM TAP 138KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03778	108.7417	'CRESWELL - MIDLNT4 138.00 138KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03586	101.0782	'EL RENO - ROMAN NOSE 138KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03586	100.3121	'ROMAN NOSE - SOUTHARD 138KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03891	113.1257	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03676	108.263	'GOLTYTP2 69.000 - HELENA TAP 69KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04183	120.502	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04221	120.1426	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04221	120.1426	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME	
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04733	128.5503	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04733	101.0236	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04733	128.5503	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	01G11_05		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04733	101.0236	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.09268	134.9822	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.09268	104.6308	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04183	122.3891	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03758	108.5032	'ALVA - CHEROKEE SW 69KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03742	108.7713	'BRANTLEY - MORWOOD 138KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03817	121.6043	'FT SUPPLY - IODINE 138KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03817	120.0299	'IODINE - MOORELAND 138KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03742	108.7656	'MOREWOOD SW - MORWOOD 138KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03444	101.0126	'MOREWOOD SW - RED HILLS WIND 138KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03721	108.2602	'OKEENE - WATONGA SW 69KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03737	108.7475	'PUTNAM - TALOGA 69KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03921	113.3435	'CARTER JCT - WOODWARD 69KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03664	119.619	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0372	118.5321	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03664	114.6246	'STATELINE INTERCHANGE - STLN-DEMAR6 230KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03824	112.8529	'G11-17T 345.00 - POST ROCK 345KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03839	113.121	'MINGO - SETAB 345KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03879	115.6774	'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03967	113.9327	'BEAVER CO 345.00 - BUCKNER7 345.00 345KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03887	113.9387	'BENTON - WICHITA 345KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03728	107.5643	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03967	117.299	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03967	117.299	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03664	121.8622	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03765	117.2701	'WOODRING (WOODRNG2) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04269	139.9516	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03643	101.2048	'KNOBHILL (KNOBHIL4) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03469	116.4952	'WOODWARD DISTRICT EHV (WWDEHV) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03469	116.5302	'WOODWARD DISTRICT EHV (WWDEHV-T2) 345/138/13.8KV TRANSFORMER CKT 2'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03946	114.4653	'POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04508	135.4216	'DBL-WICH-THI'
	FDNS	01G11_05		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.04508	105.0133	'DBL-WICH-THI'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05327	143.0228	'DBL-THIS-WWR'
	FDNS	01G11_05		0	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.05327	109.0591	'DBL-THIS-WWR'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.04362	113.2996	'DBL-HTCH-BVR'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05037	114.3443	'DBL-BVR-WWRD'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.09268	213.6456	'DBL-TGA-MATT'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.03185	118.1335	'DBL-TGA-MATT'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'EL RENO - ROMAN NOSE 138KV CKT 1'	153	0.03888	111.9944	'DBL-TGA-MATT'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'ROMAN NOSE - SOUTHARD 138KV CKT 1'	153	0.03888	116.7418	'DBL-TGA-MATT'	
FDNS	01G11_05	0	13G	G11_051	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.09268	148.4205	'DBL-TGA-MATT'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03848	115.7701	'DBL-SPRVL-MU'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03848	115.9032	'DBL-MUL-RENO'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03718	108.5539	'SPP-AEPW-01'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03664	114.595	'SPP-SWPS-02'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03664	119.7903	'SPP-SWPS-02A'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03663	120.5459	'SPP-SWPS-03'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03784	112.9039	'WRTOD400'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	112.8863	'GEN303006 1-1BC2 U1'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	113.5457	'GEN303007 1-1BC2 U2'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	113.5589	'GEN335206 1-NELSON UNIT 6'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	115.9171	'GEN335831 1-RIVERBEND UNIT#1'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	117.4809	'GEN336153 1-WATERFORD UNIT#3'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	114.8109	'GEN337652 1-WHITE BLUFF UNIT #1'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	114.9569	'GEN337653 1-WHITE BLUFF UNIT #2'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	114.3915	'GEN338143 1-INDEPENDENCE UNIT #1'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	114.4576	'GEN338146 1-INDEPENDENCE UNIT #2'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	113.4877	'GEN338388 1-1PLUM PT U1 23.000'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	114.8231	'GEN501801 1-DOLET HILLS UNIT1'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	113.3949	'GEN501812 1-RODEMACHER UNIT 2'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	113.9773	'GEN501813 1-RODEMACHER UNIT 3'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	114.2308	'GEN509394 1-FLINT CREEK'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	115.3812	'GEN509403 1-PIRKEY GENERATION'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	114.4967	'GEN509404 1-WELSH #1'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	114.4968	'GEN509405 1-WELSH #2'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	114.4971	'GEN509406 1-WELSH #3'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	115.245	'GEN509416 1-TURK GENERATION'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	114.0531	'GEN511840 1-NORTHEASTERN STATION #3'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	113.9877	'GEN511841 1-NORTHEASTERN STATION #4'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	113.4777	'GEN512688 2-GRDA1 GSU2 22'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	113.6104	'GEN512689 1-GRDA1 GSU1 22'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	118.5519	'GEN514805 1-SOONER UNIT 1'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	116.1179	'GEN514806 1-SOONER UNIT 2'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	113.0331	'GEN515042 1-SEMINOLE 3G'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	114.3041	'GEN515223 1-MUSKOGEE 4G'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	114.3053	'GEN515225 1-MUSKOGEE 5G'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	114.7048	'GEN515226 1-MUSKOGEE 6G'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	102.5896	'GEN515365 1-CENT 21 34.500'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	119.2236	'GEN515389 1-TLGAWND1 34.500'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	103.1975	'GEN515393 1-OGEWND2G'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	105.6264	'GEN515397 1-OUSPRT 1 34.500'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	134.6573	'GEN515787 1-OKLA WIND ENERGY CENTER'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	128.4075	'GEN520922 1-SLEEPING BEAR'	
FDNS	01G11_05	0	13G	G11_051	'FROM->TO	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.03774	100.5127	'GEN520922 1-SLEEPING BEAR'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	114.6209	'GEN520947 1-HUGO1'	
FDNS	01G11_05	0	13G	G11_051	"TO->FROM	'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	113.8481	'GEN521120 1-BUFBEAR2'	

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	107.6014	'GEN525561 1-TOLK GEN #1 24 KV'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	107.4754	'GEN525562 1-TOLK GEN #2 24 KV'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	106.2644	'GEN531447 1-HOLCOMB GENERATOR'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	105.9497	'GEN560221 1-G07-62-1 0.6900'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	105.9497	'GEN560222 1-G07-62-2 0.6900'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	105.9983	'GEN560223 1-G07-62-3 0.6900'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	105.9983	'GEN560224 1-G07-62-4 0.6900'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	103.2098	'GEN562023 1-G11_020_3 0.6900'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	103.2098	'GEN562026 1-G11_019_3 0.6900'
	FDNS	01G11_05		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	107.8378	'GEN659118 1-LARAMIE RIVER UNIT1'
	FNSL	01G11_05		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	118.1032	'GEN336821 1-GRAND GULF UNIT'
	FNSL	01G11_05		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	115.603	'GEN337910 1-ARKANSAS NUCLEAR ONE UNIT #1'
	FNSL	01G11_05		0	13G	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.03774	116.5518	'GEN337911 1-ARKANSAS NUCLEAR ONE UNIT #2'
	FDNS	00NR		0	23SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0504	108.466	'GEN520997 1-MORLND2'
	FDNS	00NR		0	23SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0504	110.7122	'GEN520998 1-MORLND3'
	FDNS	00NR		0	23SP	G11_051	'TO->FROM'CHISHOLM - MAIZEE 4 138.00 138KV CKT 1'	382	0.03401	107.2417	'BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		0	23SP	G11_051	'FROM->TO'EVANS ENERGY CENTER NORTH - MAIZEW 4 13	382	0.03401	112.1449	'BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		0	23SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05678	106.2279	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	00NR		0	13SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.06072	107.9911	'DEWEY - IODINE 138KV CKT 1'
	FDNS	00NR		0	13SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.06072	108.7696	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	00NR		0	13SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.11734	137.4065	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	00NR		0	13SP	G11_051	'FROM->TO'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03552	104.1448	'BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		0	13SP	G11_051	'FROM->TO'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03552	101.0005	'BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		0	13SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.05774	111.6758	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	00NR		0	13SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.0594	110.6679	'DBL-WICH-THI'
	FDNS	00NR		0	13SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.11734	166.0696	'DBL-TGA-MATT'
	FDNS	00NR		0	13SP	G11_051	'TO->FROM'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.03975	111.1849	'DBL-TGA-MATT'
	FDNS	00NR		0	13SP	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.11734	110.5437	'DBL-TGA-MATT'
	FDNS	00NR		0	13SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.05127	111.4696	'GEN520997 1-MORLND2'
	FDNS	00NR		0	13SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.05127	113.309	'GEN520998 1-MORLND3'
	FDNS	00NR		0	13WP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.05265	100.2622	'ELK CITY 230KV - SWEETWATER 230KV CKT 1'
	FDNS	00NR		0	13WP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.05957	108.8693	'DEWEY - IODINE 138KV CKT 1'
	FDNS	00NR		0	13WP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.05957	109.7074	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	00NR		0	13WP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.11516	141.3025	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	00NR		0	13WP	G11_051	'TO->FROM'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.04156	107.2699	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	00NR		0	13WP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.05265	102.0923	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1'
	FDNS	00NR		0	13WP	G11_051	'FROM->TO'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03644	102.2562	'BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		0	13WP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.05265	100.2484	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
	FDNS	00NR		0	13WP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.05652	112.2312	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	00NR		0	13WP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.0582	111.9637	'DBL-WICH-THI'
	FDNS	00NR		0	13WP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.06555	101.222	'DBL-THIS-WWR'
	FDNS	00NR		0	13WP	G11_051	'TO->FROM'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0969	100	'DBL-TGA-MATT'
	FDNS	00NR		0	13WP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.11516	167.4533	'DBL-TGA-MATT'
	FDNS	00NR		0	13WP	G11_051	'TO->FROM'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.04156	120.4184	'DBL-TGA-MATT'
	FDNS	00NR		0	13WP	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.11516	111.5499	'DBL-TGA-MATT'
	FDNS	00NR		0	13WP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.05269	102.8982	'SPP-SWPS-03'
	FDNS	00NR		0	13WP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.05013	111.8335	'GEN520997 1-MORLND2'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME
	FDNS	00NR		0	13WP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.05013	113.6875	'GEN520998 1-MORLND3'
	FDNS	00NR		0	18SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05214	107.7841	'BASE CASE'
	FDNS	00NR		0	18SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05877	108.8103	'WOODWARD - WOODWARD 69KV CKT 1'
	FDNS	00NR		0	18SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06219	118.9437	'DEWEY - IODINE 138KV CKT 1'
	FDNS	00NR		0	18SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06219	120.1937	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	00NR		0	18SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06405	107.2604	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	00NR		0	18SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06405	107.2604	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	00NR		0	18SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05459	104.5898	'BORDER 7345.00 - TUCO INTERCHANGE 345KV CKT 1'
	FDNS	00NR		0	18SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05344	100.4892	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'
	FDNS	00NR		0	18SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05214	101.1567	'GEN514805 1-SOONER UNIT 1'
	FDNS	00NR		0	18SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05214	126.8882	'GEN520997 1-MORLND2'
	FDNS	00NR		0	18SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05214	129.1042	'GEN520998 1-MORLND3'
	FDNS	00NR		0	18SP	G11_051	'TO->FROM'CHISHOLM - MAIZEE 4 138.00 138KV CKT 1'	382	0.0357	105.7478	'BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		0	18SP	G11_051	'FROM->TO'EVANS ENERGY CENTER NORTH - MAIZEW 4 13	382	0.0357	110.1056	'BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		0	18SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0542	100.738	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	00NR		0	18SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0542	100.738	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	00NR		0	18SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05244	101.0833	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
	FDNS	00NR		0	18SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05289	104.2686	'WOODRING (WOODRNG2) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	00NR		0	18SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05877	129.418	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	00NR		0	18SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05988	120.142	'DBL-WICH-THI'
	FDNS	00NR		0	18SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.06692	108.7483	'DBL-THIS-WWR'
	FDNS	00NR		0	18SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.11944	172.3436	'DBL-TGA-MATT'
	FDNS	00NR		0	18SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05299	101.8499	'DBL-SPRVL-MU'
	FDNS	00NR		0	18SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.05299	101.9039	'DBL-MUL-RENO'
	FDNS	00NR		0	18SP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	153	0.0538	100.4403	'SPP-SWPS-03'
	FDNS	00NR		0	18WP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.06072	105.8343	'DEWEY - IODINE 138KV CKT 1'
	FDNS	00NR		0	18WP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.06072	106.6114	'IODINE - WOODWARD EHV 138KV CKT 1'
	FDNS	00NR		0	18WP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.11734	134.3694	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	00NR		0	18WP	G11_051	'FROM->TO'WICHITA (WICHT12X) 345/138/13.8KV TRANSFO	440	0.03553	102.8545	'BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		0	18WP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.05774	109.5838	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
	FDNS	00NR		0	18WP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.0594	108.5254	'DBL-WICH-THI'
	FDNS	00NR		0	18WP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.11734	163.7662	'DBL-TGA-MATT'
	FDNS	00NR		0	18WP	G11_051	'TO->FROM'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.03976	111.1396	'DBL-TGA-MATT'
	FDNS	00NR		0	18WP	G11_051	'FROM->TO'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.11734	109.0178	'DBL-TGA-MATT'
	FDNS	00NR		0	18WP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.05127	109.7174	'GEN520997 1-MORLND2'
	FDNS	00NR		0	18WP	G11_051	'TO->FROM'FPL SWITCH - WOODWARD 138KV CKT 1'	185	0.05127	111.5463	'GEN520998 1-MORLND3'
NCONV	FNSL-Itera	07ALL		0	13G	G11_054	Non-Coverged Contingency	0	0.04767	9999	'SPP-SWPS-02'
	FDNS	01ALL		0	13G	G11_054	'FROM->TO'CIMARRON (CIMARON2) 345/138/13.8KV TRANS	493	0.08318	102.0029	'CIMARRON (CIMARON1) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	01ALL		0	13G	G11_054	'FROM->TO'CIMARRON (CIMARON1) 345/138/13.8KV TRANS	493	0.08418	102.9526	'CIMARRON (CIMARON2) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	01G11_05		0	13G	G11_054	'FROM->TO'CIMARRON (CIMARON1) 345/138/13.8KV TRANS	493	0.08405	100.463	'CIMARRON (CIMARON2) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	00NR		0	13SP	G11_054	'FROM->TO'CIMARRON (CIMARON2) 345/138/13.8KV TRANS	493	0.08296	102.4669	'CIMARRON (CIMARON1) 345/138/13.8KV TRANSFORMER CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOAD	CONTNAME
	FDNS	00NR		0	13SP	G11_054	'FROM->TCIMARRON (CIMARON1) 345/138/13.8KV TRANS	493	0.084	100.5169	'CIMARRON (CIMARON2) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	00NR		0	13SP	G11_054	'FROM->TCIMARRON (CIMARON1) 345/138/13.8KV TRANS	493	0.084	103.4783	'CIMARRON (CIMARON2) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	00NR		0	13WP	G11_054	'FROM->TCIMARRON (CIMARON2) 345/138/13.8KV TRANS	493	0.08233	102.1872	'CIMARRON (CIMARON1) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	00NR		0	13WP	G11_054	'FROM->TCIMARRON (CIMARON1) 345/138/13.8KV TRANS	493	0.08332	100.0969	'CIMARRON (CIMARON2) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	00NR		0	13WP	G11_054	'FROM->TCIMARRON (CIMARON1) 345/138/13.8KV TRANS	493	0.08332	103.1417	'CIMARRON (CIMARON2) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	00NR		0	18WP	G11_054	'FROM->TCIMARRON (CIMARON2) 345/138/13.8KV TRANS	493	0.08296	102.3707	'CIMARRON (CIMARON1) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	00NR		0	18WP	G11_054	'FROM->TCIMARRON (CIMARON1) 345/138/13.8KV TRANS	493	0.084	100.3404	'CIMARRON (CIMARON2) 345/138/13.8KV TRANSFORMER CKT 1'
	FDNS	00NR		0	18WP	G11_054	'FROM->TCIMARRON (CIMARON1) 345/138/13.8KV TRANS	493	0.084	103.3766	'CIMARRON (CIMARON2) 345/138/13.8KV TRANSFORMER CKT 1'
NCONV	FNSL-Blow	03ALL		0	13G	G11_055	Non-Coverged Contingency	0	0.04724	9999	'DBL-THIS-CLR'
NCONV	FNSL-Blow	03ALL		0	13G	G11_055	Non-Coverged Contingency	0	0.03532	9999	'DBL-TGA-MATT'
	FDNS	00G11_05		0	13SP	G11_055	'FROM->TCIMARRON (CIMARON1) 345/138/13.8KV TRANS	47	1	108.9092	'SUB 968 - SUB 969 69KV CKT 1'
	FDNS	00G11_05		0	13SP	G11_055	'TO->FROM'SUB 968 - SUB 969 69KV CKT 1'	47	1	107.7345	'SUB 969 - SUB 974 69KV CKT 1'
	FDNS	00G11_05		0	13SP	G11_055	'FROM->TCIMARRON (CIMARON2) 345/138/13.8KV TRANS	47	1	108.816	'S968LINBUS'
	FDNS	00G11_05		0	13WP	G11_055	'FROM->TCIMARRON (CIMARON1) 345/138/13.8KV TRANS	47	1	109.1465	'SUB 968 - SUB 969 69KV CKT 1'
	FDNS	00G11_05		0	13WP	G11_055	'TO->FROM'SUB 968 - SUB 969 69KV CKT 1'	47	1	107.8893	'SUB 969 - SUB 974 69KV CKT 1'
	FDNS	00G11_05		0	13WP	G11_055	'FROM->TCIMARRON (CIMARON2) 345/138/13.8KV TRANS	47	1	108.875	'S968LINBUS'
	FDNS	00G11_05		0	18SP	G11_055	'TO->FROM'NEB CITY U SYR SUB - SUB 970 69KV CKT 1'	47	0.1798	100.419	'SUB 963 - SUB 977 69KV CKT 1'
	FDNS	00G11_05		0	18SP	G11_055	'FROM->TCIMARRON (CIMARON1) 345/138/13.8KV TRANS	47	1	110.1047	'SUB 968 - SUB 969 69KV CKT 1'
	FDNS	00G11_05		0	18SP	G11_055	'TO->FROM'SUB 968 - SUB 969 69KV CKT 1'	47	1	108.956	'SUB 969 - SUB 974 69KV CKT 1'
	FDNS	00G11_05		0	18SP	G11_055	'FROM->TCIMARRON (CIMARON2) 345/138/13.8KV TRANS	47	1	110.1256	'S968LINBUS'
	FDNS	00G11_05		0	18WP	G11_055	'FROM->TCIMARRON (CIMARON1) 345/138/13.8KV TRANS	47	1	108.8651	'SUB 968 - SUB 969 69KV CKT 1'
	FDNS	00G11_05		0	18WP	G11_055	'TO->FROM'SUB 968 - SUB 969 69KV CKT 1'	47	1	107.7141	'SUB 969 - SUB 974 69KV CKT 1'
	FDNS	00G11_05		0	18WP	G11_055	'FROM->TCIMARRON (CIMARON2) 345/138/13.8KV TRANS	47	1	108.7712	'S968LINBUS'
	FDNS	03ALL		0	13G	G11_055	'TO->FROM'BENTON - WICHITA 345KV CKT 1'	932	0.04436	110.6803	'HUNTERS7 345.00 - WOODRING 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_055	'TO->FROM'BENTON - WICHITA 345KV CKT 1'	932	0.04436	108.4213	'HUNTERS7 345.00 - VIOLA 7 345.00 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_055	'TO->FROM'BENTON - WICHITA 345KV CKT 1'	932	0.04436	104.0136	'VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03ALL		0	13G	G11_055	'TO->FROM'BENTON - WICHITA 345KV CKT 1'	932	0.03802	100.357	'DBL-THIS-WWR'
	FDNS	09ALL		0	13G	G11_055	'FROM->TCIMARRON (CIMARON1) 345/138/13.8KV TRANS	47	1	102.0761	'SUB 967 - SUB 968 69KV CKT 1'
	FDNS	09ALL		0	13G	G11_055	'FROM->TCIMARRON (CIMARON2) 345/138/13.8KV TRANS	47	1	111.4186	'SUB 968 - SUB 969 69KV CKT 1'
	FDNS	09ALL		0	13G	G11_055	'TO->FROM'SUB 967 - SUB 968 69KV CKT 1'	47	1	101.0671	'SUB 969 - SUB 974 69KV CKT 1'
	FDNS	09ALL		0	13G	G11_055	'TO->FROM'SUB 968 - SUB 969 69KV CKT 1'	47	1	110.407	'SUB 969 - SUB 974 69KV CKT 1'
	FDNS	09ALL		0	13G	G11_055	'FROM->TCIMARRON (CIMARON1) 345/138/13.8KV TRANS	47	1	111.4328	'S968LINBUS'
	FDNS	00G11_05		0	23SP	G11_055	'FROM->TCIMARRON (CIMARON2) 345/138/13.8KV TRANS	47	0.39575	102.8639	'FIRTH - SHELDON 115KV CKT 1'
	FDNS	00G11_05		0	23SP	G11_055	'TO->FROM'NEB CITY U SYR SUB - SUB 970 69KV CKT 1'	47	0.17989	102.587	'NEB CITY U SUB 903 - SUB 977 69KV CKT 1'
	FDNS	00G11_05		0	23SP	G11_055	'TO->FROM'NEB CITY U SYR SUB - SUB 970 69KV CKT 1'	47	0.17989	103.9298	'SUB 963 - SUB 977 69KV CKT 1'
	FDNS	00G11_05		0	23SP	G11_055	'FROM->TCIMARRON (CIMARON1) 345/138/13.8KV TRANS	47	1	110.0552	'SUB 968 - SUB 969 69KV CKT 1'
	FDNS	00G11_05		0	23SP	G11_055	'TO->FROM'SUB 968 - SUB 969 69KV CKT 1'	47	1	108.9056	'SUB 969 - SUB 974 69KV CKT 1'
	FDNS	00G11_05		0	23SP	G11_055	'FROM->TCIMARRON (CIMARON2) 345/138/13.8KV TRANS	47	1	110.0768	'S968LINBUS'
	FDNS	09G11_05		0	13G	G11_055	'FROM->TCIMARRON (CIMARON1) 345/138/13.8KV TRANS	47	1	102.0921	'SUB 967 - SUB 968 69KV CKT 1'
	FDNS	09G11_05		0	13G	G11_055	'FROM->TCIMARRON (CIMARON2) 345/138/13.8KV TRANS	47	1	111.4304	'SUB 968 - SUB 969 69KV CKT 1'
	FDNS	09G11_05		0	13G	G11_055	'TO->FROM'SUB 967 - SUB 968 69KV CKT 1'	47	1	101.3327	'SUB 969 - SUB 974 69KV CKT 1'
	FDNS	09G11_05		0	13G	G11_055	'TO->FROM'SUB 968 - SUB 969 69KV CKT 1'	47	1	110.5377	'SUB 969 - SUB 974 69KV CKT 1'
	FDNS	09G11_05		0	13G	G11_055	'FROM->TCIMARRON (CIMARON1) 345/138/13.8KV TRANS	47	1	111.5465	'S968LINBUS'
	FDNS	00NR		0	23SP	G11_055	'FROM->TCIMARRON (CIMARON2) 345/138/13.8KV TRANS	47	0.39809	106.8664	'FIRTH - SHELDON 115KV CKT 1'

EVENTTYPE	SOLUTION	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONTCOMMONNAME	RATEB	TDF	TC%LOADI	CONTNAME	
FDNS		00NR		0	23SP	G11_055	'TO->FROM'	'NEB CITY U SYR SUB - SUB 970 69KV CKT 1'	47	0.19663	101.7692	'SUB 963 - WEST BROCK 69KV CKT 1'
FDNS		00NR		0	23SP	G11_055	'TO->FROM'	'HYDROCARBON TAP - SUB 974 69KV CKT 1'	57	0.18613	108.2811	'NEB CITY U SUB 903 - SUB 977 69KV CKT 1'
FDNS		00NR		0	23SP	G11_055	'TO->FROM'	'NEB CITY U SYR SUB - SUB 970 69KV CKT 1'	47	0.18613	114.5319	'NEB CITY U SUB 903 - SUB 977 69KV CKT 1'
FDNS		00NR		0	23SP	G11_055	'TO->FROM'	'HYDROCARBON TAP - SUB 974 69KV CKT 1'	57	0.18613	109.3681	'SUB 963 - SUB 977 69KV CKT 1'
FDNS		00NR		0	23SP	G11_055	'TO->FROM'	'NEB CITY U SYR SUB - SUB 970 69KV CKT 1'	47	0.18613	115.7838	'SUB 963 - SUB 977 69KV CKT 1'
FDNS		00NR		0	23SP	G11_055	'FROM->TO'	'SUB 969 - SUB 974 69KV CKT 1'	47	1	110.0596	'SUB 968 - SUB 969 69KV CKT 1'
FDNS		00NR		0	23SP	G11_055	'TO->FROM'	'SUB 968 - SUB 969 69KV CKT 1'	47	1	108.8345	'SUB 969 - SUB 974 69KV CKT 1'
FDNS		00NR		0	23SP	G11_055	'FROM->TO'	'SUB 969 - SUB 974 69KV CKT 1'	47	1	110.0656	'S968LINBUS'
FDNS		00NR		0	13SP	G11_055	'FROM->TO'	'SUB 969 - SUB 974 69KV CKT 1'	47	0.39746	100.6319	'FIRTH - SHELDON 115KV CKT 1'
FDNS		00NR		0	13SP	G11_055	'TO->FROM'	'NEB CITY U SYR SUB - SUB 970 69KV CKT 1'	47	0.18386	103.6727	'NEB CITY U SUB 903 - SUB 977 69KV CKT 1'
FDNS		00NR		0	13SP	G11_055	'TO->FROM'	'NEB CITY U SYR SUB - SUB 970 69KV CKT 1'	47	0.18386	105.3889	'SUB 963 - SUB 977 69KV CKT 1'
FDNS		00NR		0	13SP	G11_055	'FROM->TO'	'SUB 969 - SUB 974 69KV CKT 1'	47	1	108.9548	'SUB 968 - SUB 969 69KV CKT 1'
FDNS		00NR		0	13SP	G11_055	'TO->FROM'	'SUB 968 - SUB 969 69KV CKT 1'	47	1	107.6564	'SUB 969 - SUB 974 69KV CKT 1'
FDNS		00NR		0	13SP	G11_055	'FROM->TO'	'SUB 969 - SUB 974 69KV CKT 1'	47	1	108.8654	'S968LINBUS'
FDNS		00NR		0	13WP	G11_055	'TO->FROM'	'NEB CITY U SYR SUB - SUB 970 69KV CKT 1'	47	0.1843	100.771	'SUB 963 - SUB 977 69KV CKT 1'
FDNS		00NR		0	13WP	G11_055	'FROM->TO'	'SUB 969 - SUB 974 69KV CKT 1'	47	1	108.979	'SUB 968 - SUB 969 69KV CKT 1'
FDNS		00NR		0	13WP	G11_055	'TO->FROM'	'SUB 968 - SUB 969 69KV CKT 1'	47	1	107.8271	'SUB 969 - SUB 974 69KV CKT 1'
FDNS		00NR		0	13WP	G11_055	'FROM->TO'	'SUB 969 - SUB 974 69KV CKT 1'	47	1	109.0789	'S968LINBUS'
FDNS		00NR		0	18SP	G11_055	'FROM->TO'	'SUB 969 - SUB 974 69KV CKT 1'	47	0.39802	101.5893	'FIRTH - SHELDON 115KV CKT 1'
FDNS		00NR		0	18SP	G11_055	'TO->FROM'	'HYDROCARBON TAP - SUB 974 69KV CKT 1'	57	0.18588	102.0522	'NEB CITY U SUB 903 - SUB 977 69KV CKT 1'
FDNS		00NR		0	18SP	G11_055	'TO->FROM'	'NEB CITY U SYR SUB - SUB 970 69KV CKT 1'	47	0.18588	108.5212	'NEB CITY U SUB 903 - SUB 977 69KV CKT 1'
FDNS		00NR		0	18SP	G11_055	'TO->FROM'	'HYDROCARBON TAP - SUB 974 69KV CKT 1'	57	0.18588	103.1685	'SUB 963 - SUB 977 69KV CKT 1'
FDNS		00NR		0	18SP	G11_055	'TO->FROM'	'NEB CITY U SYR SUB - SUB 970 69KV CKT 1'	47	0.18588	109.8491	'SUB 963 - SUB 977 69KV CKT 1'
FDNS		00NR		0	18SP	G11_055	'FROM->TO'	'SUB 969 - SUB 974 69KV CKT 1'	47	1	110.0931	'SUB 968 - SUB 969 69KV CKT 1'
FDNS		00NR		0	18SP	G11_055	'TO->FROM'	'SUB 968 - SUB 969 69KV CKT 1'	47	1	108.8592	'SUB 969 - SUB 974 69KV CKT 1'
FDNS		00NR		0	18SP	G11_055	'FROM->TO'	'SUB 969 - SUB 974 69KV CKT 1'	47	1	110.1175	'S968LINBUS'
FDNS		00NR		0	18WP	G11_055	'FROM->TO'	'SUB 969 - SUB 974 69KV CKT 1'	47	0.39762	100.7071	'FIRTH - SHELDON 115KV CKT 1'
FDNS		00NR		0	18WP	G11_055	'TO->FROM'	'NEB CITY U SYR SUB - SUB 970 69KV CKT 1'	47	0.18421	103.2546	'NEB CITY U SUB 903 - SUB 977 69KV CKT 1'
FDNS		00NR		0	18WP	G11_055	'TO->FROM'	'NEB CITY U SYR SUB - SUB 970 69KV CKT 1'	47	0.18421	104.5781	'SUB 963 - SUB 977 69KV CKT 1'
FDNS		00NR		0	18WP	G11_055	'FROM->TO'	'SUB 969 - SUB 974 69KV CKT 1'	47	1	108.9646	'SUB 968 - SUB 969 69KV CKT 1'
FDNS		00NR		0	18WP	G11_055	'TO->FROM'	'SUB 968 - SUB 969 69KV CKT 1'	47	1	107.6494	'SUB 969 - SUB 974 69KV CKT 1'
FDNS		00NR		0	18WP	G11_055	'FROM->TO'	'SUB 969 - SUB 974 69KV CKT 1'	47	1	108.8755	'S968LINBUS'
NCONV	FNSL-ltera	00G11_05		0	13WP	G11_056		Non-Coverged Contingency	480	0.03953	40.26088	'STEGALL - STEGALL TY 345KV CKT 1'
NCONV	FNSL-ltera	00G11_05		0	13WP	G11_056		Non-Coverged Contingency	0	0.1186	9999	'TRF-STEGALL'
NCONV	FNSL-ltera	00G11_05		0	13WP	G11_056		Non-Coverged Contingency	0	0.07906	9999	'NEB01WAPAB3'
NCONV		09G11_05		0	13G	G11_056		Non-Converged Contingency	480	0.04038	53.67063	'STEGALL - STEGALL TRANSFORMER 230KV CKT 1'
NCONV		09G11_05		0	13G	G11_056		Non-Converged Contingency	480	0.04038	55.87563	'STEGALL TY 345/230KV TRANSFORMER CKT 1'
NCONV	FNSL-ltera	09G11_05		0	13G	G11_056		Non-Converged Contingency	480	0.04038	54.9277	'STEGALL - STEGALL TY 345KV CKT 1'
NCONV	FNSL-ltera	09G11_05		0	13G	G11_056		Non-Converged Contingency	0	0.12113	9999	'TRF-STEGALL'
FDNS		00G11_05		0	13WP	G11_057	'FROM->TO'	'LAWEASOKLUNI'	425	0.0319	104.9	'BASE CASE'
FDNS		01ALL		0	13G	G11_057	'TO->FROM'	'BARTLESVILLE COMANCHE - MOUND ROAD 138K	131	0.03342	104.8883	'COFFEYVILLE FARMLAND - DELAWARE 138KV CKT 1'
FDNS		01ALL		0	13G	G11_057	'TO->FROM'	'BARTLESVILLE COMANCHE - MOUND ROAD 138K	131	0.03342	104.8216	'DELAWARE (DELAWARE) 345/138/13.8KV TRANSFORMER CKT 1'

I: Power Flow Analysis (Category “C” Contingencies)

Available upon request

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING		CONTINGENCY
								(MVA)	TDF	(%MVA)		
NCONV	FNSL-Blown up	0		2	23SP		'CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1 &CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1'	0	0.0714	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00ASGI_11_04		2	23SP		'CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1 &CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1'	0	0.0714	9999	'BASE CASE'	
NCONV	FNSL-Blown up	0		2	23SP		'KCPL-C3'	0	0.1482	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00G10_044		2	13SP		'KCPL-C3'	0	0.1355	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00G10_044		2	18SP		'KCPL-C3'	0	0.157	9999	'BASE CASE'	
NCONV	FNSL-Blown up	09G10_044		2	13G		'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	0	0.0335	9999	'BASE CASE'	
NCONV	FNSL-Blown up	03G10_061		2	13G		'CLARKCOUNTY7345.00 - SPEARVILLE 345KV CKT 1 &CLARKCOUNTY7345.00 - G11-008 345.00 345KV CKT 1'	0	0.134	9999	'BASE CASE'	
NCONV	FNSL-Blown up	03G10_061		2	13G		'CLARKCOUNTY7345.00 - SPEARVILLE 345KV CKT 2 &CLARKCOUNTY7345.00 - G11-008 345.00 345KV CKT 1'	0	0.134	9999	'BASE CASE'	
NCONV	FNSL-Blown up	03G10_061		2	13G		'CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 1 &CLARKCOUNTY7345.00 - G11-008 345.00 345KV CKT 1'	0	0.134	9999	'BASE CASE'	
NCONV	FNSL-Blown up	03G10_061		2	13G		'CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 2 &CLARKCOUNTY7345.00 - G11-008 345.00 345KV CKT 1'	0	0.134	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00G10_061		2	18WP		'G10_061_1 345.00 - G11-17T 345.00 345KV CKT 1 &G11-17T 345.00 - G11_017_1 345.00 345KV CKT 1'	0	1	9999	'BASE CASE'	
NCONV	FNSL-Blown up	03G10_061		2	13G		'G10_061_1 345.00 - G11-17T 345.00 345KV CKT 1 &G11-17T 345.00 - G11_017_1 345.00 345KV CKT 1'	0	1	9999	'BASE CASE'	
NCONV	FNSL-Blown up	03G10_061		2	13G		'G11-17T 345.00 - POST ROCK 345KV CKT 1 &G11-17T 345.00 - G11_017_1 345.00 345KV CKT 1'	0	0.24	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00G10_061		2	13SP		'G11-17T 345.00 - POST ROCK 345KV CKT 1 &G11-17T 345.00 - SPEARVILLE 345KV CKT 1'	0	1	9999	'BASE CASE'	
NCONV	FNSL-Blown up	0		2	23SP		'HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 &JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1'	0	0.0434	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00G10_061		2	23SP		'HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 &JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1'	0	0.0432	9999	'BASE CASE'	
NCONV	FNSL-Blown up	03G10_061		2	13G		'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &G08-92 230.00 - KNOLL 230 230KV CKT 1'	0	0.0526	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00G10_061		2	13WP		'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMKYP1 6 230.00 - SMOKYHL6 230.00 230KV CKT 1'	0	0.0507	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00G10_061		2	18WP		'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMKYP1 6 230.00 - SMOKYHL6 230.00 230KV CKT 1'	0	0.0508	9999	'BASE CASE'	
NCONV	FNSL-Blown up	0		2	13SP		'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	0	0.1014	9999	'BASE CASE'	
NCONV	FNSL-Blown up	0		2	13WP		'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	0	0.1014	9999	'BASE CASE'	
NCONV	FNSL-Blown up	0		2	18WP		'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	0	0.1018	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00G10_061		2	13SP		'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	0	0.1012	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00G10_061		2	13WP		'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	0	0.1013	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00G10_061		2	18WP		'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	0	0.1016	9999	'BASE CASE'	
NCONV	FNSL-Blown up	03G10_061		2	13G		'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	0	0.1053	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00G10_061		2	18SP		'MIDW-CATD02B'	0	0.0648	9999	'BASE CASE'	
NCONV	FNSL-Blown up	03G10_061		2	13G		'MIDW-CATD02B'	0	0.0643	9999	'BASE CASE'	
NCONV	FNSL-Blown up	03G10_061		2	13G		'POSTROCK6 230.00 - SOUTH HAYS 230KV CKT 1 &G09-08 230.00 - SOUTH HAYS 230KV CKT 1'	0	0.0321	9999	'BASE CASE'	
NCONV	FNSL-Blown up	03G10_061		2	13G		'POSTROCK6 230.00 - SOUTH HAYS 230KV CKT 1 &HAYS WIND - SOUTH HAYS 230KV CKT 1'	0	0.0321	9999	'BASE CASE'	
NCONV	FNSL-Blown up	0		2	18WP		'SMKYP1 6 230.00 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	0	0.0509	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00G10_061		2	13SP		'SMKYP1 6 230.00 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	0	0.0506	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00G10_061		2	18WP		'SMKYP1 6 230.00 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	0	0.0508	9999	'BASE CASE'	
NCONV	FNSL-Blown up	03G10_061		2	13G		'SMKYP1 6 230.00 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	0	0.0526	9999	'BASE CASE'	

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING		CONTINGENCY
								(MVA)	TDF	(%MVA)		
NCONV	FNSL-Blown up	03NR		3	13G	G10_061	'CLARKCOUNTY7345.00 - SPEARVILLE 345KV CKT 1 &CLARKCOUNTY7345.00 - G11-008 345.00 345KV CKT 1'	0	0.0357	9999	'BASE CASE'	
NCONV	FNSL-Blown up	03NR		3	13G	G10_061	'CLARKCOUNTY7345.00 - SPEARVILLE 345KV CKT 2 &CLARKCOUNTY7345.00 - G11-008 345.00 345KV CKT 1'	0	0.0357	9999	'BASE CASE'	
NCONV	FNSL-Blown up	03NR		3	13G	G10_061	'CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 1 &CLARKCOUNTY7345.00 - G11-008 345.00 345KV CKT 1'	0	0.0357	9999	'BASE CASE'	
NCONV	FNSL-Blown up	03NR		3	13G	G10_061	'CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 1 &CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 2'	0	0.0714	9999	'BASE CASE'	
NCONV	FNSL-Blown up	03NR		3	13G	G10_061	'CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 2 &CLARKCOUNTY7345.00 - G11-008 345.00 345KV CKT 1'	0	0.0357	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00NR		3	13SP	G10_061	'G10_061_1 345.00 - G11-17T 345.00 345KV CKT 1 &G11-17T 345.00 - G11_017_1 345.00 345KV CKT 1'	0	1	9999	'BASE CASE'	
NCONV	FNSL-Blown up	03NR		3	13G	G10_061	'G10_061_1 345.00 - G11-17T 345.00 345KV CKT 1 &G11-17T 345.00 - G11_017_1 345.00 345KV CKT 1'	0	1	9999	'BASE CASE'	
NCONV	FNSL-Blown up	03NR		3	13G	G10_061	'G11-17T 345.00 - POST ROCK 345KV CKT 1 &G11-17T 345.00 - G11_017_1 345.00 345KV CKT 1'	0	0.1581	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00NR		3	13WP	G10_061	'G11-17T 345.00 - POST ROCK 345KV CKT 1 &G11-17T 345.00 - SPEARVILLE 345KV CKT 1'	0	1	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00NR		3	18SP	G10_061	'G11-17T 345.00 - POST ROCK 345KV CKT 1 &G11-17T 345.00 - SPEARVILLE 345KV CKT 1'	0	1	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00NR		3	18WP	G10_061	'G11-17T 345.00 - POST ROCK 345KV CKT 1 &G11-17T 345.00 - SPEARVILLE 345KV CKT 1'	0	1	9999	'BASE CASE'	
NCONV	FNSL-Blown up	03NR		3	13G	G10_061	'KNOLL 230 - POSTROCK6 230.00 230KV CKT 1 &G08-92 230.00 - KNOLL 230 230KV CKT 1'	0	0.0429	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00NR		3	13SP	G10_061	'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	0	0.0477	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00NR		3	18WP	G10_061	'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	0	0.0477	9999	'BASE CASE'	
NCONV	FNSL-Blown up	03NR		3	13G	G10_061	'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	0	0.0467	9999	'BASE CASE'	
NCONV	FNSL-Blown up	03NR		3	13G	G10_061	'MIDW-CATD02B'	0	0.0837	9999	'BASE CASE'	
NCONV	FNSL-Singular jacobian or 0.0	03G11_043		2	13G	G11_043	'ROSE HILL - WOLF CREEK 345KV CKT 1 &ANDERSONCO 345.00 - WOLF CREEK 345KV CKT 1'	0	0.0381	9999	'BASE CASE'	
NCONV	FNSL-Singular jacobian or 0.0	03G11_044		2	13G	G11_044	'ROSE HILL - WOLF CREEK 345KV CKT 1 &ANDERSONCO 345.00 - WOLF CREEK 345KV CKT 1'	0	0.0381	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00G11_045		2	18WP	G11_045	'GRASSLAND INTERCHANGE - Jones Station Bus#2 230KV CKT 1 &GRASSLAND INTERCHANGE - WOLFFORTH INTERCHANGE 230KV CKT 1'	0	0.1383	9999	'BASE CASE'	
NCONV	FNSL-Blown up	06G11_046		2	13G	G11_046	'CHAVES COUNTY INTERCHANGE - SAN JUAN MESA TAP 230KV CKT 1 &CHAVES COUNTY INTERCHANGE - EDDY_NORTH 6230.00 230KV CKT 1'	0	0.1999	9999	'BASE CASE'	
NCONV	FNSL-Blown up	06NR		3	13G	G11_046	'CHAVES COUNTY INTERCHANGE - SAN JUAN MESA TAP 230KV CKT 1 &CHAVES COUNTY INTERCHANGE - EDDY_NORTH 6230.00 230KV CKT 1'	0	0.2281	9999	'BASE CASE'	
NCONV	FNSL-Blown up	0		2	23SP	G11_048	'CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1 &CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1'	0	0.0816	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00G11_048		2	23SP	G11_048	'CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1 &CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1'	0	0.0816	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00NR		3	23SP	G11_048	'CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1 &CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1'	0	0.0617	9999	'BASE CASE'	
NCONV	FNSL-Blown up	0		2	23SP	G11_055	'KCPL-C3'	0	0.1912	9999	'BASE CASE'	
NCONV	FNSL-Blown up	09G11_055		2	13G	G11_055	'MIDW-CATD02B'	0	0.0392	9999	'BASE CASE'	
NCONV	FNSL-Blown up	0		2	18SP	G11_056	'BKR-GGS-3304'	0	0.1737	9999	'BASE CASE'	
NCONV	FNSL-Blown up	0		2	18WP	G11_056	'BKR-GGS-3304'	0	0.1724	9999	'BASE CASE'	
NCONV	FNSL-Blown up	0		2	23SP	G11_056	'BKR-GGS-3304'	0	0.1805	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00G11_056		2	13SP	G11_056	'BKR-GGS-3304'	0	0.1699	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00G11_056		2	23SP	G11_056	'BKR-GGS-3304'	0	0.1805	9999	'BASE CASE'	
NCONV	FNSL-Blown up	0		2	23SP	G11_056	'KCPL-C3'	0	0.1155	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00G11_056		2	23SP	G11_056	'KCPL-C3'	0	0.1155	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00G11_056		2	13SP	G11_056	'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMKYP1 6 230.00 - SMOKYHL6 230.00 230KV CKT 1'	0	0.0334	9999	'BASE CASE'	

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING		CONTINGENCY
								(MVA)	TDF	(%MVA)		
NCONV	FNSL-Blown up	00G11_056		2	13WP	G11_056	'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMKYP1 6 230.00 - SMOKYHL6 230.00 230KV CKT 1'	0	0.0362	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00G11_056		2	18WP	G11_056	'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMKYP1 6 230.00 - SMOKYHL6 230.00 230KV CKT 1'	0	0.0336	9999	'BASE CASE'	
NCONV	FNSL-Blown up	0		2	13SP	G11_056	'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	0	0.0669	9999	'BASE CASE'	
NCONV	FNSL-Blown up	0		2	13WP	G11_056	'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	0	0.0725	9999	'BASE CASE'	
NCONV	FNSL-Blown up	0		2	18WP	G11_056	'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	0	0.0672	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00G11_056		2	13SP	G11_056	'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	0	0.0668	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00G11_056		2	13WP	G11_056	'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	0	0.0725	9999	'BASE CASE'	
NCONV	FNSL-Blown up	00G11_056		2	18WP	G11_056	'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	0	0.0672	9999	'BASE CASE'	
NCONV	FNSL-Blown up	09G11_056		2	13G	G11_056	'KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	0	0.0767	9999	'BASE CASE'	
NCONV	FNSL-Blown up	0		2	18WP	G11_056	'SMKYP1 6 230.00 - SMOKYHL6 230.00 230KV CKT 1 &SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	0	0.0336	9999	'BASE CASE'	
FDNS		00ASGI_11_04		2	23SP	ASGI_201_1_004	'TO->FROM' 'BAILEY COUNTY REC-EARTH INTERCHANGE - PLANT X STATION 115KV CKT 1'	160	0.0301	112.6052	'DEAF SMITH COUNTY INTERCHANGE - PLANT X STATION 230KV CKT 1 &BUFFALO 230.00 - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1'	
FDNS		0		2	23SP	ASGI_201_1_004	'TO->FROM' 'BAILEY COUNTY REC-EARTH INTERCHANGE - PLANT X STATION 115KV CKT 1'	160	0.0301	112.3686	'DEAF SMITH COUNTY INTERCHANGE - PLANT X STATION 230KV CKT 1 &BUFFALO 230.00 - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1'	
FDNS		00ASGI_11_04		2	18SP	ASGI_201_1_004	'TO->FROM' 'BAILEY COUNTY REC-EARTH INTERCHANGE - PLANT X STATION 115KV CKT 1'	160	0.0362	104.0876	'DEAF SMITH COUNTY INTERCHANGE - PLANT X STATION 230KV CKT 1 &BUFFALO 230.00 - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1'	
FDNS		0		2	18SP	ASGI_201_1_004	'TO->FROM' 'BAILEY COUNTY REC-EARTH INTERCHANGE - PLANT X STATION 115KV CKT 1'	160	0.0365	101.4687	'DEAF SMITH COUNTY INTERCHANGE - PLANT X STATION 230KV CKT 1 &BUFFALO 230.00 - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1'	
FDNS		0		2	18SP	ASGI_201_1_004	'FROM->TO' 'CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1'	351	0.0306	108.3262	'EDDY COUNTY INTERCHANGE - EDDY_NORTH 6230.00 230KV CKT 1 &CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1'	
FDNS		00ASGI_11_04		2	18SP	ASGI_201_1_004	'FROM->TO' 'CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1'	351	0.0308	106.0303	'EDDY COUNTY INTERCHANGE - EDDY_NORTH 6230.00 230KV CKT 1 &CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1'	
FDNS		0		2	18SP	ASGI_201_1_004	'FROM->TO' 'CUNNINGHAM STATION - SW3H64_V21 3115.00 115KV CKT 1'	160	0.0492	130.5748	'CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1 &CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1'	
FDNS		00ASGI_11_04		2	18SP	ASGI_201_1_004	'FROM->TO' 'CUNNINGHAM STATION - SW3H64_V21 3115.00 115KV CKT 1'	160	0.0494	123.7486	'CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1 &CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1'	
FDNS		0		2	18WP	ASGI_201_1_004	'FROM->TO' 'CUNNINGHAM STATION - SW3H64_V21 3115.00 115KV CKT 1'	177	0.0488	100.6531	'CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1 &CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1'	
FDNS		0		2	13WP	ASGI_201_1_004	'FROM->TO' 'JONES STATION - TUCO INTERCHANGE 230KV CKT 1'	361	0.1104	105.756	'JONES STATION - LUBBOCK SOUTH INTERCHANGE 230KV CKT 1 &Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2'	
FDNS		0		2	13SP	ASGI_201_1_004	'FROM->TO' 'JONES STATION - TUCO INTERCHANGE 230KV CKT 1'	361	0.095	105.6388	'JONES STATION - LUBBOCK SOUTH INTERCHANGE 230KV CKT 1 &Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2'	
FDNS		0		2	18SP	ASGI_201_1_004	'FROM->TO' 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	252	0.0359	131.3651	'Jones Station Bus#2 - LUBBOCK POWER & LIGHT-HOLLY PLANT 230KV CKT 1 &Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'	
FDNS		0		2	18SP	ASGI_201_1_004	'FROM->TO' 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	252	0.0352	128.2173	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1 &JONES STATION - Jones Station Bus#2 230KV CKT 1'	
FDNS		00ASGI_11_04		2	18SP	ASGI_201_1_004	'FROM->TO' 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	252	0.0359	125.0237	'Jones Station Bus#2 - LUBBOCK POWER & LIGHT-HOLLY PLANT 230KV CKT 1 &Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'	
FDNS		0		2	18SP	ASGI_201_1_004	'FROM->TO' 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	252	0.0373	122.9375	'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2 &Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'	
FDNS		0		2	18SP	ASGI_201_1_004	'FROM->TO' 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	252	0.0359	122.2775	'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_04		2	18SP	ASGI_201_1_004	'FROM->TO' 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	252	0.0352	120.019	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1 &JONES STATION - Jones Station Bus#2 230KV CKT 1'	
FDNS		0		2	18SP	ASGI_201_1_004	'FROM->TO' 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	252	0.0352	118.508	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1 &JONES STATION - Jones Station Bus#2 230KV CKT 1'	
FDNS		00ASGI_11_04		2	18SP	ASGI_201_1_004	'FROM->TO' 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	252	0.0373	116.6472	'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2 &Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'	
FDNS		00ASGI_11_04		2	18SP	ASGI_201_1_004	'FROM->TO' 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	252	0.0359	115.4547	'Jones Station Bus#2 - LUBBOCK POWER & LIGHT-HOLLY PLANT 230KV CKT 1 &Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'	
FDNS		0		2	18SP	ASGI_201_1_004	'FROM->TO' 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	252	0.0373	113.8409	'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2 &Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'	
FDNS		00ASGI_11_04		2	18SP	ASGI_201_1_004	'FROM->TO' 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	252	0.0352	110.8021	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1 &JONES STATION - Jones Station Bus#2 230KV CKT 1'	
FDNS		0		2	18SP	ASGI_201_1_004	'FROM->TO' 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	252	0.036	110.7759	'LUBBOCK EAST INTERCHANGE - LUBBOCK POWER & LIGHT-WADSWORTH 230KV CKT 1 &Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'	
FDNS		00ASGI_11_04		2	18SP	ASGI_201_1_004	'FROM->TO' 'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	252	0.0373	107.4816	'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2 &Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'	

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING		CONTINGENCY
								(MVA)	TDF	(%MVA)		
	FDNS	0	2	18SP	ASGI_201 1_004	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	252	0.036	104.6063	'LUBBOCK EAST INTERCHANGE - LUBBOCK POWER & LIGHT-WADSWORTH 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'	
	FDNS	00ASGI_11_0 04	2	18SP	ASGI_201 1_004	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	252	0.036	100.9649	'LUBBOCK EAST INTERCHANGE - LUBBOCK POWER & LIGHT-WADSWORTH 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'	
	FDNS	0	2	18SP	ASGI_201 1_004	'TO->FROM'	'PCA INTERCHANGE - SW3H64_V21 3115.00 115KV CKT 1'	160	0.0492	130.5692	'CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1 & CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1'	
	FDNS	00ASGI_11_0 04	2	18SP	ASGI_201 1_004	'TO->FROM'	'PCA INTERCHANGE - SW3H64_V21 3115.00 115KV CKT 1'	160	0.0494	123.7108	'CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1 & CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1'	
	FDNS	0	2	18WP	ASGI_201 1_004	'TO->FROM'	'PCA INTERCHANGE - SW3H64_V21 3115.00 115KV CKT 1'	177	0.0488	100.5303	'CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1 & CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1'	
	FDNS	06ASGI_11_0 04	2	13G	ASGI_201 1_004	'TO->FROM'	'PLANT X STATION - TOLK STATION WEST 230KV CKT 1'	502	0.223	126.2605	'PLANT X STATION - TOLK STATION EAST 230KV CKT 2 & TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	
	FDNS	00G10_044	2	23SP	G10_044	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0543	104.8747	'KCPL-C2'	
	FDNS	09G10_044	2	13G	G10_044	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0781	104.584	'KCPL-C2'	
	FDNS	00G10_044	2	23SP	G10_044	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0543	104.1642	'KCPLB-6'	
	FDNS	0	2	23SP	G10_044	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0543	104.1156	'KCPL-C2'	
	FDNS	09G10_044	2	13G	G10_044	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0781	104.0434	'KCPL-C2'	
	FDNS	09G10_044	2	13G	G10_044	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0781	103.9932	'KCPLB-6'	
	FDNS	00G10_044	2	18SP	G10_044	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0579	103.9076	'KCPL-C2'	
	FDNS	09G10_044	2	13G	G10_044	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0781	103.4545	'KCPLB-6'	
	FDNS	0	2	23SP	G10_044	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0543	103.4046	'KCPLB-6'	
	FDNS	00G10_044	2	23SP	G10_044	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0543	103.2107	'KCPL-C2'	
	FDNS	00G10_044	2	18SP	G10_044	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0579	103.1935	'KCPLB-6'	
	FDNS	0	2	18SP	G10_044	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0579	102.9877	'KCPL-C2'	
	FDNS	00G10_044	2	23SP	G10_044	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0543	102.5098	'KCPLB-6'	
	FDNS	0	2	23SP	G10_044	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0543	102.4683	'KCPL-C2'	
	FDNS	00G10_044	2	18SP	G10_044	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0579	102.2837	'KCPL-C2'	
	FDNS	0	2	18SP	G10_044	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0579	102.2738	'KCPLB-6'	
	FDNS	0	2	23SP	G10_044	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0543	101.7667	'KCPLB-6'	
	FDNS	00G10_044	2	18SP	G10_044	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0579	101.5804	'KCPLB-6'	
	FDNS	0	2	18SP	G10_044	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0579	101.3804	'KCPL-C2'	
	FDNS	0	2	18SP	G10_044	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0579	100.6763	'KCPLB-6'	
	FDNS	03G10_061	2	13G	G10_061	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.1417	104.242	'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1'	
	FDNS	03G10_061	2	13G	G10_061	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.1221	100.409	'BENTON - WOLF CREEK 345KV CKT 1 & ROSE HILL - WOLF CREEK 345KV CKT 1'	
	FDNS	03G10_061	2	13G	G10_061	'TO->FROM'	'CHISHOLM - MAIZEE 4 138.00 138KV CKT 1'	382	0.068	104.0182	'BENTON - WICHITA 345KV CKT 1 & VIOLA 7 345.00 - WICHITA 345KV CKT 1'	
	FDNS	03G10_061	2	13G	G10_061	'TO->FROM'	'CIMARRON - MATTHEWSON 345.00 345KV CKT 1'	956	0.1306	127.7632	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 & CIMARRON - MATTHEWSON 345.00 345KV CKT 2'	
	FDNS	03G10_061	2	13G	G10_061	'TO->FROM'	'CIMARRON - MATTHEWSON 345.00 345KV CKT 2'	956	0.1306	127.7632	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 & CIMARRON - MATTHEWSON 345.00 345KV CKT 1'	
	FDNS	03G10_061	2	13G	G10_061	'FROM->TO'	'EVANS ENERGY CENTER NORTH - MAIZEW 4 138.00 138KV CKT 1'	382	0.068	106.6962	'BENTON - WICHITA 345KV CKT 1 & VIOLA 7 345.00 - WICHITA 345KV CKT 1'	
	FDNS	03G10_061	2	13G	G10_061	'FROM->TO'	'EVANS ENERGY CENTER NORTH - MAIZEW 4 138.00 138KV CKT 1'	382	0.0519	100.8058	'BENTON - WICHITA 345KV CKT 1 & BENTON - WOLF CREEK 345KV CKT 1'	
	FDNS	03G10_061	2	13G	G10_061	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0372	132.5215	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 & MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'	

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING		CONTINGENCY
								(MVA)	TDF	(%MVA)		
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0427	130.4473	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0348	121.7615	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0348	121.7615	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2 &G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0372	121.4791	'G08-19 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0372	121.4735	'G11_024_1 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0372	121.4606	'CRSRDSW7 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0372	121.4586	'G07-21 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0372	121.4082	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0372	121.4082	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0372	120.5715	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G11_051T 345.00 - G11_051_1 345.00 345KV CKT 1'
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0372	120.5708	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0372	120.5567	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - G11_051_1 345.00 345KV CKT 1'
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0372	118.0019	'G11_019_1 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0372	118.0019	'G11_020_1 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0364	117.1501	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0364	117.1501	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2'
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0372	114.8891	'G07-62 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0301	107.7354	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G10_061		2	13G	G10_061	'TO->FROM'	'HOYT - JEFFREY ENERGY CENTER 345KV CKT 1'	1076	0.0413	100.6168	'AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1 &EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1'
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'	1195	0.1425	107.445	'CIMARRON - MATTHEWSON 345.00 345KV CKT 1 &CIMARRON - MATTHEWSON 345.00 345KV CKT 2'
	FDNS	03G10_061		2	13G	G10_061	'TO->FROM'	'MOUNDRIDGE - RENO COUNTY 115KV CKT 1'	245	0.0498	100.3329	'RENO COUNTY - SUMMIT 345KV CKT 1 &RENO COUNTY - WICHITA 345KV CKT 1'
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'MOUNDRIDGE (MOUND10X) 138/115/13.8KV TRANSFORMER CKT 1'	110	0.0357	188.6598	'RENO COUNTY - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'MOUNDRIDGE (MOUND10X) 138/115/13.8KV TRANSFORMER CKT 1'	110	0.0357	188.6598	'RENO COUNTY - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'MOUNDRIDGE (MOUND10X) 138/115/13.8KV TRANSFORMER CKT 1'	110	0.0357	188.4529	'RENO COUNTY - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'MOUNDRIDGE (MOUND10X) 138/115/13.8KV TRANSFORMER CKT 1'	110	0.0357	188.4529	'RENO COUNTY - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'MOUNDRIDGE (MOUND10X) 138/115/13.8KV TRANSFORMER CKT 1'	110	0.0386	182.7965	'RENO COUNTY - SUMMIT 345KV CKT 1 &RENO COUNTY - WICHITA 345KV CKT 1'
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'MOUNDRIDGE (MOUND10X) 138/115/13.8KV TRANSFORMER CKT 1'	110	0.0386	182.7569	'RENO COUNTY - SUMMIT 345KV CKT 1 &RENO COUNTY - WICHITA 345KV CKT 1'
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'MOUNDRIDGE (MOUND10X) 138/115/13.8KV TRANSFORMER CKT 1'	110	0.0302	168.8098	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 &RENO COUNTY - WICHITA 345KV CKT 1'
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'MOUNDRIDGE (MOUND10X) 138/115/13.8KV TRANSFORMER CKT 1'	110	0.0302	168.248	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 &RENO COUNTY - WICHITA 345KV CKT 1'
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'MOUNDRIDGE (MOUND10X) 138/115/13.8KV TRANSFORMER CKT 1'	110	0.0314	164.4707	'RENO COUNTY - WICHITA 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	03G10_061		2	13G	G10_061	'FROM->TO'	'MOUNDRIDGE (MOUND10X) 138/115/13.8KV TRANSFORMER CKT 1'	110	0.0314	163.9867	'RENO COUNTY - WICHITA 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	03G10_061		2	13G	G10_061	'TO->FROM'	'MULLERGREN - SPEARVILLE 230KV CKT 1'	355.3	0.0835	108.6348	'G11-17T 345.00 - POST ROCK 345KV CKT 1 &G10_061_1 345.00 - G11-17T 345.00 345KV CKT 1'
	FDNS	03G10_061		2	13G	G10_061	'TO->FROM'	'MULLERGREN - SPEARVILLE 230KV CKT 1'	355.3	0.052	103.9211	'MULGREN7 345.00 - SPEARVILLE 345KV CKT 1 &MULGREN7 345.00 - SPEARVILLE 345KV CKT 2'
	FDNS	03G10_061		2	13G	G10_061	'TO->FROM'	'MULLERGREN - SPEARVILLE 230KV CKT 1'	355.3	0.052	103.4279	'MULGREN7 345.00 - RENO COUNTY 345KV CKT 1 &MULGREN7 345.00 - RENO COUNTY 345KV CKT 2'

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING	
								(MVA)	TDF	(%MVA)	CONTINGENCY
	FDNS	03G10_061		2 13G	G10_061	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0532	112.0273	'BENTON - WICHITA 345KV CKT 1 &VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G10_061		2 13G	G10_061	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0532	110.0989	'BENTON - WICHITA 345KV CKT 1 &VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G10_061		2 13G	G10_061	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0385	107.9278	'BENTON - WICHITA 345KV CKT 1 &BENTON - WOLF CREEK 345KV CKT 1'
	FDNS	03G10_061		2 13G	G10_061	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.046	106.7036	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	03G10_061		2 13G	G10_061	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0385	105.4258	'BENTON - WICHITA 345KV CKT 1 &BENTON - WOLF CREEK 345KV CKT 1'
	FDNS	03G10_061		2 13G	G10_061	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.046	104.978	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	03G10_061		2 13G	G10_061	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0374	102.872	'BENTON - ROSE HILL 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	03G10_061		2 13G	G10_061	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0374	100.8535	'BENTON - ROSE HILL 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	03G10_061		2 13G	G10_061	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0612	128.9446	'BENTON - WICHITA 345KV CKT 1 &VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G10_061		2 13G	G10_061	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0612	126.7355	'BENTON - WICHITA 345KV CKT 1 &VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G10_061		2 13G	G10_061	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0443	124.2277	'BENTON - WICHITA 345KV CKT 1 &BENTON - WOLF CREEK 345KV CKT 1'
	FDNS	03G10_061		2 13G	G10_061	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0529	122.8159	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	03G10_061		2 13G	G10_061	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0443	121.3563	'BENTON - WICHITA 345KV CKT 1 &BENTON - WOLF CREEK 345KV CKT 1'
	FDNS	03G10_061		2 13G	G10_061	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0529	120.8408	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	03G10_061		2 13G	G10_061	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.043	118.4066	'BENTON - ROSE HILL 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	03G10_061		2 13G	G10_061	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.043	116.0931	'BENTON - ROSE HILL 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	03G10_061		2 13G	G10_061	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0411	110.5574	'BENTON - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G10_061		2 13G	G10_061	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0411	110.5574	'BENTON - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G10_061		2 13G	G10_061	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0411	108.8358	'BENTON - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G10_061		2 13G	G10_061	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0411	108.8358	'BENTON - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G10_061		2 13G	G10_061	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0315	110.6054	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 &MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	03G10_061		2 13G	G10_061	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0361	108.8831	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03G10_061		2 13G	G10_061	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0315	100.5951	'G08-19 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G10_061		2 13G	G10_061	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0315	100.5903	'G11_024_1 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G10_061		2 13G	G10_061	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0315	100.5792	'CRSRDSW7 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G10_061		2 13G	G10_061	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0315	100.5779	'G07-21 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G10_061		2 13G	G10_061	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0315	100.5318	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G10_061		2 13G	G10_061	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0315	100.5318	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03NR		3 13G	G10_061	'TO->FROM'	'MULLERGREN - SPEARVILLE 230KV CKT 1'	355.3	0.0302	114.103	'G11-17T 345.00 - POST ROCK 345KV CKT 1 &G10_061_1 345.00 - G11-17T 345.00 345KV CKT 1'
	FDNS	0		2 13WP	G11_037	'FROM->TO'	'LAWASOKLUNI'	425	0.0883	110.8	'BASE CASE'
	FDNS	00G11_037		2 13WP	G11_037	'FROM->TO'	'LAWASOKLUNI'	425	0.0879	103.9	'BASE CASE'
	FDNS	0		2 13WP	G11_040	'FROM->TO'	'LAWASOKLUNI'	425	0.0862	110.8	'BASE CASE'
	FDNS	00G11_040		2 13WP	G11_040	'FROM->TO'	'LAWASOKLUNI'	425	0.0857	103.8	'BASE CASE'
	FDNS	00G11_040		2 23SP	G11_040	'FROM->TO'	'MUSKOGEE - PECAN CREEK 345KV CKT 1'	717	0.0669	107.9312	'CLARKSVILLE - MUSKOGEE 345KV CKT 1 &MUSKOGEE - PECAN CREEK 345KV CKT 2'

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING		CONTINGENCY
								(MVA)	TDF	(%MVA)		
	FDNS			2	23SP	G11_040	'FROM->TO'	'MUSKOGEE - PECAN CREEK 345KV CKT 1'	717	0.0669	106.7155	'CLARKSVILLE - MUSKOGEE 345KV CKT 1 &MUSKOGEE - PECAN CREEK 345KV CKT 2'
	FDNS	00G11_040		2	23SP	G11_040	'FROM->TO'	'MUSKOGEE - PECAN CREEK 345KV CKT 2'	717	0.0719	116.1128	'CLARKSVILLE - MUSKOGEE 345KV CKT 1 &MUSKOGEE - PECAN CREEK 345KV CKT 1'
	FDNS			2	23SP	G11_040	'FROM->TO'	'MUSKOGEE - PECAN CREEK 345KV CKT 2'	717	0.072	114.8066	'CLARKSVILLE - MUSKOGEE 345KV CKT 1 &MUSKOGEE - PECAN CREEK 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_040	'FROM->TO'	'LAWEASOKLUNI'	425	0.0352	121.7	'BASE CASE'
	FDNS	00NR		3	18WP	G11_040	'FROM->TO'	'LAWEASOKLUNI'	425	0.0338	106.1	'BASE CASE'
	FDNS	00NR		3	13SP	G11_040	'FROM->TO'	'LAWEASOKLUNI'	425	0.0338	105.2	'BASE CASE'
	FDNS	00NR		3	23SP	G11_040	'FROM->TO'	'SEMINOLE 138/20.9KV TRANSFORMER CKT 1'	898	0.0495	9999	'MSKGE384-13'
	FDNS	00NR		3	23SP	G11_040	'FROM->TO'	'SEMINOLE 138/20.9KV TRANSFORMER CKT 1'	898	0.0495	9999	'MSKGE385'
	FDNS	00NR		3	23SP	G11_040	'FROM->TO'	'SEMINOLE 138/20.9KV TRANSFORMER CKT 1'	898	0.0495	9999	'SONR181'
	FDNS	00NR		3	23SP	G11_040	'FROM->TO'	'SEMINOLE 138/20.9KV TRANSFORMER CKT 1'	898	0.0495	9999	'SONR38'
	FDNS	00NR		3	23SP	G11_040	'FROM->TO'	'SEMINOLE 138/20.9KV TRANSFORMER CKT 1'	898	0.0495	9999	'SONR392'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.1807	103.9685	'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.1491	100.1167	'BENTON - WOLF CREEK 345KV CKT 1 &ROSE HILL - WOLF CREEK 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'CHISHOLM - MAIZEE 4 138.00 138KV CKT 1'	382	0.0825	103.5176	'BENTON - WICHITA 345KV CKT 1 &VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'CIMARRON - MATTHEWSON 345.00 345KV CKT 1'	956	0.1521	127.4713	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 &CIMARRON - MATTHEWSON 345.00 345KV CKT 2'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'CIMARRON - MATTHEWSON 345.00 345KV CKT 2'	956	0.1521	127.4713	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 &CIMARRON - MATTHEWSON 345.00 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0533	157.8935	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0305	114.2851	'RENO COUNTY - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0305	114.2851	'RENO COUNTY - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.033	112.2862	'BENTON - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.033	112.2862	'BENTON - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0342	107.4475	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0342	107.4475	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0342	107.4475	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2 &THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0342	107.4475	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0302	101.7139	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &G11_043_1 345.00 - THISTLE7 345.00 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0302	101.7139	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &G11_044_1 345.00 - THISTLE7 345.00 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0302	101.7139	'THISTLE7 345.00 - WICHITA 345KV CKT 2 &G11_043_1 345.00 - THISTLE7 345.00 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0302	101.7139	'THISTLE7 345.00 - WICHITA 345KV CKT 2 &G11_044_1 345.00 - THISTLE7 345.00 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'FROM->TO'	'EVANS ENERGY CENTER NORTH - MAIZEW 4 138.00 138KV CKT 1'	382	0.0825	106.1947	'BENTON - WICHITA 345KV CKT 1 &VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'FROM->TO'	'EVANS ENERGY CENTER NORTH - MAIZEW 4 138.00 138KV CKT 1'	382	0.0631	100.4907	'BENTON - WICHITA 345KV CKT 1 &BENTON - WOLF CREEK 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.0533	212.6955	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G11_043		2	13G	G11_043	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.0305	159.6817	'RENO COUNTY - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.0305	159.6817	'RENO COUNTY - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING		CONTINGENCY
								(MVA)	TDF	(%MVA)		
	FDNS	03G11_043		2 13G	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0533	191.4023	'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2'	
	FDNS	03G11_043		2 13G	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0305	138.0397	'RENO COUNTY - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 1'	
	FDNS	03G11_043		2 13G	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0305	138.0397	'RENO COUNTY - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2'	
	FDNS	03G11_043		2 13G	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.033	135.9376	'BENTON - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 1'	
	FDNS	03G11_043		2 13G	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.033	135.9376	'BENTON - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2'	
	FDNS	03G11_043		2 13G	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0342	130.2035	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 1'	
	FDNS	03G11_043		2 13G	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0342	130.2035	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2'	
	FDNS	03G11_043		2 13G	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0342	130.2035	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2 & THISTLE7 345.00 - WICHITA 345KV CKT 1'	
	FDNS	03G11_043		2 13G	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0342	130.2035	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2 & THISTLE7 345.00 - WICHITA 345KV CKT 2'	
	FDNS	03G11_043		2 13G	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0302	123.663	'THISTLE7 345.00 - WICHITA 345KV CKT 1 & G11_043_1 345.00 - THISTLE7 345.00 345KV CKT 1'	
	FDNS	03G11_043		2 13G	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0302	123.663	'THISTLE7 345.00 - WICHITA 345KV CKT 1 & G11_044_1 345.00 - THISTLE7 345.00 345KV CKT 1'	
	FDNS	03G11_043		2 13G	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0302	123.663	'THISTLE7 345.00 - WICHITA 345KV CKT 2 & G11_043_1 345.00 - THISTLE7 345.00 345KV CKT 1'	
	FDNS	03G11_043		2 13G	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0302	123.663	'THISTLE7 345.00 - WICHITA 345KV CKT 2 & G11_044_1 345.00 - THISTLE7 345.00 345KV CKT 1'	
	FDNS	00G11_043		2 13WP	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.067	119.0556	'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2'	
	FDNS	00G11_043		2 13SP	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0667	118.2667	'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2'	
	FDNS	03G11_043		2 13G	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0325	117.6017	'THISTLE7 345.00 - WICHITA 345KV CKT 1 & CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 1'	
	FDNS	03G11_043		2 13G	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0325	117.6017	'THISTLE7 345.00 - WICHITA 345KV CKT 1 & CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 2'	
	FDNS	03G11_043		2 13G	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0325	117.6017	'THISTLE7 345.00 - WICHITA 345KV CKT 2 & CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 1'	
	FDNS	03G11_043		2 13G	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0325	117.6017	'THISTLE7 345.00 - WICHITA 345KV CKT 2 & CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 2'	
	FDNS	00G11_043		2 18WP	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0668	115.6049	'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2'	
	FDNS	03G11_043		2 13G	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0303	109.8671	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 & THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2'	
	FDNS	0		2 13WP	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.067	100.4779	'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2'	
	FDNS	0		2 13SP	G11_043	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0668	100.3641	'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2'	
	FDNS	03G11_043		2 13G	G11_043	'TO->FROM'	'HOYT - JEFFREY ENERGY CENTER 345KV CKT 1'	1076	0.0359	100.48	'AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1 & EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1'	
	FDNS	03G11_043		2 13G	G11_043	'FROM->TO'	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'	1195	0.1659	107.1766	'CIMARRON - MATTHEWSON 345.00 345KV CKT 1 & CIMARRON - MATTHEWSON 345.00 345KV CKT 2'	
	FDNS	03G11_043		2 13G	G11_043	'TO->FROM'	'MULLERGREN - SPEARVILLE 230KV CKT 1'	355.3	0.031	106.6029	'G11-17T 345.00 - POST ROCK 345KV CKT 1 & G11-17T 345.00 - G11_017_1 345.00 345KV CKT 1'	
	FDNS	03G11_043		2 13G	G11_043	'TO->FROM'	'MULLERGREN - SPEARVILLE 230KV CKT 1'	355.3	0.031	106.2392	'G11-17T 345.00 - POST ROCK 345KV CKT 1 & G10_061_1 345.00 - G11-17T 345.00 345KV CKT 1'	
	FDNS	03G11_043		2 13G	G11_043	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0706	112.0452	'BENTON - WICHITA 345KV CKT 1 & VIOLA 7 345.00 - WICHITA 345KV CKT 1'	
	FDNS	03G11_043		2 13G	G11_043	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0706	110.0986	'BENTON - WICHITA 345KV CKT 1 & VIOLA 7 345.00 - WICHITA 345KV CKT 1'	
	FDNS	03G11_043		2 13G	G11_043	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0531	107.936	'BENTON - WICHITA 345KV CKT 1 & BENTON - WOLF CREEK 345KV CKT 1'	
	FDNS	03G11_043		2 13G	G11_043	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0668	106.7399	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 & BENTON - WICHITA 345KV CKT 1'	
	FDNS	03G11_043		2 13G	G11_043	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0531	105.4332	'BENTON - WICHITA 345KV CKT 1 & BENTON - WOLF CREEK 345KV CKT 1'	
	FDNS	03G11_043		2 13G	G11_043	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0668	105.0045	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 & BENTON - WICHITA 345KV CKT 1'	
	FDNS	03G11_043		2 13G	G11_043	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0524	102.8656	'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	03G11_043		2	13G	G11_043	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0524	100.8427	'BENTON - ROSE HILL 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0813	128.9652	'BENTON - WICHITA 345KV CKT 1 &VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0813	126.7352	'BENTON - WICHITA 345KV CKT 1 &VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0611	124.2371	'BENTON - WICHITA 345KV CKT 1 &BENTON - WOLF CREEK 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0768	122.8577	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0611	121.3648	'BENTON - WICHITA 345KV CKT 1 &BENTON - WOLF CREEK 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0768	120.8713	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0603	118.3992	'BENTON - ROSE HILL 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0603	116.0806	'BENTON - ROSE HILL 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0499	110.4672	'BENTON - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0499	110.4672	'BENTON - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G11_043		2	13G	G11_043	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0499	108.6772	'BENTON - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0499	108.6772	'BENTON - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G11_043		2	13G	G11_043	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0692	104.4129	'RENO COUNTY - WICHITA 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0692	102.8518	'RENO COUNTY - WICHITA 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0379	110.1708	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 &MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0435	108.6235	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0306	101.2	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0306	101.2	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2 &G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0379	100.8054	'G08-19 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0379	100.8054	'G11_024_1 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0379	100.7893	'CRSRDSW7 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0379	100.7883	'G07-21 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0379	100.7381	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0379	100.7381	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0379	100.0578	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G11_051T 345.00 - G11_051_1 345.00 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0379	100.0559	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G11_043		2	13G	G11_043	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0379	100	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - G11_051_1 345.00 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.1807	103.9685	'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1'
	FDNS	03G11_044		2	13G	G11_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.1491	100.1167	'BENTON - WOLF CREEK 345KV CKT 1 &ROSE HILL - WOLF CREEK 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'TO->FROM'	'CHISHOLM - MAIZEE 4 138.00 138KV CKT 1'	382	0.0825	103.5176	'BENTON - WICHITA 345KV CKT 1 &VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'TO->FROM'	'CIMARRON - MATTHEWSON 345.00 345KV CKT 1'	956	0.1521	127.4713	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 &CIMARRON - MATTHEWSON 345.00 345KV CKT 2'
	FDNS	03G11_044		2	13G	G11_044	'TO->FROM'	'CIMARRON - MATTHEWSON 345.00 345KV CKT 2'	956	0.1521	127.4713	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 &CIMARRON - MATTHEWSON 345.00 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0533	157.8935	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING		CONTINGENCY
								(MVA)	TDF	(%MVA)		
	FDNS	03G11_044		2	13G	G11_044	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0305	114.2851	'RENO COUNTY - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0305	114.2851	'RENO COUNTY - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G11_044		2	13G	G11_044	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.033	112.2862	'BENTON - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.033	112.2862	'BENTON - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G11_044		2	13G	G11_044	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0342	107.4475	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0342	107.4475	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G11_044		2	13G	G11_044	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0342	107.4475	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2 & THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0342	107.4475	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2 & THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G11_044		2	13G	G11_044	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0302	101.7139	'THISTLE7 345.00 - WICHITA 345KV CKT 1 & G11_043_1 345.00 - THISTLE7 345.00 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0302	101.7139	'THISTLE7 345.00 - WICHITA 345KV CKT 1 & G11_044_1 345.00 - THISTLE7 345.00 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0302	101.7139	'THISTLE7 345.00 - WICHITA 345KV CKT 2 & G11_043_1 345.00 - THISTLE7 345.00 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0302	101.7139	'THISTLE7 345.00 - WICHITA 345KV CKT 2 & G11_044_1 345.00 - THISTLE7 345.00 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'FROM->TO'	'EVANS ENERGY CENTER NORTH - MAIZEW 4 138.00 138KV CKT 1'	382	0.0825	106.1947	'BENTON - WICHITA 345KV CKT 1 & VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'FROM->TO'	'EVANS ENERGY CENTER NORTH - MAIZEW 4 138.00 138KV CKT 1'	382	0.0631	100.4907	'BENTON - WICHITA 345KV CKT 1 & BENTON - WOLF CREEK 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.0533	212.6955	'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G11_044		2	13G	G11_044	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.0305	159.6817	'RENO COUNTY - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.0305	159.6817	'RENO COUNTY - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G11_044		2	13G	G11_044	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.033	157.3166	'BENTON - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.033	157.3166	'BENTON - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G11_044		2	13G	G11_044	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.0342	151.9065	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.0342	151.9065	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G11_044		2	13G	G11_044	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.0342	151.9065	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2 & THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.0342	151.9065	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2 & THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03G11_044		2	13G	G11_044	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.0302	145.3897	'THISTLE7 345.00 - WICHITA 345KV CKT 1 & G11_044_1 345.00 - THISTLE7 345.00 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.0302	145.3897	'THISTLE7 345.00 - WICHITA 345KV CKT 2 & G11_044_1 345.00 - THISTLE7 345.00 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.0302	145.3896	'THISTLE7 345.00 - WICHITA 345KV CKT 1 & G11_043_1 345.00 - THISTLE7 345.00 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.0302	145.3896	'THISTLE7 345.00 - WICHITA 345KV CKT 2 & G11_043_1 345.00 - THISTLE7 345.00 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.0325	139.3285	'THISTLE7 345.00 - WICHITA 345KV CKT 1 & CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.0325	139.3285	'THISTLE7 345.00 - WICHITA 345KV CKT 1 & CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 2'
	FDNS	03G11_044		2	13G	G11_044	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.0325	139.3285	'THISTLE7 345.00 - WICHITA 345KV CKT 2 & CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.0325	139.3285	'THISTLE7 345.00 - WICHITA 345KV CKT 2 & CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 2'
	FDNS	03G11_044		2	13G	G11_044	'FROM->TO'	'FLATRDG3 - HARPER 138KV CKT 1'	95.6	0.0303	131.7278	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 & THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2'
	FDNS	03G11_044		2	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0449	131.9811	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 & MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	03G11_044		2	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0515	130.1248	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 & G11_051T 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		03G11_044		2	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0362	121.1916	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0362	121.1916	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2 &G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0449	120.7405	'G11_024_1 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0449	120.7403	'G08-19 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0449	120.7217	'CRSRDSW7 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0449	120.7198	'G07-21 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0449	120.6687	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0449	120.6687	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0449	119.8358	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G11_051T 345.00 - G11_051_1 345.00 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0449	119.8351	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0449	119.8047	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - G11_051_1 345.00 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0449	117.3132	'G11_019_1 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0449	117.3132	'G11_020_1 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0466	116.7035	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0466	116.7034	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0449	114.3686	'G07-62 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0486	107.4997	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0533	191.4023	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0305	138.0397	'RENO COUNTY - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0305	138.0397	'RENO COUNTY - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.033	135.9376	'BENTON - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.033	135.9376	'BENTON - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0342	130.2035	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0342	130.2035	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0342	130.2035	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2 &THISTLE7 345.00 - WICHITA 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0342	130.2035	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0302	123.663	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &G11_043_1 345.00 - THISTLE7 345.00 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0302	123.663	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &G11_044_1 345.00 - THISTLE7 345.00 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0302	123.663	'THISTLE7 345.00 - WICHITA 345KV CKT 2 &G11_043_1 345.00 - THISTLE7 345.00 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0302	123.663	'THISTLE7 345.00 - WICHITA 345KV CKT 2 &G11_044_1 345.00 - THISTLE7 345.00 345KV CKT 1'
FDNS		00G11_044		2	13WP	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.067	119.0556	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
FDNS		00G11_044		2	13SP	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0667	118.2667	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0325	117.6017	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0325	117.6017	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 2'

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING		
								(MVA)	TDF	(%MVA)	CONTINGENCY	
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0325	117.6017	'THISTLE7 345.00 - WICHITA 345KV CKT 2 & CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0325	117.6017	'THISTLE7 345.00 - WICHITA 345KV CKT 2 & CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 2'
FDNS		00G11_044		2	18WP	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0668	115.6049	'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0303	109.8671	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 & THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2'
FDNS			0	2	13WP	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.067	100.4779	'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2'
FDNS			0	2	13SP	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0668	100.3641	'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2'
FDNS		03G11_044		2	13G	G11_044	'TO->FROM'	'HOYT - JEFFREY ENERGY CENTER 345KV CKT 1'	1076	0.0359	100.48	'AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1 & EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'	1195	0.1659	107.1766	'CIMARRON - MATTHEWSON 345.00 345KV CKT 1 & CIMARRON - MATTHEWSON 345.00 345KV CKT 2'
FDNS		03G11_044		2	13G	G11_044	'TO->FROM'	'MULLERGREN - SPEARVILLE 230KV CKT 1'	355.3	0.031	106.6029	'G11-17T 345.00 - POST ROCK 345KV CKT 1 & G11-17T 345.00 - G11_017_1 345.00 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'TO->FROM'	'MULLERGREN - SPEARVILLE 230KV CKT 1'	355.3	0.031	106.2392	'G11-17T 345.00 - POST ROCK 345KV CKT 1 & G10_061_1 345.00 - G11-17T 345.00 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0706	112.0452	'BENTON - WICHITA 345KV CKT 1 & VIOLA 7 345.00 - WICHITA 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0706	110.0986	'BENTON - WICHITA 345KV CKT 1 & VIOLA 7 345.00 - WICHITA 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0531	107.936	'BENTON - WICHITA 345KV CKT 1 & BENTON - WOLF CREEK 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0668	106.7399	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 & BENTON - WICHITA 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0531	105.4332	'BENTON - WICHITA 345KV CKT 1 & BENTON - WOLF CREEK 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0668	105.0045	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 & BENTON - WICHITA 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0524	102.8656	'BENTON - ROSE HILL 345KV CKT 1 & BENTON - WICHITA 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'WICHITA (WICHT11X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0524	100.8427	'BENTON - ROSE HILL 345KV CKT 1 & BENTON - WICHITA 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0813	128.9652	'BENTON - WICHITA 345KV CKT 1 & VIOLA 7 345.00 - WICHITA 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0813	126.7352	'BENTON - WICHITA 345KV CKT 1 & VIOLA 7 345.00 - WICHITA 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0611	124.2371	'BENTON - WICHITA 345KV CKT 1 & BENTON - WOLF CREEK 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0768	122.8577	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 & BENTON - WICHITA 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0611	121.3648	'BENTON - WICHITA 345KV CKT 1 & BENTON - WOLF CREEK 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0768	120.8713	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 & BENTON - WICHITA 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0603	118.3992	'BENTON - ROSE HILL 345KV CKT 1 & BENTON - WICHITA 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0603	116.0806	'BENTON - ROSE HILL 345KV CKT 1 & BENTON - WICHITA 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0499	110.4672	'BENTON - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0499	110.4672	'BENTON - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0499	108.6772	'BENTON - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0499	108.6772	'BENTON - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0692	104.4129	'RENO COUNTY - WICHITA 345KV CKT 1 & BENTON - WICHITA 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0692	102.8518	'RENO COUNTY - WICHITA 345KV CKT 1 & BENTON - WICHITA 345KV CKT 1'
FDNS		03G11_044		2	13G	G11_044	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0379	110.1708	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 & MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
FDNS		03G11_044		2	13G	G11_044	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0435	108.6235	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 & G11_051T 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	03G11_044		2	13G	G11_044	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0306	101.2	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0306	101.2	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2 &G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0379	100.8054	'G08-19 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0379	100.8054	'G11_024_1 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0379	100.7893	'CRSRDSW7 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0379	100.7883	'G07-21 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0379	100.7381	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0379	100.7381	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0379	100.0578	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G11_051T 345.00 - G11_051_1 345.00 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0379	100.0559	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	03G11_044		2	13G	G11_044	'TO->FROM'	'WOODWARD - WOODWARD EHV 138KV CKT 1'	287	0.0379	100	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - G11_051_1 345.00 345KV CKT 1'
	FDNS	03NR		3	13G	G11_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.0496	108.5593	'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1'
	FDNS	03NR		3	13G	G11_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.0379	103.8821	'BENTON - WOLF CREEK 345KV CKT 1 &ROSE HILL - WOLF CREEK 345KV CKT 1'
	FDNS	03NR		3	13G	G11_044	'TO->FROM'	'BENTON - WICHITA 345KV CKT 1'	932	0.0498	102.2846	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 &MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	00NR		3	13WP	G11_044	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0379	185.6808	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	00NR		3	13SP	G11_044	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0372	180.4001	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	00NR		3	18WP	G11_044	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0372	179.8951	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	00NR		3	18SP	G11_044	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0388	149.2368	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	00NR		3	23SP	G11_044	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0404	131.3484	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	00NR		3	13WP	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0379	222.027	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	00NR		3	13SP	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0372	216.236	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	00NR		3	18WP	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0372	215.6404	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	00NR		3	18SP	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0388	183.8473	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	00NR		3	23SP	G11_044	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0404	164.1786	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	03NR		3	13G	G11_044	'FROM->TO'	'MEDILOGEXFR'	65	0.053	102	'BASE CASE'
	FDNS	03NR		3	13G	G11_044	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0387	105.9901	'RENO COUNTY - WICHITA 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	03NR		3	13G	G11_044	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0387	104.4833	'RENO COUNTY - WICHITA 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	0		2	23SP	G11_045	'TO->FROM'	'ALLEN SUB - LUBBOCK SOUTH INTERCHANGE 115KV CKT 1'	160	0.0587	105.3789	'SWISHER COUNTY INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1 &CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1'
	FDNS	00G11_045		2	23SP	G11_045	'TO->FROM'	'ALLEN SUB - LUBBOCK SOUTH INTERCHANGE 115KV CKT 1'	160	0.0587	105.3789	'SWISHER COUNTY INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1 &CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1'
	FDNS	0		2	23SP	G11_045	'TO->FROM'	'ALLEN SUB - LUBBOCK SOUTH INTERCHANGE 115KV CKT 1'	160	0.0583	105.2855	'CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1 &G10-46 230.00 - TUCO INTERCHANGE 230KV CKT 1'
	FDNS	00G11_045		2	23SP	G11_045	'TO->FROM'	'ALLEN SUB - LUBBOCK SOUTH INTERCHANGE 115KV CKT 1'	160	0.0583	105.2855	'CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1 &G10-46 230.00 - TUCO INTERCHANGE 230KV CKT 1'
	FDNS	0		2	23SP	G11_045	'TO->FROM'	'ALLEN SUB - LUBBOCK SOUTH INTERCHANGE 115KV CKT 1'	160	0.0585	105.2126	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1 &CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1'
	FDNS	00G11_045		2	23SP	G11_045	'TO->FROM'	'ALLEN SUB - LUBBOCK SOUTH INTERCHANGE 115KV CKT 1'	160	0.0585	105.2126	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1 &CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1'
	FDNS	0		2	23SP	G11_045	'TO->FROM'	'ALLEN SUB - LUBBOCK SOUTH INTERCHANGE 115KV CKT 1'	160	0.0583	105.1544	'ANTELOPE 1 - TUCO INTERCHANGE 230KV CKT 1 &CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1'

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING		CONTINGENCY
								(MVA)	TDF	(%MVA)		
	FDNS	0	2	18SP	G11_045	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	252	0.1333	118.508	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1 & JONES STATION - Jones Station Bus#2 230KV CKT 1'	
	FDNS	0	2	23SP	G11_045	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	290	0.134	117.8627	'Jones Station Bus#2 - LUBBOCK POWER & LIGHT-HOLLY PLANT 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'	
	FDNS	00G11_045	2	23SP	G11_045	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	290	0.134	117.8627	'Jones Station Bus#2 - LUBBOCK POWER & LIGHT-HOLLY PLANT 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'	
	FDNS	00G11_045	2	18SP	G11_045	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	252	0.1333	115.5785	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1 & JONES STATION - Jones Station Bus#2 230KV CKT 1'	
	FDNS	0	2	23SP	G11_045	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	290	0.1282	114.5038	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1 & JONES STATION - Jones Station Bus#2 230KV CKT 1'	
	FDNS	00G11_045	2	23SP	G11_045	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	290	0.1282	114.5038	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1 & JONES STATION - Jones Station Bus#2 230KV CKT 1'	
	FDNS	0	2	18SP	G11_045	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	252	0.1273	113.8409	'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'	
	FDNS	00G11_045	2	18SP	G11_045	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	252	0.1274	113.4801	'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'	
	FDNS	0	2	23SP	G11_045	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	290	0.122	111.9241	'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'	
	FDNS	00G11_045	2	23SP	G11_045	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	290	0.122	111.9241	'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'	
	FDNS	0	2	23SP	G11_045	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	290	0.1484	111.1426	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1 & GRASSLAND INTERCHANGE - Jones Station Bus#2 230KV CKT 1'	
	FDNS	00G11_045	2	23SP	G11_045	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	290	0.1484	111.1426	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1 & GRASSLAND INTERCHANGE - Jones Station Bus#2 230KV CKT 1'	
	FDNS	0	2	18SP	G11_045	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	252	0.1421	110.7759	'LUBBOCK EAST INTERCHANGE - LUBBOCK POWER & LIGHT-WADSWORTH 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'	
	FDNS	00G11_045	2	18SP	G11_045	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	252	0.1421	110.3571	'LUBBOCK EAST INTERCHANGE - LUBBOCK POWER & LIGHT-WADSWORTH 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'	
	FDNS	0	2	23SP	G11_045	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	290	0.134	109.3765	'Jones Station Bus#2 - LUBBOCK POWER & LIGHT-HOLLY PLANT 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'	
	FDNS	00G11_045	2	23SP	G11_045	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	290	0.134	109.3765	'Jones Station Bus#2 - LUBBOCK POWER & LIGHT-HOLLY PLANT 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'	
	FDNS	0	2	23SP	G11_045	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	290	0.1282	105.5751	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1 & JONES STATION - Jones Station Bus#2 230KV CKT 1'	
	FDNS	00G11_045	2	23SP	G11_045	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	290	0.1282	105.5751	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1 & JONES STATION - Jones Station Bus#2 230KV CKT 1'	
	FDNS	0	2	18SP	G11_045	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	252	0.1421	104.6063	'LUBBOCK EAST INTERCHANGE - LUBBOCK POWER & LIGHT-WADSWORTH 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'	
	FDNS	00G11_045	2	18SP	G11_045	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	252	0.1421	104.2141	'LUBBOCK EAST INTERCHANGE - LUBBOCK POWER & LIGHT-WADSWORTH 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'	
	FDNS	0	2	23SP	G11_045	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	290	0.122	102.8523	'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'	
	FDNS	00G11_045	2	23SP	G11_045	'FROM->TO'	'LUBBOCK SOUTH INTERCHANGE (ABB LLM60043) 230/115/13.2KV TRANSFORMER CKT 1'	290	0.122	102.8523	'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'	
	FDNS	06G11_045	2	13G	G11_045	'TO->FROM'	'PLANT X STATION - TOLK STATION WEST 230KV CKT 1'	502	0.0361	125.9655	'PLANT X STATION - TOLK STATION EAST 230KV CKT 2 & TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	
	FDNS	00NR	3	23SP	G11_045	'TO->FROM'	'INDIANA SUB - STANTON SUB 115KV CKT 1'	160	0.0376	110.8328	'JONES STATION - LUBBOCK SOUTH INTERCHANGE 230KV CKT 1 & JONES STATION - Jones Station Bus#2 230KV CKT 1'	
	FDNS	00NR	3	23SP	G11_045	'FROM->TO'	'JONES STATION - LUBBOCK SOUTH INTERCHANGE 230KV CKT 1'	502	0.382	114.1699	'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'	
	FDNS	00NR	3	18WP	G11_045	'FROM->TO'	'JONES STATION - TUCO INTERCHANGE 230KV CKT 1'	361	0.9293	125.9034	'JONES STATION - LUBBOCK SOUTH INTERCHANGE 230KV CKT 1 & JONES STATION - Jones Station Bus#2 230KV CKT 1'	
	FDNS	00NR	3	13WP	G11_045	'FROM->TO'	'JONES STATION - TUCO INTERCHANGE 230KV CKT 1'	361	0.9254	125.4314	'JONES STATION - LUBBOCK SOUTH INTERCHANGE 230KV CKT 1 & JONES STATION - Jones Station Bus#2 230KV CKT 1'	
	FDNS	00NR	3	13SP	G11_045	'FROM->TO'	'JONES STATION - TUCO INTERCHANGE 230KV CKT 1'	361	0.9314	119.1041	'JONES STATION - LUBBOCK SOUTH INTERCHANGE 230KV CKT 1 & JONES STATION - Jones Station Bus#2 230KV CKT 1'	
	FDNS	00NR	3	23SP	G11_045	'FROM->TO'	'JONES STATION - TUCO INTERCHANGE 230KV CKT 1'	351	0.948	118.8933	'JONES STATION - LUBBOCK SOUTH INTERCHANGE 230KV CKT 1 & JONES STATION - Jones Station Bus#2 230KV CKT 1'	
	FDNS	00NR	3	23SP	G11_045	'FROM->TO'	'Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'	351	0.1926	101.984	'JONES STATION - LUBBOCK SOUTH INTERCHANGE 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2'	
	FDNS	00NR	3	13SP	G11_045	'FROM->TO'	'Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2'	502	0.556	105.3338	'JONES STATION - TUCO INTERCHANGE 230KV CKT 1 & JONES STATION - LUBBOCK SOUTH INTERCHANGE 230KV CKT 1'	
	FDNS	00NR	3	23SP	G11_045	'TO->FROM'	'LUBBOCK EAST INTERCHANGE - LUBBOCK SOUTH INTERCHANGE 115KV CKT 1'	160	0.0878	111.7456	'Jones Station Bus#2 - LUBBOCK POWER & LIGHT-HOLLY PLANT 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1'	
	FDNS	0	2	23SP	G11_046	'FROM->TO'	'CURRY COUNTY INTERCHANGE - DEAF SMITH REC-#20 115KV CKT 1'	96	0.1089	105.8643	'DEAF SMITH COUNTY INTERCHANGE - PLANT X STATION 230KV CKT 1 & BUFFALO 230.00 - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1'	
	FDNS	00G11_046	2	23SP	G11_046	'FROM->TO'	'CURRY COUNTY INTERCHANGE - DEAF SMITH REC-#20 115KV CKT 1'	96	0.1089	105.8643	'DEAF SMITH COUNTY INTERCHANGE - PLANT X STATION 230KV CKT 1 & BUFFALO 230.00 - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1'	

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING		CONTINGENCY
								(MVA)	TDF	(%MVA)		
	FDNS	0	2	13WP	G11_046	'FROM->TO'	'JONES STATION - TUCO INTERCHANGE 230KV CKT 1'	361	0.0493	105.756	'JONES STATION - LUBBOCK SOUTH INTERCHANGE 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2'	
	FDNS	0	2	13SP	G11_046	'FROM->TO'	'JONES STATION - TUCO INTERCHANGE 230KV CKT 1'	361	0.0364	105.6388	'JONES STATION - LUBBOCK SOUTH INTERCHANGE 230KV CKT 1 & Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2'	
	FDNS	06G11_046	2	13G	G11_046	'TO->FROM'	'PLANT X STATION - TOLK STATION EAST 230KV CKT 2'	502	0.3531	100.1762	'PLANT X STATION - TOLK STATION WEST 230KV CKT 1 & LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1'	
	FDNS	06G11_046	2	13G	G11_046	'TO->FROM'	'PLANT X STATION - TOLK STATION WEST 230KV CKT 1'	502	0.4847	129.0414	'PLANT X STATION - TOLK STATION EAST 230KV CKT 2 & TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	
	FDNS	06G11_046	2	13G	G11_046	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.069	106.2395	'LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1 & TOLK STATION WEST - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	
	FDNS	06G11_046	2	13G	G11_046	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.069	104.4901	'LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1 & TOLK STATION WEST - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	
	FDNS	06G11_046	2	13G	G11_046	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0663	102.5176	'TOLK STATION TAP - TOLK STATION WEST 230KV CKT 1 & LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1'	
	FDNS	06G11_046	2	13G	G11_046	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0574	102.3158	'ROOSEVELT COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 2 & LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1'	
	FDNS	06G11_046	2	13G	G11_046	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0663	100.8202	'TOLK STATION TAP - TOLK STATION WEST 230KV CKT 1 & LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1'	
	FDNS	06G11_046	2	13G	G11_046	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0574	100.6509	'ROOSEVELT COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 2 & LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1'	
	FDNS	06G11_046	2	13G	G11_046	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.086	100.5979	'TOLK STATION EAST - TOLK STATION TAP 230KV CKT 1 & TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	
	FDNS	06G11_046	2	13G	G11_046	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0837	100.4785	'DEAF SMITH COUNTY INTERCHANGE - PLANT X STATION 230KV CKT 1 & PLANT X STATION - SUNDOWN INTERCHANGE 230KV CKT 1'	
	FDNS	06G11_046	2	13G	G11_046	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0923	100.4588	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1 & JONES STATION - TUCO INTERCHANGE 230KV CKT 1'	
	FDNS	00NR	3	23SP	G11_046	'FROM->TO'	'CURRY COUNTY INTERCHANGE - DEAF SMITH REC-#20 115KV CKT 1'	96	0.0946	103.9037	'DEAF SMITH COUNTY INTERCHANGE - PLANT X STATION 230KV CKT 1 & BUFFALO 230.00 - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1'	
	FDNS	06NR	3	13G	G11_046	'TO->FROM'	'PLANT X STATION - TOLK STATION EAST 230KV CKT 2'	502	0.1896	103.5532	'PLANT X STATION - TOLK STATION WEST 230KV CKT 1 & LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1'	
	FDNS	06NR	3	13G	G11_046	'TO->FROM'	'PLANT X STATION - TOLK STATION WEST 230KV CKT 1'	502	0.2445	134.9996	'PLANT X STATION - TOLK STATION EAST 230KV CKT 2 & TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	
	FDNS	06NR	3	13G	G11_046	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.034	106.8446	'LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1 & TOLK STATION WEST - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	
	FDNS	06NR	3	13G	G11_046	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.034	105.1251	'LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1 & TOLK STATION WEST - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'	
	FDNS	06NR	3	13G	G11_046	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0361	103.1421	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1 & JONES STATION - TUCO INTERCHANGE 230KV CKT 1'	
	FDNS	06NR	3	13G	G11_046	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0371	103.019	'TOLK STATION EAST - TOLK STATION TAP 230KV CKT 1 & TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	
	FDNS	06NR	3	13G	G11_046	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0371	102.5432	'DEAF SMITH COUNTY INTERCHANGE - PLANT X STATION 230KV CKT 1 & PLANT X STATION - SUNDOWN INTERCHANGE 230KV CKT 1'	
	FDNS	06NR	3	13G	G11_046	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0361	102.1619	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1 & JONES STATION - TUCO INTERCHANGE 230KV CKT 1'	
	FDNS	06NR	3	13G	G11_046	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0371	102.0768	'TOLK STATION EAST - TOLK STATION TAP 230KV CKT 1 & TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	
	FDNS	06NR	3	13G	G11_046	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0371	101.4028	'DEAF SMITH COUNTY INTERCHANGE - PLANT X STATION 230KV CKT 1 & PLANT X STATION - SUNDOWN INTERCHANGE 230KV CKT 1'	
	FDNS	06NR	3	13G	G11_046	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0355	101.394	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1 & ANTELOPE 1 - TUCO INTERCHANGE 230KV CKT 1'	
	FDNS	06NR	3	13G	G11_046	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0355	101.394	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1 & G10-46 230.00 - TUCO INTERCHANGE 230KV CKT 1'	
	FDNS	06NR	3	13G	G11_046	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0357	100.7809	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1 & CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1'	
	FDNS	06NR	3	13G	G11_046	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0355	100.4316	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1 & ANTELOPE 1 - TUCO INTERCHANGE 230KV CKT 1'	
	FDNS	06NR	3	13G	G11_046	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0355	100.4316	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1 & G10-46 230.00 - TUCO INTERCHANGE 230KV CKT 1'	
	FDNS	06NR	3	13G	G11_046	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0358	100.3409	'SWISHER COUNTY INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1 & TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	
	FDNS	06NR	3	13G	G11_046	'FROM->TO'	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	502	0.1727	104.3724	'PLANT X STATION - TOLK STATION EAST 230KV CKT 2 & PLANT X STATION - TOLK STATION WEST 230KV CKT 1'	
	FDNS	00G11_048	2	18SP	G11_048	'TO->FROM'	'BAILEY COUNTY REC-EARTH INTERCHANGE - PLANT X STATION 115KV CKT 1'	160	0.0359	103.5594	'DEAF SMITH COUNTY INTERCHANGE - PLANT X STATION 230KV CKT 1 & BUFFALO 230.00 - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1'	
	FDNS	0	2	18SP	G11_048	'TO->FROM'	'BAILEY COUNTY REC-EARTH INTERCHANGE - PLANT X STATION 115KV CKT 1'	160	0.0361	101.4687	'DEAF SMITH COUNTY INTERCHANGE - PLANT X STATION 230KV CKT 1 & BUFFALO 230.00 - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1'	
	FDNS	0	2	18SP	G11_048	'TO->FROM'	'Bennett Sub - ODC TAP 115KV CKT 1'	154	0.2581	110.3163	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 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	00G11_048		2	23SP	G11_048	'FROM->TO'	'MUSTANG STATION (ENRCO 136161) 230/115/13.2KV TRANSFORMER CKT 1'	250	0.6348	122.9119	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00G11_048		2	18SP	G11_048	'FROM->TO'	'MUSTANG STATION (ENRCO 136161) 230/115/13.2KV TRANSFORMER CKT 1'	288	0.6383	116.7366	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00G11_048		2	18SP	G11_048	'FROM->TO'	'MUSTANG STATION (ENRCO 136161) 230/115/13.2KV TRANSFORMER CKT 1'	288	0.6383	116.6789	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS		0	2	18SP	G11_048	'FROM->TO'	'MUSTANG STATION (ENRCO 136161) 230/115/13.2KV TRANSFORMER CKT 1'	288	0.6383	116.4408	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS		0	2	18SP	G11_048	'FROM->TO'	'MUSTANG STATION (ENRCO 136161) 230/115/13.2KV TRANSFORMER CKT 1'	288	0.6383	116.3835	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00G11_048		2	18SP	G11_048	'FROM->TO'	'MUSTANG STATION N. - SEAGRAVES INTERCHANGE 115KV CKT 1'	160	0.1891	114.7171	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS		0	2	18SP	G11_048	'FROM->TO'	'MUSTANG STATION N. - SEAGRAVES INTERCHANGE 115KV CKT 1'	160	0.1891	113.5706	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00G11_048		2	18SP	G11_048	'FROM->TO'	'MUSTANG STATION N. - SEAGRAVES INTERCHANGE 115KV CKT 1'	160	0.1891	108.9395	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS		0	2	18SP	G11_048	'FROM->TO'	'MUSTANG STATION N. - SEAGRAVES INTERCHANGE 115KV CKT 1'	160	0.1891	107.7753	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS		0	2	18SP	G11_048	'TO->FROM'	'ODC TAP - SHELL CO2 GAS SUB 115KV CKT 1'	160	0.2581	115.7693	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00G11_048		2	18SP	G11_048	'TO->FROM'	'ODC TAP - SHELL CO2 GAS SUB 115KV CKT 1'	160	0.2581	115.6136	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS		0	2	13WP	G11_048	'TO->FROM'	'ODC TAP - SHELL CO2 GAS SUB 115KV CKT 1'	169	0.2555	113.834	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00G11_048		2	13WP	G11_048	'TO->FROM'	'ODC TAP - SHELL CO2 GAS SUB 115KV CKT 1'	169	0.2555	113.5555	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS		0	2	18SP	G11_048	'TO->FROM'	'ODC TAP - SHELL CO2 GAS SUB 115KV CKT 1'	160	0.2581	106.3903	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00G11_048		2	18SP	G11_048	'TO->FROM'	'ODC TAP - SHELL CO2 GAS SUB 115KV CKT 1'	160	0.2581	106.1587	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS		0	2	13WP	G11_048	'TO->FROM'	'ODC TAP - SHELL CO2 GAS SUB 115KV CKT 1'	169	0.2555	105.1586	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS		0	2	18WP	G11_048	'TO->FROM'	'ODC TAP - SHELL CO2 GAS SUB 115KV CKT 1'	169	0.2565	104.8939	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00G11_048		2	13WP	G11_048	'TO->FROM'	'ODC TAP - SHELL CO2 GAS SUB 115KV CKT 1'	169	0.2555	104.868	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS		0	2	13SP	G11_048	'TO->FROM'	'ODC TAP - SHELL CO2 GAS SUB 115KV CKT 1'	169	0.2562	103.7624	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00G11_048		2	13SP	G11_048	'TO->FROM'	'ODC TAP - SHELL CO2 GAS SUB 115KV CKT 1'	169	0.2562	103.5373	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS		0	2	18SP	G11_048	'TO->FROM'	'PCA INTERCHANGE - SW3H64_V21 3115.00 115KV CKT 1'	160	0.0556	130.5692	'CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1 &CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1'
	FDNS	00G11_048		2	18SP	G11_048	'TO->FROM'	'PCA INTERCHANGE - SW3H64_V21 3115.00 115KV CKT 1'	160	0.0557	126.1693	'CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1 &CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1'
	FDNS		0	2	18WP	G11_048	'TO->FROM'	'PCA INTERCHANGE - SW3H64_V21 3115.00 115KV CKT 1'	177	0.0551	100.5303	'CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1 &CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1'
	FDNS	06G11_048		2	13G	G11_048	'TO->FROM'	'PLANT X STATION - TOLK STATION EAST 230KV CKT 2'	502	0.1503	101.8698	'PLANT X STATION - TOLK STATION WEST 230KV CKT 1 &LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1'
	FDNS	06G11_048		2	13G	G11_048	'TO->FROM'	'PLANT X STATION - TOLK STATION WEST 230KV CKT 1'	502	0.2519	132.4975	'PLANT X STATION - TOLK STATION EAST 230KV CKT 2 &TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'
	FDNS	06G11_048		2	13G	G11_048	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0322	103.3719	'TOLK STATION TAP - TOLK STATION WEST 230KV CKT 1 &LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1'
	FDNS	06G11_048		2	13G	G11_048	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0305	103.1659	'ROOSEVELT COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 2 &LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1'
	FDNS	06G11_048		2	13G	G11_048	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0677	102.6601	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1 &JONES STATION - TUCO INTERCHANGE 230KV CKT 1'
	FDNS	06G11_048		2	13G	G11_048	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.052	102.2282	'TOLK STATION EAST - TOLK STATION TAP 230KV CKT 1 &TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'
	FDNS	06G11_048		2	13G	G11_048	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0468	101.7478	'DEAF SMITH COUNTY INTERCHANGE - PLANT X STATION 230KV CKT 1 &PLANT X STATION - SUNDOWN INTERCHANGE 230KV CKT 1'
	FDNS	06G11_048		2	13G	G11_048	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0677	101.7086	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1 &JONES STATION - TUCO INTERCHANGE 230KV CKT 1'
	FDNS	06G11_048		2	13G	G11_048	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0322	101.6728	'TOLK STATION TAP - TOLK STATION WEST 230KV CKT 1 &LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1'
	FDNS	06G11_048		2	13G	G11_048	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0305	101.5292	'ROOSEVELT COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 2 &LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1'
	FDNS	06G11_048		2	13G	G11_048	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.052	101.3204	'TOLK STATION EAST - TOLK STATION TAP 230KV CKT 1 &TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING		CONTINGENCY
								(MVA)	TDF	(%MVA)		
	FDNS	06G11_048		2	13G	G11_048	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0559	101.1304	'Roosevelt County Interchange SOUTH - TOLK STATION EAST 230KV CKT 1 &TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'
	FDNS	06G11_048		2	13G	G11_048	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0562	100.6739	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1 &ANTELOPE 1 - TUCO INTERCHANGE 230KV CKT 1'
	FDNS	06G11_048		2	13G	G11_048	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0562	100.6739	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1 &G10-46 230.00 - TUCO INTERCHANGE 230KV CKT 1'
	FDNS	06G11_048		2	13G	G11_048	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0468	100.6265	'DEAF SMITH COUNTY INTERCHANGE - PLANT X STATION 230KV CKT 1 &PLANT X STATION - SUNDOWN INTERCHANGE 230KV CKT 1'
	FDNS	06G11_048		2	13G	G11_048	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0559	100.216	'Roosevelt County Interchange SOUTH - TOLK STATION EAST 230KV CKT 1 &TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'
	FDNS	06G11_048		2	13G	G11_048	'FROM->TO'	'PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1'	239	0.0581	100.0658	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1 &CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1'
	FDNS	06G11_048		2	13G	G11_048	'FROM->TO'	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	502	0.205	102.4374	'PLANT X STATION - TOLK STATION EAST 230KV CKT 2 &PLANT X STATION - TOLK STATION WEST 230KV CKT 1'
	FDNS	00NR		3	18SP	G11_048	'TO->FROM'	'Bennett Sub - ODC TAP 115KV CKT 1'	154	0.2468	100.4249	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3	18SP	G11_048	'FROM->TO'	'CUNNINGHAM STATION - SW3H64_V21 3115.00 115KV CKT 1'	160	0.0329	115.21	'CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1 &CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3	18SP	G11_048	'FROM->TO'	'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1'	160	0.2468	144.5938	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3	13WP	G11_048	'FROM->TO'	'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1'	177	0.2451	138.0205	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3	18SP	G11_048	'FROM->TO'	'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1'	160	0.2468	134.7862	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3	13SP	G11_048	'FROM->TO'	'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1'	177	0.2463	130.3392	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3	13WP	G11_048	'FROM->TO'	'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1'	177	0.2451	129.3986	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3	18WP	G11_048	'FROM->TO'	'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1'	177	0.2467	128.6976	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3	13SP	G11_048	'FROM->TO'	'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1'	177	0.2463	121.3847	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3	18WP	G11_048	'FROM->TO'	'DENVER CITY INTERCHANGE N. - EL PASO SUB 115KV CKT 1'	177	0.2467	119.75	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3	18SP	G11_048	'FROM->TO'	'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1'	160	0.2468	136.1294	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3	13WP	G11_048	'FROM->TO'	'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1'	177	0.2451	130.3742	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3	18SP	G11_048	'FROM->TO'	'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1'	160	0.2468	126.2801	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3	13SP	G11_048	'FROM->TO'	'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1'	177	0.2463	123.0534	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3	13WP	G11_048	'FROM->TO'	'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1'	177	0.2451	121.7315	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3	18WP	G11_048	'FROM->TO'	'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1'	177	0.2467	121.4303	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3	13SP	G11_048	'FROM->TO'	'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1'	177	0.2463	114.0611	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3	18WP	G11_048	'FROM->TO'	'EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1'	177	0.2467	112.4431	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3	13WP	G11_048	'FROM->TO'	'MUSTANG STATION (ENRCO 136161) 230/115/13.2KV TRANSFORMER CKT 1'	250	0.6089	144.1576	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3	13WP	G11_048	'FROM->TO'	'MUSTANG STATION (ENRCO 136161) 230/115/13.2KV TRANSFORMER CKT 1'	250	0.6089	144.085	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3	18WP	G11_048	'FROM->TO'	'MUSTANG STATION (ENRCO 136161) 230/115/13.2KV TRANSFORMER CKT 1'	250	0.611	143.036	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3	18WP	G11_048	'FROM->TO'	'MUSTANG STATION (ENRCO 136161) 230/115/13.2KV TRANSFORMER CKT 1'	250	0.611	142.9641	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3	13SP	G11_048	'FROM->TO'	'MUSTANG STATION (ENRCO 136161) 230/115/13.2KV TRANSFORMER CKT 1'	250	0.6115	138.6752	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3	13SP	G11_048	'FROM->TO'	'MUSTANG STATION (ENRCO 136161) 230/115/13.2KV TRANSFORMER CKT 1'	250	0.6115	138.6187	'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3	13WP	G11_048	'FROM->TO'	'MUSTANG STATION (ENRCO 136161) 230/115/13.2KV TRANSFORMER CKT 1'	250	0.6089	131.5442	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3	13WP	G11_048	'FROM->TO'	'MUSTANG STATION (ENRCO 136161) 230/115/13.2KV TRANSFORMER CKT 1'	250	0.6089	131.4814	'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3	18WP	G11_048	'FROM->TO'	'MUSTANG STATION (ENRCO 136161) 230/115/13.2KV TRANSFORMER CKT 1'	250	0.611	129.9283	'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	00NR		3 18WP	G11_048	'FROM->TO'	'MUSTANG STATION (ENRCO 136161) 230/115/13.2KV TRANSFORMER CKT 1'	250	0.611	129.8662		'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3 18SP	G11_048	'FROM->TO'	'MUSTANG STATION (ENRCO 136161) 230/115/13.2KV TRANSFORMER CKT 1'	288	0.6155	125.8058		'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3 18SP	G11_048	'FROM->TO'	'MUSTANG STATION (ENRCO 136161) 230/115/13.2KV TRANSFORMER CKT 1'	288	0.6155	125.7455		'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3 13SP	G11_048	'FROM->TO'	'MUSTANG STATION (ENRCO 136161) 230/115/13.2KV TRANSFORMER CKT 1'	250	0.6115	125.6141		'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3 13SP	G11_048	'FROM->TO'	'MUSTANG STATION (ENRCO 136161) 230/115/13.2KV TRANSFORMER CKT 1'	250	0.6115	125.5652		'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3 23SP	G11_048	'FROM->TO'	'MUSTANG STATION (ENRCO 136161) 230/115/13.2KV TRANSFORMER CKT 1'	250	0.6187	119.6816		'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3 23SP	G11_048	'FROM->TO'	'MUSTANG STATION (ENRCO 136161) 230/115/13.2KV TRANSFORMER CKT 1'	250	0.6187	119.645		'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3 18SP	G11_048	'FROM->TO'	'MUSTANG STATION (ENRCO 136161) 230/115/13.2KV TRANSFORMER CKT 1'	288	0.6155	114.7016		'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3 18SP	G11_048	'FROM->TO'	'MUSTANG STATION (ENRCO 136161) 230/115/13.2KV TRANSFORMER CKT 1'	288	0.6155	114.645		'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3 23SP	G11_048	'FROM->TO'	'MUSTANG STATION (ENRCO 136161) 230/115/13.2KV TRANSFORMER CKT 1'	250	0.6187	107.1999		'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3 23SP	G11_048	'FROM->TO'	'MUSTANG STATION (ENRCO 136161) 230/115/13.2KV TRANSFORMER CKT 1'	250	0.6187	107.1647		'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3 18SP	G11_048	'FROM->TO'	'MUSTANG STATION N. - SEAGRAVES INTERCHANGE 115KV CKT 1'	160	0.1746	107.3875		'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3 18SP	G11_048	'FROM->TO'	'MUSTANG STATION N. - SEAGRAVES INTERCHANGE 115KV CKT 1'	160	0.1746	101.4693		'OXYBRU_TP 6230.00 - YOAKUM COUNTY INTERCHANGE 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3 13WP	G11_048	'TO->FROM'	'ODC TAP - SHELL CO2 GAS SUB 115KV CKT 1'	169	0.2451	108.5971		'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3 18SP	G11_048	'TO->FROM'	'ODC TAP - SHELL CO2 GAS SUB 115KV CKT 1'	160	0.2468	106.2891		'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3 13SP	G11_048	'TO->FROM'	'ODC TAP - SHELL CO2 GAS SUB 115KV CKT 1'	169	0.2463	100.9223		'AMOCO WASSON SWITCHING STATION - MUSTANG STATION 230KV CKT 1 &MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3 18SP	G11_048	'TO->FROM'	'PCA INTERCHANGE - SW3H64_V21 3115.00 115KV CKT 1'	160	0.0329	115.1535		'CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1 &CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1'
	FDNS	00NR		3 13WP	G11_049	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0354	120.2129		'DBLCT3'
	FDNS	00NR		3 18WP	G11_049	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0346	118.132		'DBLCT3'
	FDNS	00NR		3 13WP	G11_049	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0354	116.7985		'DBLCT4'
	FDNS	00NR		3 13SP	G11_049	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0346	115.1448		'DBLCT3'
	FDNS	00NR		3 13WP	G11_049	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0498	107.5032		'CIMARRON - NORTHWEST 345KV CKT 1 &MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'
	FDNS	00NR		3 23SP	G11_049	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0365	104.5705		'PLVAL138KV'
	FDNS	00NR		3 13WP	G11_049	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0347	103.1106		'CIMARRON - NORTHWEST 345KV CKT 1 &CIMARRON - DRAPER LAKE 345KV CKT 1'
	FDNS	00NR		3 18SP	G11_049	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0337	101.8894		'PLVAL138KV'
	FDNS	00NR		3 18WP	G11_049	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.048	100.6795		'CIMARRON - NORTHWEST 345KV CKT 1 &MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'
	FDNS	00NR		3 23SP	G11_049	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	308	0.0577	137.92		'CIMARRONR'
	FDNS	00NR		3 18SP	G11_049	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	308	0.0523	135.5838		'CIMARRONR'
	FDNS	00NR		3 13WP	G11_049	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	375	0.0353	134.1864		'CIMARRONR'
	FDNS	00NR		3 18WP	G11_049	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	375	0.0326	122.2055		'CIMARRONR'
	FDNS	00NR		3 13SP	G11_049	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	375	0.0326	121.4968		'CIMARRONR'
	FDNS	07NR		3 13G	G11_049	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	308	0.0379	120.3526		'CIMARRONR'
	FDNS	00NR		3 23SP	G11_049	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	308	0.0471	109.1131		'DBLCT37'
	FDNS	07NR		3 13G	G11_049	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	308	0.0324	104.2619		'DBLCT37'

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING		
								(MVA)	TDF	(%MVA)	CONTINGENCY	
	FDNS	00NR		3	18SP	G11_049	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	308	0.0459	102.9486	'DBLCCT37'
	FDNS	00NR		3	13WP	G11_049	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	375	0.0304	100.0988	'DBLCCT37'
	FDNS	00NR		3	23SP	G11_049	'TO->FROM'	'CIMARRON - MATHWSN7 345.00 345KV CKT 1'	956	0.311	106.2705	'MATHWSN7 345.00 - NORTHWEST 345KV CKT 1 & CIMARRON - MATHWSN7 345.00 345KV CKT 2'
	FDNS	00NR		3	13WP	G11_049	'TO->FROM'	'CIMARRON - MATTHEWSON 345.00 345KV CKT 1'	956	0.229	136.5379	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 & CIMARRON - MATTHEWSON 345.00 345KV CKT 2'
	FDNS	00NR		3	13SP	G11_049	'TO->FROM'	'CIMARRON - MATTHEWSON 345.00 345KV CKT 1'	956	0.2236	134.1402	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 & CIMARRON - MATTHEWSON 345.00 345KV CKT 2'
	FDNS	00NR		3	18WP	G11_049	'TO->FROM'	'CIMARRON - MATTHEWSON 345.00 345KV CKT 1'	956	0.2235	132.4122	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 & CIMARRON - MATTHEWSON 345.00 345KV CKT 2'
	FDNS	00NR		3	18SP	G11_049	'TO->FROM'	'CIMARRON - MATTHEWSON 345.00 345KV CKT 1'	956	0.2602	107.0234	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 & CIMARRON - MATTHEWSON 345.00 345KV CKT 2'
	FDNS	00NR		3	13WP	G11_049	'TO->FROM'	'CIMARRON - MATTHEWSON 345.00 345KV CKT 2'	956	0.229	136.5379	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 & CIMARRON - MATTHEWSON 345.00 345KV CKT 1'
	FDNS	00NR		3	13SP	G11_049	'TO->FROM'	'CIMARRON - MATTHEWSON 345.00 345KV CKT 2'	956	0.2236	134.1402	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 & CIMARRON - MATTHEWSON 345.00 345KV CKT 1'
	FDNS	00NR		3	18WP	G11_049	'TO->FROM'	'CIMARRON - MATTHEWSON 345.00 345KV CKT 2'	956	0.2235	132.4122	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 & CIMARRON - MATTHEWSON 345.00 345KV CKT 1'
	FDNS	00NR		3	18SP	G11_049	'TO->FROM'	'CIMARRON - MATTHEWSON 345.00 345KV CKT 2'	956	0.2602	107.0234	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 & CIMARRON - MATTHEWSON 345.00 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_049	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0348	185.6808	'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	00NR		3	13SP	G11_049	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.034	180.4001	'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	00NR		3	18WP	G11_049	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.034	179.8951	'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	00NR		3	18SP	G11_049	'TO->FROM'	'CLEARWATER - MILAN TAP 138KV CKT 1'	110	0.0326	149.2368	'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	00NR		3	13WP	G11_049	'FROM->TO'	'CZECH HALL - XEROX 138KV CKT 1'	382	0.0354	112.1434	'DBLCCT3'
	FDNS	00NR		3	18WP	G11_049	'FROM->TO'	'CZECH HALL - XEROX 138KV CKT 1'	382	0.0346	110.1409	'DBLCCT3'
	FDNS	00NR		3	13WP	G11_049	'FROM->TO'	'CZECH HALL - XEROX 138KV CKT 1'	382	0.0354	108.7539	'DBLCCT4'
	FDNS	00NR		3	13SP	G11_049	'FROM->TO'	'CZECH HALL - XEROX 138KV CKT 1'	382	0.0346	107.1591	'DBLCCT3'
	FDNS	00NR		3	13WP	G11_049	'TO->FROM'	'DIVISION AVE - HAYMAKER 138KV CKT 1'	375	0.0353	129.5865	'CIMARRONR'
	FDNS	00NR		3	23SP	G11_049	'TO->FROM'	'DIVISION AVE - HAYMAKER 138KV CKT 1'	308	0.0577	127.7443	'CIMARRONR'
	FDNS	00NR		3	18SP	G11_049	'TO->FROM'	'DIVISION AVE - HAYMAKER 138KV CKT 1'	308	0.0523	126.9986	'CIMARRONR'
	FDNS	00NR		3	18WP	G11_049	'TO->FROM'	'DIVISION AVE - HAYMAKER 138KV CKT 1'	375	0.0326	117.2057	'CIMARRONR'
	FDNS	00NR		3	13SP	G11_049	'TO->FROM'	'DIVISION AVE - HAYMAKER 138KV CKT 1'	375	0.0326	116.4984	'CIMARRONR'
	FDNS	07NR		3	13G	G11_049	'TO->FROM'	'DIVISION AVE - HAYMAKER 138KV CKT 1'	308	0.0379	115.0856	'CIMARRONR'
	FDNS	00NR		3	18SP	G11_049	'FROM->TO'	'DIVISION AVE - MUSTANG 138KV CKT 1'	287	0.0521	103.328	'CIMARRONR'
	FDNS	00NR		3	13WP	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0979	111.3383	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 & MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	00NR		3	13SP	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.1001	110.3547	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 & MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	00NR		3	18WP	G11_049	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.1001	108.5377	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 & MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	00NR		3	13WP	G11_049	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0375	120.5591	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 & MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	00NR		3	18WP	G11_049	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0357	111.5312	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 & MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	00NR		3	13WP	G11_049	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0426	111.3323	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 & G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_049	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0426	111.3323	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2 & G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	00NR		3	13SP	G11_049	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0357	111.196	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 & MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING		CONTINGENCY
								(MVA)	TDF	(%MVA)		
	FDNS	00NR		3	13WP	G11_049	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0375	107.9903	'G11_024_1 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_049	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0375	107.5681	'G08-19 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_049	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0375	107.5512	'CRSRDSW7 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_049	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0375	107.5503	'G07-21 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_049	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0375	107.5023	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_049	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0375	107.5023	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_049	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0375	104.5016	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G11_051T 345.00 - G11_051_1 345.00 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_049	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0375	104.5	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_049	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0375	104.4963	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - G11_051_1 345.00 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_049	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0384	102.9701	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_049	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0384	102.9701	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2'
	FDNS	00NR		3	18WP	G11_049	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0405	102.6915	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2 &G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	00NR		3	18WP	G11_049	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0405	102.6783	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	00NR		3	13SP	G11_049	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0405	102.2328	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2 &G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	00NR		3	13SP	G11_049	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0405	102.2201	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_049	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0375	102.054	'G07-62 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	00NR		3	13SP	G11_049	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0357	100	'G11_024_1 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	00NR		3	18WP	G11_049	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0357	100	'G11_024_1 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_049	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0348	222.027	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	00NR		3	13SP	G11_049	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.034	216.236	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	00NR		3	18WP	G11_049	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.034	215.6404	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	00NR		3	18SP	G11_049	'FROM->TO'	'HARPER - MILAN TAP 138KV CKT 1'	95.6	0.0326	183.8473	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	00NR		3	13WP	G11_049	'FROM->TO'	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'	1195	0.2697	118.8321	'CIMARRON - MATTHEWSON 345.00 345KV CKT 1 &CIMARRON - MATTHEWSON 345.00 345KV CKT 2'
	FDNS	00NR		3	13SP	G11_049	'FROM->TO'	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'	1195	0.2657	117.1497	'CIMARRON - MATTHEWSON 345.00 345KV CKT 1 &CIMARRON - MATTHEWSON 345.00 345KV CKT 2'
	FDNS	00NR		3	18WP	G11_049	'FROM->TO'	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'	1195	0.2656	116.2146	'CIMARRON - MATTHEWSON 345.00 345KV CKT 1 &CIMARRON - MATTHEWSON 345.00 345KV CKT 2'
	FDNS	00NR		3	13WP	G11_049	'FROM->TO'	'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.05	113.7325	'NOWST382'
	FDNS	00NR		3	13WP	G11_049	'FROM->TO'	'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.05	111.8276	'NOWST382'
	FDNS	00NR		3	18SP	G11_049	'FROM->TO'	'QUAIL CREEK - SKYLINE 138KV CKT 1'	308	0.0406	106.0585	'MSTNG186'
	FDNS	00NR		3	23SP	G11_049	'FROM->TO'	'QUAIL CREEK - SKYLINE 138KV CKT 1'	308	0.0443	103.285	'MSTNG186'
	FDNS	00NR		3	23SP	G11_049	'FROM->TO'	'SEMINOLE 138/20.9KV TRANSFORMER CKT 1'	898	0.0495	9999	'MSKGE384-13'
	FDNS	00NR		3	23SP	G11_049	'FROM->TO'	'SEMINOLE 138/20.9KV TRANSFORMER CKT 1'	898	0.0495	9999	'MSKGE385'
	FDNS	00NR		3	23SP	G11_049	'FROM->TO'	'SEMINOLE 138/20.9KV TRANSFORMER CKT 1'	898	0.0495	9999	'SONR181'
	FDNS	00NR		3	23SP	G11_049	'FROM->TO'	'SEMINOLE 138/20.9KV TRANSFORMER CKT 1'	898	0.0495	9999	'SONR38'
	FDNS	00NR		3	23SP	G11_049	'FROM->TO'	'SEMINOLE 138/20.9KV TRANSFORMER CKT 1'	898	0.0495	9999	'SONR392'

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING		
								(MVA)	TDF	(%MVA)	CONTINGENCY	
	FDNS	00NR		3	13SP	G11_049	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0544	110.4318	'BENTON - WICHITA 345KV CKT 1 &VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	00NR		3	13SP	G11_049	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0413	109.8207	'BENTON - WICHITA 345KV CKT 1 &BENTON - WOLF CREEK 345KV CKT 1'
	FDNS	00NR		3	18WP	G11_049	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0413	108.7248	'BENTON - WICHITA 345KV CKT 1 &BENTON - WOLF CREEK 345KV CKT 1'
	FDNS	00NR		3	18WP	G11_049	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0544	108.459	'BENTON - WICHITA 345KV CKT 1 &VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_049	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.056	108.4164	'BENTON - WICHITA 345KV CKT 1 &VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	00NR		3	13SP	G11_049	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0464	108.1586	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_049	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0425	107.8255	'BENTON - WICHITA 345KV CKT 1 &BENTON - WOLF CREEK 345KV CKT 1'
	FDNS	00NR		3	13SP	G11_049	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0544	107.284	'BENTON - WICHITA 345KV CKT 1 &VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_049	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0478	106.9223	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		3	18WP	G11_049	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0464	106.7079	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		3	13SP	G11_049	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0413	105.8031	'BENTON - WICHITA 345KV CKT 1 &BENTON - WOLF CREEK 345KV CKT 1'
	FDNS	00NR		3	18WP	G11_049	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0544	105.4456	'BENTON - WICHITA 345KV CKT 1 &VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_049	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.056	105.2868	'BENTON - WICHITA 345KV CKT 1 &VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	00NR		3	13SP	G11_049	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0464	105.0111	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		3	18WP	G11_049	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0413	104.7789	'BENTON - WICHITA 345KV CKT 1 &BENTON - WOLF CREEK 345KV CKT 1'
	FDNS	00NR		3	13SP	G11_049	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0396	103.9437	'BENTON - ROSE HILL 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_049	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0425	103.9117	'BENTON - WICHITA 345KV CKT 1 &BENTON - WOLF CREEK 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_049	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0478	103.8357	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		3	18WP	G11_049	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0464	103.6514	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		3	18WP	G11_049	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0396	102.6884	'BENTON - ROSE HILL 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_049	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0408	102.018	'BENTON - ROSE HILL 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		3	13SP	G11_049	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0396	100.5967	'BENTON - ROSE HILL 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS		0	2	13WP	G11_050	'FROM->TO'	'LAWEASOKLUNI'	425	0.0958	110.8	'BASE CASE'
	FDNS	00G11_050		2	13WP	G11_050	'FROM->TO'	'LAWEASOKLUNI'	425	0.0953	103.4	'BASE CASE'
	FDNS	00G11_050		2	23SP	G11_050	'FROM->TO'	'MUSKOGEE - PECAN CREEK 345KV CKT 2'	717	0.0315	115.5734	'CLARKSVILLE - MUSKOGEE 345KV CKT 1 &MUSKOGEE - PECAN CREEK 345KV CKT 1'
	FDNS		0	2	23SP	G11_050	'FROM->TO'	'MUSKOGEE - PECAN CREEK 345KV CKT 2'	717	0.0315	114.8066	'CLARKSVILLE - MUSKOGEE 345KV CKT 1 &MUSKOGEE - PECAN CREEK 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_050	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.04	120.2129	'DBLCCT3'
	FDNS	00NR		3	18WP	G11_050	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0385	118.132	'DBLCCT3'
	FDNS	00NR		3	13WP	G11_050	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.04	116.7985	'DBLCCT4'
	FDNS	00NR		3	13WP	G11_050	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0347	115.1571	'DVISN138PCBA'
	FDNS	00NR		3	13SP	G11_050	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0402	115.1448	'DBLCCT3'
	FDNS	00NR		3	13WP	G11_050	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0486	107.5032	'CIMARRON - NORTHWEST 345KV CKT 1 &MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'
	FDNS	00NR		3	18WP	G11_050	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0312	106.3265	'DVISN138PCBB'
	FDNS	00NR		3	23SP	G11_050	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.032	104.5705	'PLVAL138KV'

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING	
								(MVA)	TDF	(%MVA)	CONTINGENCY
	FDNS	00NR	3	13SP	G11_050	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0324	104.5226	'DVISN138PCBB'
	FDNS	00NR	3	13WP	G11_050	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0433	103.1106	'CIMARRON - NORTHWEST 345KV CKT 1 & CIMARRON - DRAPER LAKE 345KV CKT 1'
	FDNS	00NR	3	13WP	G11_050	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0351	101.8898	'CIMARRON - DRAPER LAKE 345KV CKT 1 & DRAPER LAKE - SEMINOLE 345KV CKT 1'
	FDNS	00NR	3	18SP	G11_050	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0323	101.8894	'PLVAL138KV'
	FDNS	00NR	3	13WP	G11_050	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0351	101.8727	'CIMARRON - DRAPER LAKE 345KV CKT 1 & DRAPER LAKE - SEMINOLE 345KV CKT 2'
	FDNS	00NR	3	13WP	G11_050	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0352	101.7528	'DRAPR384'
	FDNS	00NR	3	13WP	G11_050	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0355	101.5903	'DBLCCT6'
	FDNS	00NR	3	13WP	G11_050	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0354	101.569	'CIMARRON - DRAPER LAKE 345KV CKT 1 & DRAPER LAKE - SEMINOLE 345KV CKT 3'
	FDNS	00NR	3	13WP	G11_050	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0354	101.5383	'DBLCCT7'
	FDNS	00NR	3	13WP	G11_050	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0358	101.2973	'DBLCCT5'
	FDNS	00NR	3	18WP	G11_050	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0446	100.6795	'CIMARRON - NORTHWEST 345KV CKT 1 & MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'
	FDNS	00NR	3	23SP	G11_050	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	308	0.0457	109.1131	'DBLCCT37'
	FDNS	00NR	3	18SP	G11_050	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	308	0.0462	102.9486	'DBLCCT37'
	FDNS	00NR	3	13WP	G11_050	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	375	0.0485	100.0988	'DBLCCT37'
	FDNS	00NR	3	13SP	G11_050	'FROM->TO'	'CIMARRON - SARA 138KV CKT 1'	382	0.0309	106.7874	'CMARN185'
	FDNS	00NR	3	13WP	G11_050	'FROM->TO'	'CZECH HALL - XEROX 138KV CKT 1'	382	0.04	112.1434	'DBLCCT3'
	FDNS	00NR	3	18WP	G11_050	'FROM->TO'	'CZECH HALL - XEROX 138KV CKT 1'	382	0.0385	110.1409	'DBLCCT3'
	FDNS	00NR	3	13WP	G11_050	'FROM->TO'	'CZECH HALL - XEROX 138KV CKT 1'	382	0.04	108.7539	'DBLCCT4'
	FDNS	00NR	3	13SP	G11_050	'FROM->TO'	'CZECH HALL - XEROX 138KV CKT 1'	382	0.0402	107.1591	'DBLCCT3'
	FDNS	00NR	3	13WP	G11_050	'FROM->TO'	'CZECH HALL - XEROX 138KV CKT 1'	382	0.0347	107.0061	'DVISN138PCBA'
	FDNS	00NR	3	13WP	G11_050	'FROM->TO'	'LAWEASOKLUNI'	425	0.0426	121.7	'BASE CASE'
	FDNS	00NR	3	18WP	G11_050	'FROM->TO'	'LAWEASOKLUNI'	425	0.0375	106.1	'BASE CASE'
	FDNS	00NR	3	13SP	G11_050	'FROM->TO'	'LAWEASOKLUNI'	425	0.0409	105.2	'BASE CASE'
	FDNS	00NR	3	13SP	G11_050	'FROM->TO'	'LEBROCK 345/18.0KV TRANSFORMER CKT 1'	225	0.0544	9999	'SPP-AEPW-D7'
	FDNS	00NR	3	18SP	G11_050	'FROM->TO'	'LEBROCK 345/18.0KV TRANSFORMER CKT 1'	225	0.041	9999	'SPP-AEPW-D7'
	FDNS	00NR	3	18WP	G11_050	'FROM->TO'	'LEBROCK 345/18.0KV TRANSFORMER CKT 1'	225	0.0559	9999	'SPP-AEPW-D7'
	FDNS	00NR	3	23SP	G11_050	'FROM->TO'	'LEBROCK 345/18.0KV TRANSFORMER CKT 1'	225	0.0403	9999	'SPP-AEPW-D7'
	FDNS	00NR	3	18SP	G11_050	'FROM->TO'	'LONGWOOD (LONGWOOD) 345/138/13.2KV TRANSFORMER CKT 1'	503	0.032	9999	'SPP-AEPW-D8'
	FDNS	00NR	3	23SP	G11_050	'FROM->TO'	'LONGWOOD (LONGWOOD) 345/138/13.2KV TRANSFORMER CKT 1'	503	0.0391	9999	'SPP-AEPW-D8'
	FDNS	00NR	3	23SP	G11_050	'FROM->TO'	'MUSKOGEE - PECAN CREEK 345KV CKT 1'	717	0.0624	113.9721	'CLARKSVILLE - MUSKOGEE 345KV CKT 1 & MUSKOGEE - PECAN CREEK 345KV CKT 2'
	FDNS	00NR	3	23SP	G11_050	'FROM->TO'	'MUSKOGEE - PECAN CREEK 345KV CKT 2'	717	0.0671	122.5931	'CLARKSVILLE - MUSKOGEE 345KV CKT 1 & MUSKOGEE - PECAN CREEK 345KV CKT 1'
	FDNS	00NR	3	18SP	G11_050	'FROM->TO'	'MUSKOGEE - PECAN CREEK 345KV CKT 2'	717	0.0803	102.5687	'CLARKSVILLE - MUSKOGEE 345KV CKT 1 & MUSKOGEE - PECAN CREEK 345KV CKT 1'
	FDNS	00NR	3	13WP	G11_050	'FROM->TO'	'STALL GENERATION 138/18.0KV TRANSFORMER CKT 1'	215	0.0383	9999	'SPP-AEPW-D8'
	FDNS	14NR	3	13G	G11_050	'FROM->TO'	'STALL GENERATION 138/18.0KV TRANSFORMER CKT 1'	215	0.0346	9999	'SPP-AEPW-D8'

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING		CONTINGENCY
								(MVA)	TDF	(%MVA)		
	FDNS	14NR		3	13G	G11_050	'FROM->TO'	'STALL GENERATION 138/18.0KV TRANSFORMER CKT 1'	215	0.0346	9999	'SPP-AEPW-D8'
	FDNS	00NR		3	13WP	G11_050	'FROM->TO'	'WILKES (WILKES) 345/138/13.2KV TRANSFORMER CKT 1'	493	0.0318	100.3907	'DIANA - WELSH 345KV CKT 1 &DIANA - WELSH 345KV CKT 2'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	308	0.0389	137.2107	'CIMARRONR'
	FDNS	01G11_051		2	13G	G11_051	'TO->FROM'	'CIMARRON - MATTHEWSON 345.00 345KV CKT 1'	956	0.316	128.84	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 &CIMARRON - MATTHEWSON 345.00 345KV CKT 2'
	FDNS	01G11_051		2	13G	G11_051	'TO->FROM'	'CIMARRON - MATTHEWSON 345.00 345KV CKT 2'	956	0.316	128.8401	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 &CIMARRON - MATTHEWSON 345.00 345KV CKT 1'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'CIMARRON (CIMARON1) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.0425	117.7548	'CMARN385'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'CIMARRON (CIMARON1) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.0425	114.1861	'CMARN385'
	FDNS	01G11_051		2	13G	G11_051	'TO->FROM'	'DIVISION AVE - HAYMAKER 138KV CKT 1'	308	0.0389	131.8959	'CIMARRONR'
	FDNS	01G11_051		2	13G	G11_051	'TO->FROM'	'EL RENO - ROMAN NOSE 138KV CKT 1'	153	0.0389	111.9934	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 &MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0927	148.4195	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 &MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0533	109.0593	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0451	105.0134	'THISTLE7 345.00 - WICHITA 345KV CKT 1 &THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0927	104.896	'G11_024_1 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0927	104.8956	'G08-19 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0927	104.8165	'CRSRDSW7 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0927	104.8114	'G07-21 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0927	104.5892	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0927	104.5892	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2 &G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0469	102.5153	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0469	102.5153	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 &THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0481	102.0026	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 &MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0481	102.0026	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 &MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0476	101.47	'CIMARRON - MATTHEWSON 345.00 345KV CKT 1 &MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0476	101.47	'CIMARRON - MATTHEWSON 345.00 345KV CKT 1 &MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0476	101.47	'CIMARRON - MATTHEWSON 345.00 345KV CKT 2 &MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0476	101.47	'CIMARRON - MATTHEWSON 345.00 345KV CKT 2 &MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0483	101.4212	'MATTHEWSON 345.00 - WOODRING 345KV CKT 1 &MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0483	101.4212	'MATTHEWSON 345.00 - WOODRING 345KV CKT 1 &MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0473	100.8829	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 &G11-007 345.00 - MATTHEWSON 345.00 345KV CKT 1'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0473	100.8829	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2 &G11-007 345.00 - MATTHEWSON 345.00 345KV CKT 1'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0927	100.5158	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1 &G11_051T 345.00 - G11_051_1 345.00 345KV CKT 1'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0377	100.3561	'GEN520922 1-SLEEPING BEAR'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0427	100.2154	'WDWRD69KVPCB'
	FDNS	01G11_051		2	13G	G11_051	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0319	118.133	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 &MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING		CONTINGENCY
								(MVA)	TDF	(%MVA)		
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'	1195	0.3502	112.6384	'CIMARRON - MATTHEWSON 345.00 345KV CKT 1 & CIMARRON - MATTHEWSON 345.00 345KV CKT 2'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.05	109.4268	'NOWST382'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.05	107.4449	'NOWST382'
	FDNS	01G11_051		2	13G	G11_051	'TO->FROM'	'ROMAN NOSE - SOUTHARD 138KV CKT 1'	153	0.0389	116.7407	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 & MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0345	103.3937	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 & BENTON - WICHITA 345KV CKT 1'
	FDNS	01G11_051		2	13G	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0345	101.2074	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 & BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0404	120.2129	'DBLCCT3'
	FDNS	00NR		3	18WP	G11_051	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0392	118.132	'DBLCCT3'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0404	116.7985	'DBLCCT4'
	FDNS	00NR		3	13SP	G11_051	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0392	115.1448	'DBLCCT3'
	FDNS	01NR		3	13G	G11_051	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.043	114.7444	'DBLCCT3'
	FDNS	01NR		3	13G	G11_051	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.043	111.4756	'DBLCCT4'
	FDNS	01NR		3	13G	G11_051	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0306	109.4556	'DVISN138PCBA'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0577	107.5032	'CIMARRON - NORTHWEST 345KV CKT 1 & MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'
	FDNS	01NR		3	13G	G11_051	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0599	104.7553	'CIMARRON - NORTHWEST 345KV CKT 1 & MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'
	FDNS	00NR		3	23SP	G11_051	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0376	104.5705	'PLVAL138KV'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0344	104.4578	'CIMARRON - MINCO 345KV CKT 1 & CIMARRON - DRAPER LAKE 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0344	104.192	'CMARN384'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0344	104.192	'DBLCCT8'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.038	103.1106	'CIMARRON - NORTHWEST 345KV CKT 1 & CIMARRON - DRAPER LAKE 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0328	101.8898	'CIMARRON - DRAPER LAKE 345KV CKT 1 & DRAPER LAKE - SEMINOLE 345KV CKT 1'
	FDNS	00NR		3	18SP	G11_051	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0353	101.8894	'PLVAL138KV'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0328	101.8727	'CIMARRON - DRAPER LAKE 345KV CKT 1 & DRAPER LAKE - SEMINOLE 345KV CKT 2'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0328	101.7528	'DRAPR384'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0325	101.5903	'DBLCCT6'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.033	101.569	'CIMARRON - DRAPER LAKE 345KV CKT 1 & DRAPER LAKE - SEMINOLE 345KV CKT 3'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.033	101.5383	'DBLCCT7'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0334	101.2973	'DBLCCT5'
	FDNS	00NR		3	18WP	G11_051	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0552	100.6795	'CIMARRON - NORTHWEST 345KV CKT 1 & MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'
	FDNS	01NR		3	13G	G11_051	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0367	100	'CIMARRON - MINCO 345KV CKT 1 & CIMARRON - DRAPER LAKE 345KV CKT 1'
	FDNS	01NR		3	13G	G11_051	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	308	0.0517	157.4379	'CIMARRONR'
	FDNS	00NR		3	23SP	G11_051	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	308	0.0677	137.92	'CIMARRONR'
	FDNS	00NR		3	18SP	G11_051	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	308	0.0647	135.5838	'CIMARRONR'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	375	0.0486	134.1864	'CIMARRONR'

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING		
								(MVA)	TDF	(%MVA)	CONTINGENCY	
	FDNS	00NR		3	18WP	G11_051	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	375	0.045	122.2055	'CIMARRONR'
	FDNS	00NR		3	13SP	G11_051	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	375	0.045	121.4968	'CIMARRONR'
	FDNS	01NR		3	13G	G11_051	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	308	0.0326	116.2093	'DBLCCT37'
	FDNS	00NR		3	23SP	G11_051	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	308	0.0469	109.1131	'DBLCCT37'
	FDNS	00NR		3	18SP	G11_051	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	308	0.0458	102.9486	'DBLCCT37'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	375	0.0308	100.0988	'DBLCCT37'
	FDNS	00NR		3	23SP	G11_051	'TO->FROM'	'CIMARRON - MATHWSN7 345.00 345KV CKT 1'	956	0.4265	106.2705	'MATHWSN7 345.00 - NORTHWEST 345KV CKT 1 & CIMARRON - MATHWSN7 345.00 345KV CKT 2'
	FDNS	01NR		3	13G	G11_051	'TO->FROM'	'CIMARRON - MATTHEWSON 345.00 345KV CKT 1'	956	0.3852	138.5876	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 & CIMARRON - MATTHEWSON 345.00 345KV CKT 2'
	FDNS	00NR		3	13WP	G11_051	'TO->FROM'	'CIMARRON - MATTHEWSON 345.00 345KV CKT 1'	956	0.3739	136.5379	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 & CIMARRON - MATTHEWSON 345.00 345KV CKT 2'
	FDNS	00NR		3	13SP	G11_051	'TO->FROM'	'CIMARRON - MATTHEWSON 345.00 345KV CKT 1'	956	0.3713	134.1402	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 & CIMARRON - MATTHEWSON 345.00 345KV CKT 2'
	FDNS	00NR		3	18WP	G11_051	'TO->FROM'	'CIMARRON - MATTHEWSON 345.00 345KV CKT 1'	956	0.3712	132.4122	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 & CIMARRON - MATTHEWSON 345.00 345KV CKT 2'
	FDNS	00NR		3	18SP	G11_051	'TO->FROM'	'CIMARRON - MATTHEWSON 345.00 345KV CKT 1'	956	0.4078	107.0234	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 & CIMARRON - MATTHEWSON 345.00 345KV CKT 2'
	FDNS	01NR		3	13G	G11_051	'TO->FROM'	'CIMARRON - MATTHEWSON 345.00 345KV CKT 2'	956	0.3852	138.5876	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 & CIMARRON - MATTHEWSON 345.00 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_051	'TO->FROM'	'CIMARRON - MATTHEWSON 345.00 345KV CKT 2'	956	0.3739	136.5379	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 & CIMARRON - MATTHEWSON 345.00 345KV CKT 1'
	FDNS	00NR		3	13SP	G11_051	'TO->FROM'	'CIMARRON - MATTHEWSON 345.00 345KV CKT 2'	956	0.3713	134.1402	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 & CIMARRON - MATTHEWSON 345.00 345KV CKT 1'
	FDNS	00NR		3	18WP	G11_051	'TO->FROM'	'CIMARRON - MATTHEWSON 345.00 345KV CKT 2'	956	0.3712	132.4122	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 & CIMARRON - MATTHEWSON 345.00 345KV CKT 1'
	FDNS	00NR		3	18SP	G11_051	'TO->FROM'	'CIMARRON - MATTHEWSON 345.00 345KV CKT 2'	956	0.4078	107.0234	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 & CIMARRON - MATTHEWSON 345.00 345KV CKT 1'
	FDNS	00NR		3	18WP	G11_051	'FROM->TO'	'CIMARRON - SARA 138KV CKT 1'	382	0.0314	113.7926	'MSTNG186'
	FDNS	00NR		3	13SP	G11_051	'FROM->TO'	'CIMARRON - SARA 138KV CKT 1'	382	0.0314	111.7302	'MSTNG186'
	FDNS	00NR		3	18WP	G11_051	'FROM->TO'	'CIMARRON - SARA 138KV CKT 1'	382	0.0326	109.081	'CMARN185'
	FDNS	00NR		3	13SP	G11_051	'FROM->TO'	'CIMARRON - SARA 138KV CKT 1'	382	0.0326	106.7874	'CMARN185'
	FDNS	00NR		3	18WP	G11_051	'FROM->TO'	'CIMARRON - SARA 138KV CKT 1'	382	0.0353	101.5302	'DBLCCT7'
	FDNS	00NR		3	18WP	G11_051	'FROM->TO'	'CIMARRON - SARA 138KV CKT 1'	382	0.0405	101.5182	'CIMARRON - MINCO 345KV CKT 1 & CIMARRON - DRAPER LAKE 345KV CKT 1'
	FDNS	00NR		3	18WP	G11_051	'FROM->TO'	'CIMARRON - SARA 138KV CKT 1'	382	0.0406	101.2999	'CMARN384'
	FDNS	00NR		3	18WP	G11_051	'FROM->TO'	'CIMARRON - SARA 138KV CKT 1'	382	0.0406	101.2999	'DBLCCT8'
	FDNS	00NR		3	13SP	G11_051	'FROM->TO'	'CIMARRON - SARA 138KV CKT 1'	382	0.0406	100.4748	'CIMARRON - MINCO 345KV CKT 1 & CIMARRON - DRAPER LAKE 345KV CKT 1'
	FDNS	00NR		3	13SP	G11_051	'FROM->TO'	'CIMARRON - SARA 138KV CKT 1'	382	0.0406	100.3463	'CMARN384'
	FDNS	00NR		3	13SP	G11_051	'FROM->TO'	'CIMARRON - SARA 138KV CKT 1'	382	0.0406	100.3463	'DBLCCT8'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'CZECH HALL - XEROX 138KV CKT 1'	382	0.0404	112.1434	'DBLCCT3'
	FDNS	00NR		3	18WP	G11_051	'FROM->TO'	'CZECH HALL - XEROX 138KV CKT 1'	382	0.0392	110.1409	'DBLCCT3'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'CZECH HALL - XEROX 138KV CKT 1'	382	0.0404	108.7539	'DBLCCT4'
	FDNS	00NR		3	13SP	G11_051	'FROM->TO'	'CZECH HALL - XEROX 138KV CKT 1'	382	0.0392	107.1591	'DBLCCT3'
	FDNS	01NR		3	13G	G11_051	'FROM->TO'	'CZECH HALL - XEROX 138KV CKT 1'	382	0.043	107.0241	'DBLCCT3'
	FDNS	01NR		3	13G	G11_051	'FROM->TO'	'CZECH HALL - XEROX 138KV CKT 1'	382	0.043	103.7781	'DBLCCT4'

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING		CONTINGENCY
								(MVA)	TDF	(%MVA)		
	FDNS	01NR	3	13G	G11_051	'FROM->TO'	'CZECH HALL - XEROX 138KV CKT 1'	382	0.0306	101.6536		'DVISN138PCBA'
	FDNS	01NR	3	13G	G11_051	'TO->FROM'	'DIVISION AVE - HAYMAKER 138KV CKT 1'	308	0.0517	152.0967		'CIMARRONR'
	FDNS	00NR	3	13WP	G11_051	'TO->FROM'	'DIVISION AVE - HAYMAKER 138KV CKT 1'	375	0.0486	129.5865		'CIMARRONR'
	FDNS	00NR	3	23SP	G11_051	'TO->FROM'	'DIVISION AVE - HAYMAKER 138KV CKT 1'	308	0.0677	127.7443		'CIMARRONR'
	FDNS	00NR	3	18SP	G11_051	'TO->FROM'	'DIVISION AVE - HAYMAKER 138KV CKT 1'	308	0.0647	126.9986		'CIMARRONR'
	FDNS	00NR	3	18WP	G11_051	'TO->FROM'	'DIVISION AVE - HAYMAKER 138KV CKT 1'	375	0.045	117.2057		'CIMARRONR'
	FDNS	00NR	3	13SP	G11_051	'TO->FROM'	'DIVISION AVE - HAYMAKER 138KV CKT 1'	375	0.045	116.4984		'CIMARRONR'
	FDNS	01NR	3	13G	G11_051	'TO->FROM'	'DIVISION AVE - HAYMAKER 138KV CKT 1'	308	0.0326	110.9286		'DBLCCT37'
	FDNS	01NR	3	13G	G11_051	'FROM->TO'	'DIVISION AVE - MUSTANG 138KV CKT 1'	287	0.0308	134.3665		'CIMARRONR'
	FDNS	00NR	3	18SP	G11_051	'FROM->TO'	'DIVISION AVE - MUSTANG 138KV CKT 1'	287	0.0659	103.328		'CIMARRONR'
	FDNS	01NR	3	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0639	113.3848		'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 & THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2'
	FDNS	00NR	3	13WP	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.1152	111.3383		'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 & MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	00NR	3	13SP	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.1174	110.3547		'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 & MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	01NR	3	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0572	108.5864		'THISTLE7 345.00 - WICHITA 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	00NR	3	18WP	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.1174	108.5377		'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 & MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	01NR	3	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.1136	108.5038		'G11_024_1 345.00 - TATONGA7 345.00 345KV CKT 1 & G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01NR	3	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.1136	108.4364		'G08-19 345.00 - TATONGA7 345.00 345KV CKT 1 & G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01NR	3	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.1136	108.3468		'CRSRDSW7 345.00 - TATONGA7 345.00 345KV CKT 1 & G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01NR	3	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.1136	108.3429		'G07-21 345.00 - TATONGA7 345.00 345KV CKT 1 & G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01NR	3	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.1136	108.1071		'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 & G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01NR	3	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.1136	108.1071		'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2 & G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01NR	3	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0561	105.9874		'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 & THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	01NR	3	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0561	105.9874		'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 & THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2'
	FDNS	01NR	3	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0614	105.685		'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 & MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01NR	3	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0614	105.685		'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1 & MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	01NR	3	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0606	105.1587		'CIMARRON - MATTHEWSON 345.00 345KV CKT 1 & MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01NR	3	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0606	105.1587		'CIMARRON - MATTHEWSON 345.00 345KV CKT 1 & MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	01NR	3	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0606	105.1587		'CIMARRON - MATTHEWSON 345.00 345KV CKT 2 & MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01NR	3	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0606	105.1587		'CIMARRON - MATTHEWSON 345.00 345KV CKT 2 & MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	01NR	3	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.061	105.1481		'MATTHEWSON 345.00 - WOODRING 345KV CKT 1 & MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01NR	3	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.061	105.1481		'MATTHEWSON 345.00 - WOODRING 345KV CKT 1 & MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	01NR	3	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0603	104.4981		'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 & G11-007 345.00 - MATTHEWSON 345.00 345KV CKT 1'
	FDNS	01NR	3	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0603	104.4981		'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2 & G11-007 345.00 - MATTHEWSON 345.00 345KV CKT 1'
	FDNS	01NR	3	13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.1136	104.0335		'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1 & G11_051T 345.00 - G11_051_1 345.00 345KV CKT 1'

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING	
								(MVA)	TDF	(%MVA)	CONTINGENCY
	FDNS	01NR		3 13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0555	103.6448	'WDWRD69KVPCB'
	FDNS	01NR		3 13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.049	103.3066	'GEN520922 1-SLEEPING BEAR'
	FDNS	01NR		3 13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0547	102.3119	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	01NR		3 13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0547	102.3119	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 & THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	01NR		3 13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0547	102.3119	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2 & THISTLE7 345.00 - WICHITA 345KV CKT 1'
	FDNS	01NR		3 13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0547	102.3119	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2 & THISTLE7 345.00 - WICHITA 345KV CKT 2'
	FDNS	01NR		3 13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0603	102.0469	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 & G07-21 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01NR		3 13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0603	102.0469	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2 & G07-21 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01NR		3 13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0603	101.9339	'CRSRDSW7 345.00 - TATONGA7 345.00 345KV CKT 1 & MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01NR		3 13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0603	101.9339	'CRSRDSW7 345.00 - TATONGA7 345.00 345KV CKT 1 & MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	01NR		3 13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0533	100.8055	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 & BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	01NR		3 13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0533	100.8055	'BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 & BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2'
	FDNS	01NR		3 13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0603	100.6842	'G08-19 345.00 - TATONGA7 345.00 345KV CKT 1 & MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01NR		3 13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0603	100.6842	'G08-19 345.00 - TATONGA7 345.00 345KV CKT 1 & MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	01NR		3 13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0554	100.6002	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 & BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	01NR		3 13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0554	100.6002	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 & BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2'
	FDNS	01NR		3 13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0554	100.6002	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2 & BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
	FDNS	01NR		3 13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0554	100.6002	'THISTLE7 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2 & BEAVER CO 345.00 - WOODWARD DISTRICT EHV 345KV CKT 2'
	FDNS	01NR		3 13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.049	100.3383	'BASE CASE'
	FDNS	01NR		3 13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0515	100	'ELK CITY 230KV - SWEETWATER 230KV CKT 1 & NEXTERA - SWEETWATER 230KV CKT 1'
	FDNS	01NR		3 13G	G11_051	'FROM->TO'	'FPL SWITCH - MOORELAND 138KV CKT 1'	287	0.0515	100	'ELK CITY 230KV - SWEETWATER 230KV CKT 1 & ROARK6 230.00 - SWEETWATER 230KV CKT 1'
	FDNS	00NR		3 13WP	G11_051	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0415	120.5591	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 & MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	00NR		3 18WP	G11_051	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0397	111.5312	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 & MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	00NR		3 13SP	G11_051	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0397	111.196	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 & MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2'
	FDNS	00NR		3 13WP	G11_051	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0415	107.9903	'G11_024_1 345.00 - TATONGA7 345.00 345KV CKT 1 & G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	00NR		3 13WP	G11_051	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0415	107.5681	'G08-19 345.00 - TATONGA7 345.00 345KV CKT 1 & G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	00NR		3 13WP	G11_051	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0415	107.5512	'CRSRDSW7 345.00 - TATONGA7 345.00 345KV CKT 1 & G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	00NR		3 13WP	G11_051	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0415	107.5503	'G07-21 345.00 - TATONGA7 345.00 345KV CKT 1 & G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	00NR		3 13WP	G11_051	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0415	107.5023	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 1 & G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	00NR		3 13WP	G11_051	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0415	107.5023	'MATTHEWSON 345.00 - TATONGA7 345.00 345KV CKT 2 & G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	00NR		3 13WP	G11_051	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0415	104.4963	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1 & G11_051T 345.00 - G11_051_1 345.00 345KV CKT 1'
	FDNS	00NR		3 13SP	G11_051	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0397	100	'G11_024_1 345.00 - TATONGA7 345.00 345KV CKT 1 & G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	00NR		3 18WP	G11_051	'TO->FROM'	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'	124	0.0397	100	'G11_024_1 345.00 - TATONGA7 345.00 345KV CKT 1 & G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
	FDNS	01NR		3 13G	G11_051	'FROM->TO'	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'	1195	0.4357	121.0258	'CIMARRON - MATTHEWSON 345.00 345KV CKT 1 & CIMARRON - MATTHEWSON 345.00 345KV CKT 2'

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING		CONTINGENCY
								(MVA)	TDF	(%MVA)		
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'	1195	0.4242	118.8321	'CIMARRON - MATTHEWSON 345.00 345KV CKT 1 & CIMARRON - MATTHEWSON 345.00 345KV CKT 2'
	FDNS	00NR		3	13SP	G11_051	'FROM->TO'	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'	1195	0.423	117.1497	'CIMARRON - MATTHEWSON 345.00 345KV CKT 1 & CIMARRON - MATTHEWSON 345.00 345KV CKT 2'
	FDNS	00NR		3	18WP	G11_051	'FROM->TO'	'MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'	1195	0.4229	116.2146	'CIMARRON - MATTHEWSON 345.00 345KV CKT 1 & CIMARRON - MATTHEWSON 345.00 345KV CKT 2'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.0652	113.7325	'NOWST382'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.0652	111.8276	'NOWST382'
	FDNS	01NR		3	13G	G11_051	'FROM->TO'	'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.0701	108.1938	'NOWST382'
	FDNS	01NR		3	13G	G11_051	'FROM->TO'	'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.0701	106.5167	'NOWST382'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.0307	103.6733	'NOWST383'
	FDNS	01NR		3	13G	G11_051	'FROM->TO'	'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.0325	101.9971	'NOWST383'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.0307	101.8084	'NOWST383'
	FDNS	01NR		3	13G	G11_051	'FROM->TO'	'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.0325	100.3052	'NOWST383'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.0311	100.3012	'CIMARRONR'
	FDNS	01NR		3	13G	G11_051	'FROM->TO'	'QUAIL CREEK - SKYLINE 138KV CKT 1'	308	0.0317	108.7408	'MSTNG186'
	FDNS	00NR		3	18SP	G11_051	'FROM->TO'	'QUAIL CREEK - SKYLINE 138KV CKT 1'	308	0.0469	106.0585	'MSTNG186'
	FDNS	00NR		3	23SP	G11_051	'FROM->TO'	'QUAIL CREEK - SKYLINE 138KV CKT 1'	308	0.0488	103.285	'MSTNG186'
	FDNS	00NR		3	23SP	G11_051	'FROM->TO'	'SEMINOLE 138/20.9KV TRANSFORMER CKT 1'	898	0.0495	9999	'MSKGE384-13'
	FDNS	00NR		3	23SP	G11_051	'FROM->TO'	'SEMINOLE 138/20.9KV TRANSFORMER CKT 1'	898	0.0495	9999	'MSKGE385'
	FDNS	00NR		3	23SP	G11_051	'FROM->TO'	'SEMINOLE 138/20.9KV TRANSFORMER CKT 1'	898	0.0495	9999	'SONR181'
	FDNS	00NR		3	23SP	G11_051	'FROM->TO'	'SEMINOLE 138/20.9KV TRANSFORMER CKT 1'	898	0.0495	9999	'SONR38'
	FDNS	00NR		3	23SP	G11_051	'FROM->TO'	'SEMINOLE 138/20.9KV TRANSFORMER CKT 1'	898	0.0495	9999	'SONR392'
	FDNS	00NR		3	13SP	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0444	110.4318	'BENTON - WICHITA 345KV CKT 1 & VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	00NR		3	13SP	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0354	109.8207	'BENTON - WICHITA 345KV CKT 1 & BENTON - WOLF CREEK 345KV CKT 1'
	FDNS	00NR		3	18WP	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0354	108.7248	'BENTON - WICHITA 345KV CKT 1 & BENTON - WOLF CREEK 345KV CKT 1'
	FDNS	00NR		3	18WP	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0444	108.459	'BENTON - WICHITA 345KV CKT 1 & VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0456	108.4164	'BENTON - WICHITA 345KV CKT 1 & VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	00NR		3	13SP	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0401	108.1586	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 & BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0363	107.8255	'BENTON - WICHITA 345KV CKT 1 & BENTON - WOLF CREEK 345KV CKT 1'
	FDNS	00NR		3	13SP	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0444	107.284	'BENTON - WICHITA 345KV CKT 1 & VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0412	106.9223	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 & BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		3	18WP	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0401	106.7079	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 & BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		3	13SP	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0354	105.8031	'BENTON - WICHITA 345KV CKT 1 & BENTON - WOLF CREEK 345KV CKT 1'
	FDNS	01NR		3	13G	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0364	105.6495	'BENTON - WICHITA 345KV CKT 1 & BENTON - WOLF CREEK 345KV CKT 1'
	FDNS	00NR		3	18WP	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0444	105.4456	'BENTON - WICHITA 345KV CKT 1 & VIOLA 7 345.00 - WICHITA 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0456	105.2868	'BENTON - WICHITA 345KV CKT 1 & VIOLA 7 345.00 - WICHITA 345KV CKT 1'

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING		CONTINGENCY
								(MVA)	TDF	(%MVA)		
	FDNS	00NR		3	13SP	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0401	105.0111	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	01NR		3	13G	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0412	104.9664	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		3	18WP	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0354	104.7789	'BENTON - WICHITA 345KV CKT 1 &BENTON - WOLF CREEK 345KV CKT 1'
	FDNS	00NR		3	13SP	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0341	103.9437	'BENTON - ROSE HILL 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0363	103.9117	'BENTON - WICHITA 345KV CKT 1 &BENTON - WOLF CREEK 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0412	103.8357	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		3	18WP	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0401	103.6514	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	01NR		3	13G	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0364	103.0991	'BENTON - WICHITA 345KV CKT 1 &BENTON - WOLF CREEK 345KV CKT 1'
	FDNS	01NR		3	13G	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0412	102.7522	'EMPORIA ENERGY CENTER - WICHITA 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		3	18WP	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0341	102.6884	'BENTON - ROSE HILL 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		3	13WP	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.035	102.018	'BENTON - ROSE HILL 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	01NR		3	13G	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0348	101.3283	'BENTON - ROSE HILL 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	00NR		3	13SP	G11_051	'FROM->TO'	'WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 1'	440	0.0341	100.5967	'BENTON - ROSE HILL 345KV CKT 1 &BENTON - WICHITA 345KV CKT 1'
	FDNS	01G11_054		2	13G	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0528	102.4746	'DBLCT3'
	FDNS	01G11_054		2	13G	G11_054	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	308	0.0819	140.0625	'CIMARRONR'
	FDNS	01G11_054		2	13G	G11_054	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	308	0.0397	103.6038	'DBLCT37'
	FDNS	01G11_054		2	13G	G11_054	'FROM->TO'	'CIMARRON (CIMARON1) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.1175	120.1624	'CMARN385'
	FDNS	01G11_054		2	13G	G11_054	'FROM->TO'	'CIMARRON (CIMARON1) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.1175	116.5924	'CMARN385'
	FDNS	00G11_054		2	13WP	G11_054	'FROM->TO'	'CIMARRON (CIMARON1) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.1167	104.4923	'CMARN385'
	FDNS	00G11_054		2	18WP	G11_054	'FROM->TO'	'CIMARRON (CIMARON1) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.1165	103.8051	'CMARN385'
	FDNS	00G11_054		2	13SP	G11_054	'FROM->TO'	'CIMARRON (CIMARON1) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.1167	102.5745	'CMARN385'
	FDNS	00G11_054		2	13WP	G11_054	'FROM->TO'	'CIMARRON (CIMARON1) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.1167	101.5759	'CMARN385'
	FDNS	00G11_054		2	18WP	G11_054	'FROM->TO'	'CIMARRON (CIMARON1) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.1165	100.7719	'CMARN385'
	FDNS	01G11_054		2	13G	G11_054	'FROM->TO'	'CIMARRON (CIMARON2) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.0817	100	'CMARN181'
	FDNS	01G11_054		2	13G	G11_054	'TO->FROM'	'DIVISION AVE - HAYMAKER 138KV CKT 1'	308	0.0819	134.7434	'CIMARRONR'
	FDNS	01G11_054		2	13G	G11_054	'FROM->TO'	'DIVISION AVE - MUSTANG 138KV CKT 1'	287	0.0514	128.2582	'CIMARRONR'
	FDNS	00G11_054		2	18WP	G11_054	'FROM->TO'	'DIVISION AVE - MUSTANG 138KV CKT 1'	287	0.0528	113.2751	'CIMARRONR'
	FDNS	00G11_054		2	13SP	G11_054	'FROM->TO'	'DIVISION AVE - MUSTANG 138KV CKT 1'	287	0.053	111.6151	'CIMARRONR'
	FDNS	00G11_054		2	13WP	G11_054	'FROM->TO'	'DIVISION AVE - MUSTANG 138KV CKT 1'	287	0.0509	109.0692	'CIMARRONR'
	FDNS	0		2	18WP	G11_054	'FROM->TO'	'DIVISION AVE - MUSTANG 138KV CKT 1'	287	0.0528	103.7647	'CIMARRONR'
	FDNS	0		2	13SP	G11_054	'FROM->TO'	'DIVISION AVE - MUSTANG 138KV CKT 1'	287	0.053	101.4289	'CIMARRONR'
	FDNS	0		2	13WP	G11_054	'FROM->TO'	'LAWEASOKLUNI'	425	0.0579	110.8	'BASE CASE'
	FDNS	01G11_054		2	13G	G11_054	'FROM->TO'	'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.0547	110.4478	'NOWST382'
	FDNS	01G11_054		2	13G	G11_054	'FROM->TO'	'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.0547	108.452	'NOWST382'

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING		
								(MVA)	TDF	(%MVA)	CONTINGENCY	
	FDNS	01G11_054		2	13G	G11_054	'FROM->TO'	'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.0337	106.2365	'NOWST383'
	FDNS	01G11_054		2	13G	G11_054	'FROM->TO'	'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.0337	104.2398	'NOWST383'
	FDNS	01G11_054		2	13G	G11_054	'FROM->TO'	'QUAIL CREEK - SKYLINE 138KV CKT 1'	308	0.0316	104.2562	'MSTNG186'
	FDNS	00NR		3	13WP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0691	120.2129	'DBLCCT3'
	FDNS	00NR		3	18WP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0681	118.132	'DBLCCT3'
	FDNS	00NR		3	13WP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0691	116.7985	'DBLCCT4'
	FDNS	00NR		3	13WP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.049	115.1571	'DVISN138PCBA'
	FDNS	00NR		3	13SP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0681	115.1448	'DBLCCT3'
	FDNS	01NR		3	13G	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0711	114.7444	'DBLCCT3'
	FDNS	01NR		3	13G	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0711	111.4756	'DBLCCT4'
	FDNS	00NR		3	13WP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0431	110.953	'BUS23'
	FDNS	01NR		3	13G	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0502	109.4556	'DVISN138PCBA'
	FDNS	00NR		3	13WP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0867	107.5032	'CIMARRON - NORTHWEST 345KV CKT 1 & MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'
	FDNS	00NR		3	18WP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0441	106.3265	'DVISN138PCBB'
	FDNS	01NR		3	13G	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0443	105.452	'BUS23'
	FDNS	01NR		3	13G	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0881	104.7553	'CIMARRON - NORTHWEST 345KV CKT 1 & MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'
	FDNS	00NR		3	23SP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0564	104.5705	'PLVAL138KV'
	FDNS	00NR		3	13SP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0441	104.5226	'DVISN138PCBB'
	FDNS	00NR		3	13WP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0634	104.4578	'CIMARRON - MINCO 345KV CKT 1 & CIMARRON - DRAPER LAKE 345KV CKT 1'
	FDNS	00NR		3	18WP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0393	104.2863	'BUS23'
	FDNS	00NR		3	13WP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0635	104.192	'CMARN384'
	FDNS	00NR		3	13WP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0635	104.192	'DBLCCT8'
	FDNS	00NR		3	13WP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0384	103.5362	'MEMRL138PCB'
	FDNS	00NR		3	13WP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0758	103.1106	'CIMARRON - NORTHWEST 345KV CKT 1 & CIMARRON - DRAPER LAKE 345KV CKT 1'
	FDNS	00NR		3	13SP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0393	102.6856	'BUS23'
	FDNS	00NR		3	13WP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.048	102.2979	'CMARN186'
	FDNS	00NR		3	13WP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0407	101.9405	'DBLCCT31'
	FDNS	00NR		3	13WP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0569	101.8898	'CIMARRON - DRAPER LAKE 345KV CKT 1 & DRAPER LAKE - SEMINOLE 345KV CKT 1'
	FDNS	00NR		3	18SP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0549	101.8894	'PLVAL138KV'
	FDNS	00NR		3	13WP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0569	101.8727	'CIMARRON - DRAPER LAKE 345KV CKT 1 & DRAPER LAKE - SEMINOLE 345KV CKT 2'
	FDNS	00NR		3	13WP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.057	101.7528	'DRAPR384'
	FDNS	00NR		3	13WP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0565	101.5903	'DBLCCT6'
	FDNS	00NR		3	13WP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0572	101.569	'CIMARRON - DRAPER LAKE 345KV CKT 1 & DRAPER LAKE - SEMINOLE 345KV CKT 3'
	FDNS	00NR		3	13WP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0573	101.5383	'DBLCCT7'

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING	
								(MVA)	TDF	(%MVA)	CONTINGENCY
	FDNS	00NR	3	18WP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0478	101.3297	'CMARN186'
	FDNS	00NR	3	13WP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0578	101.2973	'DBLCCT5'
	FDNS	00NR	3	18WP	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0828	100.6795	'CIMARRON - NORTHWEST 345KV CKT 1 & MATTHEWSON 345.00 - NORTHWEST 345KV CKT 1'
	FDNS	01NR	3	13G	G11_054	'FROM->TO'	'CIMARRON - CZECH HALL 138KV CKT 1'	382	0.0652	100	'CIMARRON - MINCO 345KV CKT 1 & CIMARRON - DRAPER LAKE 345KV CKT 1'
	FDNS	01NR	3	13G	G11_054	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	308	0.1008	157.4379	'CIMARRONR'
	FDNS	00NR	3	23SP	G11_054	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	308	0.1146	137.92	'CIMARRONR'
	FDNS	00NR	3	18SP	G11_054	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	308	0.1142	135.5838	'CIMARRONR'
	FDNS	00NR	3	13WP	G11_054	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	375	0.0985	134.1864	'CIMARRONR'
	FDNS	00NR	3	18WP	G11_054	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	375	0.0945	122.2055	'CIMARRONR'
	FDNS	00NR	3	13SP	G11_054	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	375	0.0945	121.4968	'CIMARRONR'
	FDNS	01NR	3	13G	G11_054	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	308	0.0583	116.2093	'DBLCCT37'
	FDNS	00NR	3	23SP	G11_054	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	308	0.0726	109.1131	'DBLCCT37'
	FDNS	00NR	3	18SP	G11_054	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	308	0.0726	102.9486	'DBLCCT37'
	FDNS	00NR	3	13WP	G11_054	'FROM->TO'	'CIMARRON - HAYMAKER 138KV CKT 1'	375	0.0573	100.0988	'DBLCCT37'
	FDNS	00NR	3	18WP	G11_054	'FROM->TO'	'CIMARRON - SARA 138KV CKT 1'	382	0.0501	113.7926	'MSTNG186'
	FDNS	00NR	3	13SP	G11_054	'FROM->TO'	'CIMARRON - SARA 138KV CKT 1'	382	0.0501	111.7302	'MSTNG186'
	FDNS	00NR	3	18WP	G11_054	'FROM->TO'	'CIMARRON - SARA 138KV CKT 1'	382	0.055	109.081	'CMARN185'
	FDNS	00NR	3	13SP	G11_054	'FROM->TO'	'CIMARRON - SARA 138KV CKT 1'	382	0.055	106.7874	'CMARN185'
	FDNS	00NR	3	18WP	G11_054	'FROM->TO'	'CIMARRON - SARA 138KV CKT 1'	382	0.0592	101.5302	'DBLCCT7'
	FDNS	00NR	3	18WP	G11_054	'FROM->TO'	'CIMARRON - SARA 138KV CKT 1'	382	0.0746	101.5182	'CIMARRON - MINCO 345KV CKT 1 & CIMARRON - DRAPER LAKE 345KV CKT 1'
	FDNS	00NR	3	18WP	G11_054	'FROM->TO'	'CIMARRON - SARA 138KV CKT 1'	382	0.0747	101.2999	'CMARN384'
	FDNS	00NR	3	18WP	G11_054	'FROM->TO'	'CIMARRON - SARA 138KV CKT 1'	382	0.0747	101.2999	'DBLCCT8'
	FDNS	00NR	3	13SP	G11_054	'FROM->TO'	'CIMARRON - SARA 138KV CKT 1'	382	0.0746	100.4748	'CIMARRON - MINCO 345KV CKT 1 & CIMARRON - DRAPER LAKE 345KV CKT 1'
	FDNS	00NR	3	13SP	G11_054	'FROM->TO'	'CIMARRON - SARA 138KV CKT 1'	382	0.0747	100.3463	'CMARN384'
	FDNS	00NR	3	13SP	G11_054	'FROM->TO'	'CIMARRON - SARA 138KV CKT 1'	382	0.0747	100.3463	'DBLCCT8'
	FDNS	00NR	3	13WP	G11_054	'FROM->TO'	'CZECH HALL - XEROX 138KV CKT 1'	382	0.0691	112.1434	'DBLCCT3'
	FDNS	00NR	3	18WP	G11_054	'FROM->TO'	'CZECH HALL - XEROX 138KV CKT 1'	382	0.0681	110.1409	'DBLCCT3'
	FDNS	00NR	3	13WP	G11_054	'FROM->TO'	'CZECH HALL - XEROX 138KV CKT 1'	382	0.0691	108.7539	'DBLCCT4'
	FDNS	00NR	3	13SP	G11_054	'FROM->TO'	'CZECH HALL - XEROX 138KV CKT 1'	382	0.0681	107.1591	'DBLCCT3'
	FDNS	01NR	3	13G	G11_054	'FROM->TO'	'CZECH HALL - XEROX 138KV CKT 1'	382	0.0711	107.0241	'DBLCCT3'
	FDNS	00NR	3	13WP	G11_054	'FROM->TO'	'CZECH HALL - XEROX 138KV CKT 1'	382	0.049	107.0061	'DVISN138PCBA'
	FDNS	01NR	3	13G	G11_054	'FROM->TO'	'CZECH HALL - XEROX 138KV CKT 1'	382	0.0711	103.7781	'DBLCCT4'
	FDNS	00NR	3	13WP	G11_054	'FROM->TO'	'CZECH HALL - XEROX 138KV CKT 1'	382	0.0431	102.829	'BUS23'
	FDNS	01NR	3	13G	G11_054	'FROM->TO'	'CZECH HALL - XEROX 138KV CKT 1'	382	0.0502	101.6536	'DVISN138PCBA'

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING		CONTINGENCY
								(MVA)	TDF	(%MVA)		
	FDNS	01NR		3	13G	G11_054	'TO->FROM'	'DIVISION AVE - HAYMAKER 138KV CKT 1'	308	0.1008	152.0967	'CIMARRONR'
	FDNS	00NR		3	13WP	G11_054	'TO->FROM'	'DIVISION AVE - HAYMAKER 138KV CKT 1'	375	0.0985	129.5865	'CIMARRONR'
	FDNS	00NR		3	23SP	G11_054	'TO->FROM'	'DIVISION AVE - HAYMAKER 138KV CKT 1'	308	0.1146	127.7443	'CIMARRONR'
	FDNS	00NR		3	18SP	G11_054	'TO->FROM'	'DIVISION AVE - HAYMAKER 138KV CKT 1'	308	0.1142	126.9986	'CIMARRONR'
	FDNS	00NR		3	18WP	G11_054	'TO->FROM'	'DIVISION AVE - HAYMAKER 138KV CKT 1'	375	0.0945	117.2057	'CIMARRONR'
	FDNS	00NR		3	13SP	G11_054	'TO->FROM'	'DIVISION AVE - HAYMAKER 138KV CKT 1'	375	0.0945	116.4984	'CIMARRONR'
	FDNS	01NR		3	13G	G11_054	'TO->FROM'	'DIVISION AVE - HAYMAKER 138KV CKT 1'	308	0.0583	110.9286	'DBLCCT37'
	FDNS	00NR		3	23SP	G11_054	'FROM->TO'	'DIVISION AVE - LAKESIDE 138KV CKT 1'	308	0.0308	103.5459	'BUS21'
	FDNS	00NR		3	13SP	G11_054	'FROM->TO'	'DIVISION AVE - MUSTANG 138KV CKT 1'	287	0.0528	144.5787	'CIMARRONR'
	FDNS	00NR		3	18WP	G11_054	'FROM->TO'	'DIVISION AVE - MUSTANG 138KV CKT 1'	287	0.0528	144.3839	'CIMARRONR'
	FDNS	00NR		3	13WP	G11_054	'FROM->TO'	'DIVISION AVE - MUSTANG 138KV CKT 1'	287	0.0522	140.7889	'CIMARRONR'
	FDNS	01NR		3	13G	G11_054	'FROM->TO'	'DIVISION AVE - MUSTANG 138KV CKT 1'	287	0.0537	134.3665	'CIMARRONR'
	FDNS	00NR		3	18SP	G11_054	'FROM->TO'	'DIVISION AVE - MUSTANG 138KV CKT 1'	287	0.0898	103.328	'CIMARRONR'
	FDNS	00NR		3	13WP	G11_054	'FROM->TO'	'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.0679	113.7325	'NOWST382'
	FDNS	00NR		3	13WP	G11_054	'FROM->TO'	'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.0679	111.8276	'NOWST382'
	FDNS	01NR		3	13G	G11_054	'FROM->TO'	'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.0714	108.1938	'NOWST382'
	FDNS	01NR		3	13G	G11_054	'FROM->TO'	'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.0714	106.5167	'NOWST382'
	FDNS	00NR		3	13WP	G11_054	'FROM->TO'	'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.0332	103.6733	'NOWST383'
	FDNS	01NR		3	13G	G11_054	'FROM->TO'	'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.034	101.9971	'NOWST383'
	FDNS	00NR		3	13WP	G11_054	'FROM->TO'	'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.0332	101.8084	'NOWST383'
	FDNS	01NR		3	13G	G11_054	'FROM->TO'	'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.034	100.3052	'NOWST383'
	FDNS	00NR		3	13WP	G11_054	'FROM->TO'	'NORTHWEST (NORTWST2) 345/138/13.8KV TRANSFORMER CKT 1'	493	0.0439	100.3012	'CIMARRONR'
	FDNS	01NR		3	13G	G11_054	'FROM->TO'	'QUAIL CREEK - SKYLINE 138KV CKT 1'	308	0.0408	108.7408	'MSTNG186'
	FDNS	00NR		3	18SP	G11_054	'FROM->TO'	'QUAIL CREEK - SKYLINE 138KV CKT 1'	308	0.056	106.0585	'MSTNG186'
	FDNS	00NR		3	23SP	G11_054	'FROM->TO'	'QUAIL CREEK - SKYLINE 138KV CKT 1'	308	0.0575	103.285	'MSTNG186'
	FDNS	00NR		3	23SP	G11_054	'FROM->TO'	'SEMINOLE 138/20.9KV TRANSFORMER CKT 1'	898	0.0495	9999	'MSKGE384-13'
	FDNS	00NR		3	23SP	G11_054	'FROM->TO'	'SEMINOLE 138/20.9KV TRANSFORMER CKT 1'	898	0.0495	9999	'MSKGE385'
	FDNS	00NR		3	23SP	G11_054	'FROM->TO'	'SEMINOLE 138/20.9KV TRANSFORMER CKT 1'	898	0.0495	9999	'SONR181'
	FDNS	00NR		3	23SP	G11_054	'FROM->TO'	'SEMINOLE 138/20.9KV TRANSFORMER CKT 1'	898	0.0495	9999	'SONR38'
	FDNS	00NR		3	23SP	G11_054	'FROM->TO'	'SEMINOLE 138/20.9KV TRANSFORMER CKT 1'	898	0.0495	9999	'SONR392'
	FDNS	00G11_055		2	23SP	G11_055	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0669	104.6067	'KCPL-C2'
	FDNS	09G11_055		2	13G	G11_055	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0936	104.4916	'KCPL-C2'
	FDNS		0	2	23SP	G11_055	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0669	104.1156	'KCPL-C2'
	FDNS	09G11_055		2	13G	G11_055	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0936	103.9503	'KCPL-C2'

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING	
								(MVA)	TDF	(%MVA)	CONTINGENCY
	FDNS	09G11_055		2 13G	G11_055	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0936	103.9048	'KCPLB-6'
	FDNS	00G11_055		2 23SP	G11_055	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0669	103.8928	'KCPLB-6'
	FDNS	00G11_055		2 18SP	G11_055	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0706	103.5795	'KCPL-C2'
	FDNS	0		2 23SP	G11_055	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0669	103.4046	'KCPLB-6'
	FDNS	09G11_055		2 13G	G11_055	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0936	103.3657	'KCPLB-6'
	FDNS	0		2 18SP	G11_055	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0706	102.9877	'KCPL-C2'
	FDNS	00G11_055		2 23SP	G11_055	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0669	102.9469	'KCPL-C2'
	FDNS	00G11_055		2 18SP	G11_055	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0706	102.8657	'KCPLB-6'
	FDNS	0		2 23SP	G11_055	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0669	102.4683	'KCPL-C2'
	FDNS	0		2 18SP	G11_055	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0706	102.2738	'KCPLB-6'
	FDNS	00G11_055		2 23SP	G11_055	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0669	102.2495	'KCPLB-6'
	FDNS	00G11_055		2 18SP	G11_055	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0706	101.9651	'KCPL-C2'
	FDNS	0		2 23SP	G11_055	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0669	101.7667	'KCPLB-6'
	FDNS	0		2 18SP	G11_055	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0706	101.3804	'KCPL-C2'
	FDNS	00G11_055		2 18SP	G11_055	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0706	101.2613	'KCPLB-6'
	FDNS	0		2 18SP	G11_055	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0706	100.6763	'KCPLB-6'
	FDNS	00G11_056		2 18SP	G11_056	'TO->FROM'	'MAXWELL - NORTH PLATTE 115KV CKT 1'	160	0.0679	104.6321	'AXTELL - SWEETWATER 345KV CKT 1 & GRAND ISLAND - SWEETWATER 345KV CKT 1'
	FDNS	0		2 18SP	G11_056	'TO->FROM'	'MAXWELL - NORTH PLATTE 115KV CKT 1'	160	0.0679	104.5768	'AXTELL - SWEETWATER 345KV CKT 1 & GRAND ISLAND - SWEETWATER 345KV CKT 1'
	FDNS	00G11_056		2 18SP	G11_056	'TO->FROM'	'MAXWELL - NORTH PLATTE 115KV CKT 1'	160	0.0679	104.289	'GERALD GENTLEMAN STATION - SWEETWATER 345KV CKT 1 & GERALD GENTLEMAN STATION - SWEETWATER 345KV CKT 2'
	FDNS	0		2 18SP	G11_056	'TO->FROM'	'MAXWELL - NORTH PLATTE 115KV CKT 1'	160	0.068	104.2335	'GERALD GENTLEMAN STATION - SWEETWATER 345KV CKT 1 & GERALD GENTLEMAN STATION - SWEETWATER 345KV CKT 2'
	FDNS	09G11_056		2 13G	G11_056	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0605	104.9277	'KCPL-C2'
	FDNS	09G11_056		2 13G	G11_056	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0605	104.3894	'KCPL-C2'
	FDNS	09G11_056		2 13G	G11_056	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0605	104.3429	'KCPLB-6'
	FDNS	0		2 23SP	G11_056	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0421	104.1156	'KCPL-C2'
	FDNS	00G11_056		2 23SP	G11_056	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0421	104.1156	'KCPL-C2'
	FDNS	09G11_056		2 13G	G11_056	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0605	103.8066	'KCPLB-6'
	FDNS	0		2 23SP	G11_056	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0421	103.4046	'KCPLB-6'
	FDNS	00G11_056		2 23SP	G11_056	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0421	103.4046	'KCPLB-6'
	FDNS	00G11_056		2 18SP	G11_056	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0442	102.9997	'KCPL-C2'
	FDNS	0		2 18SP	G11_056	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0442	102.9877	'KCPL-C2'
	FDNS	0		2 23SP	G11_056	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0421	102.4683	'KCPL-C2'
	FDNS	00G11_056		2 23SP	G11_056	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0421	102.4683	'KCPL-C2'
	FDNS	00G11_056		2 18SP	G11_056	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0442	102.2857	'KCPLB-6'
	FDNS	0		2 18SP	G11_056	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0442	102.2738	'KCPLB-6'

EVENTTYPE	SOLUTIONTYPE	GROUP	SCENARIO	SEASON	SOURCE	DIRECTION	MONITORED ELEMENT	RATEB		TC%LOADING	
								(MVA)	TDF	(%MVA)	CONTINGENCY
	FDNS	0	2	23SP	G11_056	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0421	101.7667	'KCPLB-6'
	FDNS	00G11_056	2	23SP	G11_056	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0421	101.7667	'KCPLB-6'
	FDNS	00G11_056	2	18SP	G11_056	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0442	101.3922	'KCPL-C2'
	FDNS	0	2	18SP	G11_056	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0442	101.3804	'KCPL-C2'
	FDNS	00G11_056	2	18SP	G11_056	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0442	100.6881	'KCPLB-6'
	FDNS	0	2	18SP	G11_056	'FROM->TO'	'NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11'	660	0.0442	100.6763	'KCPLB-6'
	FDNS	0	2	13WP	G11_057	'FROM->TO'	'LAWEASOKLUNI'	425	0.0324	110.8	'BASE CASE'
	FDNS	00G11_057	2	13WP	G11_057	'FROM->TO'	'LAWEASOKLUNI'	425	0.0319	104.9	'BASE CASE'

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