

Feasibility Cluster Study for Generator Interconnection Requests (FCS-2014-003)

August 2014

Generator Interconnection Studies



Revision History

Date or Version Number	Author	Change Description	Comments
8/29/2014	Southwest Power Pool	N/A	Report Issued

Executive Summary

Generator Interconnection customers have requested a Feasibility Study under the Generator Interconnection Procedures (GIP) in the Southwest Power Pool Open Access Transmission Tariff (OATT). The Interconnection Customers' requests have been clustered together for the following Feasibility Cluster Study (FCS) window which closed June 30th, 2014. This Feasibility Cluster Study analyzes generation interconnection requests totaling approximately 1961.6 MW which would be located within the transmission systems of Oklahoma Gas and Electric (OKGE), Sunflower Electric Power Corporation (SUNC), and American Electric Power (AEPW). The generation interconnection requests have various proposed in-service dates¹. The generation interconnection requests included in this Feasibility Cluster Study are listed in Appendix A by queue number, amount, requested interconnection service, area, requested interconnection point, proposed interconnection point, and the requested in-service date.

Power flow analysis has indicated that for the power flow cases studied, 1961.6 MW of nameplate generation may be interconnected with transmission system reinforcements within the SPP transmission system. The need for reactive compensation in accordance with Order No. 661-A for wind farm interconnection requests will be evaluated in the Preliminary Interconnection System Impact Study (PISIS) and Definitive Interconnection System Impact Study (DISIS) based on the wind turbine manufacturer and type requested by the Customer. Dynamic stability studies performed as part of the PISIS and DISIS Cluster Studies will provide additional guidance as to whether required reactive compensation can be static or a portion must be dynamic (such as a SVC).

In no way does this study guarantee operation for all periods of time. This interconnection study identifies and assigns transmission reinforcements for Energy Resource (ER) interconnection injection constraints (defined as a 20% distribution factor impact) and Network Resource (NR) constraints if requested by the Customer. This interconnection study does not assign transmission reinforcements for all potential transmission constraints. It should be noted that although this study analyzed many of the most probable contingencies, it is not an all-inclusive list and cannot account for every operational situation. Because of this, it is likely that the Customer(s) may be required to reduce their generation output to 0 MW, also known as curtailment, under certain system conditions to allow system operators to maintain the reliability of the transmission network.

The total estimated minimum cost for interconnecting the studied generation interconnection request is \$172,650,000. These costs are shown in Appendices E and F. 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 the possible need for reactive compensation or additional interconnection facilities or network upgrades that may be identified through additional analyses performed in the PISIS and DISIS.

Network Constraints listed in Appendix I are located in the local area of the new generation when this generation is injected throughout the SPP footprint for the Energy Resource (ER)

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 competition of the Facility Study.

Interconnection Request. Certain interconnection requests have been studied for Network Resource (NR) Interconnection Service. Those constraints are also listed in Appendix I. 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

Generator Interconnection customers have requested a Feasibility Study under the Generator Interconnection Procedures (GIP) in the Southwest Power Pool Open Access Transmission Tariff (OATT). The Interconnection Customers' requests have been clustered together for the following Feasibility Cluster Study (FCS) window which closed June 30th, 2014. This Feasibility Cluster Study analyzes generation interconnection requests totaling approximately 1961.6 MW which would be located within the transmission systems of Oklahoma Gas and Electric (OKGE), Sunflower Electric Power Corporation (SUNC), and American Electric Power (AEPW). The generation interconnection requests have various proposed in-service dates². The generation interconnection requests included in this Feasibility Cluster Study are listed in Appendix A by queue number, amount, area, requested interconnection service, requested interconnection point, proposed interconnection point, and the requested in-service date.

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

Model Development

Interconnection Requests Included in the Cluster

SPP has included all interconnection requests that submitted a Feasibility Study Agreement no later than June 30th, 2014 and were subsequently accepted by Southwest Power Pool under the terms of the Generator Interconnection Procedures (GIP) effective at the time of this study. The interconnection requests that are included in this study are listed in Appendix A.

Previously Queued Interconnection Requests

The previously queued requests included in this study are listed in Appendix B. In addition to the Base Case Upgrades, the previously 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 and or Network Resources (in accordance with the individual Generator Interconnection Requests) with equal distribution across the SPP footprint.

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.

Development of Base Cases

The 2013 series Transmission Service Request (TSR) Models 2014 spring, 2014 summer and winter peak, 2019 summer and winter peak, and 2024 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.

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 FCS-2014-003 Customers have not been assigned cost for the below listed projects. The FCS-2014-003 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 Feasibility Study customers.

- Balanced Portfolio Projects³:
 - Woodward – Border – TUCO Interchange 345kV Project, scheduled for 9/30/2014 in-service
 - Woodward – Border – TUCO Interchange 345kV circuit #1 and associated terminal equipment upgrades
 - Iatan – Nashua 345/161kV Project, scheduled for 6/1/2015 in-service
 - Iatan – Nashua 345kV circuit #1 and associated terminal equipment
 - Nashua 345/161/13kV autotransformer circuit #1
- Priority Projects⁴:
 - Woodward – Thistle double circuit 345kV, scheduled for 12/31/2014 in-service
 - Spearville – Clark County – Thistle double circuit 345kV, scheduled for 12/31/2014 in-service
- Northwest 345/138/13.8kV circuit #3 autotransformer, scheduled for 6/1/2017 in-service⁵
- Hoskins – Neligh East 345/115kV Project⁶
 - Neligh East 345/115kV substation and transformer
 - Neligh East Area 115kV upgrades to support new station
 - Hoskins – Neligh East 345kV circuit #1
- High Priority Incremental Loads (HPILs) Projects⁷:
 - TUCO Interchange – Yoakum – Hobbs Interchange 345/230kV Project
 - TUCO Interchange – Yoakum – Hobbs Interchange 345kV circuit #1 and associated terminal equipment upgrades
 - Hobbs 345/230/13kV transformer circuit #1

³ Notification to Construct (NTC) issued June 2009

⁴ Notification to Construct (NTC) issued June 2010

⁵ SPP Transmission Service Project identified in SPP 2009-AG2-AFS6. Per SPP NTC 20137

⁶ SPP Regional Reliability 2012 ITP 10 Project Per SPP-NTC-200220

⁷ Per Network Upgrades assigned in High Priority Incremental Loads (HPILs) study, Including Direct Assigned Upgrades, Projects in SPP-NTC-200256 and SPP-NTC-200283.

- Yoakum 345/230/13kV transformer circuit #1
- Battle Axe – Road Runner 115kV circuit #1
- Chaves County – Price – CV Pines – Capitan 115kV circuit #1
- China Draw – Yeso Hills 115kV circuit #1
- Dollarhide – Toboso Flats 115kV circuit #1
- Hobbs Interchange – Kiowa 345kV circuit #1
- Kiowa – North Loving – China Draw 345/115kV Projects
 - Kiowa – North Loving – China Draw circuit #1 and associated terminal equipment upgrades
 - China Draw 345/115/13kV transformer circuit #1
 - North Loving 345/115/13kV transformer circuit #1
- Kiowa – Road Runner 345/230/115kV Projects
 - Kiowa 345/230kV transformer circuit #1
 - Road Runner 345/115/13kV transformer circuit #1
- Livingston Ridge – Sage Brush – Lagarto – Cardinal 115kV circuit #1
- North Loving – South Loving 115kV circuit #1
- Ponderosa – Ponderosa Tap 115kV circuit #1

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 FCS-2014-003 study and are assumed to be in service. This list may not be all inclusive. The FCS-2014-003 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 FCS-2014-003 Customer Generation Facilities in service dates may need to be delayed until the completion of the following upgrades.

- Upgrades assigned to DISIS-2009-001 Interconnection Customers:
 - Lancer Project
 - Spearville – Lancer 345kV addition
 - Lancer 345/115kV transformer circuit #1 addition
 - Lancer – North Ft. Dodge 115kV addition
 - Ft Dodge – North Ft. Dodge circuit #2 addition
 - Move Fort Dodge terminal of Shooting Star 115kV at North Ft Dodge
 - Fort Randall – Meadow Grove – Kelly 230kV circuit #1 rerate (320MVA)
- Upgrades assigned to DISIS-2010-001 Interconnection Customers:
 - Switch 2749 – Wildorado 69kV circuit # 1 rebuild
- Upgrades assigned to DISIS-2010-002 Interconnection Customers:
 - Twin Church – Dixon County 230kV circuit #1 rerate (320MVA)
 - Buckner – Spearville 345kV terminal equipment
- Upgrades assigned to DISIS-2011-001 Interconnection Customers:
 - Hoskins – Dixon County – Twin Church 230kV circuit #1 conductor clearance increase
 - (NRIS only) New Deal – TUCO 345kV/115kV Project
 - (NRIS only) Wolfforth Interchange 230/115/13kV transformer circuit #1
 - (NRIS only) Woodward – FPL Switch – Mooreland – Glass Mountain 138kV circuit #1 rebuild

- Upgrades assigned to DISIS-2011-002 Interconnection Customers:
 - Power System Stabilizers - Install Power System Stabilizers @ Tolk(Units: 1,2) and Jones (Units: 1,2,3,4)
 - Jones – Lubbock South 230kV circuit #2 replace line traps
 - SUB 967 – SUB 968 – SUB 969 – SUB 974 69kV circuit #1 replace terminal equipment
 - (NRIS only) Hydro Carbon Tap - Sub974 69kV circuit #1 rewire CT
 - (NRIS only) Nebraska City U Syracuse – SUB 970 circuit #1 replace terminal equipment
- Upgrades assigned to DISIS-2012-001 Interconnection Customers:
 - GEN-2011-017 Tap 100MVAR Static VAR Compensator (SVC) and 100 MVAR Capacitor Bank(s)
- Upgrades assigned to DISIS-2012-002 Interconnection Customers:
 - Amoco Wasson – Oxy Tap 230kV circuit #1 replace line traps
 - Associated Electric Cooperatives Inc. (AECI) Fairfax 138/69kV transformer replacement
 - Lake Creek – Lone Wolf 69kV circuit #1 reset CT
 - Remington – Fairfax 138kV circuit #1 conductor clearance increase
 - Thistle +100MVAR Static VAR Compensator (SVC) and 100MVAR Capacitor Bank(s)
- Upgrades assigned to DISIS-2013-001 Interconnection Customers:
 - Deaf Smith – Plant X 230kV circuit #1 line trap replacements
 - 60 MVAR Capacitor Bank(s) at Oklaunion
 - Meadow Grove, North Petersburg, and South Norfolk 345/230/115kVProjects
 - Meadow Grove 115kV substation bay and 230/115kV transformer circuit #1
 - Meadow Grove – North Petersburg 115kV circuit #1
 - Meadow Grove – South Norfolk 230kV circuit #1
 - South Norfolk 345/230kV substation and 345/230kV transformer circuit #1
 - Tolok – Plant X 230kV circuit #3 build
 - Vinita – Vinita Junction 69kV rebuild
 - Vinita Junction 138/69/13.2kV transformer circuit #1 replacement
 - (NRIS only) Plant X 230/115/13kV transformer circuit #2 addition
- Upgrades assigned to DISIS-2013-002 Interconnection Customers:
 - Bushland – Tumbleweed (Bushland South) 230kV circuit #1 build
 - Gerald Gentlemen Station (GGS) Flowgate stability mitigation
 - Viola – Wichita 345kV circuit #1 terminal equipment upgrade
- Upgrades assigned to DISIS 2014-001 Interconnection Customers
 - Andrews – Road Runner 345kV circuit #1
 - Andrews Substation 230kV to 345kV Voltage Conversion
 - Hobbs – GEN-2014-012-Andrews 230kV to 345kV Voltage Conversion
 - GEN 2014-007 tap – Border – Chisholm 345kV circuit #2
 - Harbine – Crete 115kV circuit #1
 - Meadow Grove – South Norfolk 230kV circuit #1 incremental upgrade
 - South Norfolk 345/230/13.8kV transformer circuit #1 incremental upgrade
 - (NRIS only) Elk City 230/115/13kV transformer terminal equipment

Potential Upgrades Not in the Base Case

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

Regional Groupings

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

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 a load factor by area distribution across the SPP footprint. Certain projects that requested Network Resource Interconnection Service were dispatched as 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 all interconnection requests in each group being dispatched at 100% nameplate.

Peaking units were not dispatched in the 2014 spring model. To study peaking units' impacts, the 2014 summer and winter and 2019 summer and winter, and 2024 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.

Identification of Network Constraints

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

Identification of Electrically Isolated Groups and Requests

From the FCITC analysis, it may be determined that some of the regional groups had no common impacts with the other groups. However, this determination may change as the Interconnection Customers depending upon the time at which the interconnection customers enter either the Preliminary Interconnection System Impact Study (PISIS) or the Definitive Interconnection System Impact Study (DISIS).

Determination of Cost Allocated Network Upgrades

Cost Allocated Network Upgrades of wind generation interconnection requests were determined using the 2014 spring model. Cost Allocated Network Upgrades of peaking units was determined using the 2019 summer peak model. A PSSE® 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 Generator Interconnection requests, X, Y, and Z that are responsible for the costs of Upgrade Project '1'. Given that their respective DF for the project have been determined, the cost allocation for Generator 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:

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

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

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

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

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

- 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.

Interconnection and Network Upgrade Facilities

The generator interconnection customers requested interconnection within the transmission systems of Oklahoma Gas & Electric (OKGE), Sunflower Electric Power Corporation (SUNC), and American Electric Power (AEPW). The requirement to interconnect the 1,961.6 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 Appendices E and F with an approximate cost of \$. Appendices E and F also include Interconnection Facilities specific to each generation interconnection request.

A list of constraints with greater than or equal to a 20% DF that were identified as requiring proposed transmission reinforcements for mitigation are listed in Appendix G and H. Other Network Constraints, those between 3% and 20% DF, not requiring proposed transmission reinforcements for mitigation, are shown in Appendix I. 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.

A preliminary one-line drawing for each generation interconnection request are listed in Appendix D.

Power Flow Analysis

Power Flow Analysis Methodology

The FCITC function of PSS® MUST 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. This satisfies the “more probable” contingency testing criteria mandated by NERC and the SPP criteria.

Power Flow Analysis

A power flow analysis was conducted for each Interconnection Customer’s facility using modified versions of the 2014 (spring, summer, and winter) peak, the 2019 (summer and winter) peak and 2024 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 the each Customer’s project indicates that criteria violations will occur on the AEPW, SUNC, and OKGE transmission systems under steady state and contingency conditions in the peak seasons.

The need for reactive compensation will be determined during the Interconnection System Impact Study. The need for reactive compensation will be based on the Interconnection Customer's choice of wind turbine make and manufacturer. Dynamic Stability studies performed as part of the System Impact Cluster Study will provide additional guidance as to whether the reactive compensation can be static or a portion must be dynamic (such as a SVC or STATCOM). It is possible that an SVC or STATCOM device will be required at the Customer facility because of FERC Order 661A Low Voltage Ride-Through Provisions (LVRT) which went into effect January 1, 2006. FERC Order 661A orders that wind farms stay on-line for 3-phase faults at the point of interconnection even if that requires the installation of a SVC or STATCOM device.

Cluster Group 04 (NW Kansas)

In addition to the 1875.7 MW of previously queued generation in the area, 300.1MW of new interconnection service was studied. The Interconnection Customer's primary interconnection point of the Ruleton 115kV substation proved infeasible. Constraints were found at and around the Ruleton 115kV substation. Moving GEN-2014-015 to the alternate interconnection point at the Mingo 345kV substation relieved these issues.

Table 1 – Group 4 ERIS/NRIS overloads

MONITORED ELEMENT	RATE B (MVA)	TC%LOADING (% MVA)	CONTINGENCY
'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	119.5	124.1975	'GOODLAND TAP - RULETON 115KV CKT 1'
'BIRD CITY - ST.FRANCIS 115KV CKT 1'	119.5	124.4485	'GOODLAND TAP - RULETON 115KV CKT 1'
'BREWSTER - GOODLAND 115KV CKT 1'	119.5	148.595	'LAWN RIDGE - RULETON 115KV CKT 1'
'BREWSTER - MINGO 115KV CKT 1'	119.5	145.2477	'LAWN RIDGE - RULETON 115KV CKT 1'
'GOODLAND - GOODLAND TAP 115KV CKT 1'	119.5	149.5992	'LAWN RIDGE - RULETON 115KV CKT 1'
'GOODLAND TAP - RULETON 115KV CKT 1'	79.7	234.5935	'LAWN RIDGE - RULETON 115KV CKT 1'
'HASKELL - SEWARD-3 115KV CKT 1'	118.6	103.0261	'SPP-MKEC-10'
'KNOLL - N HAYS3 115.00 115KV CKT 1'	87.8	100.7688	'POSTROCK6 230.00 - SOUTH HAYS 230KV CKT 1'
'KNOLL - REDLINE 115KV CKT 1'	85.8	111.6026	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	79.7	195.1721	'GOODLAND TAP - RULETON 115KV CKT 1'
'LAWN RIDGE - RULETON 115KV CKT 1'	79.7	193.4875	'GOODLAND TAP - RULETON 115KV CKT 1'
'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	119.5	127.7121	'GOODLAND TAP - RULETON 115KV CKT 1'
'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	113.9	135.1116	'GOODLAND TAP - RULETON 115KV CKT 1'
'KANARADO - SHARON SPRINGS 115KV CKT 1'	80.3	188.8491	'GOODLAND TAP - RULETON 115KV CKT 1'
'PALMER3 - SHARON SPRINGS 115KV CKT 1'	80.3	181.8094	'GOODLAND TAP - RULETON 115KV CKT 1'

'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	80.3	179.6924	'GOODLAND TAP - RULETON 115KV CKT 1'
'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	119.5	125.7874	'GOODLAND TAP - RULETON 115KV CKT 1'
'SYRACUSE - TRIBUNE 115KV CKT 1'	79.6	100.3392	'FLETCHER - HOLCOMB 115KV CKT 1'

Cluster Group 10 (East Texas)

In addition to the existing generation in the area, 1,510 MW of new interconnection service was studied. The three requests in this area were requested to be studied separately from each other. For this area, an additional scenario was created with existing generation at the Gateway and Lebrock stations dispatched at their approved interconnection service limits. For all three requests, constraints were seen on the Lebrock – Pirkey 345kV and Gateway – Crockett 345kV lines. In addition, GEN-2014-018 caused a constraint on the Lydia – Welsh 345kV line. The constraints require building a new line from the Interconnection Substation to the Diana 345kV substation, and replacing terminal equipment on the Lebrock – Pirkey 345kV and Lydia – Welsh 345kV lines.

Analysis for Network Resource Interconnection Service (NRIS) showed that additional constraints are located on the Entergy Transmission System. If the Interconnection Request moves forward into an Interconnection Facilities Study, SPP will coordinate with Entergy on impacts to their system.

It should be noted that this area of the SPP footprint has a known stability limit for the existing generation on the Pirkey – Lebrock –Gateway – Crockett 345kV line. The Gateway plant is only approved to interconnect a maximum of 634MW into the SPP footprint. Any additional generation installed by the FCS-2014-003 Interconnection Customers will require new transmission reinforcements to allow any interconnection service.

Table 2 – Group 10 GEN-2014-016 ERI/NRIS overloads

MONITORED ELEMENT	RATE B (MVA)	TC%LOADING (% MVA)	CONTINGENCY
'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	789	104.6569	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
'LEBROCK - PIRKEY 345KV CKT 2'	986	102.2932	'LEBROCK - PIRKEY 345KV CKT 1'
'LEBROCK - PIRKEY 345KV CKT 1'	986	101.612	'LEBROCK - PIRKEY 345KV CKT 2'

Table 3 – Group 10 GEN-2014-017 ERI/NRIS overloads

MONITORED ELEMENT	RATE B (MVA)	TC%LOADING (% MVA)	CONTINGENCY
'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	789	137.6537	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
'LEBROCK - PIRKEY 345KV CKT 2'	986	120.6017	'LEBROCK - PIRKEY 345KV CKT 1'
'LEBROCK - PIRKEY 345KV CKT 1'	986	119.7988	'LEBROCK - PIRKEY 345KV CKT 2'

Table 4 – Group 10 GEN-2014-018 ERIS/NRIS overloads

MONITORED ELEMENT	RATE B (MVA)	TC%LOADING (% MVA)	CONTINGENCY
'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	789	163.0103	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
'LEBROCK - PIRKEY 345KV CKT 2'	986	134.6711	'LEBROCK - PIRKEY 345KV CKT 1'
'LEBROCK - PIRKEY 345KV CKT 1'	986	133.7746	'LEBROCK - PIRKEY 345KV CKT 2'
'LYDIA - WELSH 345KV CKT 1'	1057.2	100.9602	'NORTHWEST TEXARKANA - WELSH 345KV CKT 1'

Table 5 – Group 10 Constraints on Entergy system with ERIS upgrades in service

MONITORED ELEMENT	RATE B (MVA)	TC%LOADING (% MVA)	CONTINGENCY
'GRIMES 345/138KV TRANSFORMER CKT 1'	517	100.9854	'GRIMES 345/138KV TRANSFORMER CKT 2'
'GRIMES 345/138KV TRANSFORMER CKT 2'	517	100.9854	'GRIMES 345/138KV TRANSFORMER CKT 1'
'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	205.9	102.4775	'GRIMES - MT. ZION 138KV CKT 1'
'LINE 558 TAP - MT. ZION 138KV CKT 1'	205.9	102.6427	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
'DOBBIN - TUBULAR 138KV CKT 1'	111.6	103.1731	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	205.5	100.8739	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'

Cluster Group 14 (South Central Oklahoma)

In addition to the 362.5MW of previously queued generation in the area, 149.5MW of new interconnection service was studied. There were no ERIS constraints identified for the Interconnection Request. NRIS constraints were seen on the Valley View – Ada Industrial 69kV line, the Ada Industrial – Park Lane 69kV line, the Park Lane – Ahloso tap 69kV line, the ADA OC Pump – ADA OC Pump Tap 69kV line, and the Park Lane 138/69kV transformer CKT 1, and the Park Lane 138/69kV transformer CKT 1. The mitigations for these are to replace terminal equipment on the Ada Industrial – Park Lane, and Ahloso Tap – Park Lane lines, rebuild the ADA OC Pump – ADA OC Pump Tap, Ada Industrial – Park Lane, and ADA Industrial – Valley View lines, and install a 3rd 138/69kV transformer at Park Lane.

Table 6- Group 14 NRIS overloads

MONITORED ELEMENT	RATE B (MVA)	TC%LOADING (% MVA)	CONTINGENCY
'ADA INDUSTRIAL - PARKLN 2 69KV CKT 1'	96	126.488	'AHLOSO TAP - PARKLN 2 69KV CKT 1'
'AHLOSO TAP - PARKLN 2 69KV CKT 1'	96	112.262	'ADA OC PUMP - VALLY VIEW 69KV CKT 1'
'ADA INDUSTRIAL - VALLY VIEW 69KV CKT 1'	111	109.0347	'AHLOSO TAP - PARKLN 2 69KV CKT 1'
'ADA OC PUMP - ADA OC PUMP TAP 69KV CKT 1'	56	105.9214	'AHLOSO TAP - HARDNTP2 69.000 69KV CKT 1'

			1
'PARK LANE (PARKLN1) 138/69/13.2KV TRANSFORMER CKT 1	134	103.9802	'PARK LANE (PARKLN2) 138/69/13.2KV TRANSFORMER CKT 1
'PARK LANE (PARKLN2) 138/69/13.2KV TRANSFORMER CKT 1'	134	102.0918	'PARK LANE (PARKLN1) 138/69/13.2KV TRANSFORMER CKT 1

Curtailement and System Reliability

In no way does this study guarantee operation for all periods of time. It should be noted that although this study analyzed many of the most probable contingencies, it is not an all-inclusive list and cannot account for every operational situation. Because of this, it is likely that the Customer(s) may be required to reduce their generation output to 0 MW, also known as curtailment, under certain system conditions to allow system operators to maintain the reliability of the transmission network.

Conclusion

The minimum cost of interconnecting 1961.6 MW of new interconnection requests included in this Feasibility Cluster Study is estimated at \$172,650,000 including the Allocated Network Upgrades and Transmission Owner Interconnection Facilities, which are listed in Appendices E and F. These costs 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 AC power flow analysis, short circuit or transient stability analysis. These studies will be performed if the Interconnection Customer executes the appropriate Interconnection System Impact Study Agreement and provides the required data along with demonstration of Site Control and the appropriate deposit. At the time of the System Impact Cluster 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: Generator Interconnection Requests Considered for Feasibility Study

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*
GEN-2014-014	149.50	ER/NR	OKGE	Blue River 138 kV	Blue River 138 kV	12/31/2017	TBD
GEN-2014-015	300.10	ER/NR	SUNC	Ruleton 115kV	Mingo 345kV	1/1/2016	TBD
GEN-2014-016	229.00	ER/NR	AEPW	Tap Crocket - Tenaska 345kV	Tap Crocket - Tenaska 345kV	6/1/2018	TBD
GEN-2014-017	527.00	ER/NR	AEPW	Tap Crocket - Tenaska 345kV	Tap Crocket - Tenaska 345kV	6/1/2018	TBD
GEN-2014-018	756.00	ER/NR	AEPW	Tap Crocket - Tenaska 345kV	Tap Crocket - Tenaska 345kV	6/1/2018	TBD
Total: 1,961.60							

*Requests that are dependent upon Priority Projects or Balanced Portfolio may be delayed until 12/31/2014. Other requests in-service date to be determined after Facility Study.

B: Prior Queued Interconnection Requests

B: Prior Queued Interconnection Requests

Request	Amount	Area	Requested/Proposed Point of Interconnection	Status or In-Service Date
ASGI-2010-006	150.00	AECI	Tap Fairfax (AECI) - Shilder (AEPW) 138kV	AECI queue Affected Study
ASGI-2010-010	42.20	SPS	Lovington 115kV	Lea County Affected Study
ASGI-2010-020	30.00	SPS	Tap LE-Tatum - LE-Crossroads 69kV	Lea County Affected Study
ASGI-2010-021	15.00	SPS	Tap LE-Saunders Tap - LE-Anderson 69kV	Lea County Affected Study
ASGI-2011-001	28.80	SPS	Lovington 115kV	On-Line
ASGI-2011-002	20.00	SPS	Herring 115kV	On-Line
ASGI-2011-003	10.00	SPS	Hendricks 115kV	On-Line
ASGI-2011-004	20.00	SPS	Pleasant Hill 69kV	Under Study (DISIS-2011-002)
ASGI-2012-002	18.15	SPS	FE-Clovis Interchange 115kV	Under Study (DISIS-2012-002)
ASGI-2012-006	22.50	SUNCMKEC	Tap Hugoton - Rolla 69kV	Under Study (DISIS-2012-001)
ASGI-2013-001	11.50	SPS	PanTex South 115kV	Under Study (DISIS-2013-001)
ASGI-2013-002	18.40	SPS	FE Tucumcari 115kV	Under Study (DISIS-2013-001)
ASGI-2013-003	18.40	SPS	FE Clovis 115kV	Under Study (DISIS-2013-001)
ASGI-2013-004	29.60	SUNCMKEC	Morris 115kV	Under Study
ASGI-2013-005	1.80	SPS	FE Clovis 115kV	Under Study
ASGI-2013-006	2.00	SPS	SP-Erskine 115kV	
ASGI-2013-007	90.00	AECI	Tap Hickory Creek - Locust Creek 161kV	AECI System Impact Study
ASGI-2014-001	2.50	SPS	SP-Erskine 115kV	Under Study (DISIS 2014-001)
GEN-2001-014	96.00	WFEC	Ft Supply 138kV	On-Line
GEN-2001-026	74.00	WFEC	Washita 138kV	On-Line
GEN-2001-033	180.00	SPS	San Juan Tap 230kV	On-Line at 120MW
GEN-2001-036	80.00	SPS	Norton 115kV	On-Line
GEN-2001-037	100.00	OKGE	FPL Moreland Tap 138kV	On-Line
GEN-2001-039A	105.00	SUNCMKEC	Tap Greensburg - Ft Dodge (Shooting Star Tap) 115kV	On-Line
GEN-2001-039M	100.00	SUNCMKEC	Central Plains Tap 115kV	On-Line
GEN-2002-004	200.00	WERE	Latham 345kV	On-Line at 150MW
GEN-2002-005	120.00	WFEC	Red Hills Tap 138kV	On-Line
GEN-2002-008	240.00	SPS	Hitchland 345kV	On-Line at 120MW
GEN-2002-009	80.00	SPS	Hansford 115kV	On-Line
GEN-2002-022	240.00	SPS	Bushland 230kV	On-Line
GEN-2002-023N	0.80	NPPD	Harmony 115kV	On-Line
GEN-2002-025A	150.00	SUNCMKEC	Spearville 230kV	On-Line
GEN-2003-004	100.00	WFEC	Washita 138kV	On-Line
GEN-2003-005	100.00	WFEC	Anadarko - Paradise (Blue Canyon) 138kV	On-Line
GEN-2003-006A	200.00	SUNCMKEC	Elm Creek 230kV	On-Line
GEN-2003-019	250.00	MIDW	Smoky Hills Tap 230kV	On-Line
GEN-2003-020	160.00	SPS	Martin 115kV	On-Line
GEN-2003-021N	75.00	NPPD	Ainsworth Wind Tap 115kV	On-Line
GEN-2003-022	120.00	AEPW	Washita 138kV	On-Line
GEN-2004-014	154.50	SUNCMKEC	Spearville 230kV	On-Line at 100MW
GEN-2004-020	27.00	AEPW	Washita 34.5kV	On-Line
GEN-2004-023	20.60	WFEC	Washita 138kV	On-Line
GEN-2004-023N	75.00	NPPD	Columbus Co 115kV	On-Line
GEN-2005-003	30.60	WFEC	Washita 138kV	On-Line
GEN-2005-008	120.00	OKGE	Woodward 138kV	On-Line
GEN-2005-012	250.00	SUNCMKEC	Ironwood 345kV	On-Line at 160MW
GEN-2005-013	201.00	WERE	Tap Latham - Neosho (Caney River) 345kV	On-Line

Request	Amount	Area	Requested/Proposed Point of Interconnection	Status or In-Service Date
GEN-2006-002	101.00	AEPW	Sweetwater 230kV	On-Line
GEN-2006-006	205.50	SUNCMKEC	Spearville 345kV	On Schedule for 2015
GEN-2006-018	170.00	SPS	TUCO Interchange 230kV	On-Line
GEN-2006-020N	42.00	NPPD	Bloomfield 115kV	On-Line
GEN-2006-020S	18.90	SPS	DWS Frisco 115kV	On-Line
GEN-2006-021	101.00	SUNCMKEC	Flat Ridge Tap 138kV	On-Line
GEN-2006-024S	19.80	WFEC	Buffalo Bear Tap 69kV	On-Line
GEN-2006-026	604.00	SPS	Hobbs 230kV & Hobbs 115kV	On-Line
GEN-2006-031	75.00	MIDW	Knoll 115kV	On-Line
GEN-2006-035	225.00	AEPW	Sweetwater 230kV	On-Line at 132MW
GEN-2006-037N1	75.00	NPPD	Broken Bow 115kV	On Schedule for 2014
GEN-2006-038N005	80.00	NPPD	Broken Bow 115kV	On-Line
GEN-2006-038N019	80.00	NPPD	Petersburg North 115kV	On-Line
GEN-2006-040	108.00	SUNCMKEC	Mingo 115kV	On Suspension
GEN-2006-043	99.00	AEPW	Sweetwater 230kV	On-Line
GEN-2006-044	370.00	SPS	Hitchland 345kV	On-Line at 120MW
GEN-2006-044N	40.50	NPPD	North Petersburg 115kV	On-Line
GEN-2006-046	131.00	OKGE	Dewey 138kV	On-Line
GEN-2007-011	135.00	SUNCMKEC	Syracuse 115kV	On Suspension
GEN-2007-011N08	81.00	NPPD	Bloomfield 115kV	On-Line
GEN-2007-021	201.00	OKGE	Tatonga 345kV	On Schedule for 2014
GEN-2007-025	300.00	WERE	Viola 345kV	On-Line
GEN-2007-032	150.00	WFEC	Tap Clinton Junction - Clinton 138kV	On Suspension
GEN-2007-038	200.00	SUNCMKEC	Spearville 345kV	On Schedule for 2015
GEN-2007-040	200.00	SUNCMKEC	Buckner 345kV	On-Line at 132MW
GEN-2007-043	200.00	OKGE	Minco 345kV	On-Line
GEN-2007-044	300.00	OKGE	Tatonga 345kV	On Schedule for 2014
GEN-2007-046	199.50	SPS	Hitchland 115kV	On Schedule for 2015
GEN-2007-050	170.00	OKGE	Woodward EHV 138kV	On-Line at 150MW
GEN-2007-052	150.00	WFEC	Anadarko 138kV	On-Line
GEN-2007-062	765.00	OKGE	Woodward EHV 345kV	On Schedule for 2014
GEN-2008-003	101.00	OKGE	Woodward EHV 138kV	On-Line
GEN-2008-013	300.00	OKGE	Tap Wichita - Woodring (Hunter) 345kV	On-Line at 235MW
GEN-2008-017	300.00	SUNCMKEC	Setab 345kV	On Schedule for 2015
GEN-2008-018	250.00	SPS	Finney 345kV	On-Line
GEN-2008-021	42.00	WERE	Wolf Creek 345kV	On-Line
GEN-2008-022	300.00	SPS	Tap Eddy Co - Tolk (Crossroads) 345kV	On Schedule for 2015
GEN-2008-023	150.00	AEPW	Hobart Junction 138kV	On-Line
GEN-2008-037	101.00	WFEC	Tap Washita - Blue Canyon Wind 138kV	On-Line
GEN-2008-044	197.80	OKGE	Tatonga 345kV	On-Line
GEN-2008-047	300.00	OKGE	Tap Hitchland - Woodward Dbl Ckt (Beaver County) 345kV	On Schedule for 2014
GEN-2008-051	322.00	SPS	Potter County 345kV	On-Line at 161MW
GEN-2008-079	99.20	SUNCMKEC	Tap Cudahy - Ft Dodge 115kV	On-Line
GEN-2008-086N02	200.00	NPPD	Tap Ft Randle - Columbus (Meadow Grove) 230kV	On Schedule for 2014
GEN-2008-088	50.60	SPS	Vega 69kV	On Suspension
GEN-2008-092	201.00	MIDW	Post Rock 230kV	On Schedule for 2014
GEN-2008-098	100.80	WERE	Tap Lacygne - Wolf Creek (Anderson County) 345kV	On Schedule for 2015
GEN-2008-1190	60.00	OPPD	S1399 161kV	On-Line
GEN-2008-123N	89.70	NPPD	Tap Guide Rock - Pauline (Rosemont) 115kV	On Schedule for 2014

Request	Amount	Area	Requested/Proposed Point of Interconnection	Status or In-Service Date
GEN-2008-124	200.10	SUNCMKEC	Ironwood 345kV	On Schedule for 2016
GEN-2008-129	80.00	MIPU	Pleasant Hill 161kV	On-Line
GEN-2009-008	199.50	MIDW	South Hays 230kV	On Suspension
GEN-2009-020	48.60	MIDW	Tap Nekoma - Bazine (Walnut Creek) 69kV	On Schedule for 2015
GEN-2009-025	60.00	OKGE	Nardins 69kV	On-Line
GEN-2009-040	73.80	WERE	Marshall 115kV	On Schedule for 2015
GEN-2010-001	300.00	OKGE	Tap Hitchland - Woodward Dbl Ckt (Beaver County) 345kV	On Schedule for 2014 (204 MW) and 2015 (96 MW)
GEN-2010-003	100.80	WERE	Tap Lacygne - Wolf Creek (Anderson County) 345kV	On Schedule for 2015
GEN-2010-005	300.00	WERE	Viola 345kV	On-Line at 170MW
GEN-2010-006	205.00	SPS	Jones 230kV	On-Line
GEN-2010-009	165.60	SUNCMKEC	Buckner 345kV	On-Line
GEN-2010-011	29.70	OKGE	Tatonga 345kV	On Line
GEN-2010-014	358.80	SPS	Hitchland 345kV	On Schedule for 2016
GEN-2010-015	200.10	SUNCMKEC	Spearville 345kV	On Schedule for 2015
GEN-2010-036	4.60	WERE	6th Street 115kV	On-Line
GEN-2010-040	300.00	OKGE	Cimarron 345kV	On-Line
GEN-2010-041	10.50	OPPD	S 1399 161kV	IA Pending
GEN-2010-045	197.80	SUNCMKEC	Buckner 345kV	IA Pending
GEN-2010-046	56.00	SPS	TUCO Interchange 230kV	On Schedule for 2016
GEN-2010-048	70.00	MIDW	Tap Beach Station - Redline 115kV	IA Pending
GEN-2010-051	200.00	NPPD	Tap Twin Church - Hoskins 230kV	On Schedule for 2014
GEN-2010-055	4.50	AEPW	Wekiwa 138kV	On-Line
GEN-2010-056	151.20	MIPU	Tap Saint Joseph - Cooper 345kV	On Schedule for 2015
GEN-2010-057	201.00	MIDW	Rice County 230kV	On-Line
GEN-2011-007	250.10	OKGE	Tap Cimarron - Woodring (Mathewson) 345kV	On Schedule for 2015
GEN-2011-008	600.00	SUNCMKEC	Clark County 345kV	IA Pending
GEN-2011-010	100.80	OKGE	Minco 345kV	On-Line
GEN-2011-011	50.00	KACP	Iatan 345kV	On-Line
GEN-2011-014	201.00	OKGE	Tap Hitchland - Woodward Dbl Ckt (Beaver County) 345kV	IA Pending
GEN-2011-016	200.10	SUNCMKEC	Spearville 345kV	IA Pending
GEN-2011-017	299.00	SUNCMKEC	Tap Spearville - PostRock (GEN-2011-017T) 345kV	On Schedule 2018
GEN-2011-018	73.60	NPPD	Steele City 115kV	On-Line
GEN-2011-019	299.00	OKGE	Woodward 345kV	On Schedule for 2017
GEN-2011-020	299.00	OKGE	Woodward 345kV	On Schedule for 2017
GEN-2011-022	299.00	SPS	Hitchland 345kV	On Schedule for 2017
GEN-2011-025	82.30	SPS	Tap Floyd County - Crosby County 115kV	On Suspension
GEN-2011-027	120.00	NPPD	Tap Twin Church - Hoskins 230kV (GEN-2010-51 Tap)	On Schedule for 2015
GEN-2011-037	7.00	WFEC	Blue Canyon 5 138kV	On-Line
GEN-2011-040	111.00	OKGE	Tap Ratliff - Pooleville 138kV	On Schedule for 2014
GEN-2011-045	205.00	SPS	Jones 230kV	On-Line
GEN-2011-046	27.00	SPS	Lopez 115kV	On-Line
GEN-2011-048	175.00	SPS	Mustang 230kV	On-Line
GEN-2011-049	250.00	OKGE	Border 345kV	On Suspension
GEN-2011-050	109.80	AEPW	Rush Springs Natural Gas Tap 138kV	On Suspension
GEN-2011-051	104.40	OKGE	Tap Woodward - Tatonga 345kV	IA Pending
GEN-2011-054	300.00	OKGE	Cimarron 345kV	On Schedule for 2013 (200 MW) and 2014 (99 MW)
GEN-2011-055	52.80	OPPD	South Sterling 69kV	IA Pending
GEN-2011-056	3.60	NPPD	Jeffrey 115kV	On-Line

Request	Amount	Area	Requested/Proposed Point of Interconnection	Status or In-Service Date
GEN-2011-056A	3.60	NPPD	John 1 115kV	On-Line
GEN-2011-056B	4.50	NPPD	John 2 115kV	On-Line
GEN-2011-057	150.40	WERE	Creswell 138kV	On Schedule for 2014
GEN-2012-001	61.20	SPS	Tap Grassland - Borden County 230kV	On-Line
GEN-2012-004	41.40	OKGE	Tap Ratliff - Pooleville (Carter County) 138kV	On Schedule for 2014
GEN-2012-005	81.00	NPPD	Tap Fort Randall - Columbus (North of Meadow Grove) 230kV	Facility Study
GEN-2012-007	120.00	SUNCMKEC	Rubart 115kV	On Schedule for 2014
GEN-2012-009	15.00	SPS	Mustang 230kV	IA Pending
GEN-2012-010	15.00	SPS	Mustang 230kV	IA Pending
GEN-2012-011	200.00	SUNCMKEC	Tap Spearville - Post Rock 345kV (North of GEN-2011-017 Tap)	Facility Study
GEN-2012-020	478.00	SPS	TUCO 230kV	IA Pending
GEN-2012-021	4.80	LES	Terry Bundy Generating Station 115kV	On-Line
GEN-2012-023	115.00	WERE	Viola 345kV	IA Pending
GEN-2012-024	180.00	SUNCMKEC	Clark County 345kV	Facility Study
GEN-2012-026	100.00	MIDW	Colby 115kV	IA Pending
GEN-2012-027	136.00	AEPW	Shidler 138kV	On Schedule for 2015
GEN-2012-028	74.80	WFEC	Gotebo 69kV	On Schedule for 2015
GEN-2012-031	200.00	OKGE	Cimarron 345kV (GEN-2010-040 Sub)	IA Pending
GEN-2012-032	300.00	OKGE	Tap Rose Hill - Sooner (Ranch) 345kV	IA Pending
GEN-2012-033	98.80	OKGE	Tap and Tie South 4th - Bunch Creek & Enid Tap - Fairmont (GEN-2012-033T) 138kV	On Schedule for 2015
GEN-2012-034	7.00	SPS	Mustang 230kV	IA Pending
GEN-2012-035	7.00	SPS	Mustang 230kV	IA Pending
GEN-2012-036	7.00	SPS	Mustang 230kV	IA Pending
GEN-2012-037	203.00	SPS	TUCO 345kV	Facility Study
GEN-2012-040	76.50	WFEC	Chilocco 138kV	On Schedule for 2015
GEN-2012-041	121.50	OKGE	Tap Rose Hill - Sooner 345kV	On Schedule for 2015
GEN-2013-002	50.60	LES	Tap Sheldon - Folsom & Pleasant Hill 115kV CKT 2	Facility Study
GEN-2013-004	6.00	NPPD	Tap Fort Randall - Columbus (Meadow Grove) 230kV	Facility Study
GEN-2013-005	73.50	NPPD	Meadow Grove (GEN-2008-086N2 Sub) 230kV	Facility Study
GEN-2013-006	50.60	NPPD	Tap Fort Randall - Columbus (Meadow Grove) 230kV	Facility Study
GEN-2013-007	100.30	OKGE	Tap Prices Falls - Carter 138kV	Facility Study
GEN-2013-008	1.20	NPPD	Steele City 115kV	On-Line
GEN-2013-009	100.30	AEPW	Tap Alluwe Tap - Vinita Junction 138kV	Facility Study
GEN-2013-010	99.00	SUNCMKEC	Tap Spearville - Post Rock 345kV (GEN-2012-011 Tap)	Facility Study
GEN-2013-011	30.00	AEPW	Turk 138kV	Facility Study
GEN-2013-012	147.00	OKGE	Redbud 345kV	Facility Study
GEN-2013-013	248.40	SPS	Tap Eddy County - Tolk 345kV	Facility Study
GEN-2013-014	25.50	NPPD	Tap Guide Rock - Pauline (GEN-2008-123N Tap) 115kV	IA Pending
GEN-2013-015	125.80	NPPD	Tap Pauline - Hildreth 115kV	IA Pending
GEN-2013-016	203.00	SPS	TUCO 345kV	Facility Study
GEN-2013-019	73.60	LES	Tap Sheldon - Folsom & Pleasant Hill (GEN-2013-002 Tap) 115kV CKT 2	Facility Study
GEN-2013-022	25.00	SPS	Norton 115kV	Facility Study
GEN-2013-025	50.00	OKGE	Tap Cimarron - Woodring (Mathewson) 345kV	Facility Study
GEN-2013-026	150.00	GMO	Tap Saint Joseph - Cooper 345kV (GEN-2010-056 Tap)	Facility Study
GEN-2013-027	150.00	SPS	Tap Tolk - Yoakum 230kV	DISIS Stage
GEN-2013-027	326.40	SPS	Tap Tolk - Yoakum 230kV	DISIS Stage
GEN-2013-028	559.50	GRDA	Tap N Tulsa - GRDA 1 345kV	Facility Study

Request	Amount	Area	Requested/Proposed Point of Interconnection	Status or In-Service Date
GEN-2013-029	300.00	OKGE	Renfrow 345kV	Facility Study
GEN-2013-030	300.00	OKGE	Tap Hitchland - Woodward Dbl Ckt (Beaver County) 345kV	Facility Study
GEN-2013-031	370.00	SPS	Bushland 230kV	Facility Study
GEN-2013-032	204.00	NPPD	Neligh 115kV	Facility Study
GEN-2013-033	28.00	MIDW	Goodman Energy Center 115kV	Facility Study
GEN-2013-034	73.60	OKGE	Tap Hitchland - Woodward Dbl Ckt (GEN-2013-034 Tap) 345kV	Facility Study
GEN-2013-035	100.00	OKGE	Tap Woodward - Tatonga 345kV (GEN-2011-051 Tap)	Facility Study
GEN-2014-001	200.60	WERE	Tap Wichita - Emporia Energy Center 345kV	Facility Study
GEN-2014-002	10.53	OKGE	Tatonga 345kV (GEN-2007-021 POI)	Facility Study
GEN-2014-003	15.84	OKGE	Tatonga 345kV (GEN-2007-044 POI)	Facility Study
GEN-2014-004	3.96	NPPD	Steele City 115kV (GEN-2011-018 POI)	Facility Study
GEN-2014-005	5.67	OKGE	Minco 345kV (GEN-2011-010 POI)	Facility Study
GEN-2014-006	74.90	NPPD	Harbine 115kV	DISIS Stage
GEN-2014-007	400.00	SPS	Tap TUCO Interchange - Border 345kV	DISIS Stage
GEN-2014-012	850.00	SPS	Tap Hobbs Interchange - Andrews 230kV	Facility Study
GEN-2014-013	73.50	NPPD	Meadow Grove (GEN-2008-086N2 Sub) 230kV	Facility Study
Gray County Wind (Montezuma)	110.00	SUNCMKEC	Gray County Tap 115kV	On-Line
Llano Estacado (White Deer)	80.00	SPS	Llano Wind 115kV	On-Line
NPPD Distributed (Broken Bow)	8.30	NPPD	Broken Bow 115kV	On-Line
NPPD Distributed (Burt County Wind)	12.00	NPPD	Tekamah & Oakland 115kV	On-Line
NPPD Distributed (Burwell)	3.00	NPPD	Ord 115kV	On-Line
NPPD Distributed (Columbus Hydro)	45.00	NPPD	Columbus 115kV	On-Line
NPPD Distributed (Ord)	11.90	NPPD	Ord 115kV	On-Line
NPPD Distributed (Stuart)	2.10	NPPD	Ainsworth 115kV	On-Line
SPS Distributed (Dumas 19th St)	20.00	SPS	Dumas 19th Street 115kV	On-Line
SPS Distributed (Etter)	20.00	SPS	Etter 115kV	On-Line
SPS Distributed (Hopi)	10.00	SPS	Hopi 115kV	On-Line
SPS Distributed (Jal)	10.00	SPS	S Jal 115kV	On-Line
SPS Distributed (Lea Road)	10.00	SPS	Lea Road 115kV	On-Line
SPS Distributed (Monument)	10.00	SPS	Monument 115kV	On-Line
SPS Distributed (Moore E)	25.00	SPS	Moore East 115kV	On-Line
SPS Distributed (Ocotillo)	10.00	SPS	S_Jal 115kV	On-Line
SPS Distributed (Sherman)	20.00	SPS	Sherman 115kV	On-Line
SPS Distributed (Spearman)	10.00	SPS	Spearman 69kV	On-Line
SPS Distributed (TC-Texas County)	20.00	SPS	Texas County 115kV	On-Line
Total:				29,524.9

C: Study Groupings

C. Study Groups

GROUP 1: WOODWARD AREA			
Request	Capacity	Area	Proposed Point of Interconnection
GEN-2001-014	96.00	WFEC	Ft Supply 138kV
GEN-2001-037	100.00	OKGE	FPL Moreland Tap 138kV
GEN-2005-008	120.00	OKGE	Woodward 138kV
GEN-2006-024S	19.80	WFEC	Buffalo Bear Tap 69kV
GEN-2006-046	131.00	OKGE	Dewey 138kV
GEN-2007-021	201.00	OKGE	Tatonga 345kV
GEN-2007-043	200.00	OKGE	Minco 345kV
GEN-2007-044	300.00	OKGE	Tatonga 345kV
GEN-2007-050	170.00	OKGE	Woodward EHV 138kV
GEN-2007-062	765.00	OKGE	Woodward EHV 345kV
GEN-2008-003	101.00	OKGE	Woodward EHV 138kV
GEN-2008-044	197.80	OKGE	Tatonga 345kV
GEN-2010-011	29.70	OKGE	Tatonga 345kV
GEN-2010-040	300.00	OKGE	Cimarron 345kV
GEN-2011-007	250.10	OKGE	Tap Cimarron - Woodring (Mathewson) 345kV
GEN-2011-010	100.80	OKGE	Minco 345kV
GEN-2011-019	299.00	OKGE	Woodward 345kV
GEN-2011-020	299.00	OKGE	Woodward 345kV
GEN-2011-051	104.40	OKGE	Tap Woodward - Tatonga 345kV
GEN-2011-054	300.00	OKGE	Cimarron 345kV
GEN-2012-031	200.00	OKGE	Cimarron 345kV (GEN-2010-040 Sub)
GEN-2013-025	50.00	OKGE	Tap Cimarron - Woodring (Mathewson) 345kV
GEN-2013-034	73.60	OKGE	Tap Hitchland - Woodward Dbl Ckt (GEN-2013-034 Tap) 345kV
GEN-2013-035	100.00	OKGE	Tap Woodward - Tatonga 345kV (GEN-2011-051 Tap)
GEN-2014-002	10.53	OKGE	Tatonga 345kV (GEN-2007-021 POI)
GEN-2014-003	15.84	OKGE	Tatonga 345kV (GEN-2007-044 POI)
GEN-2014-005	5.67	OKGE	Minco 345kV (GEN-2011-010 POI)
PRIOR QUEUED SUBTOTAL	4,540.24		
AREA TOTAL	4,540.24		

GROUP 2: HITCHLAND AREA

Request	Capacity	Area	Proposed Point of Interconnection
ASGI-2011-002	20.00	SPS	Herring 115kV
GEN-2002-008	240.00	SPS	Hitchland 345kV
GEN-2002-009	80.00	SPS	Hansford 115kV
GEN-2003-020	160.00	SPS	Martin 115kV
GEN-2006-020S	18.90	SPS	DWS Frisco 115kV
GEN-2006-044	370.00	SPS	Hitchland 345kV
GEN-2007-046	199.50	SPS	Hitchland 115kV
GEN-2008-047	300.00	OKGE	Tap Hitchland - Woodward Dbl Ckt (Beaver County) 345kV
GEN-2010-001	300.00	OKGE	Tap Hitchland - Woodward Dbl Ckt (Beaver County) 345kV
GEN-2010-014	358.80	SPS	Hitchland 345kV
GEN-2011-014	201.00	OKGE	Tap Hitchland - Woodward Dbl Ckt (Beaver County) 345kV
GEN-2011-022	299.00	SPS	Hitchland 345kV
GEN-2013-030	300.00	OKGE	Tap Hitchland - Woodward Dbl Ckt (Beaver County) 345kV
SPS Distributed (Dumas 19th St)	20.00	SPS	Dumas 19th Street 115kV
SPS Distributed (Etter)	20.00	SPS	Etter 115kV
SPS Distributed (Moore E)	25.00	SPS	Moore East 115kV
SPS Distributed (Sherman)	20.00	SPS	Sherman 115kV
SPS Distributed (Spearman)	10.00	SPS	Spearman 69kV
SPS Distributed (TC-Texas County)	20.00	SPS	Texas County 115kV
PRIOR QUEUED SUBTOTAL	2,962.20		
AREA TOTAL	2,962.20		

GROUP 3: SPEARVILLE AREA

Request	Capacity	Area	Proposed Point of Interconnection
ASGI-2012-006	22.50	SUNCMKEC	Tap Hugoton - Rolla 69kV
GEN-2001-039A	105.00	SUNCMKEC	Tap Greensburg - Ft Dodge (Shooting Star Tap) 115kV
GEN-2002-025A	150.00	SUNCMKEC	Spearville 230kV
GEN-2004-014	154.50	SUNCMKEC	Spearville 230kV
GEN-2005-012	250.00	SUNCMKEC	Ironwood 345kV
GEN-2006-006	205.50	SUNCMKEC	Spearville 345kV
GEN-2006-021	101.00	SUNCMKEC	Flat Ridge Tap 138kV
GEN-2007-038	200.00	SUNCMKEC	Spearville 345kV
GEN-2007-040	200.00	SUNCMKEC	Buckner 345kV
GEN-2008-018	250.00	SPS	Finney 345kV
GEN-2008-079	99.20	SUNCMKEC	Tap Cudahy - Ft Dodge 115kV
GEN-2008-124	200.10	SUNCMKEC	Ironwood 345kV
GEN-2010-009	165.60	SUNCMKEC	Buckner 345kV
GEN-2010-015	200.10	SUNCMKEC	Spearville 345kV
GEN-2010-045	197.80	SUNCMKEC	Buckner 345kV
GEN-2011-008	600.00	SUNCMKEC	Clark County 345kV
GEN-2011-016	200.10	SUNCMKEC	Spearville 345kV
GEN-2011-017	299.00	SUNCMKEC	Tap Spearville - PostRock (GEN-2011-017T) 345kV
GEN-2012-007	120.00	SUNCMKEC	Rubart 115kV
GEN-2012-011	200.00	SUNCMKEC	Tap Spearville - Post Rock 345kV (North of GEN-2011-017 Tap)
GEN-2012-024	180.00	SUNCMKEC	Clark County 345kV
GEN-2013-010	99.00	SUNCMKEC	Tap Spearville - Post Rock 345kV (GEN-2012-011 Tap)
Gray County Wind (Montezuma)	110.00	SUNCMKEC	Gray County Tap 115kV
PRIOR QUEUED SUBTOTAL	4,309.40		
AREA TOTAL	4,309.40		

GROUP 4/11: NW KANSAS AREA

Request	Capacity	Area	Proposed Point of Interconnection
ASGI-2013-004	29.60	SUNCMKEC	Morris 115kV
GEN-2001-039M	100.00	SUNCMKEC	Central Plains Tap 115kV
GEN-2003-006A	200.00	SUNCMKEC	Elm Creek 230kV
GEN-2003-019	250.00	MIDW	Smoky Hills Tap 230kV
GEN-2006-031	75.00	MIDW	Knoll 115kV
GEN-2006-040	108.00	SUNCMKEC	Mingo 115kV
GEN-2007-011	135.00	SUNCMKEC	Syracuse 115kV
GEN-2008-017	300.00	SUNCMKEC	Setab 345kV
GEN-2008-092	201.00	MIDW	Post Rock 230kV
GEN-2009-008	199.50	MIDW	South Hays 230kV
GEN-2009-020	48.60	MIDW	Tap Nekoma - Bazine (Walnut Creek) 69kV
GEN-2010-048	70.00	MIDW	Tap Beach Station - Redline 115kV
GEN-2010-057	201.00	MIDW	Rice County 230kV
GEN-2012-026	100.00	MIDW	Colby 115kV
GEN-2013-033	28.00	MIDW	Goodman Energy Center 115kV
PRIOR QUEUED SUBTOTAL	2,045.70		
GEN-2014-015	300.10	SUNC	Mingo 345kV
CURRENT CLUSTER SUBTOTAL	300.10		
AREA TOTAL	2,345.80		

GROUP 5: AMARILLO AREA

Request	Capacity	Area	Proposed Point of Interconnection
ASGI-2013-001	11.50	SPS	PanTex South 115kV
GEN-2002-022	240.00	SPS	Bushland 230kV
GEN-2008-051	322.00	SPS	Potter County 345kV
GEN-2008-088	50.60	SPS	Vega 69kV
GEN-2013-031	370.00	SPS	Bushland 230kV
Llano Estacado (White Deer)	80.00	SPS	Llano Wind 115kV
PRIOR QUEUED SUBTOTAL	1,074.10		
AREA TOTAL	1,074.10		

GROUP 6: S-TX PANHANDLE/W-TX AREA			
Request	Capacity	Area	Proposed Point of Interconnection
ASGI-2010-010	42.20	SPS	Lovington 115kV
ASGI-2010-020	30.00	SPS	Tap LE-Tatum - LE-Crossroads 69kV
ASGI-2010-021	15.00	SPS	Tap LE-Saunders Tap - LE-Anderson 69kV
ASGI-2011-001	28.80	SPS	Lovington 115kV
ASGI-2011-003	10.00	SPS	Hendricks 115kV
ASGI-2011-004	20.00	SPS	Pleasant Hill 69kV
ASGI-2012-002	18.15	SPS	FE-Clovis Interchange 115kV
ASGI-2013-002	18.40	SPS	FE Tucumcari 115kV
ASGI-2013-003	18.40	SPS	FE Clovis 115kV
ASGI-2013-005	1.80	SPS	FE Clovis 115kV
ASGI-2013-006	2.00	SPS	SP-Erskine 115kV
ASGI-2014-001	2.50	SPS	SP-Erskine 115kV
GEN-2001-033	180.00	SPS	San Juan Tap 230kV
GEN-2001-036	80.00	SPS	Norton 115kV
GEN-2006-018	170.00	SPS	TUCO Interchange 230kV
GEN-2006-026	604.00	SPS	Hobbs 230kV & Hobbs 115kV
GEN-2008-022	300.00	SPS	Tap Eddy Co - Tolk (Crossroads) 345kV
GEN-2010-006	205.00	SPS	Jones 230kV
GEN-2010-046	56.00	SPS	TUCO Interchange 230kV
GEN-2011-025	82.30	SPS	Tap Floyd County - Crosby County 115kV
GEN-2011-045	205.00	SPS	Jones 230kV
GEN-2011-046	27.00	SPS	Lopez 115kV
GEN-2011-048	175.00	SPS	Mustang 230kV
GEN-2012-001	61.20	SPS	Tap Grassland - Borden County 230kV
GEN-2012-009	15.00	SPS	Mustang 230kV
GEN-2012-010	15.00	SPS	Mustang 230kV
GEN-2012-020	478.00	SPS	TUCO 230kV
GEN-2012-034	7.00	SPS	Mustang 230kV
GEN-2012-035	7.00	SPS	Mustang 230kV
GEN-2012-036	7.00	SPS	Mustang 230kV
GEN-2012-037	203.00	SPS	TUCO 345kV
GEN-2013-013	248.40	SPS	Tap Eddy County - Tolk 345kV
GEN-2013-016	203.00	SPS	TUCO 345kV
GEN-2013-022	25.00	SPS	Norton 115kV
GEN-2013-027	150.00	SPS	Tap Tolk - Yoakum 230kV
GEN-2013-027	326.40	SPS	Tap Tolk - Yoakum 230kV
GEN-2014-007	400.00	SPS	Tap TUCO Interchange - Border 345kV
GEN-2014-012	850.00	SPS	Tap Hobbs Interchange - Andrews 230kV
SPS Distributed (Hopi)	10.00	SPS	Hopi 115kV
SPS Distributed (Jal)	10.00	SPS	S Jal 115kV
SPS Distributed (Lea Road)	10.00	SPS	Lea Road 115kV
SPS Distributed (Monument)	10.00	SPS	Monument 115kV
SPS Distributed (Ocotillo)	10.00	SPS	S_Jal 115kV
PRIOR QUEUED SUBTOTAL	5,337.55		
AREA TOTAL	5,337.55		

GROUP 7: SW-OKLAHOMA AREA			
Request	Capacity	Area	Proposed Point of Interconnection
GEN-2001-026	74.00	WFEC	Washita 138kV
GEN-2002-005	120.00	WFEC	Red Hills Tap 138kV
GEN-2003-004	100.00	WFEC	Washita 138kV
GEN-2003-005	100.00	WFEC	Anadarko - Paradise (Blue Canyon) 138kV
GEN-2003-022	120.00	AEPW	Washita 138kV
GEN-2004-020	27.00	AEPW	Washita 34.5kV
GEN-2004-023	20.60	WFEC	Washita 138kV
GEN-2005-003	30.60	WFEC	Washita 138kV
GEN-2006-002	101.00	AEPW	Sweetwater 230kV
GEN-2006-035	225.00	AEPW	Sweetwater 230kV
GEN-2006-043	99.00	AEPW	Sweetwater 230kV
GEN-2007-032	150.00	WFEC	Tap Clinton Junction - Clinton 138kV
GEN-2007-052	150.00	WFEC	Anadarko 138kV
GEN-2008-023	150.00	AEPW	Hobart Junction 138kV
GEN-2008-037	101.00	WFEC	Tap Washita - Blue Canyon Wind 138kV
GEN-2011-037	7.00	WFEC	Blue Canyon 5 138kV
GEN-2011-049	250.00	OKGE	Border 345kV
GEN-2012-028	74.80	WFEC	Gotebo 69kV
PRIOR QUEUED SUBTOTAL	1,900.00		
AREA TOTAL	1,900.00		

GROUP 8: N-OK/S-KS AREA			
Request	Capacity	Area	Proposed Point of Interconnection
ASGI-2010-006	150.00	AECI	Tap Fairfax (AECI) - Shilder (AEPW) 138kV
GEN-2002-004	200.00	WERE	Latham 345kV
GEN-2005-013	201.00	WERE	Tap Latham - Neosho (Caney River) 345kV
GEN-2007-025	300.00	WERE	Viola 345kV
GEN-2008-013	300.00	OKGE	Tap Wichita - Woodring (Hunter) 345kV
GEN-2008-021	42.00	WERE	Wolf Creek 345kV
GEN-2008-098	100.80	WERE	Tap Lacygne - Wolf Creek (Anderson County) 345kV
GEN-2009-025	60.00	OKGE	Nardins 69kV
GEN-2010-003	100.80	WERE	Tap Lacygne - Wolf Creek (Anderson County) 345kV
GEN-2010-005	300.00	WERE	Viola 345kV
GEN-2010-055	4.50	AEPW	Wekiwa 138kV
GEN-2011-057	150.40	WERE	Creswell 138kV
GEN-2012-023	115.00	WERE	Viola 345kV
GEN-2012-027	136.00	AEPW	Shidler 138kV
GEN-2012-032	300.00	OKGE	Tap Rose Hill - Sooner (Ranch) 345kV
GEN-2012-033	98.80	OKGE	Tap and Tie South 4th - Bunch Creek & Enid Tap - Fairmont (GEN-2012-033T) 138kV
GEN-2012-040	76.50	WFEC	Chilocco 138kV
GEN-2012-041	121.50	OKGE	Tap Rose Hill - Sooner 345kV
GEN-2013-009	100.30	AEPW	Tap Alluwe Tap - Vinita Junction 138kV
GEN-2013-012	147.00	OKGE	Redbud 345kV
GEN-2013-028	559.50	GRDA	Tap N Tulsa - GRDA 1 345kV
GEN-2013-029	300.00	OKGE	Renfrow 345kV
GEN-2014-001	200.60	WERE	Tap Wichita - Emporia Energy Center 345kV
PRIOR QUEUED SUBTOTAL	4,064.70		
AREA TOTAL	4,064.70		

GROUP 9: NEBRASKA AREA			
Request	Capacity	Area	Proposed Point of Interconnection
GEN-2002-023N	0.80	NPPD	Harmony 115kV
GEN-2003-021N	75.00	NPPD	Ainsworth Wind Tap 115kV
GEN-2004-023N	75.00	NPPD	Columbus Co 115kV
GEN-2006-020N	42.00	NPPD	Bloomfield 115kV
GEN-2006-037N1	75.00	NPPD	Broken Bow 115kV
GEN-2006-038N005	80.00	NPPD	Broken Bow 115kV
GEN-2006-038N019	80.00	NPPD	Petersburg North 115kV
GEN-2006-044N	40.50	NPPD	North Petersburg 115kV
GEN-2007-011N08	81.00	NPPD	Bloomfield 115kV
GEN-2008-086N02	200.00	NPPD	Tap Ft Randle - Columbus (Meadow Grove) 230kV
GEN-2008-119O	60.00	OPPD	S1399 161kV
GEN-2008-123N	89.70	NPPD	Tap Guide Rock - Pauline (Rosemont) 115kV
GEN-2009-040	73.80	WERE	Marshall 115kV
GEN-2010-041	10.50	OPPD	S 1399 161kV
GEN-2010-051	200.00	NPPD	Tap Twin Church - Hoskins 230kV
GEN-2011-018	73.60	NPPD	Steele City 115kV
GEN-2011-027	120.00	NPPD	Tap Twin Church - Hoskins 230kV (GEN-2010-51 Tap)
GEN-2011-055	52.80	OPPD	South Sterling 69kV
GEN-2011-056	3.60	NPPD	Jeffrey 115kV
GEN-2011-056A	3.60	NPPD	John 1 115kV
GEN-2011-056B	4.50	NPPD	John 2 115kV
GEN-2012-005	81.00	NPPD	Tap Fort Randall - Columbus (North of Meadow Grove) 230kV
GEN-2012-021	4.80	LES	Terry Bundy Generating Station 115kV
GEN-2013-002	50.60	LES	Tap Sheldon - Folsom & Pleasant Hill 115kV CKT 2
GEN-2013-004	6.00	NPPD	Tap Fort Randall - Columbus (Meadow Grove) 230kV
GEN-2013-005	73.50	NPPD	Meadow Grove (GEN-2008-086N2 Sub) 230kV
GEN-2013-006	50.60	NPPD	Tap Fort Randall - Columbus (Meadow Grove) 230kV
GEN-2013-008	1.20	NPPD	Steele City 115kV
GEN-2013-014	25.50	NPPD	Tap Guide Rock - Pauline (GEN-2008-123N Tap) 115kV
GEN-2013-015	125.80	NPPD	Tap Pauline - Hildreth 115kV
GEN-2013-019	73.60	LES	Tap Sheldon - Folsom & Pleasant Hill (GEN-2013-002 Tap) 115kV CKT 2
GEN-2013-032	204.00	NPPD	Neligh 115kV
GEN-2014-004	3.96	NPPD	Steele City 115kV (GEN-2011-018 POI)
GEN-2014-006	74.90	NPPD	Harbine 115kV
GEN-2014-013	73.50	NPPD	Meadow Grove (GEN-2008-086N2 Sub) 230kV
NPPD Distributed (Broken Bow)	8.30	NPPD	Broken Bow 115kV
NPPD Distributed (Burt County Wind)	12.00	NPPD	Tekamah & Oakland 115kV
NPPD Distributed (Burwell)	3.00	NPPD	Ord 115kV
NPPD Distributed (Columbus Hydro)	45.00	NPPD	Columbus 115kV
NPPD Distributed (Ord)	11.90	NPPD	Ord 115kV
NPPD Distributed (Stuart)	2.10	NPPD	Ainsworth 115kV
PRIOR QUEUED SUBTOTAL	2,372.66		
AREA TOTAL	2,372.66		

GROUP 10: EAST-TEXAS AREA

Request	Capacity	Area	Proposed Point of Interconnection
GEN-2014-016	229.00	AEPW	Tap Crocket - Tenaska 345kV
GEN-2014-017	527.00	AEPW	Tap Crocket - Tenaska 345kV
GEN-2014-018	756.00	AEPW	Tap Crocket - Tenaska 345kV
CURRENT CLUSTER SUBTOTAL	1,512.00		
AREA TOTAL	1,512.00		

GROUP 12: NW-AR AREA

Request	Capacity	Area	Proposed Point of Interconnection
GEN-2013-011	30.00	AEPW	Turk 138kV
PRIOR QUEUED SUBTOTAL	30.00		
AREA TOTAL	30.00		

GROUP 13: NW MISSOURI AREA

Request	Capacity	Area	Proposed Point of Interconnection
ASGI-2013-007	90.00	AECI	Tap Hickory Creek - Locust Creek 161kV
GEN-2008-129	80.00	MIPU	Pleasant Hill 161kV
GEN-2010-036	4.60	WERE	6th Street 115kV
GEN-2010-056	151.20	MIPU	Tap Saint Joseph - Cooper 345kV
GEN-2011-011	50.00	KACP	Iatan 345kV
GEN-2013-026	150.00	GMO	Tap Saint Joseph - Cooper 345kV (GEN-2010-056 Tap)
PRIOR QUEUED SUBTOTAL	525.80		
AREA TOTAL	525.80		

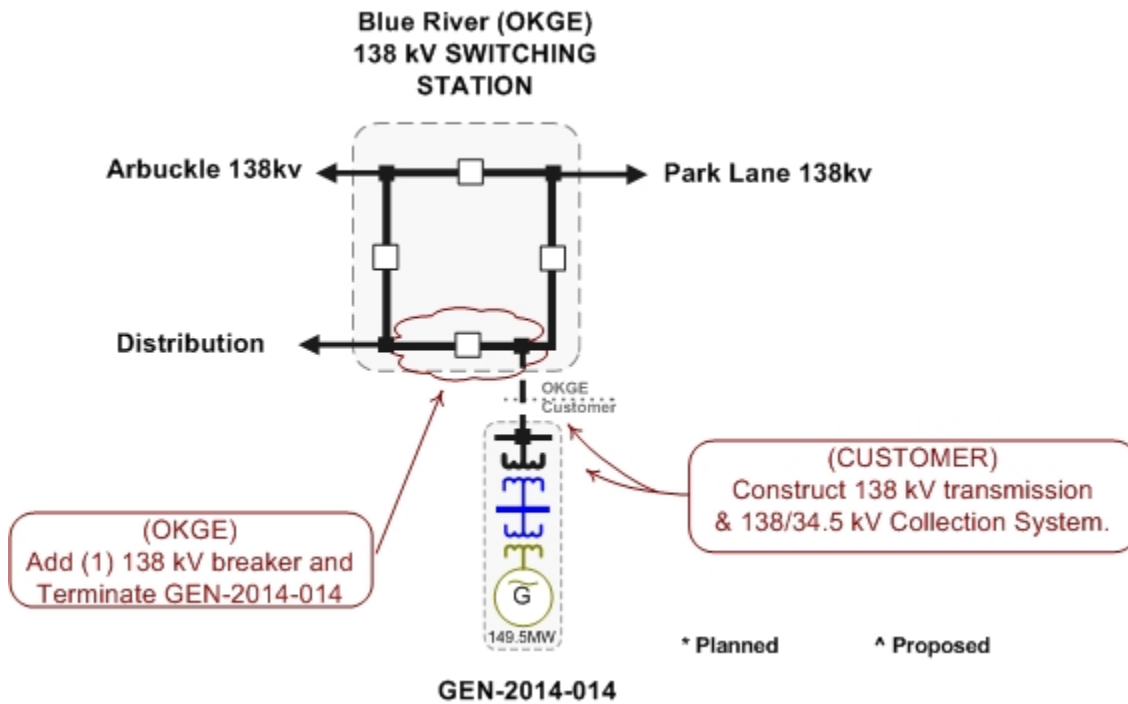
GROUP 14: S-OKLAHOMA AREA

Request	Capacity	Area	Proposed Point of Interconnection
GEN-2011-040	111.00	OKGE	Tap Ratliff - Pooleville 138kV
GEN-2011-050	109.80	AEPW	Rush Springs Natural Gas Tap 138kV
GEN-2012-004	41.40	OKGE	Tap Ratliff - Pooleville (Carter County) 138kV
GEN-2013-007	100.30	OKGE	Tap Prices Falls - Carter 138kV
PRIOR QUEUED SUBTOTAL	362.50		
GEN-2014-014	149.50	OKGE	Blue River 138 kV
CURRENT CLUSTER SUBTOTAL	149.50		
AREA TOTAL	512.00		

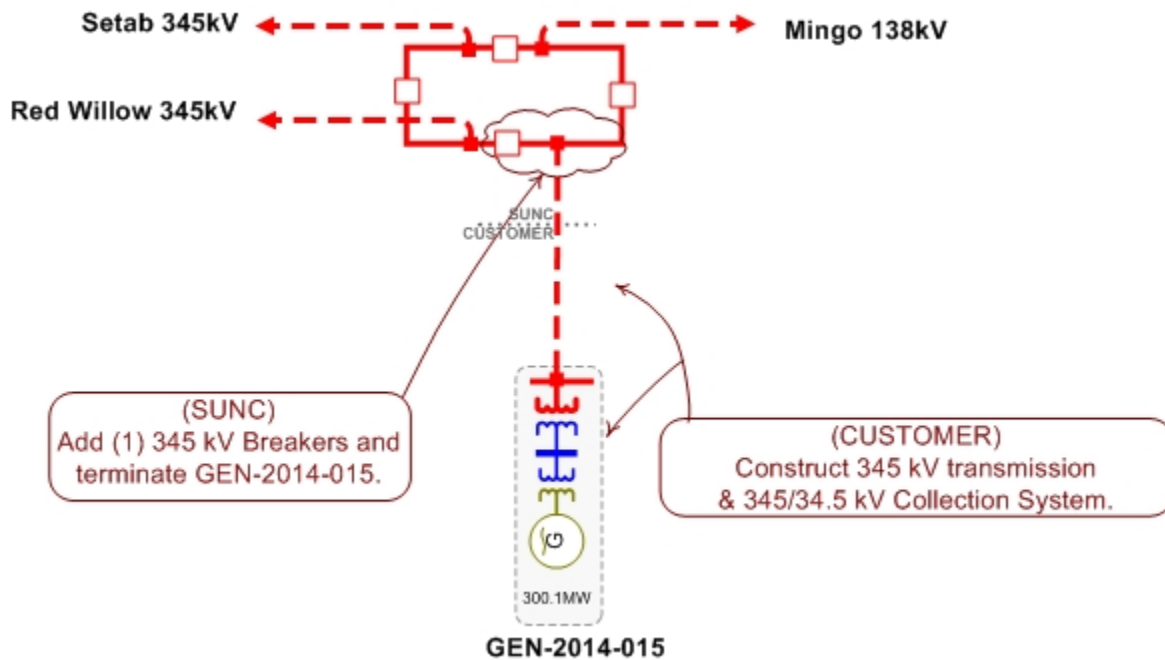
CLUSTER TOTAL (CURRENT STUDY)	1,961.6	MW
PQ TOTAL (PRIOR QUEUED)	29,524.9	MW
CLUSTER TOTAL (INCLUDING PRIOR QUEUED)	31,486.5	MW

D: Proposed Point of Interconnection One line Diagrams

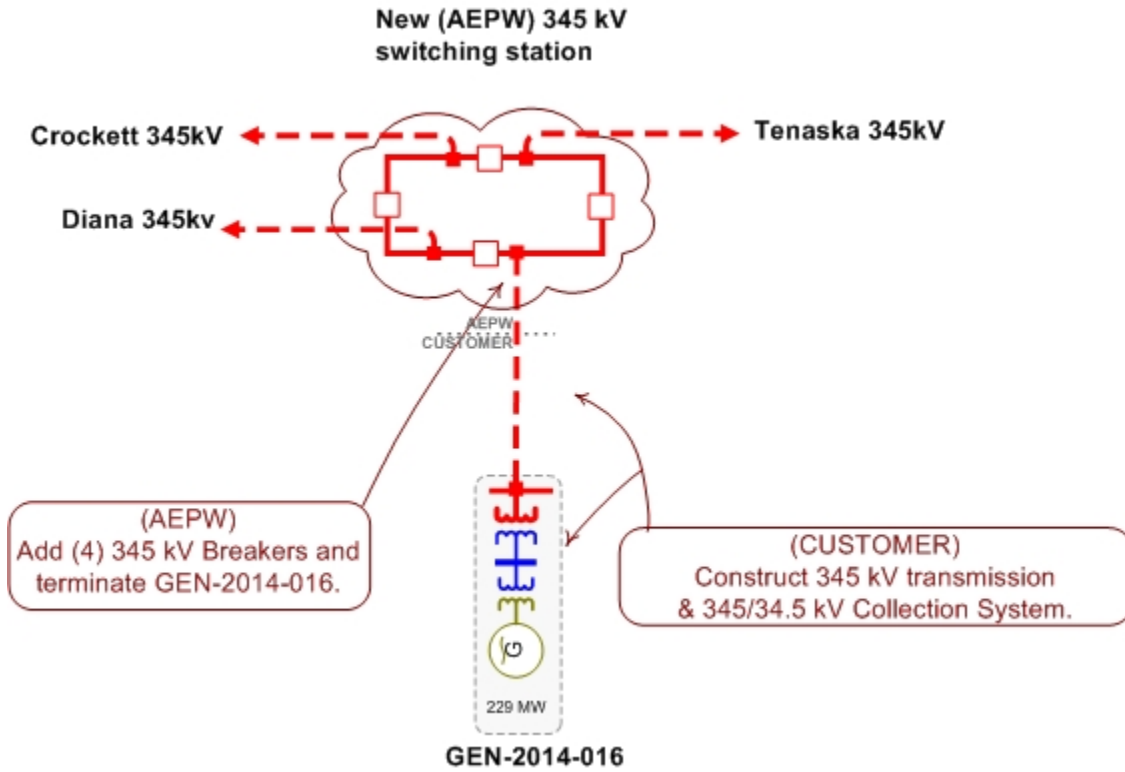
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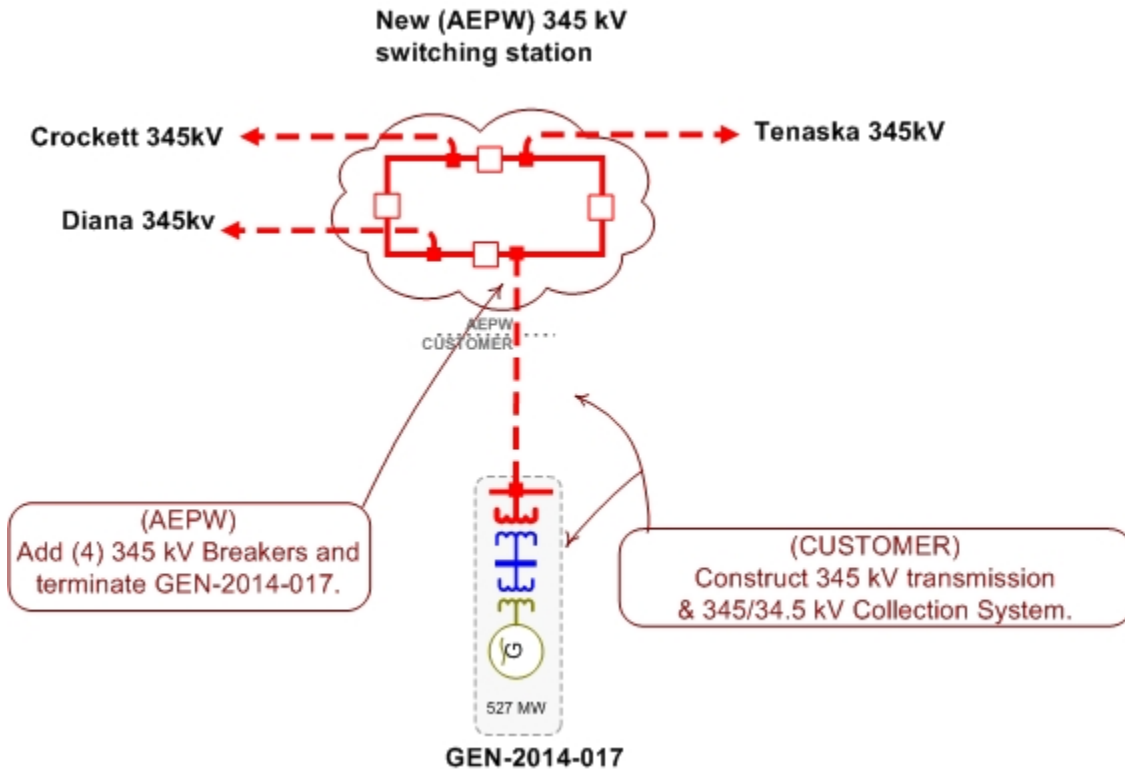
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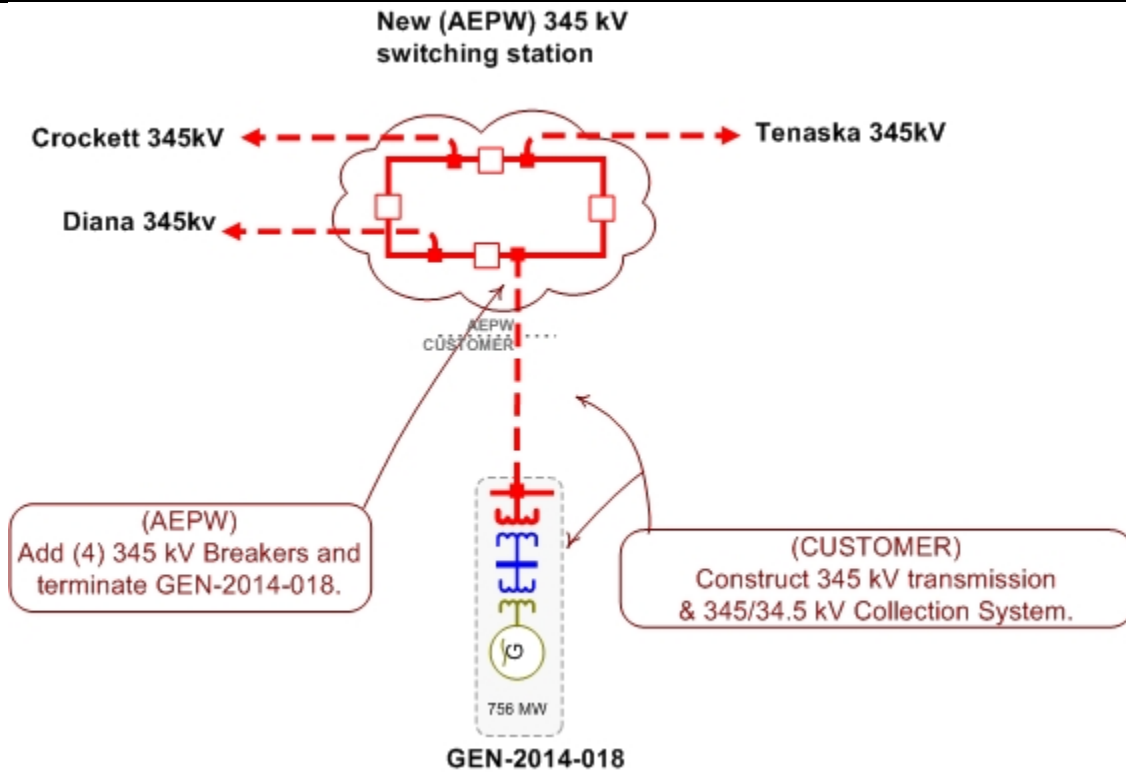
GEN-2014-016



GEN-2014-017



GEN-2014-018



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 Generator 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 an 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 Generator 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
GEN-2014-014			
Ada Industrial - Park Lane 69kV CKT 1 NRIS only: Rebuild approximately 2.8 miles of 69kV	Current Study	\$2,000,000.00	\$2,000,000.00
ADA Industrial - Vally View 69kV CKT 1 NRIS only: Rebuild approximately 1.8 miles of 69kV	Current Study	\$1,600,000.00	\$1,600,000.00
ADA OC Pump - ADA OC Pump Tap 69kV CKT 1 NRIS only: Rebuild approximately 3.2 miles of 69kV	Current Study	\$2,200,000.00	\$2,200,000.00
GEN 2014-014 Interconnection Costs See one line diagram	Current Study	\$3,300,000.00	\$3,300,000.00
Park Lane - Ahloso Tap 69kV CKT 1 NRIS only: Replace terminal equipment	Current Study	\$100,000.00	\$100,000.00
Park Lane 138/69/13.2kV Transformer CKT 3 NRIS only: Install 3rd transformer at Park Lane	Current Study	\$3,200,000.00	\$3,200,000.00
	Current Study Total	\$12,400,000.00	
GEN-2014-015			
GEN 2014-015 Interconnection Costs See one line diagram	Current Study	\$8,000,000.00	\$8,000,000.00
Bucker - Spearville 345V CKT 1 Replace Terminal equipment	Previously Allocated		\$771,000.00
Clark - Thistle 345KV Dbl CKT Priority Project: Spearville - Clark - Thistle Dbl 345kV CKT (Total Project E&C Cost Shown.)	Previously Allocated		\$426,504,292.00
Iatan - Nashua 345KV CKT 1 Balanced Portfolio: Iatan - Nashua 345kV CKT 1 (Total Project E&C Cost Shown.)	Previously Allocated		\$60,569,180.00
Nashua 345/161/13.8KV Autotransformer CKT 1 Balanced Portfolio: Nashua/161/13.8 Autotransformer 345kV CKT 1 (Total Project E&C Cost Shown.)	Previously Allocated		\$4,230,000.00
Spearville - Clark 345KV Dbl CKT Priority Project: Spearville - Clark - Thistle Dbl 345kV CKT (Total Project E&C Cost Shown.)	Previously Allocated		\$426,504,292.00
Thistle - Wichita 345KV Dbl CKT Priority Project: Thistle - Wichita Dbl 345kV CKT (Total Project E&C Cost Shown.)	Previously Allocated		\$426,504,292.00
	Current Study Total	\$8,000,000.00	

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

Cost Allocation GEN-2014-016

(Studied without GEN-2014-017 and GEN-2014-018, Including Previously Allocated Network Upgrades*)

Interconnection Request and Upgrades	Upgrade Type	Allocated Cost	Upgrade Cost
GEN-2014-016			
GEN 2014-016 Interconnection Costs See one line diagram	Current Study	\$10,000,000.00	\$10,000,000.00
GEN 2014-16 Tap - Diana 345kV CKT 1 Build approximately 75 miles of new 345kV from GEN 2014-016 tap to Diana	Current Study	\$140,000,000.00	\$140,000,000.00
Lebrock - Pirkey 345kV CKT 1 Replace Terminal Equipment	Current Study	\$750,000.00	\$750,000.00
Lebrock - Pirkey 345kV CKT 2 Replace Terminal Equipment	Current Study	\$750,000.00	\$750,000.00
	Current Study Total	\$151,500,000.00	

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

Cost Allocation GEN-2014-017

(Studied without GEN-2014-016 and GEN-2014-018, Including Previously Allocated Network Upgrades*)

Interconnection Request and Upgrades	Upgrade Type	Allocated Cost	Upgrade Cost
GEN-2014-017			
GEN 2014-017 Interconnection Costs See one line diagram	Current Study	\$10,000,000.00	\$10,000,000.00
GEN 2014-17 Tap - Diana 345kV CKT 1 Build approximately 75 miles of new 345kV from GEN 2014-017 tap to Diana	Current Study	\$140,000,000.00	\$140,000,000.00
Lebrock - Pirkey 345kV CKT 1 Replace Terminal Equipment	Current Study	\$750,000.00	\$750,000.00
Lebrock - Pirkey 345kV CKT 2 Replace Terminal Equipment	Current Study	\$750,000.00	\$750,000.00
	Current Study Total	\$151,500,000.00	

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

Cost Allocation GEN-2014-018

(Studied without GEN-2014-016 and GEN-2014-017, Including Previously Allocated Network Upgrades*)

Interconnection Request and Upgrades	Upgrade Type	Allocated Cost	Upgrade Cost
GEN-2014-018			
GEN 2014-018 Interconnection Costs See one line diagram	Current Study	\$10,000,000.00	\$10,000,000.00
GEN 2014-18 Tap - Diana 345kV CKT 1 Build approximately 75 miles of new 345kV from GEN 2014-018 tap to Diana	Current Study	\$140,000,000.00	\$140,000,000.00
Lebrock - Pirkey 345kV CKT 1 Replace Terminal Equipment	Current Study	\$750,000.00	\$750,000.00
Lebrock - Pirkey 345kV CKT 2 Replace Terminal Equipment	Current Study	\$750,000.00	\$750,000.00
Lydia - Welsh 345kV CKT 1 Replace Terminal Equipment	Current Study	\$750,000.00	\$750,000.00
	Current Study Total	\$152,250,000.00	

* 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 Generator 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

Ada Industrial - Park Lane 69kV CKT 1	\$2,000,000.00
NRIS only: Rebuild approximately 2.8 miles of 69kV	
GEN-2014-014	\$2,000,000.00
Total Allocated Costs	\$2,000,000.00
ADA Industrial - Vally View 69kV CKT 1	\$1,600,000.00
NRIS only: Rebuild approximately 1.8 miles of 69kV	
GEN-2014-014	\$1,600,000.00
Total Allocated Costs	\$1,600,000.00
ADA OC Pump - ADA OC Pump Tap 69kV CKT 1	\$2,200,000.00
NRIS only: Rebuild approximately 3.2 miles of 69kV	
GEN-2014-014	\$2,200,000.00
Total Allocated Costs	\$2,200,000.00
Park Lane - Ahloso Tap 69kV CKT 1	\$100,000.00
NRIS only: Replace terminal equipment	
GEN-2014-014	\$100,000.00
Total Allocated Costs	\$100,000.00
GEN 2014-014 Interconnection Costs	\$3,300,000.00
See one line diagram	
GEN-2014-014	\$3,300,000.00
Total Allocated Costs	\$3,300,000.00
GEN 2014-015 Interconnection Costs	\$8,000,000.00
See one line diagram	
GEN-2014-015	\$8,000,000.00
Total Allocated Costs	\$8,000,000.00
Park Lane 138/69/13.2kV Transformer CKT 3	\$3,200,000.00
NRIS only: Install 3rd transformer at Park Lane	
GEN-2014-014	\$3,200,000.00
Total Allocated Costs	\$3,200,000.00

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

Appendix F. Cost Allocation by Upgrade

GEN 2014-016 Interconnection Costs **\$10,000,000.00**

See one line diagram

GEN-2014-016 \$10,000,000.00

Total Allocated Costs **\$10,000,000.00**

GEN 2014-16 Tap - Diana 345kV CKT 1 **\$140,000,000.00**

Build approximately 75 miles of new 345kV from GEN 2014-016 tap to Diana

GEN-2014-016 \$140,000,000.00

Total Allocated Costs **\$140,000,000.00**

Lebrock - Pirkey 345kV CKT 1 **\$750,000.00**

Replace Terminal Equipment

GEN-2014-016 \$750,000.00

Total Allocated Costs **\$750,000.00**

Lebrock - Pirkey 345kV CKT 2 **\$750,000.00**

Replace Terminal Equipment

GEN-2014-016 \$750,000.00

Total Allocated Costs **\$750,000.00**

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

Appendix F. Cost Allocation by Upgrade

GEN 2014-017 Interconnection Costs **\$10,000,000.00**

See one line diagram

GEN-2014-017 \$10,000,000.00

Total Allocated Costs **\$10,000,000.00**

GEN 2014-17 Tap - Diana 345kV CKT 1 **\$140,000,000.00**

Build approximately 75 miles of new 345kV from GEN 2014-017 tap to Diana

GEN-2014-017 \$140,000,000.00

Total Allocated Costs **\$140,000,000.00**

Lebrock - Pirkey 345kV CKT 1 **\$750,000.00**

Replace Terminal Equipment

GEN-2014-017 \$750,000.00

Total Allocated Costs **\$750,000.00**

Lebrock - Pirkey 345kV CKT 2 **\$750,000.00**

Replace Terminal Equipment

GEN-2014-017 \$750,000.00

Total Allocated Costs **\$750,000.00**

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

Appendix F. Cost Allocation by Upgrade

GEN 2014-018 Interconnection Costs **\$10,000,000.00**

See one line diagram

GEN-2014-018 \$10,000,000.00

Total Allocated Costs **\$10,000,000.00**

GEN 2014-18 Tap - Diana 345kV CKT 1 **\$140,000,000.00**

Build approximately 75 miles of new 345kV from GEN 2014-018 tap to Diana

GEN-2014-018 \$140,000,000.00

Total Allocated Costs **\$140,000,000.00**

Lebrock - Pirkey 345kV CKT 1 **\$750,000.00**

Replace Terminal Equipment

GEN-2014-018 \$750,000.00

Total Allocated Costs **\$750,000.00**

Lebrock - Pirkey 345kV CKT 2 **\$750,000.00**

Replace Terminal Equipment

GEN-2014-018 \$750,000.00

Total Allocated Costs **\$750,000.00**

Lydia - Welsh 345kV CKT 1 **\$750,000.00**

Replace Terminal Equipment

GEN-2014-018 \$750,000.00

Total Allocated Costs **\$750,000.00**

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

G: FCITC Analysis Constraints Requiring Reinforcement (ERIS)

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_018	19WP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.23644	205.6	100.8019	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	19WP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.23644	205.6	100.8019	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	24SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.23612	205.8	100.6455	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	24SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.23612	205.8	100.5483	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.23196	206	171.3591	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.23612	206	104.14	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14WP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.22978	205.7	177.8871	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14WP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.23589	205.7	111.3431	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.23207	205.9	171.6257	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.23586	205.9	104.0532	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.23071	206	170.7848	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.23613	206	103.939	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.23228	205.9	170.5319	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.23588	205.9	102.8944	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	14SP	0	G14_017	'ALTO (ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	FROM->TO	0.24298	235	116.4261	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	14WP	0	G14_017	'ALTO (ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	FROM->TO	0.24125	265	104.6939	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	19SP	0	G14_017	'ALTO (ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	FROM->TO	0.24433	235	107.5938	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	19WP	0	G14_017	'ALTO (ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	FROM->TO	0.24148	265	116.6264	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	24SP	0	G14_017	'ALTO (ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	FROM->TO	0.24454	235	105.3811	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14SP	0	G14_018	'ALTO (ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	FROM->TO	0.24298	235	139.897	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14WP	0	G14_018	'ALTO (ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	FROM->TO	0.24125	265	125.5415	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'ALTO (ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	FROM->TO	0.24433	235	131.195	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'ALTO (ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	FROM->TO	0.24148	265	137.4939	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'ALTO (ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	FROM->TO	0.24454	235	129.0026	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	14SP	0	G14_017	'ALTO (ETEC) - SLOCUM 138KV CKT 1'	TO->FROM	0.24298	235	120.0006	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	14WP	0	G14_017	'ALTO (ETEC) - SLOCUM 138KV CKT 1'	TO->FROM	0.24125	265	108.5807	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	19SP	0	G14_017	'ALTO (ETEC) - SLOCUM 138KV CKT 1'	TO->FROM	0.24433	235	111.3385	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	19WP	0	G14_017	'ALTO (ETEC) - SLOCUM 138KV CKT 1'	TO->FROM	0.24148	265	120.7396	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	24SP	0	G14_017	'ALTO (ETEC) - SLOCUM 138KV CKT 1'	TO->FROM	0.24454	235	109.3385	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14SP	0	G14_018	'ALTO (ETEC) - SLOCUM 138KV CKT 1'	TO->FROM	0.24298	235	143.4715	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14WP	0	G14_018	'ALTO (ETEC) - SLOCUM 138KV CKT 1'	TO->FROM	0.24125	265	129.4283	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'ALTO (ETEC) - SLOCUM 138KV CKT 1'	TO->FROM	0.24433	235	134.9397	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'ALTO (ETEC) - SLOCUM 138KV CKT 1'	TO->FROM	0.24148	265	141.6071	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'ALTO (ETEC) - SLOCUM 138KV CKT 1'	TO->FROM	0.24454	235	132.9601	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	14SP	0	G14_017	'APRIL - LAKE FOREST 138KV CKT 1'	FROM->TO	0.23196	204.4	120.6188	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	14WP	0	G14_017	'APRIL - LAKE FOREST 138KV CKT 1'	FROM->TO	0.22978	203.6	130.4981	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	19SP	0	G14_017	'APRIL - LAKE FOREST 138KV CKT 1'	FROM->TO	0.23207	203.6	118.761	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	19WP	0	G14_017	'APRIL - LAKE FOREST 138KV CKT 1'	FROM->TO	0.23071	204.8	120.4024	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	24SP	0	G14_017	'APRIL - LAKE FOREST 138KV CKT 1'	FROM->TO	0.23228	203.5	117.1978	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14SP	0	G14_018	'APRIL - LAKE FOREST 138KV CKT 1'	FROM->TO	0.23196	204.4	146.3796	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14WP	0	G14_018	'APRIL - LAKE FOREST 138KV CKT 1'	FROM->TO	0.22978	203.6	156.3427	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'APRIL - LAKE FOREST 138KV CKT 1'	FROM->TO	0.23207	203.6	144.6352	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'APRIL - LAKE FOREST 138KV CKT 1'	FROM->TO	0.23071	204.8	146.1996	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'APRIL - LAKE FOREST 138KV CKT 1'	FROM->TO	0.23228	203.5	143.1082	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fgsensitivity	14SP	0	G14_016	'APRIL - WALDEN 138KV CKT 1'	TO->FROM	0.23196	205.3	101.0497	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fgsensitivity	14WP	0	G14_016	'APRIL - WALDEN 138KV CKT 1'	TO->FROM	0.22978	204.6	104.6039	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fgsensitivity	19SP	0	G14_016	'APRIL - WALDEN 138KV CKT 1'	TO->FROM	0.23207	204.8	100.0878	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	14SP	0	G14_017	'APRIL - WALDEN 138KV CKT 1'	TO->FROM	0.23196	205.3	129.2961	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	14WP	0	G14_017	'APRIL - WALDEN 138KV CKT 1'	TO->FROM	0.22978	204.6	138.0714	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	19SP	0	G14_017	'APRIL - WALDEN 138KV CKT 1'	TO->FROM	0.23207	204.8	128.4167	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	19WP	0	G14_017	'APRIL - WALDEN 138KV CKT 1'	TO->FROM	0.23071	205.5	129.1407	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	24SP	0	G14_017	'APRIL - WALDEN 138KV CKT 1'	TO->FROM	0.23228	204.8	127.2937	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14SP	0	G14_018	'APRIL - WALDEN 138KV CKT 1'	TO->FROM	0.23196	205.3	154.9439	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14WP	0	G14_018	'APRIL - WALDEN 138KV CKT 1'	TO->FROM	0.22978	204.6	163.7897	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'APRIL - WALDEN 138KV CKT 1'	TO->FROM	0.23207	204.8	154.1393	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'APRIL - WALDEN 138KV CKT 1'	TO->FROM	0.23071	205.5	154.85	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'APRIL - WALDEN 138KV CKT 1'	TO->FROM	0.23228	204.8	153.0396	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
04G14_015	14G	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.46972	119.5	124.1975	'GOODLAND TAP - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.46972	119.5	120.7665	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.46972	119.5	120.2644	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.47183	119.5	119.3715	'GOODLAND TAP - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.46972	119.5	118.5908	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.47169	119.5	118.1648	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.47183	119.5	116.4427	'GOODLAND - GOODLAND TAP 115KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_015	19WP	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.47183	119.5	115.8569	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.47186	119.5	115.2787	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.47169	119.5	115.1523	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.47173	119.5	114.6602	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.47169	119.5	114.6502	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.47183	119.5	113.9322	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.47169	119.5	112.8092	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.47181	119.4	112.6826	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.47186	119.5	110.3414	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.47173	119.5	109.723	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.47186	119.5	109.5883	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.47173	119.5	109.0536	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.47181	119.4	107.7412	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.47186	119.5	106.8268	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.47181	119.4	106.8199	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.47173	119.5	106.4594	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.47181	119.4	103.8886	'BREWSTER - MINGO 115KV CKT 1'
4	14G	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.46972	119.5	100.6132	'GOODLAND TAP - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.46972	119.5	124.4485	'GOODLAND TAP - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.46972	119.5	121.0176	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.46972	119.5	120.5155	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.47183	119.5	119.6226	'GOODLAND TAP - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.46972	119.5	118.8419	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.47169	119.5	118.4159	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.47183	119.5	116.6937	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.47183	119.5	116.1079	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.47186	119.5	115.6971	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.47169	119.5	115.4033	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.47173	119.5	114.995	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.47169	119.5	114.8176	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.47183	119.5	114.1833	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.47181	119.4	113.1013	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.47169	119.5	113.0603	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.47186	119.5	110.7598	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.47173	119.5	110.1414	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.47186	119.5	109.923	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.47173	119.5	109.3883	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.47181	119.4	108.16	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.47186	119.5	107.2452	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.47181	119.4	107.2387	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.47173	119.5	106.8778	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.47181	119.4	104.3074	'BREWSTER - MINGO 115KV CKT 1'
4	14G	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.46972	119.5	100.8643	'GOODLAND TAP - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59557	119.5	148.595	'LAWN RIDGE - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59557	119.5	147.8418	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59557	119.5	146.6703	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59557	119.5	145.7498	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
04G14_015	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59557	119.5	145.5824	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63144	119.5	145.4661	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63152	119.5	145.3188	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63144	119.5	144.964	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63152	119.5	144.733	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59557	119.5	144.3272	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63144	119.5	144.2109	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63152	119.5	143.8962	'KANARADO - SHARON SPRINGS 115KV CKT 1'
04G14_015	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59557	119.5	143.6577	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
04G14_015	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63277	119.5	143.5406	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59623	119.5	143.4887	'LAWN RIDGE - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63277	119.5	143.0385	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59623	119.5	142.8192	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63277	119.5	142.2853	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59598	119.5	141.9197	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59623	119.5	141.7314	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63144	119.5	141.7004	'PALMER3 - SHARON SPRINGS 115KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_015	19WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63152	119.5	141.3021	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59598	119.5	141.2502	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59623	119.5	140.9782	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63144	119.5	140.8636	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59623	119.5	140.8109	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63152	119.5	140.3816	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59598	119.5	140.246	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63141	119.5	139.8519	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63146	119.4	139.8141	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63277	119.5	139.6912	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59623	119.5	139.6393	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59598	119.5	139.4929	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59598	119.5	139.3255	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63148	119.5	139.2837	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63141	119.5	139.0988	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63146	119.4	138.9765	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59623	119.5	138.9699	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
04G14_015	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63277	119.5	138.687	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63148	119.5	138.3632	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59598	119.5	138.2376	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63141	119.5	138.0946	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63146	119.4	137.8878	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59598	119.5	137.4845	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63148	119.5	137.1916	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59621	119.4	136.4012	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59621	119.4	135.3124	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59599	119.5	135.2276	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63141	119.5	134.4126	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59599	119.5	134.2234	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63146	119.4	134.0352	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59621	119.4	133.5536	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63148	119.5	133.1749	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63141	119.5	133.0737	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59617	119.5	132.9297	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63146	119.4	132.6114	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59599	119.5	132.4661	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59621	119.4	132.2136	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59621	119.4	131.9623	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59617	119.5	131.7582	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63148	119.5	131.6686	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59599	119.5	131.2109	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59599	119.5	131.0435	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59621	119.4	130.1198	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59617	119.5	130.0008	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59621	119.4	129.366	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59599	119.5	129.2025	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59617	119.5	128.5782	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59599	119.5	128.5331	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59617	119.5	128.3272	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59617	119.5	126.2351	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59617	119.5	125.5657	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
4	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59557	119.5	118.6919	'LAWN RIDGE - RULETON 115KV CKT 1'
4	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59557	119.5	117.9388	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
4	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59557	119.5	116.7672	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
4	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59557	119.5	115.8467	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
4	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59557	119.5	115.6793	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
4	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59557	119.5	114.4241	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
4	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59557	119.5	113.7547	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
4	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63277	119.5	111.7697	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
4	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63277	119.5	111.2676	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.47823	119.5	110.518	'SPP-SEPC-11'
4	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63277	119.5	110.5145	'KANARADO - SHARON SPRINGS 115KV CKT 1'
4	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63277	119.5	107.9203	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.478	119.5	107.4477	'SPP-SEPC-11'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
4	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63277	119.5	106.9162	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.47773	119.5	106.5431	'SPP-SEPC-11'
04G14_015	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.43456	119.5	101.2285	'BASE CASE'
00G14_015	19SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.44106	119.4	101.0201	'HOLCOMB (HOLCOMB) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015	19SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.44106	119.4	101.0201	'SPP-SEPC-01'
04G14_015	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59557	119.5	145.2477	'LAWN RIDGE - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59557	119.5	144.4946	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59557	119.5	143.323	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59557	119.5	142.4025	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
04G14_015	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59557	119.5	142.2352	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63144	119.5	141.9514	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63152	119.5	141.4695	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63144	119.5	141.3657	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59557	119.5	140.9799	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63152	119.5	140.8837	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63144	119.5	140.6962	'KANARADO - SHARON SPRINGS 115KV CKT 1'
04G14_015	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59557	119.5	140.3105	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
04G14_015	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63277	119.5	140.1933	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63152	119.5	140.1305	'KANARADO - SHARON SPRINGS 115KV CKT 1'
04G14_015	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63277	119.5	139.6912	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59623	119.5	139.6393	'LAWN RIDGE - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63277	119.5	139.0218	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59623	119.5	138.9699	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59598	119.5	138.405	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63144	119.5	138.1858	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59623	119.5	137.882	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59598	119.5	137.7356	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63152	119.5	137.4527	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63144	119.5	137.2653	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59623	119.5	137.1289	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59623	119.5	136.9615	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59598	119.5	136.6477	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63152	119.5	136.6159	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
04G14_015	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63277	119.5	136.3439	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59598	119.5	135.8946	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59623	119.5	135.7899	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59598	119.5	135.7272	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
04G14_015	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63277	119.5	135.3397	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59623	119.5	135.1205	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63141	119.4	134.8602	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59598	119.5	134.6393	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63146	119.4	134.3702	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63141	119.4	134.1064	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59598	119.5	133.9699	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63146	119.4	133.5327	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63148	119.5	133.3423	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63141	119.4	133.1013	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63148	119.5	132.5054	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63146	119.4	132.4439	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63148	119.5	131.3339	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59621	119.4	130.9573	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59599	119.4	130.3158	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59621	119.4	129.7848	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63141	119.4	129.4162	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59599	119.4	129.227	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63146	119.4	128.5913	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59621	119.4	128.1097	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63141	119.4	128.0762	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59599	119.4	127.5519	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63148	119.5	127.2335	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63146	119.4	127.1675	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59617	119.5	127.072	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59621	119.4	126.7697	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59621	119.4	126.5184	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_015	14SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59599	119.4	126.2956	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59599	119.4	126.0444	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59617	119.5	125.8167	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63148	119.5	125.7272	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59621	119.4	124.5921	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59599	119.4	124.2856	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59617	119.5	124.1431	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59621	119.4	123.9221	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	14SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59599	119.4	123.5318	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59617	119.5	122.7205	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59617	119.5	122.3858	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59617	119.5	120.3774	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59617	119.5	119.6243	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
4	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59557	119.5	115.3446	'LAWN RIDGE - RULETON 115KV CKT 1'
4	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59557	119.5	114.5915	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
4	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59557	119.5	113.4199	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
4	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59557	119.5	112.4994	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
4	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59557	119.5	112.3321	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
4	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59557	119.5	111.0768	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
4	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59557	119.5	110.4074	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
4	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63277	119.5	108.4224	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
4	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63277	119.5	107.9203	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
4	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63277	119.5	107.2509	'KANARADO - SHARON SPRINGS 115KV CKT 1'
04G14_015	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.47823	119.5	107.1707	'SPP-SEPC-11'
4	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63277	119.5	104.5731	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	19WP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.478	119.5	103.5983	'SPP-SEPC-11'
4	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63277	119.5	103.5689	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	14WP	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.47773	119.5	102.9448	'SPP-SEPC-11'
00G14_017fgsensitivity	14SP	0	G14_017	'CONROE BULK - WOODHAVEN 138KV CKT 1'	TO->FROM	0.23196	188.4	117.4336	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	14WP	0	G14_017	'CONROE BULK - WOODHAVEN 138KV CKT 1'	TO->FROM	0.22978	188	129.0926	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	19SP	0	G14_017	'CONROE BULK - WOODHAVEN 138KV CKT 1'	TO->FROM	0.23207	187.2	115.7572	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	19WP	0	G14_017	'CONROE BULK - WOODHAVEN 138KV CKT 1'	TO->FROM	0.23071	189.7	118.8108	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	24SP	0	G14_017	'CONROE BULK - WOODHAVEN 138KV CKT 1'	TO->FROM	0.23228	186.9	111.5557	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14SP	0	G14_018	'CONROE BULK - WOODHAVEN 138KV CKT 1'	TO->FROM	0.23196	188.4	145.3821	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14WP	0	G14_018	'CONROE BULK - WOODHAVEN 138KV CKT 1'	TO->FROM	0.22978	188	157.0817	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'CONROE BULK - WOODHAVEN 138KV CKT 1'	TO->FROM	0.23207	187.2	143.8981	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'CONROE BULK - WOODHAVEN 138KV CKT 1'	TO->FROM	0.23071	189.7	146.6615	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'CONROE BULK - WOODHAVEN 138KV CKT 1'	TO->FROM	0.23228	186.9	139.7673	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fgsensitivity	14SP	0	G14_016	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.98155	788.8	107.5319	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fgsensitivity	14WP	0	G14_016	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.97291	788.8	107.5046	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fgsensitivity	19SP	0	G14_016	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.98321	788.7	107.5553	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fgsensitivity	19WP	0	G14_016	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.97605	789	107.6319	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fgsensitivity	24SP	0	G14_016	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.98409	788.5	107.5572	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	14SP	0	G14_017	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.98155	788.8	138.6409	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	14WP	0	G14_017	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.97291	788.8	144.2601	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	19SP	0	G14_017	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.98321	788.7	138.7208	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	19WP	0	G14_017	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.97605	789	144.4966	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	24SP	0	G14_017	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.98409	788.5	138.7585	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
0	14WP	0	G14_018	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	1	788.8	101.761	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
0	14WP	0	G14_018	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	1	788.8	101.6849	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
0	19WP	0	G14_018	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	1	789	101.7732	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
0	19WP	0	G14_018	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	1	789	101.7479	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14SP	0	G14_018	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.98155	788.8	166.8878	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14WP	0	G14_018	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.97291	788.8	172.5051	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.98321	788.7	167.0191	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.97605	789	172.8256	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.98409	788.5	167.0893	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fgsensitivity	14SP	0	G14_016	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.24298	234.9	109.0492	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fgsensitivity	19SP	0	G14_016	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.24433	235	100.8353	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fgsensitivity	19WP	0	G14_016	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.24148	264.7	109.4065	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	14SP	0	G14_017	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.24298	234.9	134.9091	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	14WP	0	G14_017	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.24125	264.9	123.1932	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	19SP	0	G14_017	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.24433	235	126.8278	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	19WP	0	G14_017	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.24148	264.7	136.5923	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_017fgsensitivity	24SP	0	G14_017	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.24454	235	125.8492	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
0	14SP	0	G14_018	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.24754	235	101.9169	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
0	14SP	0	G14_018	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.24754	235	101.8318	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
0	19WP	0	G14_018	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.2472	264.8	108.7533	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
0	19WP	0	G14_018	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.2472	264.8	108.7533	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	19WP	0	G14_018	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.2472	264.8	104.3743	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	19WP	0	G14_018	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.2472	264.8	104.3743	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14SP	0	G14_018	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.24298	234.9	158.3899	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14WP	0	G14_018	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.24125	264.9	144.0487	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.24433	235	150.4291	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.24148	264.7	157.4835	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.24454	235	149.4707	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	14WP	0	G14_017	'CROCKETT (CROCKETT) 345/138/13.8KV TRANSFORMER CKT 1'	FROM->TO	0.24125	329.7	102.9538	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	14WP	0	G14_017	'CROCKETT (CROCKETT) 345/138/13.8KV TRANSFORMER CKT 1'	FROM->TO	0.24125	329.9	102.8611	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	19WP	0	G14_017	'CROCKETT (CROCKETT) 345/138/13.8KV TRANSFORMER CKT 1'	FROM->TO	0.24148	329.3	114.048	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	19WP	0	G14_017	'CROCKETT (CROCKETT) 345/138/13.8KV TRANSFORMER CKT 1'	FROM->TO	0.24148	329.7	113.8489	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14SP	0	G14_018	'CROCKETT (CROCKETT) 345/138/13.8KV TRANSFORMER CKT 1'	FROM->TO	0.24298	329.8	116.1486	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14SP	0	G14_018	'CROCKETT (CROCKETT) 345/138/13.8KV TRANSFORMER CKT 1'	FROM->TO	0.24298	330	116.0479	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14WP	0	G14_018	'CROCKETT (CROCKETT) 345/138/13.8KV TRANSFORMER CKT 1'	FROM->TO	0.24125	329.7	119.7103	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14WP	0	G14_018	'CROCKETT (CROCKETT) 345/138/13.8KV TRANSFORMER CKT 1'	FROM->TO	0.24125	329.9	119.6075	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'CROCKETT (CROCKETT) 345/138/13.8KV TRANSFORMER CKT 1'	FROM->TO	0.24433	329.9	110.7027	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'CROCKETT (CROCKETT) 345/138/13.8KV TRANSFORMER CKT 1'	FROM->TO	0.24433	330	110.6389	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'CROCKETT (CROCKETT) 345/138/13.8KV TRANSFORMER CKT 1'	FROM->TO	0.24148	329.3	130.8409	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'CROCKETT (CROCKETT) 345/138/13.8KV TRANSFORMER CKT 1'	FROM->TO	0.24148	329.7	130.6214	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'CROCKETT (CROCKETT) 345/138/13.8KV TRANSFORMER CKT 1'	FROM->TO	0.24454	329.9	110.2626	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'CROCKETT (CROCKETT) 345/138/13.8KV TRANSFORMER CKT 1'	FROM->TO	0.24454	330	110.1988	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'DIANA - PIRKEY 345KV CKT 1'	TO->FROM	0.63171	1242.5	103.5512	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'
0	14WP	0	G14_018	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'	FROM->TO	1	787.4	101.9419	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'
0	19WP	0	G14_018	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'	FROM->TO	1	788.1	101.8895	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'
04G14_015	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59557	119.5	149.5992	'LAWN RIDGE - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59557	119.5	148.846	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59557	119.5	147.6745	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59557	119.5	146.754	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
04G14_015	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59557	119.5	146.5866	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	14WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63144	119.5	146.4703	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63152	119.5	146.4067	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63144	119.5	145.9682	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63152	119.5	145.8209	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59557	119.5	145.3314	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	14WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63144	119.5	145.2151	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015	19WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63152	119.5	145.0678	'KANARADO - SHARON SPRINGS 115KV CKT 1'
04G14_015	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59557	119.5	144.6619	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	19WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59623	119.5	144.5766	'LAWN RIDGE - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63277	119.5	144.5448	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63277	119.5	144.0427	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59623	119.5	143.9071	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63277	119.5	143.2895	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015	14WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59598	119.5	143.0075	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59623	119.5	142.9029	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63144	119.5	142.7883	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	19WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63152	119.5	142.39	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	14WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59598	119.5	142.3381	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59623	119.5	142.0661	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	19WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59623	119.5	141.8987	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	14WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63144	119.5	141.8678	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	19WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63152	119.5	141.5531	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63146	119.4	141.4053	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63141	119.5	141.3582	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59598	119.5	141.2502	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	24SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63148	119.5	140.9573	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59623	119.5	140.7272	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
04G14_015	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63277	119.5	140.6954	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	14SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63141	119.5	140.605	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63146	119.4	140.5678	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_015	14WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59598	119.5	140.4971	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	14WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59598	119.5	140.3297	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63148	119.5	140.1205	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59623	119.5	140.0577	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
04G14_015	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63277	119.5	139.6075	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	14SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63141	119.5	139.5172	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63146	119.4	139.4791	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015	14WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59598	119.5	139.2418	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63148	119.5	138.949	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015	14WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59598	119.5	138.5724	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59621	119.4	137.9925	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59621	119.4	136.9037	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59599	119.5	136.7339	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63141	119.5	135.9188	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	14SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59599	119.5	135.646	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63146	119.4	135.6265	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59621	119.4	135.1449	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	24SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63148	119.5	134.8485	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	24SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59617	119.5	134.687	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63141	119.5	134.5799	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63146	119.4	134.2027	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	14SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59599	119.5	133.9724	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59621	119.4	133.8049	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59621	119.4	133.5536	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59617	119.5	133.4318	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	24SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63148	119.5	133.3423	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	14SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59599	119.5	132.7172	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	14SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59599	119.5	132.4661	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59617	119.5	131.7582	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59621	119.4	131.6273	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59621	119.4	130.9573	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	14SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59599	119.5	130.7088	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59617	119.5	130.3356	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	14SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59599	119.5	130.0393	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59617	119.5	130.0008	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59617	119.5	127.9925	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59617	119.5	127.323	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
4	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59557	119.5	119.6961	'LAWN RIDGE - RULETON 115KV CKT 1'
4	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59557	119.5	118.9429	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
4	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59557	119.5	117.7714	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
4	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59557	119.5	116.8509	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
4	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59557	119.5	116.6835	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
4	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59557	119.5	115.4283	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
4	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59557	119.5	114.7588	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
4	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63277	119.5	112.7739	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
4	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63277	119.5	112.2718	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
4	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63277	119.5	111.5187	'KANARADO - SHARON SPRINGS 115KV CKT 1'
04G14_015	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.47823	119.5	111.4385	'SPP-SEPC-11'
4	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63277	119.5	108.9245	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	19WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.478	119.5	108.5356	'SPP-SEPC-11'
4	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63277	119.5	107.8367	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	14WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.47773	119.5	107.5473	'SPP-SEPC-11'
00G14_015	14WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.44087	119.5	107.4987	'SPP-SEPC-01'
00G14_015	14WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.44087	119.5	107.4987	'HOLCOMB (HOLCOMB) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.44106	119.4	102.6114	'HOLCOMB (HOLCOMB) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.44106	119.4	102.6114	'SPP-SEPC-01'
04G14_015	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.43456	119.5	102.2326	'BASE CASE'
00G14_015	19SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.47794	119.4	100.9062	'SPP-SEPC-11'
00G14_015	14SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.47772	119.5	100.0134	'SPP-SEPC-11'
04G14_015	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59557	79.7	234.5935	'LAWN RIDGE - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59557	79.7	233.4642	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59557	79.7	231.7077	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59557	79.7	230.3275	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
04G14_015	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59557	79.7	230.202	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_015	14WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63144	79.7	228.7729	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63152	79.7	228.5521	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59557	79.7	228.1945	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	14WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63144	79.7	228.0201	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63152	79.7	227.6738	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59557	79.7	227.1907	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
04G14_015	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63277	79.7	227.0151	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63144	79.7	226.8908	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015	24SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63148	79.6	226.6885	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63146	79.7	226.6474	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63141	79.7	226.6286	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63152	79.7	226.4191	'KANARADO - SHARON SPRINGS 115KV CKT 1'
04G14_015	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63277	79.7	226.2622	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59623	79.7	225.808	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63146	79.7	225.5182	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63141	79.7	225.4994	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015	24SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63148	79.6	225.3065	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63277	79.7	225.2585	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015	19WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59623	79.7	224.8043	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63141	79.7	223.9938	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63146	79.7	223.8871	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015	14WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59598	79.7	223.5809	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	24SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63148	79.6	223.5477	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015	19WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59623	79.7	223.1731	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63144	79.7	223.1267	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	14WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59598	79.7	222.5772	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63152	79.7	222.5295	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	19WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59623	79.7	222.0439	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	14WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63144	79.7	221.872	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	19WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59623	79.7	221.793	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59621	79.7	221.66	'LAWN RIDGE - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63277	79.7	221.3689	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	19WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63152	79.7	221.1493	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	14WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59598	79.7	220.946	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59623	79.7	220.0364	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59621	79.7	219.9034	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59599	79.7	219.8206	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59598	79.7	219.8168	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
04G14_015	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63277	79.7	219.7378	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	14WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59598	79.7	219.5659	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59623	79.7	219.0326	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	14SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63141	79.7	218.473	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	14SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59599	79.7	218.1895	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63146	79.7	217.99	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	14WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59598	79.7	217.9348	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63148	79.6	217.5176	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59621	79.7	217.394	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	24SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59617	79.6	217.1495	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59598	79.7	216.931	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	14SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63141	79.7	216.4655	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63146	79.7	215.857	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	14SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59599	79.7	215.6801	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	24SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59617	79.6	215.3907	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59621	79.7	215.3865	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	24SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63148	79.6	215.2563	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59621	79.7	215.01	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	14SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59599	79.7	213.798	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	14SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59599	79.7	213.4216	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59617	79.6	212.7525	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59621	79.7	212.1242	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59621	79.7	211.1205	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	14SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59599	79.7	210.6612	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59617	79.6	210.6169	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	24SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59617	79.6	210.24	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_015	14SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59599	79.7	209.6575	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59617	79.6	207.0992	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59617	79.6	206.0942	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
4	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59557	79.7	189.7576	'LAWN RIDGE - RULETON 115KV CKT 1'
4	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59557	79.7	188.6284	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
4	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59557	79.7	186.8718	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
4	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59557	79.7	185.4916	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
4	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59557	79.7	185.3661	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
4	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59557	79.7	183.3586	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
4	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59557	79.7	182.3548	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
4	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63277	79.7	179.3787	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.478	79.7	178.7955	'SPP-SEPC-12'
4	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63277	79.7	178.6259	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015	14WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.47773	79.7	178.0665	'SPP-SEPC-12'
4	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63277	79.7	177.6221	'KANARADO - SHARON SPRINGS 115KV CKT 1'
04G14_015	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.47823	79.7	177.5019	'SPP-SEPC-11'
4	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63277	79.7	173.7325	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
4	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63277	79.7	172.1014	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.44106	79.7	168.655	'SPP-SEPC-01'
00G14_015	19SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.44106	79.7	168.655	'HOLCOMB (HOLCOMB) 345/115/13.8KV TRANSFORMER CKT 1'
04G14_015	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.415	79.7	168.6324	'MINGO - SETAB 345KV CKT 1'
00G14_015	19WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.44773	79.7	168.0289	'SPP-SEPC-03'
00G14_015	14WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.44749	79.7	166.4329	'SPP-SEPC-03'
00G14_015	24SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.44107	79.6	164.4736	'SPP-SEPC-01'
00G14_015	24SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.44107	79.6	164.4736	'HOLCOMB (HOLCOMB) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.4477	79.7	163.6261	'SPP-SEPC-03'
00G14_015	14SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.44092	79.7	163.5835	'SPP-SEPC-01'
00G14_015	14SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.44092	79.7	163.5835	'HOLCOMB (HOLCOMB) 345/115/13.8KV TRANSFORMER CKT 1'
04G14_015	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.43456	79.7	163.5734	'BASE CASE'
00G14_015	19SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.4477	79.7	163.1242	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.4477	79.7	162.7478	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.44749	79.7	162.5433	'SPP-SEPC-03'
00G14_015	14SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.44749	79.7	162.1669	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015	19SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.4477	79.7	161.995	'NORCATUR - OBERLIN TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.44749	79.7	161.665	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.44749	79.7	160.9122	'NORCATUR - OBERLIN TAP 115KV CKT 1'
00G14_015	24SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.44767	79.6	159.6747	'SPP-SEPC-03'
00G14_015	24SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.44767	79.6	159.1721	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.43454	79.7	158.2961	'BASE CASE'
00G14_015	14WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.43428	79.7	156.8181	'BASE CASE'
00G14_015	19SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.43449	79.7	154.1368	'BASE CASE'
00G14_015	14SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.43426	79.7	152.67	'BASE CASE'
00G14_015	24SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.43447	79.6	150.8053	'BASE CASE'
4	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.47823	79.7	141.4996	'SPP-SEPC-11'
4	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.415	79.7	137.3902	'MINGO - SETAB 345KV CKT 1'
4	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.43456	79.7	130.8587	'BASE CASE'
00G14_016fgsensitivity	14SP	0	G14_016	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.24298	235	103.3857	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fgsensitivity	19WP	0	G14_016	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.24148	264.9	103.6236	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	14SP	0	G14_017	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.24298	235	129.2347	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	14WP	0	G14_017	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.24125	265	117.826	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	19SP	0	G14_017	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.24433	235	120.998	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	19WP	0	G14_017	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.24148	264.9	130.789	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	24SP	0	G14_017	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.24454	235	119.5939	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
0	19WP	0	G14_018	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.2472	264.9	103.0875	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
0	19WP	0	G14_018	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.2472	264.9	103.0875	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14SP	0	G14_018	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.24298	235	152.7055	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14WP	0	G14_018	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.24125	265	138.6736	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.24433	235	144.5993	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.24148	264.9	151.6644	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.24454	235	143.2154	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fgsensitivity	14SP	0	G14_016	'GRAPELAND (ETEC) - SLOCUM 138KV CKT 1'	FROM->TO	0.24298	235	100.2793	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fgsensitivity	19WP	0	G14_016	'GRAPELAND (ETEC) - SLOCUM 138KV CKT 1'	FROM->TO	0.24148	264.9	100.6414	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	14SP	0	G14_017	'GRAPELAND (ETEC) - SLOCUM 138KV CKT 1'	FROM->TO	0.24298	235	126.1283	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	14WP	0	G14_017	'GRAPELAND (ETEC) - SLOCUM 138KV CKT 1'	FROM->TO	0.24125	265	114.9958	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_017fgsensitivity	19SP	0	G14_017	'GRAPELAND (ETEC) - SLOCUM 138KV CKT 1'	FROM->TO	0.24433	235	117.7215	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	19WP	0	G14_017	'GRAPELAND (ETEC) - SLOCUM 138KV CKT 1'	FROM->TO	0.24148	264.9	127.8067	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	24SP	0	G14_017	'GRAPELAND (ETEC) - SLOCUM 138KV CKT 1'	FROM->TO	0.24454	235	116.1045	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
0	19WP	0	G14_018	'GRAPELAND (ETEC) - SLOCUM 138KV CKT 1'	FROM->TO	0.2472	264.9	100.1052	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
0	19WP	0	G14_018	'GRAPELAND (ETEC) - SLOCUM 138KV CKT 1'	FROM->TO	0.2472	264.9	100.1052	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14SP	0	G14_018	'GRAPELAND (ETEC) - SLOCUM 138KV CKT 1'	FROM->TO	0.24298	235	149.5991	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14WP	0	G14_018	'GRAPELAND (ETEC) - SLOCUM 138KV CKT 1'	FROM->TO	0.24125	265	135.8434	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'GRAPELAND (ETEC) - SLOCUM 138KV CKT 1'	FROM->TO	0.24433	235	141.3227	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'GRAPELAND (ETEC) - SLOCUM 138KV CKT 1'	FROM->TO	0.24148	264.9	148.6821	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'GRAPELAND (ETEC) - SLOCUM 138KV CKT 1'	FROM->TO	0.24454	235	139.726	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fgsensitivity	14SP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.2791	206	142.5513	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fgsensitivity	14WP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.2765	205.8	145.976	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fgsensitivity	19SP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.27921	205.9	144.2354	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fgsensitivity	19WP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.27758	206	138.6242	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fgsensitivity	24SP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.27947	205.9	142.8556	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017	14WP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.28426	205.9	100.8767	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017	14WP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.28426	205.9	100.8281	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	14SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.2791	206	176.4227	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	14WP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.2765	205.8	186.0134	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	19SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.27921	205.9	178.1366	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	19WP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.27758	206	178.779	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	24SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.27947	205.9	176.7884	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
0	14SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.28435	205.7	129.3025	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
0	14SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.28435	205.7	129.2539	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
0	14WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.28426	205.9	139.0191	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
0	14WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.28426	205.9	138.9705	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
0	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.28406	205.8	130.3459	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
0	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.28406	205.8	130.2973	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
0	19WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.28447	205.5	131.5866	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
0	19WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.28447	205.5	131.538	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
0	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.28409	205.8	129.1427	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
0	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.28409	205.8	128.9969	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	14SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.28435	205.7	122.5	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	14SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.28435	205.7	122.4513	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	14WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.28426	205.9	132.4918	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	14WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.28426	205.9	132.4432	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.28406	205.8	123.556	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.28406	205.8	123.5074	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	19WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.28447	205.5	125.041	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	19WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.28447	205.5	124.9924	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.28409	205.8	122.3515	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.28409	205.8	122.2057	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.2791	206	207.1779	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.28411	206	126.2687	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.2765	205.8	216.7804	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.27921	205.9	208.9188	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.27758	206	209.6361	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.28411	206	129.12	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.27947	205.9	207.5993	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fgsensitivity	14SP	0	G14_016	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.21148	518.6	100.194	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_016fgsensitivity	14WP	0	G14_016	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.20788	520.1	104.4808	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_016fgsensitivity	19SP	0	G14_016	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.20519	517.3	108.5981	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_016fgsensitivity	24SP	0	G14_016	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.20523	516.6	112.6959	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_017fgsensitivity	14SP	0	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.21148	518.6	110.3887	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_017fgsensitivity	14SP	0	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.36929	518.6	105.0234	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	14WP	0	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.20788	520.1	116.3916	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_017fgsensitivity	14WP	0	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.36583	520.1	108.3623	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	19SP	0	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.20519	517.3	118.5145	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_017fgsensitivity	19SP	0	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.36944	517.3	107.5629	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	19WP	0	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.36728	519.8	105.2244	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	19WP	0	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.20619	519.8	100.8392	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_017fgsensitivity	24SP	0	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.20523	516.6	122.6277	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_017fgsensitivity	24SP	0	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.36978	516.6	107.8368	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
0	14WP	0	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.21316	520.7	100.248	'GRIMES 345/138KV TRANSFORMER CKT 2'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_018	14SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.28435	205.9	110.6763	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	14WP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.28426	206	121.408	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	14WP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.28426	206	121.311	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.28406	206	111.3001	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.28406	206	111.203	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	19WP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.28447	205.7	114.0784	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	19WP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.28447	205.7	114.0784	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.28409	206	109.8541	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.28409	206	109.7084	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.2791	205.7	195.4723	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.28411	205.7	114.445	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14WP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.2765	205.2	205.9133	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14WP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.28386	205.2	125.5839	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.27921	205.5	196.7707	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.28379	205.5	115.2254	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.27758	205.9	198.6646	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.28411	205.9	118.1094	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.27947	205.4	195.2516	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.2838	205.4	113.5809	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	14SP	0	G14_017	'JACKSONVILLE (SWE-RC-ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	TO->FROM	0.24298	235	112.4687	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	14WP	0	G14_017	'JACKSONVILLE (SWE-RC-ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	TO->FROM	0.24125	264.9	100.2034	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	19SP	0	G14_017	'JACKSONVILLE (SWE-RC-ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	TO->FROM	0.24433	235	103.5938	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	19WP	0	G14_017	'JACKSONVILLE (SWE-RC-ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	TO->FROM	0.24148	264.9	111.7252	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	24SP	0	G14_017	'JACKSONVILLE (SWE-RC-ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	TO->FROM	0.24454	235	101.1258	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14SP	0	G14_018	'JACKSONVILLE (SWE-RC-ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	TO->FROM	0.24298	235	135.9395	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14WP	0	G14_018	'JACKSONVILLE (SWE-RC-ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	TO->FROM	0.24125	264.9	121.0589	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'JACKSONVILLE (SWE-RC-ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	TO->FROM	0.24433	235	127.195	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'JACKSONVILLE (SWE-RC-ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	TO->FROM	0.24148	264.9	132.6005	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'JACKSONVILLE (SWE-RC-ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	TO->FROM	0.24454	235	124.7473	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_015	24SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.52819	113.8	135.1116	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.52827	113.9	133.7849	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.52831	113.9	133.4442	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	19SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.52814	113.9	132.6971	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.52817	113.9	131.9148	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.52831	113.9	130.2836	'GOODLAND TAP - GOODLAND TAP 115KV CKT 1'
00G14_015	24SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.52819	113.8	129.8392	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.52831	113.9	129.669	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	24SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.52819	113.8	128.8726	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	19WP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.52817	113.9	128.7542	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.52827	113.9	128.6927	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.52817	113.9	128.2274	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	14SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.52827	113.9	127.9025	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.52831	113.9	127.8253	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	19SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.52814	113.9	127.4293	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.53028	113.8	126.6995	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	19SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.52814	113.9	126.6392	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	19WP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.52817	113.9	126.2081	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	24SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.52819	113.8	125.797	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	14SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.52827	113.9	125.1809	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	19SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.52814	113.9	123.7419	'BREWSTER - MINGO 115KV CKT 1'
04G14_015	14G	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.53028	113.8	123.0088	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.53028	113.8	122.4816	'BREWSTER - GOODLAND 115KV CKT 1'
04G14_015	14G	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.53028	113.8	120.7241	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	24SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40383	113.8	109.094	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	24SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40383	113.8	108.3032	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40401	113.9	107.3775	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	24SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40383	113.8	107.3365	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40401	113.9	106.763	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	24SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40383	113.8	106.4578	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	24SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40383	113.8	106.2821	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40379	113.9	105.9148	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40401	113.9	105.7094	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40402	113.9	105.3608	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	19SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40379	113.9	105.2125	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_015	24SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40383	113.8	105.0518	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40402	113.9	105.0097	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40401	113.9	104.9192	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	14SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40401	113.9	104.8314	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40383	113.8	104.6125	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40402	113.9	104.3073	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40379	113.9	104.1589	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40402	113.9	103.8683	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40402	113.9	103.7805	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	14SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40401	113.9	103.6901	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19WP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40377	113.9	103.6269	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	19SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40379	113.9	103.3687	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	19WP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40377	113.9	103.2757	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40401	113.9	103.2511	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	19SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40379	113.9	103.1932	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40402	113.9	103.0781	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40402	113.9	102.727	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	19WP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40377	113.9	102.6611	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40377	113.9	102.1343	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	19SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40379	113.9	102.0518	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19WP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40377	113.9	102.0465	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19SP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40379	113.9	101.6128	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	19WP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40377	113.9	101.3442	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19WP	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.40377	113.9	100.9052	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
04G14_015	14G	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.43352	113.8	100.4007	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
04G14_015	14G	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.43352	113.8	100.4007	'SPP-SEPC-10'
00G14_015	24SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.52819	80.2	188.8491	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.52831	80.3	187.6625	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.52827	80.3	187.3985	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.52814	80.3	185.6065	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.52817	80.2	185.5998	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.52831	80.3	183.0548	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.52831	80.3	182.3076	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	24SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.52819	80.2	181.3678	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.52817	80.2	181.111	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.52817	80.2	180.2382	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	24SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.52819	80.2	180.121	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.52827	80.3	180.0511	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.52831	80.3	179.5679	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.52827	80.3	179.0548	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.52814	80.3	178.259	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.53028	80.2	178.0349	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.52817	80.2	177.3703	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.52814	80.3	177.0137	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	24SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.52819	80.2	175.7569	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.52827	80.3	175.1943	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.52814	80.3	173.0286	'BREWSTER - MINGO 115KV CKT 1'
04G14_015	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.53028	80.2	172.9227	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.53028	80.2	172.1746	'BREWSTER - GOODLAND 115KV CKT 1'
04G14_015	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.53028	80.2	169.6808	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	24SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40383	80.2	152.0561	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	24SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40383	80.2	150.9339	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40401	80.3	149.9415	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	24SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40383	80.2	149.4377	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40401	80.3	148.9452	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	24SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40383	80.2	148.1908	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	24SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40383	80.2	148.0661	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40402	80.3	147.8281	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40379	80.3	147.6177	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40401	80.3	147.5753	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40402	80.3	147.2055	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40379	80.3	146.6214	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40401	80.3	146.4545	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40402	80.3	146.3338	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_015	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40401	80.3	146.33	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40383	80.2	146.1958	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40402	80.3	145.7111	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	24SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40383	80.2	145.697	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40402	80.3	145.5865	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40377	80.2	145.4252	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40379	80.3	145.127	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40377	80.2	144.8017	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40401	80.3	144.7111	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40402	80.3	144.5903	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40401	80.3	144.0884	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.43286	80.3	144.0324	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.43286	80.3	144.0324	'SPP-SEPC-10'
00G14_015	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40379	80.3	144.0062	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40402	80.3	143.9676	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40377	80.2	143.9289	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40379	80.3	143.8817	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40377	80.2	143.1808	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40377	80.2	143.0561	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40379	80.3	142.1382	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40377	80.2	142.0586	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40379	80.3	141.5156	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40377	80.2	141.4352	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.43269	80.2	140.0299	'SPP-SEPC-10'
00G14_015	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.43269	80.2	140.0299	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
4	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.53028	80.2	138.3631	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.43275	80.3	137.5156	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.43275	80.3	137.5156	'SPP-SEPC-10'
04G14_015	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40443	80.2	136.9439	'LAWN RIDGE - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40443	80.2	136.3205	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	24SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.43261	80.2	135.6397	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015	24SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.43261	80.2	135.6397	'SPP-SEPC-10'
04G14_015	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40443	80.2	135.323	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40443	80.2	134.5748	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
04G14_015	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40443	80.2	134.4501	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.43255	80.3	133.7048	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.43255	80.3	133.7048	'SPP-SEPC-10'
04G14_015	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40443	80.2	133.3279	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
4	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.53028	80.2	133.2509	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40443	80.2	132.7045	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
4	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.53028	80.2	132.5027	'BREWSTER - GOODLAND 115KV CKT 1'
4	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.53028	80.2	130.009	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	24SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.33209	80.2	125.2207	'MINGO - SETAB 345KV CKT 1'
00G14_015	24SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.31028	80.2	124.7294	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015	24SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.30082	80.2	123.8728	'FLETCHER - HOLCOMB 115KV CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.33366	80.3	123.0361	'MINGO - SETAB 345KV CKT 1'
00G14_015	24SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.32352	80.2	122.7631	'SPP-SEPC-03'
00G14_015	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.31047	80.3	122.2715	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015	24SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.32352	80.2	122.2643	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.32374	80.3	121.3225	'SPP-SEPC-03'
00G14_015	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.32374	80.3	120.8244	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.32374	80.3	120.3263	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.3105	80.3	120.2565	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.31023	80.3	119.8194	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.32375	80.3	119.0847	'SPP-SEPC-03'
00G14_015	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.32375	80.3	118.8356	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.30102	80.3	118.812	'FLETCHER - HOLCOMB 115KV CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.32375	80.3	118.5865	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.32348	80.3	118.3612	'SPP-SEPC-03'
00G14_015	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.30077	80.3	117.9714	'FLETCHER - HOLCOMB 115KV CKT 1'
00G14_015	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.32348	80.3	117.863	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.31023	80.2	117.5736	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.32348	80.3	117.3649	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.32346	80.2	116.3816	'SPP-SEPC-03'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_015	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.32346	80.2	116.0075	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.32346	80.2	115.7581	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.32346	80.2	115.2594	'NORCATUR - OBERLIN TAP 115KV CKT 1'
00G14_015	24SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.31028	80.2	113.8204	'BASE CASE'
00G14_015	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.31047	80.3	111.3836	'BASE CASE'
04G14_015	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.3111	80.2	110.7606	'G07-11 115.00 115/34.5KV TRANSFORMER CKT 1'
04G14_015	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.3111	80.2	110.7606	'G07-11 115.00 - SYRACUSE 115KV CKT 1'
00G14_015	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.3105	80.3	109.5268	'BASE CASE'
00G14_015	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.31023	80.3	108.9278	'BASE CASE'
04G14_015	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.3111	80.2	106.9003	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.31023	80.2	106.6945	'BASE CASE'
4	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40443	80.2	106.6873	'LAWN RIDGE - RULETON 115KV CKT 1'
4	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40443	80.2	106.0638	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
4	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40443	80.2	105.0663	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
4	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40443	80.2	104.3182	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
4	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40443	80.2	104.1935	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
04G14_015	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.32422	80.2	103.5736	'SPP-SEPC-03'
4	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40443	80.2	103.0713	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
4	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40443	80.2	102.4479	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_017fgsensitivity	14SP	0	G14_017	'LAKE FOREST - WOODHAVEN 138KV CKT 1'	FROM->TO	0.23196	203.9	113.1657	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	14WP	0	G14_017	'LAKE FOREST - WOODHAVEN 138KV CKT 1'	FROM->TO	0.22978	203.3	124.247	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	19SP	0	G14_017	'LAKE FOREST - WOODHAVEN 138KV CKT 1'	FROM->TO	0.23207	203	112.5603	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	19WP	0	G14_017	'LAKE FOREST - WOODHAVEN 138KV CKT 1'	FROM->TO	0.23071	204.7	114.7456	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	24SP	0	G14_017	'LAKE FOREST - WOODHAVEN 138KV CKT 1'	FROM->TO	0.23228	202.8	109.7621	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14SP	0	G14_018	'LAKE FOREST - WOODHAVEN 138KV CKT 1'	FROM->TO	0.23196	203.9	138.9896	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	14WP	0	G14_018	'LAKE FOREST - WOODHAVEN 138KV CKT 1'	FROM->TO	0.22978	203.3	150.1297	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'LAKE FOREST - WOODHAVEN 138KV CKT 1'	FROM->TO	0.23207	203	138.511	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'LAKE FOREST - WOODHAVEN 138KV CKT 1'	FROM->TO	0.23071	204.7	140.5553	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'LAKE FOREST - WOODHAVEN 138KV CKT 1'	FROM->TO	0.23228	202.8	135.7619	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
04G14_015	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.46972	79.6	193.4875	'GOODLAND TAP - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.46972	79.6	188.4623	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.46972	79.6	187.7085	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.47183	79.7	185.3814	'GOODLAND TAP - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.46972	79.6	185.196	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	14WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.47169	79.7	183.4467	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.47186	79.7	183.3852	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.47173	79.7	181.9561	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.47183	79.7	180.8645	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.47183	79.7	180.1117	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	24SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.47181	79.6	180.0791	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.47169	79.7	178.9298	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	14WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.47169	79.7	178.0515	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.47183	79.7	177.2258	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.47186	79.7	175.9824	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	14WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.47169	79.7	175.4166	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.47186	79.7	174.7277	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	14SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.47173	79.7	174.5533	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.47173	79.7	173.5496	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	24SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.47181	79.6	172.5415	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	24SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.47181	79.6	171.2852	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.47186	79.7	170.7127	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	14SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.47173	79.7	169.66	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	24SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.47181	79.6	166.8882	'BREWSTER - MINGO 115KV CKT 1'
4	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.46972	79.6	158.0814	'GOODLAND TAP - RULETON 115KV CKT 1'
4	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.46972	79.6	153.0563	'GOODLAND - GOODLAND TAP 115KV CKT 1'
4	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.46972	79.6	152.3025	'BREWSTER - GOODLAND 115KV CKT 1'
4	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.46972	79.6	149.7899	'BREWSTER - MINGO 115KV CKT 1'
04G14_015	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36723	79.6	148.5791	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015	24SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36852	79.6	148.5628	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36859	79.7	148.4028	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36854	79.7	148.133	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36723	79.6	148.0766	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015	24SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36852	79.6	147.809	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36859	79.7	147.6499	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_015	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36854	79.7	147.5056	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36723	79.6	147.4485	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36848	79.7	146.8557	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015	24SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36852	79.6	146.804	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015	14SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36859	79.7	146.7717	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015	14WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36856	79.7	146.6349	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36854	79.7	146.5019	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36848	79.7	146.3538	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015	14WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36856	79.7	146.133	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36848	79.7	145.601	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015	14WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36856	79.7	145.5056	'KANARADO - SHARON SPRINGS 115KV CKT 1'
04G14_015	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36723	79.6	145.3128	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
04G14_015	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36723	79.6	144.3078	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	14SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36859	79.7	143.6349	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	14WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36856	79.7	143.3727	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36848	79.7	143.3425	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	24SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36852	79.6	143.2864	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36854	79.7	143.2397	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015	14WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36856	79.7	142.6198	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36848	79.7	142.5897	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	14SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36859	79.7	142.5056	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	24SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36852	79.6	142.0302	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36854	79.7	141.9849	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
04G14_015	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.22337	79.6	123.6319	'COLBY - MINGO 115KV CKT 1'
4	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36723	79.6	120.8985	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
4	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36723	79.6	120.396	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.27875	79.6	120.2575	'SPP-SEPC-11'
4	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36723	79.6	119.7678	'KANARADO - SHARON SPRINGS 115KV CKT 1'
04G14_015	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25799	79.6	118.4636	'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1'
4	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36723	79.6	117.6322	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
4	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36723	79.6	116.6271	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25913	79.7	114.9799	'HOLCOMB (HOLCOMB) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25913	79.7	114.9799	'SPP-SEPC-01'
00G14_015	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.27988	79.7	114.133	'SPP-SEPC-11'
00G14_015	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25912	79.7	113.7215	'HOLCOMB (HOLCOMB) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25912	79.7	113.7215	'SPP-SEPC-01'
00G14_015	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.2585	79.7	113.4881	'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1'
00G14_015	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.27992	79.7	113.3952	'SPP-SEPC-11'
00G14_015	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25523	79.7	113.261	'COLBY - G12-026 115.00 115KV CKT 1'
00G14_015	14WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25908	79.7	113.079	'SPP-SEPC-01'
00G14_015	14WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25908	79.7	113.079	'HOLCOMB (HOLCOMB) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015	14WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.27985	79.7	112.9925	'SPP-SEPC-11'
00G14_015	24SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25912	79.6	112.9849	'HOLCOMB (HOLCOMB) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015	24SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25912	79.6	112.9849	'SPP-SEPC-01'
00G14_015	14SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.2799	79.7	112.7604	'SPP-SEPC-11'
00G14_015	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25528	79.7	112.6524	'COLBY - G12-026 115.00 115KV CKT 1'
00G14_015	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.2585	79.7	112.4843	'BUCKNER7 345.00 - HOLCOMB 345KV CKT 1'
04G14_015	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25434	79.6	112.3141	'BASE CASE'
00G14_015	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25859	79.7	112.2673	'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1'
00G14_015	14SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25916	79.7	112.1054	'SPP-SEPC-01'
00G14_015	14SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25916	79.7	112.1054	'HOLCOMB (HOLCOMB) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015	14SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25526	79.7	112.0176	'COLBY - G12-026 115.00 115KV CKT 1'
00G14_015	14WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25522	79.7	112.0025	'COLBY - G12-026 115.00 115KV CKT 1'
00G14_015	14SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25866	79.7	111.7917	'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1'
00G14_015	14WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25859	79.7	111.7654	'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1'
00G14_015	24SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.27989	79.6	111.3907	'SPP-SEPC-11'
00G14_015	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25859	79.7	111.2635	'BUCKNER7 345.00 - HOLCOMB 345KV CKT 1'
00G14_015	24SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25525	79.6	111.0239	'COLBY - G12-026 115.00 115KV CKT 1'
00G14_015	14SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25866	79.7	110.7879	'BUCKNER7 345.00 - HOLCOMB 345KV CKT 1'
00G14_015	14WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25859	79.7	110.7616	'BUCKNER7 345.00 - HOLCOMB 345KV CKT 1'
00G14_015	24SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25854	79.6	109.1231	'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1'
4	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.22337	79.6	106.795	'COLBY - MINGO 115KV CKT 1'
00G14_015	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25528	79.7	106.5044	'BASE CASE'
00G14_015	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25523	79.7	106.4856	'BASE CASE'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_015	14SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25526	79.7	105.8695	'BASE CASE'
00G14_015	14WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25522	79.7	105.2271	'BASE CASE'
00G14_015	24SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25525	79.6	104.8681	'BASE CASE'
04G14_015	14G	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.46972	119.5	127.7121	'GOODLAND TAP - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.46972	119.5	124.2812	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.46972	119.5	123.7791	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	19WP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.47183	119.5	122.5515	'GOODLAND TAP - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.46972	119.5	122.1891	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	14WP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.47169	119.5	121.2611	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	19SP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.47186	119.5	120.4669	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.47173	119.5	119.6812	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.47183	119.5	119.5389	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.47183	119.5	119.0368	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	14WP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.47169	119.5	118.2485	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	24SP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.47181	119.4	118.0427	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.47169	119.5	117.7464	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	19WP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.47183	119.5	117.1121	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	14WP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.47169	119.5	115.9891	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	19SP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.47186	119.5	115.5297	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.47173	119.5	114.7439	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.47186	119.5	114.6929	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	14SP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.47173	119.5	113.9908	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	24SP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.47181	119.4	113.1013	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	24SP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.47181	119.4	112.2638	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	19SP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.47186	119.5	112.0151	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	14SP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.47173	119.5	111.4803	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	24SP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.47181	119.4	109.2487	'BREWSTER - MINGO 115KV CKT 1'
4	14G	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.46972	119.5	104.1279	'GOODLAND TAP - RULETON 115KV CKT 1'
4	14G	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.46972	119.5	100.6969	'GOODLAND - GOODLAND TAP 115KV CKT 1'
4	14G	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.46972	119.5	100.1948	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_016fgsensitivity	14SP	0	G14_016	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.70375	981.9	101.9708	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_016fgsensitivity	19SP	0	G14_016	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.70889	982.9	108.1003	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_016fgsensitivity	19WP	0	G14_016	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.70033	982.5	110.2774	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_016fgsensitivity	24SP	0	G14_016	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.70745	983.5	116.298	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_017fgsensitivity	14SP	0	G14_017	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.70375	981.9	119.8889	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_017fgsensitivity	14WP	0	G14_017	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.6972	981.8	118.326	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_017fgsensitivity	19SP	0	G14_017	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.70889	982.9	126.1309	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_017fgsensitivity	19WP	0	G14_017	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.70033	982.5	131.519	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_017fgsensitivity	24SP	0	G14_017	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.70745	983.5	134.281	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_017sensitivity	24SP	2	G14_017	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.37237	983.5	103.4083	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_018fgsensitivity	14SP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.70375	981.9	136.1584	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_018fgsensitivity	14WP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.6972	981.8	134.5878	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_018fgsensitivity	19SP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.70889	982.9	142.5027	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_018fgsensitivity	19WP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.70033	982.5	147.8422	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_018fgsensitivity	24SP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.70745	983.5	150.6095	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_018sensitivity	14SP	2	G14_018	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.37035	981.8	100.3388	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_018sensitivity	19SP	2	G14_018	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.37378	983	103.758	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_018sensitivity	19WP	2	G14_018	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.36733	982.3	107.4622	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_018sensitivity	24SP	2	G14_018	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.37237	983.5	112.0029	'LEBROCK - PIRKEY 345KV CKT 2'
00sensitivity	14SP	2	G14_018	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.37035	981.8	102.1201	'LEBROCK - PIRKEY 345KV CKT 2'
00sensitivity	19SP	2	G14_018	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.37378	983	105.5561	'LEBROCK - PIRKEY 345KV CKT 2'
00sensitivity	19WP	2	G14_018	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.36733	982.3	109.1183	'LEBROCK - PIRKEY 345KV CKT 2'
00sensitivity	24SP	2	G14_018	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.37237	983.5	113.7858	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_016fgsensitivity	14SP	0	G14_016	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.70643	979.1	102.6514	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_016fgsensitivity	19SP	0	G14_016	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.71161	980.7	108.7525	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_016fgsensitivity	19WP	0	G14_016	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.70301	980.1	110.9672	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_016fgsensitivity	24SP	0	G14_016	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.71016	981.7	116.961	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_017fgsensitivity	14SP	0	G14_017	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.70643	979.1	120.6891	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_017fgsensitivity	14WP	0	G14_017	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.69986	978.9	119.1262	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_017fgsensitivity	19SP	0	G14_017	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.71161	980.7	126.8928	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_017fgsensitivity	19WP	0	G14_017	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.70301	980.1	132.3422	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_017fgsensitivity	24SP	0	G14_017	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.71016	981.7	135.046	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_017fgsensitivity	24SP	0	G14_017	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.54258	981.7	102.7514	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'
00G14_017sensitivity	19WP	2	G14_017	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.37135	979.6	100.2554	'LEBROCK - PIRKEY 345KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_017sensitivity	24SP	2	G14_017	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.37645	981.6	104.744	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_018fsgsensitivity	14SP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.70643	979.1	137.0674	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_018fsgsensitivity	14SP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.54346	979.1	104.0441	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'
00G14_018fsgsensitivity	14WP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.69986	978.9	135.4984	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_018fsgsensitivity	14WP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.53767	978.9	105.4529	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'
00G14_018fsgsensitivity	19SP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.71161	980.7	143.3643	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_018fsgsensitivity	19SP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.54337	980.7	109.1804	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'
00G14_018fsgsensitivity	19WP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.70301	980.1	148.768	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_018fsgsensitivity	19WP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.53871	980.1	108.9649	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'
00G14_018fsgsensitivity	24SP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.71016	981.7	151.4671	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_018fsgsensitivity	24SP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.54258	981.7	115.2976	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'
00G14_018fsgsensitivity	24SP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.50586	981.7	104.5355	'CROCKETT - GRIMES 345KV CKT 1'
00G14_018sensitivity	14SP	2	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.3744	978.9	101.7344	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_018sensitivity	19SP	2	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.37788	980.9	105.1205	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_018sensitivity	19WP	2	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.37135	979.6	108.9364	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_018sensitivity	24SP	2	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.37645	981.6	113.4496	'LEBROCK - PIRKEY 345KV CKT 1'
00sensitivity	14SP	2	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.3744	978.9	103.541	'LEBROCK - PIRKEY 345KV CKT 1'
00sensitivity	14WP	2	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.36945	979	101.2611	'LEBROCK - PIRKEY 345KV CKT 1'
00sensitivity	19SP	2	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.37788	980.9	106.9414	'LEBROCK - PIRKEY 345KV CKT 1'
00sensitivity	19WP	2	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.37135	979.6	110.616	'LEBROCK - PIRKEY 345KV CKT 1'
00sensitivity	24SP	2	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.37645	981.6	115.2554	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_018fsgsensitivity	14SP	0	G14_018	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'	TO->FROM	0.98155	1193.9	110.2614	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'
00G14_018fsgsensitivity	14WP	0	G14_018	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'	TO->FROM	0.97921	1194	113.9632	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'
00G14_018fsgsensitivity	19SP	0	G14_018	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'	TO->FROM	0.98321	1193.9	110.3342	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'
00G14_018fsgsensitivity	19WP	0	G14_018	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'	TO->FROM	0.97605	1194.1	114.1943	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'
00G14_018fsgsensitivity	24SP	0	G14_018	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'	TO->FROM	0.98409	1193.3	110.408	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'
00G14_016fsgsensitivity	14SP	0	G14_016	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.2791	206	139.2504	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fsgsensitivity	14WP	0	G14_016	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.2765	205.8	142.4288	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fsgsensitivity	19SP	0	G14_016	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.27921	205.9	140.4957	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fsgsensitivity	19WP	0	G14_016	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.27758	206	135.1776	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fsgsensitivity	24SP	0	G14_016	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.27947	205.9	138.3389	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fsgsensitivity	14SP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.2791	206	173.1217	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fsgsensitivity	14WP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.2765	205.8	182.4662	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fsgsensitivity	19SP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.27921	205.9	174.3969	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fsgsensitivity	19WP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.27758	206	175.3323	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fsgsensitivity	24SP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.27947	205.9	172.2716	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
0	14SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.28435	205.7	125.9967	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
0	14SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.28435	205.7	125.9481	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
0	14WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.28426	205.9	135.4251	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
0	14WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.28426	205.9	135.3766	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
0	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.28406	205.8	126.6044	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
0	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.28406	205.8	126.5072	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
0	19WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.28447	205.5	128.1316	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
0	19WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.28447	205.5	128.083	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
0	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.28409	205.9	124.5632	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
0	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.28409	205.9	124.4661	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	14SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.28435	205.7	119.1942	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	14SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.28435	205.7	119.1455	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	14WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.28426	205.9	128.8978	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	14WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.28426	205.9	128.8492	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.28406	205.8	119.8145	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.28406	205.8	119.7173	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	19WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.28447	205.5	121.586	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	19WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.28447	205.5	121.5374	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.28409	205.9	117.7753	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.28409	205.9	117.6782	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fsgsensitivity	14SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.2791	206	203.8769	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fsgsensitivity	14SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.28411	206	122.9677	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fsgsensitivity	14WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.2765	205.8	213.2332	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fsgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.27921	205.9	205.1791	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fsgsensitivity	19WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.27758	206	206.1896	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fsgsensitivity	19WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.28411	206	125.7219	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fsgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.27947	205.9	203.0825	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fsgsensitivity	24SP	0	G14_018	'LYDIA - WELSH 345KV CKT 1'	TO->FROM	0.33404	1057.2	100.9236	'SPP-AEPW-04'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_015	19WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.40377	79.7	145.5847	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	19WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.43269	79.7	144.1744	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015	19WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.43269	79.7	144.1744	'SPP-SEPC-10'
00G14_015	14SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.43275	79.7	142.6913	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015	14SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.43275	79.7	142.6913	'SPP-SEPC-10'
4	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.53028	79.6	142.4211	'GOODLAND TAP - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.40443	79.6	140.9912	'LAWN RIDGE - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.40443	79.6	140.2375	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.40443	79.6	139.2324	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.43255	79.7	139.2284	'SPP-SEPC-10'
00G14_015	19SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.43255	79.7	139.2284	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
04G14_015	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.40443	79.6	138.4787	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
04G14_015	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.40443	79.6	138.353	'BIRD CITY - MCDONL3 115.00 115KV CKT 1'
04G14_015	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.40443	79.6	137.2224	'BVERVLLY 115.00 - MCDONL3 115.00 115KV CKT 1'
4	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.53028	79.6	137.1447	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.40443	79.6	136.5942	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
4	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.53028	79.6	136.391	'BREWSTER - GOODLAND 115KV CKT 1'
4	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.53028	79.6	133.8784	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	24SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.33209	79.6	130.9384	'MINGO - SETAB 345KV CKT 1'
00G14_015	24SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.31028	79.6	130.5691	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015	24SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.30082	79.6	129.706	'FLETCHER - HOLCOMB 115KV CKT 1'
00G14_015	24SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.32352	79.6	128.588	'SPP-SEPC-03'
00G14_015	24SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.32352	79.6	128.0854	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.31047	79.7	127.3325	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015	14WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.33366	79.7	126.8482	'MINGO - SETAB 345KV CKT 1'
00G14_015	14SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.32374	79.7	126.3764	'SPP-SEPC-03'
00G14_015	14SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.32374	79.7	125.8745	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.32374	79.7	125.4981	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.31023	79.7	125.2384	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015	14WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.3105	79.7	124.1731	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015	14SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.30102	79.7	123.9724	'FLETCHER - HOLCOMB 115KV CKT 1'
00G14_015	19SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.32348	79.7	123.7691	'SPP-SEPC-03'
00G14_015	19SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.30077	79.7	123.3764	'FLETCHER - HOLCOMB 115KV CKT 1'
00G14_015	19SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.32348	79.7	123.2673	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.32375	79.7	122.9925	'SPP-SEPC-03'
00G14_015	19SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.32348	79.7	122.7654	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015	14WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.32375	79.7	122.6161	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.32375	79.7	122.3651	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.31023	79.7	121.4479	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015	19WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.32346	79.7	120.2484	'SPP-SEPC-03'
00G14_015	19WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.32346	79.7	119.9975	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.32346	79.7	119.6211	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015	24SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.31028	79.6	119.5779	'BASE CASE'
00G14_015	19WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.32346	79.7	119.2447	'NORCATUR - OBERLIN TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.31047	79.7	116.4881	'BASE CASE'
04G14_015	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.3111	79.6	114.4849	'G07-11 115.00 115/34.5KV TRANSFORMER CKT 1'
04G14_015	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.3111	79.6	114.4849	'G07-11 115.00 - SYRACUSE 115KV CKT 1'
00G14_015	19SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.31023	79.7	114.2647	'BASE CASE'
00G14_015	14WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.3105	79.7	113.3626	'BASE CASE'
04G14_015	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.3111	79.6	110.5955	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
4	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.40443	79.6	110.5065	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.31023	79.7	110.5006	'BASE CASE'
4	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.40443	79.6	109.7528	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
4	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.40443	79.6	108.7477	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
4	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.40443	79.6	107.994	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
4	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.40443	79.6	107.8683	'BIRD CITY - MCDONL3 115.00 115KV CKT 1'
04G14_015	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.32422	79.6	107.2437	'SPP-SEPC-03'
4	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.40443	79.6	106.7377	'BVERVLLY 115.00 - MCDONL3 115.00 115KV CKT 1'
4	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.40443	79.6	106.1096	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.52831	80.3	181.8094	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.52819	80.2	179.3728	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.52817	80.2	179.3653	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.52827	80.3	178.9303	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.52831	80.3	177.2017	'GOODLAND - GOODLAND TAP 115KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_015	19SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.52814	80.3	176.6401	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.52831	80.3	176.4545	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.52817	80.2	174.8766	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.52817	80.2	174.0038	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.52831	80.3	173.8394	'BREWSTER - MINGO 115KV CKT 1'
04G14_015	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.53028	80.2	172.0499	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.52819	80.2	171.8915	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.52827	80.3	171.5828	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.52817	80.2	171.1359	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.52819	80.2	170.52	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.52827	80.3	170.462	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.52814	80.3	169.1681	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.52814	80.3	168.0473	'BREWSTER - GOODLAND 115KV CKT 1'
04G14_015	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.53028	80.2	166.813	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.52827	80.3	166.6015	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.52819	80.2	166.1559	'BREWSTER - MINGO 115KV CKT 1'
04G14_015	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.53028	80.2	166.0648	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.52814	80.3	163.9377	'BREWSTER - MINGO 115KV CKT 1'
04G14_015	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.53028	80.2	163.5711	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40383	80.2	142.4551	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40402	80.3	141.9751	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40402	80.3	141.3524	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40401	80.3	141.3487	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40383	80.2	141.3329	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40402	80.3	140.4807	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40401	80.3	140.477	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40383	80.2	139.9613	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40402	80.3	139.858	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40402	80.3	139.7335	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40377	80.2	139.1908	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40401	80.3	138.9826	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40402	80.3	138.7372	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40383	80.2	138.7145	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40377	80.2	138.5673	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40379	80.3	138.5268	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40383	80.2	138.4651	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.43286	80.3	138.1793	'SPP-SEPC-10'
00G14_015	14WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.43286	80.3	138.1793	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40402	80.3	138.1146	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40401	80.3	137.8618	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40401	80.3	137.7372	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40377	80.2	137.6945	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40379	80.3	137.5305	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40377	80.2	137.0711	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40377	80.2	136.9464	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40383	80.2	136.7195	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40379	80.3	136.1606	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40401	80.3	136.1183	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40383	80.2	136.096	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40377	80.2	135.9489	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40401	80.3	135.6202	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40377	80.2	135.3254	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40379	80.3	135.0399	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40379	80.3	134.7908	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.43269	80.2	133.7992	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.43269	80.2	133.7992	'SPP-SEPC-10'
00G14_015	19SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40379	80.3	133.1719	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40379	80.3	132.5492	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
4	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.53028	80.2	132.3781	'GOODLAND TAP - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40443	80.2	130.9589	'LAWN RIDGE - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40443	80.2	130.2107	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40443	80.2	129.2132	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.43275	80.3	128.9228	'SPP-SEPC-10'
00G14_015	14SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.43275	80.3	128.9228	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
04G14_015	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40443	80.2	128.4651	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
04G14_015	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40443	80.2	128.3404	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
04G14_015	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40443	80.2	127.2182	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
4	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.53028	80.2	127.1411	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40443	80.2	126.5948	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
4	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.53028	80.2	126.393	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.43261	80.2	126.0387	'SPP-SEPC-10'
00G14_015	24SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.43261	80.2	126.0387	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.43255	80.3	124.7385	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.43255	80.3	124.7385	'SPP-SEPC-10'
4	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.53028	80.2	123.8992	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.33366	80.3	117.1831	'MINGO - SETAB 345KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.33209	80.2	115.6197	'MINGO - SETAB 345KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.31028	80.2	115.1284	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.3105	80.3	114.4035	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.30082	80.2	114.2718	'FLETCHER - HOLCOMB 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.31047	80.3	113.6787	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.32375	80.3	113.2316	'SPP-SEPC-03'
00G14_015	24SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.32352	80.2	113.1621	'SPP-SEPC-03'
00G14_015	14WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.32375	80.3	112.9826	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.32375	80.3	112.7335	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.32374	80.3	112.7298	'SPP-SEPC-03'
00G14_015	24SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.32352	80.2	112.6634	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.32374	80.3	112.2316	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.33367	80.3	112.2055	'MINGO - SETAB 345KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.32374	80.3	111.858	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.31023	80.2	111.3392	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.31023	80.3	110.7285	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.32346	80.2	110.1471	'SPP-SEPC-03'
00G14_015	19WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.32346	80.2	109.7731	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.32346	80.2	109.5237	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.32348	80.3	109.2702	'SPP-SEPC-03'
00G14_015	19WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.32346	80.2	109.1496	'NORCATUR - OBERLIN TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.30077	80.3	109.005	'FLETCHER - HOLCOMB 115KV CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.32348	80.3	108.7721	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.32348	80.3	108.274	'JOHNSON - OBERLIN TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.3111	80.2	104.6509	'G07-11 115.00 115/34.5KV TRANSFORMER CKT 1'
04G14_015	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.3111	80.2	104.6509	'G07-11 115.00 - SYRACUSE 115KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.31028	80.2	104.2195	'BASE CASE'
00G14_015	14WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.3105	80.3	103.6737	'BASE CASE'
00G14_015	14SP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.31047	80.3	102.9153	'BASE CASE'
04G14_015	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.3111	80.2	100.7905	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
4	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40443	80.2	100.7022	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.31023	80.2	100.4601	'BASE CASE'
00G14_015	14WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.52831	80.3	179.6924	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.52817	80.2	177.2456	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.52819	80.2	175.8816	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.52827	80.3	175.6924	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.52831	80.3	175.2092	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.52831	80.3	174.462	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.52814	80.3	173.2777	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.52817	80.2	172.7569	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.52817	80.2	172.0087	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.52831	80.3	171.7223	'BREWSTER - MINGO 115KV CKT 1'
04G14_015	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.53028	80.2	169.4314	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.52817	80.2	169.1409	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.52819	80.2	168.4003	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.52827	80.3	168.345	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.52827	80.3	167.2242	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.52819	80.2	167.1534	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.52814	80.3	165.8057	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.52814	80.3	164.6849	'BREWSTER - GOODLAND 115KV CKT 1'
04G14_015	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.53028	80.2	164.3192	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.53028	80.2	163.5711	'BREWSTER - GOODLAND 115KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_015	14SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.52827	80.3	163.4882	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.52819	80.2	162.6646	'BREWSTER - MINGO 115KV CKT 1'
04G14_015	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.53028	80.2	161.0773	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.52814	80.3	160.5753	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40402	80.3	139.9826	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40402	80.3	139.3599	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40383	80.2	138.9638	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40402	80.3	138.4882	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40401	80.3	138.1108	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40383	80.2	137.9663	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40402	80.3	137.741	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40402	80.3	137.6164	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40401	80.3	137.2391	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40377	80.2	137.1958	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40402	80.3	136.7447	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40377	80.2	136.5723	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40383	80.2	136.4701	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.43286	80.3	136.1868	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.43286	80.3	136.1868	'SPP-SEPC-10'
00G14_015	14WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40402	80.3	136.122	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40401	80.3	135.7447	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40377	80.2	135.6995	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40379	80.3	135.2889	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40383	80.2	135.2232	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40383	80.2	134.9738	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40377	80.2	134.9514	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40377	80.2	134.8267	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40401	80.3	134.7484	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40401	80.3	134.4994	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40379	80.3	134.2926	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40377	80.2	133.8292	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40383	80.2	133.2282	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40377	80.2	133.2057	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40401	80.3	133.005	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40379	80.3	132.7982	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40383	80.2	132.6047	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40401	80.3	132.3823	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.43269	80.2	131.8042	'SPP-SEPC-10'
00G14_015	19WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.43269	80.2	131.8042	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40379	80.3	131.6774	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40379	80.3	131.4284	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40379	80.3	129.8095	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
4	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.53028	80.2	129.7596	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40379	80.3	129.1868	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
04G14_015	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40443	80.2	128.4651	'LAWN RIDGE - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40443	80.2	127.717	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40443	80.2	126.7195	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40443	80.2	125.9713	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
04G14_015	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40443	80.2	125.8466	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.43275	80.3	125.8095	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.43275	80.3	125.8095	'SPP-SEPC-10'
04G14_015	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40443	80.2	124.7244	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
4	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.53028	80.2	124.6474	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40443	80.2	124.101	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
4	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.53028	80.2	123.8992	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.43261	80.2	122.6721	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.43261	80.2	122.6721	'SPP-SEPC-10'
4	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.53028	80.2	121.4055	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.43255	80.3	121.3761	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.43255	80.3	121.3761	'SPP-SEPC-10'
00G14_015	14WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.33366	80.3	115.1905	'MINGO - SETAB 345KV CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.3105	80.3	112.4109	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.33209	80.2	112.1284	'MINGO - SETAB 345KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.31028	80.2	111.6372	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_015	14WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.32375	80.3	111.2391	'SPP-SEPC-03'
00G14_015	14WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.32375	80.3	110.99	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.30082	80.2	110.7805	'FLETCHER - HOLCOMB 115KV CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.32375	80.3	110.741	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.31047	80.3	110.4408	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.32352	80.2	109.6708	'SPP-SEPC-03'
00G14_015	14SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.32374	80.3	109.4919	'SPP-SEPC-03'
00G14_015	19WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.31023	80.2	109.2195	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015	24SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.32352	80.2	109.1721	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.32374	80.3	108.9938	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.33367	80.3	108.9676	'MINGO - SETAB 345KV CKT 1'
00G14_015	14SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.32374	80.3	108.6202	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.32346	80.2	108.0274	'SPP-SEPC-03'
00G14_015	19WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.32346	80.2	107.7781	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.32346	80.2	107.5287	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.31023	80.3	107.3661	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015	19WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.32346	80.2	107.0299	'NORCATUR - OBERLIN TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.32348	80.3	105.9078	'SPP-SEPC-03'
00G14_015	19SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.30077	80.3	105.6426	'FLETCHER - HOLCOMB 115KV CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.32348	80.3	105.4097	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015	19SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.32348	80.3	105.0361	'JOHNSON - OBERLIN TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.3111	80.2	102.1571	'G07-11 115.00 115/34.5KV TRANSFORMER CKT 1'
04G14_015	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.3111	80.2	102.1571	'G07-11 115.00 - SYRACUSE 115KV CKT 1'
00G14_015	14WP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.3105	80.3	101.6812	'BASE CASE'
00G14_015	24SP	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.31028	80.2	100.8529	'BASE CASE'
04G14_015	14G	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.46972	119.5	125.7874	'GOODLAND TAP - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.46972	119.5	122.4402	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04G14_015	14G	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.46972	119.5	121.9381	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	19WP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.47183	119.5	120.9615	'GOODLAND TAP - RULETON 115KV CKT 1'
04G14_015	14G	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.46972	119.5	120.2644	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	14WP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.47169	119.5	119.5874	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.47183	119.5	117.949	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.47186	119.5	117.7891	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	19WP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.47183	119.5	117.3632	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	14SP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.47173	119.5	117.0033	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.47169	119.5	116.5749	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	14WP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.47169	119.5	116.0728	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	19WP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.47183	119.5	115.4385	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	24SP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.47181	119.4	115.3626	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015	14WP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.47169	119.5	114.3155	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	19SP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.47186	119.5	112.8519	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	14SP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.47173	119.5	112.0661	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	19SP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.47186	119.5	112.0151	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	14SP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.47173	119.5	111.313	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	24SP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.47181	119.4	110.4213	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015	24SP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.47181	119.4	109.5	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015	19SP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.47186	119.5	109.3372	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	14SP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.47173	119.5	108.8025	'BREWSTER - MINGO 115KV CKT 1'
00G14_015	24SP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.47181	119.4	106.5687	'BREWSTER - MINGO 115KV CKT 1'
4	14G	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.46972	119.5	102.2032	'GOODLAND TAP - RULETON 115KV CKT 1'

H: FCITC Analysis Constraints Requiring Reinforcement (NRIS)

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_014NR	14SP		0 G14_014	'ADA INDUSTRIAL - PARKLN 2 69KV CKT 1'	TO->FROM	0.03257	96	112.5891	'AHLOSO TAP - PARKLN 2 69KV CKT 1'
00G14_014NR	19SP		0 G14_014	'ADA INDUSTRIAL - PARKLN 2 69KV CKT 1'	TO->FROM	0.03251	96	120.288	'AHLOSO TAP - PARKLN 2 69KV CKT 1'
00G14_014NR	24SP		0 G14_014	'ADA INDUSTRIAL - PARKLN 2 69KV CKT 1'	TO->FROM	0.03219	96	126.488	'AHLOSO TAP - PARKLN 2 69KV CKT 1'
00G14_014NR	19SP		0 G14_014	'ADA INDUSTRIAL - VALLY VIEW 69KV CKT 1'	FROM->TO	0.03251	111	103.7626	'AHLOSO TAP - PARKLN 2 69KV CKT 1'
00G14_014NR	24SP		0 G14_014	'ADA INDUSTRIAL - VALLY VIEW 69KV CKT 1'	FROM->TO	0.03219	111	109.0347	'AHLOSO TAP - PARKLN 2 69KV CKT 1'
00G14_014NR	14SP		0 G14_014	'ADA OC PUMP - ADA OC PUMP TAP 69KV CKT 1'	FROM->TO	0.03181	56	104.9491	'AHLOSO TAP - HARDNTP2 69.000 69KV CKT 1'
00G14_014NR	19SP		0 G14_014	'ADA OC PUMP - ADA OC PUMP TAP 69KV CKT 1'	FROM->TO	0.03175	56	103.3259	'AHLOSO TAP - HARDNTP2 69.000 69KV CKT 1'
00G14_014NR	24SP		0 G14_014	'ADA OC PUMP - ADA OC PUMP TAP 69KV CKT 1'	FROM->TO	0.03144	56	105.9214	'AHLOSO TAP - HARDNTP2 69.000 69KV CKT 1'
00G14_014NR	14SP		0 G14_014	'AHLOSO TAP - PARKLN 2 69KV CKT 1'	TO->FROM	0.03421	96	117.5328	'ADA INDUSTRIAL - PARKLN 2 69KV CKT 1'
00G14_014NR	14SP		0 G14_014	'AHLOSO TAP - PARKLN 2 69KV CKT 1'	TO->FROM	0.03421	96	117.2203	'ADA INDUSTRIAL - VALLY VIEW 69KV CKT 1'
00G14_014NR	19SP		0 G14_014	'AHLOSO TAP - PARKLN 2 69KV CKT 1'	TO->FROM	0.03414	96	126.1677	'ADA INDUSTRIAL - PARKLN 2 69KV CKT 1'
00G14_014NR	19SP		0 G14_014	'AHLOSO TAP - PARKLN 2 69KV CKT 1'	TO->FROM	0.03414	96	125.8552	'ADA INDUSTRIAL - VALLY VIEW 69KV CKT 1'
00G14_014NR	19SP		0 G14_014	'AHLOSO TAP - PARKLN 2 69KV CKT 1'	TO->FROM	0.03414	96	107.4177	'ADA OC PUMP - VALLY VIEW 69KV CKT 1'
00G14_014NR	19WP		0 G14_014	'AHLOSO TAP - PARKLN 2 69KV CKT 1'	TO->FROM	0.03513	96	102.9891	'ADA INDUSTRIAL - PARKLN 2 69KV CKT 1'
00G14_014NR	19WP		0 G14_014	'AHLOSO TAP - PARKLN 2 69KV CKT 1'	TO->FROM	0.03513	96	102.7807	'ADA INDUSTRIAL - VALLY VIEW 69KV CKT 1'
00G14_014NR	24SP		0 G14_014	'AHLOSO TAP - PARKLN 2 69KV CKT 1'	TO->FROM	0.03381	96	132.6786	'ADA INDUSTRIAL - PARKLN 2 69KV CKT 1'
00G14_014NR	24SP		0 G14_014	'AHLOSO TAP - PARKLN 2 69KV CKT 1'	TO->FROM	0.03381	96	132.3661	'ADA INDUSTRIAL - VALLY VIEW 69KV CKT 1'
00G14_014NR	24SP		0 G14_014	'AHLOSO TAP - PARKLN 2 69KV CKT 1'	TO->FROM	0.03381	96	112.262	'ADA OC PUMP - VALLY VIEW 69KV CKT 1'
00G14_014NR	24SP		0 G14_014	'PARK LANE (PARKLN1) 138/69/13.2KV TRANSFORMER CKT 1'	FROM->TO	0.05089	134	103.9802	'PARK LANE (PARKLN2) 138/69/13.2KV TRANSFORMER CKT 1'
00G14_014NR	24SP		0 G14_014	'PARK LANE (PARKLN1) 138/69/13.2KV TRANSFORMER CKT 1'	FROM->TO	0.05089	134	103.831	'PARK LANE (PARKLN2) 138/69/13.2KV TRANSFORMER CKT 1'
00G14_014NR	24SP		0 G14_014	'PARK LANE (PARKLN2) 138/69/13.2KV TRANSFORMER CKT 1'	FROM->TO	0.05002	134	102.0918	'PARK LANE (PARKLN1) 138/69/13.2KV TRANSFORMER CKT 1'
00G14_014NR	24SP		0 G14_014	'PARK LANE (PARKLN2) 138/69/13.2KV TRANSFORMER CKT 1'	FROM->TO	0.05002	134	102.0172	'PARK LANE (PARKLN1) 138/69/13.2KV TRANSFORMER CKT 1'
04G14_015NR	14G		0 G14_015	'BEARCRK2 - JOHNSON 115KV CKT 1'	FROM->TO	0.10765	76.7	123.7223	'SYRACUSE - WILLIAMSON 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BEARCRK2 - JOHNSON 115KV CKT 1'	FROM->TO	0.10765	76.7	122.1578	'FLETCHER - WILLIAMSON 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BEARCRK2 - JOHNSON 115KV CKT 1'	FROM->TO	0.05746	76.7	109.5672	'SPP-SEPC-05'
04G14_015NR	14G		0 G14_015	'BEARCRK2 - SYRACUSE 115KV CKT 1'	TO->FROM	0.05746	77.9	118.0205	'SPP-SEPC-05'
04G14_015NR	14G		0 G14_015	'BEARCRK2 - SYRACUSE 115KV CKT 1'	TO->FROM	0.10765	77.9	131.9576	'SYRACUSE - WILLIAMSON 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BEARCRK2 - SYRACUSE 115KV CKT 1'	TO->FROM	0.10765	77.9	130.4172	'FLETCHER - WILLIAMSON 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BEARCRK2 - SYRACUSE 115KV CKT 1'	TO->FROM	0.06734	77.9	101.7997	'HOLCOMB - SETAB 345KV CKT 1'
04G14_015NR	14G		0 G14_015	'BEARCRK2 - SYRACUSE 115KV CKT 1'	TO->FROM	0.08625	77.9	100.4814	'SPP-SEPC-11'
00G14_015NR	19WP		0 G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.45777	119.5	115.0887	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.45694	119.5	113.4577	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.45777	119.5	112.0761	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.45777	119.5	111.4904	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.45694	119.5	110.4452	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.46027	119.5	110.4443	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.46065	119.5	110.3724	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.45694	119.5	109.9431	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.45777	119.5	109.6494	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.45694	119.5	108.1858	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.46009	119.4	107.8116	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.46027	119.5	105.5071	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.46065	119.5	105.4351	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.46065	119.5	104.7657	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.46027	119.5	104.754	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.46009	119.4	102.7864	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.46065	119.5	102.1715	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.46027	119.5	101.9925	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.46009	119.4	101.9489	'BREWSTER - GOODLAND 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.45781	119.5	115.8519	'GOODLAND TAP - RULETON 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.45781	119.5	112.4209	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.45781	119.5	111.9188	'BREWSTER - GOODLAND 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.45781	119.5	110.2452	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.45777	119.5	115.3397	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.45694	119.5	113.7088	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.45777	119.5	112.3272	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.45777	119.5	111.7414	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.46027	119.5	110.8628	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.46065	119.5	110.7071	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.45694	119.5	110.6962	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.45694	119.5	110.1941	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.45777	119.5	109.8167	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.45694	119.5	108.3531	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.46009	119.4	108.2303	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.46027	119.5	105.9255	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.46065	119.5	105.8536	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.46027	119.5	105.1724	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.46065	119.5	105.1004	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.46009	119.4	103.2052	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.46065	119.5	102.59	'BREWSTER - MINGO 115KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_015NR	19SP	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.46027	119.5	102.4109	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.46009	119.4	102.3677	'BREWSTER - GOODLAND 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.45781	119.5	116.1029	'GOODLAND TAP - RULETON 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.45781	119.5	112.672	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.45781	119.5	112.1699	'BREWSTER - GOODLAND 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.45781	119.5	110.4962	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63377	119.5	146.7205	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63354	119.5	146.4954	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63377	119.5	146.1347	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63354	119.5	145.9096	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63377	119.5	145.4653	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63354	119.5	145.1565	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63377	119.5	142.9548	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63354	119.5	142.4787	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63377	119.5	142.118	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63354	119.5	141.6418	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.6326	119.5	140.7364	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63269	119.4	140.7094	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63269	119.5	140.3406	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.6326	119.5	139.9833	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63269	119.4	139.8719	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63269	119.5	139.4201	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58039	119.5	139.1774	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.6326	119.5	138.9791	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63269	119.4	138.7831	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58039	119.5	138.5079	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63269	119.5	138.2485	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58039	119.5	137.4201	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.57957	119.5	137.2142	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58039	119.5	136.6669	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.57957	119.5	136.5448	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58039	119.5	136.4996	'BIRD CITY - MCDONL3 115.00 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.57957	119.5	135.5406	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.6326	119.5	135.3808	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58039	119.5	135.328	'BVERVLLY 115.00 - MCDONL3 115.00 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63269	119.4	134.9305	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.57957	119.5	134.7038	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58039	119.5	134.6586	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.57957	119.5	134.6201	'BIRD CITY - MCDONL3 115.00 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63269	119.5	134.1481	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.6326	119.5	133.9582	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63269	119.4	133.5067	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.57957	119.5	133.4485	'BVERVLLY 115.00 - MCDONL3 115.00 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.57957	119.5	132.7791	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63269	119.5	132.7255	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58272	119.4	131.1692	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58311	119.5	130.7389	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58272	119.4	130.0804	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58311	119.5	129.651	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58272	119.4	128.3216	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58311	119.5	127.9774	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58249	119.5	127.7381	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58272	119.4	126.9816	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58272	119.4	126.7303	'BIRD CITY - MCDONL3 115.00 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58311	119.5	126.7222	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58249	119.5	126.4828	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58311	119.5	126.4711	'BIRD CITY - MCDONL3 115.00 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58272	119.4	124.8878	'BVERVLLY 115.00 - MCDONL3 115.00 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58249	119.5	124.8092	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58311	119.5	124.7138	'BVERVLLY 115.00 - MCDONL3 115.00 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58272	119.4	124.134	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58311	119.5	123.9607	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58249	119.5	123.3866	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58249	119.5	123.1356	'BIRD CITY - MCDONL3 115.00 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58249	119.5	121.0435	'BVERVLLY 115.00 - MCDONL3 115.00 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58249	119.5	120.3741	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.46393	119.5	104.2502	'SPP-SEPC-11'
00G14_015NR	14WP	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.4635	119.5	102.887	'SPP-SEPC-11'
04G14_015NR	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63462	119.5	147.5197	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63462	119.5	147.0176	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
04G14_015NR	14G		0 G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63462	119.5	146.3481	'KANARADO - SHARON SPRINGS 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58224	119.5	141.9012	'LAWN RIDGE - RULETON 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58224	119.5	141.1481	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63462	119.5	143.8377	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58224	119.5	139.9766	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63462	119.5	142.8335	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58224	119.5	139.0561	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58224	119.5	138.8887	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58224	119.5	137.6335	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.58224	119.5	136.964	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.45193	119.5	110.8611	'COLBY - MINGO 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.46632	119.5	108.1975	'SPP-SEPC-11'
00G14_015NR	14WP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63377	119.5	143.1222	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63354	119.5	142.646	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63377	119.5	142.6201	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63354	119.5	142.0602	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63377	119.5	141.8669	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63354	119.5	141.3071	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63377	119.5	139.4402	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63354	119.5	138.713	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63377	119.5	138.5197	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63354	119.5	137.7925	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.6326	119.4	135.8291	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58039	119.5	135.328	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63269	119.4	135.1817	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.6326	119.4	135.0754	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58039	119.5	134.6586	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63269	119.4	134.428	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63269	119.5	134.3992	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.6326	119.4	133.9866	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.57957	119.5	133.6996	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58039	119.5	133.6544	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63269	119.5	133.4787	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63269	119.4	133.3392	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.57957	119.5	133.0301	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58039	119.5	132.8176	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58039	119.5	132.6502	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63269	119.5	132.3071	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.57957	119.5	131.9423	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58039	119.5	131.4787	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.57957	119.5	131.1891	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.57957	119.5	131.0218	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58039	119.5	130.8092	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.6326	119.4	130.3853	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.57957	119.5	129.9339	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63269	119.4	129.4866	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.57957	119.5	129.2644	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.6326	119.4	129.0452	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63269	119.5	128.2067	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63269	119.4	128.0628	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63269	119.5	126.7841	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58311	119.4	125.7395	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58272	119.4	125.7253	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58311	119.4	124.6507	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58272	119.4	124.5527	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58311	119.4	122.9757	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58272	119.4	122.8777	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58249	119.5	121.7967	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58311	119.4	121.7194	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58272	119.4	121.5377	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58311	119.4	121.4682	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58272	119.4	121.2864	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58249	119.5	120.6251	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58311	119.4	119.7094	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58272	119.4	119.3601	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58311	119.4	119.0394	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58249	119.5	118.8678	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58272	119.4	118.6901	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58249	119.5	117.4452	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58249	119.5	117.1942	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_015NR	24SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58249	119.5	115.1021	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58249	119.5	114.4326	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.46393	119.5	100.4008	'SPP-SEPC-11'
04G14_015NR	14G		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63462	119.5	144.1724	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63462	119.5	143.6703	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63462	119.5	143.0008	'KANARADO - SHARON SPRINGS 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58224	119.5	138.554	'LAWN RIDGE - RULETON 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58224	119.5	137.8008	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63462	119.5	140.4904	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58224	119.5	136.6293	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63462	119.5	139.4862	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58224	119.5	135.7925	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58224	119.5	135.6251	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58224	119.5	134.3699	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.58224	119.5	133.6167	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.45193	119.5	107.5138	'COLBY - MINGO 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.46632	119.5	104.8502	'SPP-SEPC-11'
04G14_015NR	14G		0 G14_015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.14502	79.9	140.433	'BEARCRK2 - SYRACUSE 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.14502	79.9	133.6746	'BEARCRK2 - JOHNSON 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.14502	79.9	129.6696	'JOHNSON - JOHNSON 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.14502	79.9	122.2853	'BIG BOW 3 115.00 - JOHNSON 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.14502	79.9	118.781	'BIG BOW 3 115.00 - ULYSPLT3 115.00 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.14502	79.9	113.6496	'PIONEER - ULYSPLT3 115.00 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.13727	79.9	108.3617	'HOLCOMB - SETAB 345KV CKT 1'
04G14_015NR	14G		0 G14_015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.17833	79.9	104.6295	'SPP-SEPC-11'
04G14_015NR	14G		0 G14_015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.16491	79.9	102.3442	'GOODLAND TAP - RULETON 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.16491	79.9	100.9675	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.16491	79.9	100.8423	'BREWSTER - GOODLAND 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.16491	79.9	100.0914	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63377	119.5	147.7247	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63354	119.5	147.6669	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63377	119.5	147.2226	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63354	119.5	147.0812	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63377	119.5	146.4695	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63354	119.5	146.2444	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63377	119.5	144.0427	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63354	119.5	143.6502	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63377	119.5	143.1222	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63354	119.5	142.7297	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.6326	119.5	142.2427	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63269	119.5	142.1816	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63269	119.5	142.0142	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.6326	119.5	141.4895	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63269	119.5	141.3448	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63269	119.5	141.0937	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.6326	119.5	140.4854	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58039	119.5	140.2653	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63269	119.5	140.2569	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63269	119.5	139.9222	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58039	119.5	139.5958	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58039	119.5	138.5916	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.57957	119.5	138.3021	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58039	119.5	137.7548	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.57957	119.5	137.6326	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58039	119.5	137.5874	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.6326	119.5	136.8033	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.57957	119.5	136.5448	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58039	119.5	136.4159	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63269	119.5	136.4075	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63269	119.5	135.9054	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.57957	119.5	135.7916	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58039	119.5	135.7464	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.57957	119.5	135.6243	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.6326	119.5	135.4644	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63269	119.5	134.9849	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.57957	119.5	134.5364	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63269	119.5	134.3992	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.57957	119.5	133.867	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58272	119.5	132.6494	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58311	119.5	132.1615	'LAWN RIDGE - RULETON 115KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_015NR	19SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58272	119.5	131.5615	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58311	119.5	131.1573	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58272	119.5	129.8042	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58249	119.5	129.4954	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58311	119.5	129.4	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58272	119.5	128.4653	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58249	119.5	128.2402	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58311	119.5	128.2285	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58272	119.5	128.2142	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58311	119.5	127.9774	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58249	119.5	126.4828	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58272	119.5	126.2895	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58311	119.5	126.1364	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58272	119.5	125.6201	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58311	119.5	125.4669	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58249	119.5	125.0603	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58249	119.5	124.8092	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58249	119.5	122.8008	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58249	119.5	122.0477	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.46393	119.5	105.3381	'SPP-SEPC-11'
00G14_015NR	14WP	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.4635	119.5	103.8912	'SPP-SEPC-11'
04G14_015NR	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63462	119.5	148.5238	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63462	119.5	148.0218	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63462	119.5	147.3523	'KANARADO - SHARON SPRINGS 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58224	119.5	142.9054	'LAWN RIDGE - RULETON 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58224	119.5	142.1523	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63462	119.5	144.7582	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58224	119.5	140.9808	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63462	119.5	143.754	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58224	119.5	140.0602	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58224	119.5	139.8929	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58224	119.5	138.6376	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.58224	119.5	137.9682	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.45193	119.5	111.8653	'COLBY - MINGO 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.46632	119.5	109.2017	'SPP-SEPC-11'
04G14_015NR	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.42612	119.5	100.1975	'BASE CASE'
00G14_015NR	14WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63377	79.7	230.6537	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63354	79.7	230.3162	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63377	79.7	229.9009	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63354	79.7	229.4379	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63377	79.7	228.7716	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63269	79.5	228.5623	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63354	79.7	228.3087	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.6326	79.7	228.0803	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63269	79.7	227.9887	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63269	79.5	227.1786	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.6326	79.7	226.9511	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63269	79.7	226.734	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63269	79.5	225.4176	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.6326	79.7	225.32	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63269	79.7	225.1029	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63377	79.7	225.0075	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63354	79.7	224.2936	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63377	79.7	223.7528	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63354	79.7	223.0389	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.6326	79.7	219.9247	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58039	79.7	219.3438	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63269	79.7	219.3313	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63269	79.5	219.2541	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58039	79.7	218.34	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.6326	79.7	217.9172	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63269	79.7	217.1983	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63269	79.5	217.1157	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58039	79.7	216.7089	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.57957	79.7	216.4003	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58039	79.7	215.5797	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.57957	79.7	215.3965	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58039	79.7	215.3287	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.57957	79.7	213.8909	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58272	79.7	213.8218	'LAWN RIDGE - RULETON 115KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_015NR	19WP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58039	79.7	213.5721	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58311	79.7	212.9649	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.57957	79.7	212.7616	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58039	79.7	212.5684	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.57957	79.7	212.5107	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58272	79.7	212.0652	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58311	79.7	211.3338	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.57957	79.7	210.8796	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.57957	79.7	209.7503	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58249	79.5	209.6189	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58272	79.7	209.5558	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58311	79.7	208.8243	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58249	79.5	207.8579	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58272	79.7	207.5483	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58272	79.7	207.1719	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58311	79.7	206.9423	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58311	79.7	206.5659	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58249	79.5	205.2164	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58272	79.7	204.2861	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58311	79.7	203.931	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58272	79.7	203.2823	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58249	79.5	203.078	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58311	79.7	202.9272	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58249	79.5	202.7006	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58249	79.5	199.556	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58249	79.5	198.5497	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.46393	79.7	174.0013	'SPP-SEPC-12'
00G14_015NR	14WP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.4635	79.7	172.5847	'SPP-SEPC-12'
00G14_015NR	19WP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.43869	79.7	164.1242	'COLBY - MINGO 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.43635	79.7	164.1217	'SPP-SEPC-03'
00G14_015NR	19WP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.43635	79.7	163.8708	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.43841	79.7	162.3877	'COLBY - MINGO 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.43578	79.7	162.0251	'SPP-SEPC-03'
00G14_015NR	14WP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.43578	79.7	161.7741	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.45395	79.7	160.7089	'SPP-SEPC-13'
00G14_015NR	24SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.45384	79.5	158.9333	'SPP-SEPC-13'
00G14_015NR	19SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.43786	79.7	158.2911	'SPP-SEPC-03'
00G14_015NR	14SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.4381	79.7	158.1305	'SPP-SEPC-03'
00G14_015NR	19SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.43786	79.7	157.9147	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.4381	79.7	157.7541	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.43786	79.7	157.4128	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.4381	79.7	157.3777	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.42441	79.7	154.9849	'BASE CASE'
00G14_015NR	24SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.4377	79.5	154.6038	'SPP-SEPC-03'
00G14_015NR	24SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.4377	79.5	154.2264	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.4377	79.5	153.7233	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.42396	79.7	153.059	'BASE CASE'
00G14_015NR	19SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.42549	79.7	149.3689	'BASE CASE'
00G14_015NR	14SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.42569	79.7	148.6914	'BASE CASE'
00G14_015NR	24SP		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.42533	79.5	146.2881	'BASE CASE'
04G14_015NR	14G		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58224	79.7	224.5571	'LAWN RIDGE - RULETON 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58224	79.7	223.4278	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63462	79.7	232.9812	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58224	79.7	221.6713	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63462	79.7	232.2284	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63462	79.7	231.2246	'KANARADO - SHARON SPRINGS 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58224	79.7	220.4166	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58224	79.7	220.1656	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58224	79.7	218.2836	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.58224	79.7	217.1543	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63462	79.7	227.4605	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63462	79.7	225.9548	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.45193	79.7	178.0163	'COLBY - MINGO 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.46632	79.7	174.0226	'SPP-SEPC-11'
04G14_015NR	14G		0 G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.42612	79.7	160.522	'BASE CASE'
00G14_015NR	19SP		0 G14_015	'HASKELL - SEWARD-3 115KV CKT 1'	FROM->TO	0.03444	118.6	100.3642	'HUGOTON SUBSTATION - PIONEER NATURAL RESOURCES TAP 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'HASKELL - SEWARD-3 115KV CKT 1'	FROM->TO	0.03163	118.6	103.0261	'SPP-MKEC-10'
00G14_015NR	24SP		0 G14_015	'HASKELL - SEWARD-3 115KV CKT 1'	FROM->TO	0.03163	118.6	103.0261	'SPP-SEPC-15'
00G14_015NR	24SP		0 G14_015	'HASKELL - SEWARD-3 115KV CKT 1'	FROM->TO	0.03163	118.6	101.93	'HUGOTON SUBSTATION - PIONEER NATURAL RESOURCES TAP 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.53935	113.9	138.3714	'GOODLAND TAP - RULETON 115KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_015NR	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41689	80.3	156.6214	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41689	80.3	155.7497	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41689	80.3	154.2553	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41689	80.3	153.259	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41689	80.3	153.01	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41689	80.3	151.5155	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41689	80.3	150.8929	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.3625	80.3	136.3014	'MINGO - SETAB 345KV CKT 1'
00G14_015NR	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.33829	80.3	129.2491	'SPP-SEPC-03'
00G14_015NR	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.33829	80.3	128.7509	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.31514	80.3	126.5778	'FLETCHER - HOLCOMB 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.33829	80.3	128.3773	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.32585	80.3	119.7447	'BASE CASE'
00G14_015NR	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.54306	80.3	194.543	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.54306	80.3	190.0598	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.54306	80.3	189.3126	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.54306	80.3	186.5728	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.42043	80.3	154.8306	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.42043	80.3	154.3325	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.42043	80.3	153.3362	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.45364	80.3	157.3998	'SPP-SEPC-10'
00G14_015NR	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.45364	80.3	157.3998	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015NR	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.42043	80.3	152.7136	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.42043	80.3	152.589	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.42043	80.3	151.5928	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.42043	80.3	150.9701	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.37117	80.3	137.2989	'MINGO - SETAB 345KV CKT 1'
00G14_015NR	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.34229	80.3	127.5056	'SPP-SEPC-03'
00G14_015NR	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.34229	80.3	127.132	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.34229	80.3	126.8829	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.34229	80.3	126.5093	'NORCATUR - OBERLIN TAP 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.33043	80.3	118.467	'BASE CASE'
00G14_015NR	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.53973	80.3	192.8007	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.53973	80.3	185.4533	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.53973	80.3	184.208	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.53973	80.3	180.0984	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41728	80.3	155.3972	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41728	80.3	154.401	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41728	80.3	153.0311	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41728	80.3	151.7858	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41728	80.3	151.6613	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41728	80.3	149.9178	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41728	80.3	149.4197	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.44739	80.3	145.8493	'SPP-SEPC-10'
00G14_015NR	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.44739	80.3	145.8493	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015NR	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.315	80.3	126.8991	'FLETCHER - HOLCOMB 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.36201	80.3	129.5181	'MINGO - SETAB 345KV CKT 1'
00G14_015NR	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.32633	80.3	125.6227	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015NR	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.33873	80.3	127.4209	'SPP-SEPC-03'
00G14_015NR	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.33873	80.3	126.9228	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.32633	80.3	118.4296	'BASE CASE'
00G14_015NR	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.54223	80.3	191.7422	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.54223	80.3	187.3836	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.54223	80.3	186.5118	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.54223	80.3	183.6476	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41961	80.3	151.66	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41961	80.3	151.0374	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41961	80.3	150.1656	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41961	80.3	149.4184	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41961	80.3	149.2939	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.45206	80.3	152.3263	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015NR	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.45206	80.3	152.3263	'SPP-SEPC-10'
00G14_015NR	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41961	80.3	148.2976	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41961	80.3	147.7995	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.34135	80.3	123.792	'SPP-SEPC-03'
00G14_015NR	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.34135	80.3	123.543	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.34135	80.3	123.1694	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.34135	80.3	122.7958	'NORCATUR - OBERLIN TAP 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.34135	80.3	122.4222	'NORCATUR - RHOADES 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.32937	80.3	114.7086	'BASE CASE'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_015NR	24SP		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.53991	80.2	196.2257	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.53991	80.2	188.7444	'GOODLAND TAP - GOODLAND TAP 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.53991	80.2	187.4975	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.53991	80.2	183.0087	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41751	80.2	159.7918	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41751	80.2	158.6696	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41751	80.2	157.298	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41751	80.2	156.0511	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41751	80.2	155.8017	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41751	80.2	154.0561	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41751	80.2	153.4327	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.36231	80.2	143.5075	'MINGO - SETAB 345KV CKT 1'
00G14_015NR	24SP		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.44762	80.2	148.2369	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015NR	24SP		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.44762	80.2	148.2369	'SPP-SEPC-10'
00G14_015NR	24SP		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.3151	80.2	132.9551	'FLETCHER - HOLCOMB 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.31998	80.2	131.0399	'SETAB (SETAB) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015NR	24SP		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.32658	80.2	130.6708	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015NR	24SP		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.33898	80.2	131.788	'SPP-SEPC-03'
00G14_015NR	24SP		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.32658	80.2	123.409	'BASE CASE'
04G14_015NR	14G		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.54219	80.3	190.4819	'GOODLAND TAP - RULETON 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.54219	80.3	185.2516	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.54219	80.3	184.5043	'BREWSTER - GOODLAND 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.54219	80.3	182.0137	'BREWSTER - MINGO 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41776	80.3	146.9838	'LAWN RIDGE - RULETON 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41776	80.3	146.3611	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41776	80.3	145.2404	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41776	80.3	144.4931	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41776	80.3	144.3686	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41776	80.3	143.2478	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.41776	80.3	142.7497	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.32726	80.3	124.7547	'G07-11 115.00 - SYRACUSE 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.32726	80.3	124.7547	'G07-11 115.00 115/34.5KV TRANSFORMER CKT 1'
04G14_015NR	14G		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.33938	80.3	118.1992	'SPP-SEPC-03'
04G14_015NR	14G		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.33938	80.3	117.9502	'HERNDON - JOHNSON 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.32726	80.3	110.0598	'BASE CASE'
00G14_015NR	24SP		0 G14_015	'KNOLL - N HAYS3 115.00 115KV CKT 1'	FROM->TO	0.03525	87.8	100.7688	'POSTROCK6 230.00 - SOUTH HAYS 230KV CKT 1'
00G14_015NR	14WP		0 G14_015	'KNOLL - REDLINE 115KV CKT 1'	TO->FROM	0.1012	85.8	106.7133	'PHILLIPSBURG - RHOADES 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'KNOLL - REDLINE 115KV CKT 1'	TO->FROM	0.19985	85.8	111.6026	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015NR	14WP		0 G14_015	'KNOLL - REDLINE 115KV CKT 1'	TO->FROM	0.19985	85.8	111.6026	'SPP-SEPC-10'
00G14_015NR	19WP		0 G14_015	'KNOLL - REDLINE 115KV CKT 1'	TO->FROM	0.1025	85.8	104.3706	'PHILLIPSBURG - RHOADES 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'KNOLL - REDLINE 115KV CKT 1'	TO->FROM	0.19997	85.8	107.3322	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015NR	19WP		0 G14_015	'KNOLL - REDLINE 115KV CKT 1'	TO->FROM	0.19997	85.8	107.3322	'SPP-SEPC-10'
00G14_015NR	14SP		0 G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.46065	79.7	175.527	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.46065	79.7	168.1242	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.46065	79.7	167.1204	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.46065	79.7	163.2309	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.3674	79.7	146.9511	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.3674	79.7	146.3237	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.3674	79.7	145.4454	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.3674	79.7	142.3087	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.3674	79.7	141.1794	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.24945	79.7	107.8231	'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1'
00G14_015NR	14SP		0 G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.24846	79.7	107.5759	'COLBY - G12-026 115.00 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.27119	79.7	107.5997	'SPP-SEPC-11'
00G14_015NR	14SP		0 G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.24945	79.7	106.8193	'BUCKNER7 345.00 - HOLCOMB 345KV CKT 1'
00G14_015NR	14SP		0 G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.24846	79.7	101.4279	'BASE CASE'
00G14_015NR	14WP		0 G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.45694	79.7	176.389	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.45694	79.7	171.872	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.45694	79.7	170.9937	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.45694	79.7	168.3589	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36623	79.7	144.7541	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36623	79.7	144.2522	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36623	79.7	143.6248	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36623	79.7	141.4919	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36623	79.7	140.739	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.24562	79.7	106.8833	'COLBY - G12-026 115.00 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.24501	79.7	106.9046	'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1'
00G14_015NR	14WP		0 G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.26803	79.7	106.9122	'SPP-SEPC-11'
00G14_015NR	14WP		0 G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.24562	79.7	100.1079	'BASE CASE'
00G14_015NR	19SP		0 G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.46027	79.7	176.1368	'GOODLAND TAP - RULETON 115KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_015NR	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.46027	79.7	168.734	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.46027	79.7	167.6048	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.46027	79.7	163.4642	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36731	79.7	146.9172	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36731	79.7	146.1644	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36731	79.7	145.2861	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36731	79.7	141.8984	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36731	79.7	140.7691	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.24818	79.7	107.8469	'COLBY - G12-026 115.00 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.24868	79.7	107.5332	'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1'
00G14_015NR	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.27107	79.7	107.8055	'SPP-SEPC-11'
00G14_015NR	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.24868	79.7	106.5295	'BUCKNER7 345.00 - HOLCOMB 345KV CKT 1'
00G14_015NR	19SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.24818	79.7	101.6989	'BASE CASE'
00G14_015NR	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.45777	79.7	178.8344	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.45777	79.7	174.4429	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.45777	79.7	173.5646	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.45777	79.7	170.6788	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36646	79.7	144.9661	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36646	79.7	144.4642	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36646	79.7	143.8369	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36646	79.7	141.5784	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36646	79.7	140.8256	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.24616	79.7	108.9686	'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1'
00G14_015NR	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.24622	79.7	108.4893	'COLBY - G12-026 115.00 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.24616	79.7	107.9649	'BUCKNER7 345.00 - HOLCOMB 345KV CKT 1'
00G14_015NR	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.26864	79.7	108.522	'SPP-SEPC-11'
00G14_015NR	19WP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.24622	79.7	101.5885	'BASE CASE'
00G14_015NR	24SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.46009	79.6	172.647	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.46009	79.6	165.2349	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.46009	79.6	163.853	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.46009	79.6	159.4561	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36731	79.6	146.9761	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36731	79.6	146.2224	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36731	79.6	145.2173	'KANARADO - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36731	79.6	141.6997	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36731	79.6	140.4435	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.24808	79.6	105.9347	'COLBY - G12-026 115.00 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.27097	79.6	105.642	'SPP-SEPC-11'
00G14_015NR	24SP	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.24844	79.6	104.0603	'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1'
04G14_015NR	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.45781	79.7	180.7315	'GOODLAND TAP - RULETON 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.45781	79.7	175.5872	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.45781	79.7	174.8344	'BREWSTER - GOODLAND 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.45781	79.7	172.4505	'BREWSTER - MINGO 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36538	79.7	142.4266	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36538	79.7	142.0502	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36538	79.7	141.4228	'KANARADO - SHARON SPRINGS 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36538	79.7	139.2898	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36538	79.7	138.4115	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.24662	79.7	108.7654	'COLBY - G12-026 115.00 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.26909	79.7	108.8168	'SPP-SEPC-11'
04G14_015NR	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.24758	79.7	106.6173	'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1'
04G14_015NR	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.24662	79.7	101.1117	'BASE CASE'
00G14_015NR	14SP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.46065	119.5	115.3933	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.46065	119.5	110.4561	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.46065	119.5	109.7029	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.46065	119.5	107.1925	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.45694	119.5	116.554	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.45694	119.5	113.5414	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.45694	119.5	113.0393	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.45694	119.5	111.282	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.46027	119.5	115.6326	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.46027	119.5	110.6954	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.46027	119.5	109.9423	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.46027	119.5	107.1807	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.45777	119.5	118.1849	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.45777	119.5	115.2561	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.45777	119.5	114.6703	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.45777	119.5	112.7456	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.46009	119.4	113.1717	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.46009	119.4	108.1466	'GOODLAND - GOODLAND TAP 115KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_015NR	24SP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.46009	119.4	107.3091	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.46009	119.4	104.3777	'BREWSTER - MINGO 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.45781	119.5	119.3665	'GOODLAND TAP - RULETON 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.45781	119.5	115.9356	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.45781	119.5	115.4335	'BREWSTER - GOODLAND 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.45781	119.5	113.7598	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.53935	79.7	199.5044	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.53935	79.7	192.1016	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.53935	79.7	190.9724	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.53935	79.7	187.2083	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41689	79.7	162.0665	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41689	79.7	161.0627	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41689	79.7	159.6826	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41689	79.7	158.5533	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41689	79.7	158.4279	'BIRD CITY - MCDONL3 115.00 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41689	79.7	156.7967	'BVERVLLY 115.00 - MCDONL3 115.00 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41689	79.7	156.1694	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.3625	79.7	141.468	'MINGO - SETAB 345KV CKT 1'
00G14_015NR	14SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.33829	79.7	134.3626	'SPP-SEPC-03'
00G14_015NR	14SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.31514	79.7	131.7967	'FLETCHER - HOLCOMB 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.33829	79.7	133.9862	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015NR	14SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.32585	79.7	131.3526	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015NR	14SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.32585	79.7	124.9122	'BASE CASE'
00G14_015NR	14WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.54306	79.7	199.0188	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.54306	79.7	194.5019	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.54306	79.7	193.6236	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.54306	79.7	190.9887	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.42043	79.7	159.0075	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.42043	79.7	158.3802	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.42043	79.7	157.5019	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.45364	79.7	161.4706	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015NR	14WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.45364	79.7	161.4706	'SPP-SEPC-10'
00G14_015NR	14WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.42043	79.7	156.8745	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.42043	79.7	156.7491	'BIRD CITY - MCDONL3 115.00 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.42043	79.7	155.7453	'BVERVLLY 115.00 - MCDONL3 115.00 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.42043	79.7	155.1179	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.37117	79.7	141.2183	'MINGO - SETAB 345KV CKT 1'
00G14_015NR	14WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.34229	79.7	131.3513	'SPP-SEPC-03'
00G14_015NR	14WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.34229	79.7	131.1004	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.34229	79.7	130.8494	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.34229	79.7	130.3476	'NORCATUR - OBERLIN TAP 115KV CKT 1'
00G14_015NR	14WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.33043	79.7	122.2447	'BASE CASE'
00G14_015NR	19SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.53973	79.7	198.7691	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.53973	79.7	191.2409	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.53973	79.7	190.1117	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.53973	79.7	185.9712	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41728	79.7	161.0841	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41728	79.7	160.0803	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41728	79.7	158.5746	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41728	79.7	157.4454	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41728	79.7	157.3199	'BIRD CITY - MCDONL3 115.00 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41728	79.7	155.5634	'BVERVLLY 115.00 - MCDONL3 115.00 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41728	79.7	154.936	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.44739	79.7	151.4642	'SPP-SEPC-10'
00G14_015NR	19SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.44739	79.7	151.4642	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015NR	19SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.315	79.7	132.3714	'FLETCHER - HOLCOMB 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.32633	79.7	131.0853	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015NR	19SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.33873	79.7	132.8971	'SPP-SEPC-03'
00G14_015NR	19SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.36201	79.7	135.01	'MINGO - SETAB 345KV CKT 1'
00G14_015NR	19SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.33873	79.7	132.3952	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.32633	79.7	123.8382	'BASE CASE'
00G14_015NR	19WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.54223	79.7	196.4479	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.54223	79.7	191.931	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.54223	79.7	191.0527	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.54223	79.7	188.1669	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41961	79.7	155.9385	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41961	79.7	155.4366	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41961	79.7	154.4329	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41961	79.7	153.8055	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41961	79.7	153.6801	'BIRD CITY - MCDONL3 115.00 115KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_015NR	19WP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41961	79.7	152.6763	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.45206	79.7	156.6098	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015NR	19WP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.45206	79.7	156.6098	'SPP-SEPC-10'
00G14_015NR	19WP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41961	79.7	152.0489	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.34135	79.7	127.9862	'SPP-SEPC-03'
00G14_015NR	19WP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.34135	79.7	127.6098	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.34135	79.7	127.3588	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.34135	79.7	126.857	'NORCATUR - OBERLIN TAP 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.34135	79.7	126.4806	'NORCATUR - RHOADES 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.32937	79.7	118.7089	'BASE CASE'
00G14_015NR	24SP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.53991	79.6	202.6043	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.53991	79.6	195.0666	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.53991	79.6	193.8103	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.53991	79.6	189.2877	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41751	79.6	165.8957	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41751	79.6	164.7651	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41751	79.6	163.3832	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41751	79.6	162.1269	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41751	79.6	161.8756	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41751	79.6	160.1168	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41751	79.6	159.4887	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.36231	79.6	149.4887	'MINGO - SETAB 345KV CKT 1'
00G14_015NR	24SP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.3151	79.6	138.8568	'FLETCHER - HOLCOMB 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.44762	79.6	154.2538	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015NR	24SP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.44762	79.6	154.2538	'SPP-SEPC-10'
00G14_015NR	24SP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.32658	79.6	136.5553	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015NR	24SP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.31998	79.6	136.9271	'SETAB (SETAB) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015NR	24SP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.33898	79.6	137.6809	'SPP-SEPC-03'
00G14_015NR	24SP		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.32658	79.6	129.2387	'BASE CASE'
04G14_015NR	14G		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.54219	79.7	194.6763	'GOODLAND TAP - RULETON 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.54219	79.7	189.532	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.54219	79.7	188.7792	'BREWSTER - GOODLAND 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.54219	79.7	186.2698	'BREWSTER - MINGO 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41776	79.7	150.8507	'LAWN RIDGE - RULETON 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41776	79.7	150.2234	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41776	79.7	149.2196	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41776	79.7	148.4668	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41776	79.7	148.3413	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41776	79.7	147.2121	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.41776	79.7	146.5847	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.32726	79.7	128.4542	'G07-11 115.00 - SYRACUSE 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.32726	79.7	128.4542	'G07-11 115.00 115/34.5KV TRANSFORMER CKT 1'
04G14_015NR	14G		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.33938	79.7	121.9749	'SPP-SEPC-03'
04G14_015NR	14G		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.32726	79.7	120.1744	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
04G14_015NR	14G		0 G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.32726	79.7	113.7741	'BASE CASE'
00G14_015NR	14SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.53935	80.3	185.3113	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.53935	80.3	177.9639	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.53935	80.3	176.8431	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.53935	80.3	173.1071	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41689	80.3	148.1532	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41689	80.3	147.1569	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41689	80.3	145.787	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41689	80.3	144.6662	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41689	80.3	144.5417	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41689	80.3	142.9228	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41689	80.3	142.3001	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.44686	80.3	140.4209	'SPP-SEPC-10'
00G14_015NR	14SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.44686	80.3	140.4209	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.3625	80.3	127.7086	'MINGO - SETAB 345KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.33829	80.3	120.6563	'SPP-SEPC-03'
00G14_015NR	14SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.33829	80.3	120.2827	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.33829	80.3	119.7845	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.31514	80.3	118.1096	'FLETCHER - HOLCOMB 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.32585	80.3	111.2765	'BASE CASE'
00G14_015NR	14WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.54306	80.3	188.8144	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.54306	80.3	184.2067	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.54306	80.3	183.4595	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.54306	80.3	180.8443	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.42043	80.3	148.9776	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.42043	80.3	148.4794	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_015NR	14WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.45364	80.3	151.5467	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.45364	80.3	151.5467	'SPP-SEPC-10'
00G14_015NR	14WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.42043	80.3	147.4832	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.42043	80.3	146.8605	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.42043	80.3	146.736	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.42043	80.3	145.7397	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.42043	80.3	145.2416	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.37117	80.3	131.4458	'MINGO - SETAB 345KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.34229	80.3	121.6526	'SPP-SEPC-03'
00G14_015NR	14WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.34229	80.3	121.4035	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.34229	80.3	121.0299	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.34229	80.3	120.6563	'NORCATUR - OBERLIN TAP 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.33043	80.3	112.6139	'BASE CASE'
00G14_015NR	19SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.53973	80.3	183.8344	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.53973	80.3	176.3624	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.53973	80.3	175.2416	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.53973	80.3	171.132	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41728	80.3	146.4309	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41728	80.3	145.4346	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41728	80.3	143.9402	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41728	80.3	142.8194	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41728	80.3	142.5704	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41728	80.3	140.9514	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41728	80.3	140.3288	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.44739	80.3	136.8829	'SPP-SEPC-10'
00G14_015NR	19SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.44739	80.3	136.8829	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.315	80.3	117.8082	'FLETCHER - HOLCOMB 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.36201	80.3	120.4271	'MINGO - SETAB 345KV CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.33873	80.3	118.4545	'SPP-SEPC-03'
00G14_015NR	19SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.33873	80.3	117.9564	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.32633	80.3	116.6563	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.32633	80.3	109.4633	'BASE CASE'
00G14_015NR	19WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.54223	80.2	185.8716	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.54223	80.2	181.3828	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.54223	80.2	180.51	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.54223	80.2	177.6422	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41961	80.2	145.6147	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41961	80.2	144.9913	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41961	80.2	144.1185	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41961	80.2	143.495	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41961	80.2	143.3703	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.45206	80.2	146.2818	'SPP-SEPC-10'
00G14_015NR	19WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.45206	80.2	146.2818	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41961	80.2	142.3728	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41961	80.2	141.7494	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.34135	80.2	117.8367	'SPP-SEPC-03'
00G14_015NR	19WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.34135	80.2	117.4626	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.34135	80.2	117.2132	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.34135	80.2	116.7145	'NORCATUR - OBERLIN TAP 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.34135	80.2	116.3404	'NORCATUR - RHOADES 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.32937	80.2	108.6172	'BASE CASE'
00G14_015NR	24SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.53991	80.3	186.3923	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.53991	80.3	178.9203	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.53991	80.3	177.675	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.53991	80.3	173.1918	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41751	80.3	150.0037	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41751	80.3	149.0075	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41751	80.3	147.5131	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41751	80.3	146.2677	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41751	80.3	146.0187	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41751	80.3	144.2752	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41751	80.3	143.6525	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.36231	80.3	133.8643	'MINGO - SETAB 345KV CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.44762	80.3	138.4633	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.44762	80.3	138.4633	'SPP-SEPC-10'
00G14_015NR	24SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.3151	80.3	123.2005	'FLETCHER - HOLCOMB 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.31998	80.3	121.2877	'SETAB (SETAB) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.32658	80.3	120.919	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.33898	80.3	122.0349	'SPP-SEPC-03'
00G14_015NR	24SP		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.32658	80.3	113.7908	'BASE CASE'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
04G14_015NR	14G		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.44868	80.3	170.8643	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.44868	80.3	170.8643	'SPP-SEPC-10'
04G14_015NR	14G		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.54219	80.3	184.6289	'GOODLAND TAP - RULETON 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.54219	80.3	179.3985	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.54219	80.3	178.6513	'BREWSTER - GOODLAND 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.54219	80.3	176.1606	'BREWSTER - MINGO 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41776	80.3	141.0062	'LAWN RIDGE - RULETON 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41776	80.3	140.3836	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41776	80.3	139.3873	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41776	80.3	138.6401	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41776	80.3	138.5156	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41776	80.3	137.3948	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.41776	80.3	136.7721	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.32726	80.3	118.9016	'G07-11 115.00 - SYRACUSE 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.32726	80.3	118.9016	'G07-11 115.00 115/34.5KV TRANSFORMER CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.33938	80.3	112.3462	'SPP-SEPC-03'
04G14_015NR	14G		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.32726	80.3	111.9278	'COMANCHE COUNTY (CENTPLN3) 115/34.5/13.8KV TRANSFORMER CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.33938	80.3	111.9726	'HERNDON - JOHNSON 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.32726	80.3	104.2067	'BASE CASE'
00G14_015NR	14SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.53935	80.3	182.0735	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.53935	80.3	174.726	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.53935	80.3	173.7297	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.53935	80.3	169.8692	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41689	80.3	144.9153	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41689	80.3	144.0436	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41689	80.3	142.5492	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41689	80.3	141.5529	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41689	80.3	141.3039	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41689	80.3	139.8094	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41689	80.3	139.1868	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.44686	80.3	137.3076	'SPP-SEPC-10'
00G14_015NR	14SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.44686	80.3	137.3076	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.3625	80.3	124.4707	'MINGO - SETAB 345KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.33829	80.3	117.543	'SPP-SEPC-03'
00G14_015NR	14SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.33829	80.3	117.0448	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.33829	80.3	116.6712	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.31514	80.3	114.8717	'FLETCHER - HOLCOMB 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.32585	80.3	108.0386	'BASE CASE'
00G14_015NR	14WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.54306	80.3	186.8219	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.54306	80.3	182.2142	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.54306	80.3	181.467	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.54306	80.3	178.8518	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.42043	80.3	146.985	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.42043	80.3	146.4869	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.45364	80.3	149.5542	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.45364	80.3	149.5542	'SPP-SEPC-10'
00G14_015NR	14WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.42043	80.3	145.4906	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.42043	80.3	144.868	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.42043	80.3	144.7435	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.42043	80.3	143.7472	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.42043	80.3	143.2491	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.37117	80.3	129.4533	'MINGO - SETAB 345KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.34229	80.3	119.66	'SPP-SEPC-03'
00G14_015NR	14WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.34229	80.3	119.411	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.34229	80.3	119.0374	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.34229	80.3	118.6638	'NORCATUR - OBERLIN TAP 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.33043	80.3	110.6214	'BASE CASE'
00G14_015NR	19SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.53973	80.3	180.472	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.53973	80.3	173.1245	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.53973	80.3	171.8792	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.53973	80.3	167.7696	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41728	80.3	143.0685	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41728	80.3	142.0722	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41728	80.3	140.7024	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41728	80.3	139.457	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41728	80.3	139.3325	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41728	80.3	137.589	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41728	80.3	137.0909	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.44739	80.3	133.5205	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.44739	80.3	133.5205	'SPP-SEPC-10'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_015NR	19SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.36201	80.3	117.1893	'MINGO - SETAB 345KV CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.315	80.3	114.5704	'FLETCHER - HOLCOMB 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.33873	80.3	115.0922	'SPP-SEPC-03'
00G14_015NR	19SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.33873	80.3	114.594	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.32633	80.3	113.2939	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015NR	19SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.32633	80.3	106.1009	'BASE CASE'
00G14_015NR	19WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.54223	80.2	183.7519	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.54223	80.2	179.2631	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.54223	80.2	178.515	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.54223	80.2	175.6471	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41961	80.2	143.6197	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41961	80.2	142.9963	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41961	80.2	142.1234	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41961	80.2	141.3753	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41961	80.2	141.2506	'BIRD CITY - MCDONL3 115.00 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.45206	80.2	144.2868	'SPP-SEPC-10'
00G14_015NR	19WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.45206	80.2	144.2868	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41961	80.2	140.2531	'BVERVLLY 115.00 - MCDONL3 115.00 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41961	80.2	139.6297	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.34135	80.2	115.717	'SPP-SEPC-03'
00G14_015NR	19WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.34135	80.2	115.4676	'HERNDON - JOHNSON 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.34135	80.2	115.0935	'JOHNSON - OBERLIN TAP 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.34135	80.2	114.7195	'NORCATUR - OBERLIN TAP 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.34135	80.2	114.3454	'NORCATUR - RHOADES 115KV CKT 1'
00G14_015NR	19WP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.32937	80.2	106.6222	'BASE CASE'
00G14_015NR	24SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.53991	80.3	183.0299	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.53991	80.3	175.5579	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.53991	80.3	174.3126	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.53991	80.3	169.8294	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41751	80.3	146.6413	'LAWN RIDGE - RULETON 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41751	80.3	145.5205	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41751	80.3	144.1507	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41751	80.3	142.9053	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41751	80.3	142.6563	'BIRD CITY - MCDONL3 115.00 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41751	80.3	140.9128	'BVERVLLY 115.00 - MCDONL3 115.00 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41751	80.3	140.2901	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.36231	80.3	130.3773	'MINGO - SETAB 345KV CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.44762	80.3	135.1009	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.44762	80.3	135.1009	'SPP-SEPC-10'
00G14_015NR	24SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.3151	80.3	119.8381	'FLETCHER - HOLCOMB 115KV CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.31998	80.3	117.9253	'SETAB (SETAB) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.32658	80.3	117.5567	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
00G14_015NR	24SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.33898	80.3	118.6725	'SPP-SEPC-03'
00G14_015NR	24SP		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.32658	80.3	110.3039	'BASE CASE'
04G14_015NR	14G		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.54219	80.2	182.49	'GOODLAND TAP - RULETON 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.54219	80.2	177.2531	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.54219	80.2	176.505	'BREWSTER - GOODLAND 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.54219	80.2	174.0112	'BREWSTER - MINGO 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41776	80.2	138.9377	'LAWN RIDGE - RULETON 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41776	80.2	138.1895	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41776	80.2	137.192	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41776	80.2	136.4439	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41776	80.2	136.3192	'BIRD CITY - MCDONL3 115.00 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41776	80.2	135.197	'BVERVLLY 115.00 - MCDONL3 115.00 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.41776	80.2	134.6983	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.32726	80.2	116.6808	'G07-11 115.00 - SYRACUSE 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.32726	80.2	116.6808	'G07-11 115.00 115/34.5KV TRANSFORMER CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.33938	80.2	110.1172	'SPP-SEPC-03'
04G14_015NR	14G		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.32726	80.2	109.6983	'COMANCHE COUNTY (CENTPLN3) 115/34.5/13.8KV TRANSFORMER CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.33938	80.2	109.8678	'HERNDON - JOHNSON 115KV CKT 1'
04G14_015NR	14G		0 G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.32726	80.2	101.9676	'BASE CASE'
00G14_015NR	14SP		0 G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.46065	119.5	112.7155	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.46065	119.5	107.7782	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.46065	119.5	107.0251	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	14SP		0 G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.46065	119.5	104.5146	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.45694	119.5	114.964	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.45694	119.5	111.8678	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.45694	119.5	111.3657	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	14WP		0 G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.45694	119.5	109.6084	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	19SP		0 G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.46027	119.5	112.9548	'GOODLAND TAP - RULETON 115KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_015NR	19SP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.46027	119.5	108.0176	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.46027	119.5	107.2644	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	19SP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.46027	119.5	104.5029	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.45777	119.5	116.595	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.45777	119.5	113.5824	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.45777	119.5	112.9967	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	19WP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.45777	119.5	111.1556	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.46009	119.4	110.4916	'GOODLAND TAP - RULETON 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.46009	119.4	105.4665	'GOODLAND - GOODLAND TAP 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.46009	119.4	104.629	'BREWSTER - GOODLAND 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.46009	119.4	101.6977	'BREWSTER - MINGO 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.45781	119.5	117.4418	'GOODLAND TAP - RULETON 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.45781	119.5	114.0946	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.45781	119.5	113.5925	'BREWSTER - GOODLAND 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.45781	119.5	111.9188	'BREWSTER - MINGO 115KV CKT 1'
00G14_015NR	24SP	0	G14_015	'SYRACUSE - TRIBUNE 115KV CKT 1'	TO->FROM	0.1189	79.6	100.3392	'FLETCHER - HOLCOMB 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.14502	79.4	144.34	'BEARCRK2 - SYRACUSE 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.14502	79.4	137.539	'BEARCRK2 - JOHNSON 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.14502	79.4	133.5088	'JOHNSON - JOHNSON 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.14502	79.4	126.0781	'BIG BOW 3 115.00 - JOHNSON 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.14502	79.4	122.5516	'BIG BOW 3 115.00 - ULYSPLT3 115.00 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.14502	79.4	117.3879	'PIONEER - ULYSPLT3 115.00 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.13727	79.4	112.0668	'HOLCOMB - SETAB 345KV CKT 1'
04G14_015NR	14G	0	G14_015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.17833	79.4	108.3111	'SPP-SEPC-11'
04G14_015NR	14G	0	G14_015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.16491	79.4	106.0113	'GOODLAND TAP - RULETON 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.16491	79.4	104.6259	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.16491	79.4	104.5	'BREWSTER - GOODLAND 115KV CKT 1'
04G14_015NR	14G	0	G14_015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.16491	79.4	103.7443	'BREWSTER - MINGO 115KV CKT 1'
00G14_016NRfgsensitivity	14SP	0	G14_016	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.20381	205.8	124.8652	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	14WP	0	G14_016	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.18885	206	124.1489	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	19SP	0	G14_016	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.20945	205.9	128.3944	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	19WP	0	G14_016	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.2009	205.9	120.8383	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	24SP	0	G14_016	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.20922	205.9	129.4373	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	24SP	0	G14_016	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07093	205.9	102.9349	'GRIMES - MT. ZION 138KV CKT 1'
00G14_016NRfgsensitivity	24SP	0	G14_016	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07109	205.9	102.3699	'T133'
00G14_016NRfgsensitivity	24SP	0	G14_016	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07093	205.9	102.2064	'Huntsville to Grimes'
00G14_016NRfgsensitivity	24SP	0	G14_016	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07093	205.9	101.6722	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_016NRfgsensitivity	14SP	0	G14_016	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.20381	206	113.142	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	14WP	0	G14_016	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.18885	205.8	113.9197	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	19SP	0	G14_016	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.20945	206	114.3029	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	19WP	0	G14_016	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.2009	206	108.3039	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	24SP	0	G14_016	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.20922	206	113.4036	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	14SP	0	G14_016	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.87353	788.9	104.6569	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	14WP	0	G14_016	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.81373	788.8	102.8834	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	19SP	0	G14_016	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.90259	788.8	105.4758	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	19WP	0	G14_016	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.86264	789	104.3403	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	24SP	0	G14_016	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.90273	788.6	105.4559	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	14SP	0	G14_016	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.22449	234.9	113.1155	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	19SP	0	G14_016	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.23558	235	104.4884	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	19WP	0	G14_016	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.22289	264.7	108.2515	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	24SP	0	G14_016	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.23644	235	102.6999	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	14SP	0	G14_016	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.13022	111.6	112.0254	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	14WP	0	G14_016	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.12066	111.9	114.3263	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	19SP	0	G14_016	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.13383	111.7	119.6482	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	19WP	0	G14_016	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.12836	111.3	115.0893	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	24SP	0	G14_016	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.13368	111.8	122.7305	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	14SP	0	G14_016	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.22449	235	107.4503	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	19WP	0	G14_016	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.22289	264.9	102.4318	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	14SP	0	G14_016	'GRAPELAND (ETEC) - SLOCUM 138KV CKT 1'	FROM->TO	0.22449	235	104.3439	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	14SP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.2453	206	137.0261	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	14WP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.22733	205.8	139.9215	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	14WP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07767	205.8	105.7757	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_016NRfgsensitivity	14WP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07767	205.8	102.1314	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_016NRfgsensitivity	14WP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07767	205.8	101.7427	'T132'
00G14_016NRfgsensitivity	19SP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.25209	206	139.8682	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	19SP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08362	206	102.9849	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_016NRfgsensitivity	19WP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.24178	206	134.4503	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	24SP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.25182	206	138.7217	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	24SP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08227	206	107.932	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_016NRfgsensitivity	24SP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08227	206	102.5436	'T132'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_016NRfgsensitivity	24SP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08227	206	102.398	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_016NRfgsensitivity	14WP	0	G14_016	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.15139	520.2	100.1285	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_016NRfgsensitivity	19SP	0	G14_016	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.16306	517.6	102.5388	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_016NRfgsensitivity	24SP	0	G14_016	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.16041	516.8	107.6497	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_016NRfgsensitivity	24SP	2	G14_016	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.10871	517	100.9854	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_016NRfgsensitivity	14WP	0	G14_016	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.15139	520.2	100.1285	'GRIMES 345/138KV TRANSFORMER CKT 1'
00G14_016NRfgsensitivity	19SP	0	G14_016	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.16306	517.6	102.5388	'GRIMES 345/138KV TRANSFORMER CKT 1'
00G14_016NRfgsensitivity	24SP	0	G14_016	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.16041	516.8	107.6497	'GRIMES 345/138KV TRANSFORMER CKT 1'
00G14_016NRfgsensitivity	24SP	2	G14_016	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.10871	517	100.9854	'GRIMES 345/138KV TRANSFORMER CKT 1'
00G14_016NRfgsensitivity	14SP	0	G14_016	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.2453	205.9	125.1936	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	14WP	0	G14_016	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.22733	205.3	128.8157	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	19SP	0	G14_016	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.25209	205.7	127.5783	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	19WP	0	G14_016	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.24178	205.9	123.4423	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	24SP	0	G14_016	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.25182	205.5	126.2612	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	14SP	0	G14_016	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.59925	981.9	101.612	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_016NRfgsensitivity	19SP	0	G14_016	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.62839	982.8	107.1226	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_016NRfgsensitivity	19WP	0	G14_016	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.58903	982.5	106.8588	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_016NRfgsensitivity	24SP	0	G14_016	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.61287	983.5	115.3581	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_016NRfgsensitivity	14SP	0	G14_016	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.60154	979.1	102.2932	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_016NRfgsensitivity	19SP	0	G14_016	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.6308	980.5	107.7872	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_016NRfgsensitivity	19WP	0	G14_016	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.59129	979.9	107.5523	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_016NRfgsensitivity	24SP	0	G14_016	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.61522	981.7	116.0116	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_016NRfgsensitivity	14SP	0	G14_016	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.2453	206	133.7251	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	14WP	0	G14_016	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.22733	205.8	136.3744	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	14WP	0	G14_016	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.07767	205.8	102.18	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_016NRfgsensitivity	19SP	0	G14_016	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.25209	206	136.0818	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	19WP	0	G14_016	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.24178	206	131.0037	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	24SP	0	G14_016	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.25182	205.9	134.2724	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016NRfgsensitivity	24SP	0	G14_016	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08227	205.9	103.4676	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_016NRfgsensitivity	19SP	0	G14_016	'SABINE MINING CO. T - SOUTHEAST MARSHALL 138KV CKT 1'	FROM->TO	0.12563	271	110.5053	'DIANA - PIRKEY 345KV CKT 1'
00G14_016NRfgsensitivity	24SP	0	G14_016	'SABINE MINING CO. T - SOUTHEAST MARSHALL 138KV CKT 1'	FROM->TO	0.12404	271.1	110.2933	'DIANA - PIRKEY 345KV CKT 1'
00G14_017NRfgsensitivity	14SP	0	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.20381	205.8	154.377	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.18885	206	151.4679	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06698	206	106.3099	'GRIMES - MT. ZION 138KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06714	206	105.914	'T133'
00G14_017NRfgsensitivity	14WP	0	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06698	206	105.6789	'Huntsville to Grimes'
00G14_017NRfgsensitivity	14WP	0	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06698	206	105.3391	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06698	206	103.1061	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.20945	205.9	158.7082	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.0721	205.9	107.7206	'GRIMES - MT. ZION 138KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07227	205.9	107.1813	'T133'
00G14_017NRfgsensitivity	19SP	0	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.0721	205.9	106.9921	'Huntsville to Grimes'
00G14_017NRfgsensitivity	19SP	0	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.0721	205.9	106.6521	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.0721	205.9	104.2238	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14_017NRfgsensitivity	19WP	0	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.2009	205.9	149.9147	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.20922	205.9	159.7178	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07093	205.9	113.2006	'GRIMES - MT. ZION 138KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07109	205.9	112.6588	'T133'
00G14_017NRfgsensitivity	24SP	0	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07093	205.9	112.4721	'Huntsville to Grimes'
00G14_017NRfgsensitivity	24SP	0	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07093	205.9	111.9379	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07093	205.9	109.6552	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06838	205.9	103.903	'DIANA - PIRKEY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.04945	205.9	100.952	'CHINA PORTER SERIES - CHINA PORTER SERIES CAP 230KV CKT 2'
00G14_017NRfgsensitivity	24SP	0	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.04945	205.9	100.952	'CHINA - CHINA PORTER SERIES CAP 230KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.04945	205.9	100.7577	'CHINA PORTER SERIES - PORTER 230KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.04945	205.9	100.7577	'PORTER (PORTER) 230/138/13.8KV TRANSFORMER CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.04945	205.9	100.6606	'China to Porter'
00G14_017NRfgsensitivity	24SP	2	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.04782	205.9	102.4775	'GRIMES - MT. ZION 138KV CKT 1'
00G14_017NRfgsensitivity	24SP	2	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.04793	205.9	101.8743	'T133'
00G14_017NRfgsensitivity	24SP	2	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.04782	205.9	101.6518	'Huntsville to Grimes'
00G14_017NRfgsensitivity	24SP	2	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.04782	205.9	101.2633	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_017NRfgsensitivity	14SP	0	G14_017	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.20381	206	142.6252	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.18885	205.8	141.2653	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.20945	206	144.602	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19WP	0	G14_017	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.2009	206	137.3662	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.20922	206	143.6694	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14SP	0	G14_017	'4FISHCRK - 4SPRINGBRNCH138.00 138KV CKT 1'	TO->FROM	0.13022	112	109.7553	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'4FISHCRK - 4SPRINGBRNCH138.00 138KV CKT 1'	TO->FROM	0.12066	112	114.007	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'4FISHCRK - 4SPRINGBRNCH138.00 138KV CKT 1'	TO->FROM	0.13383	111.7	101.1893	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14SP	0	G14_017	'4FISHCRK - LONGMIRE 138KV CKT 1'	FROM->TO	0.13022	112	100.7374	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_017NRfgsensitivity	14WP	0	G14_017	'4FISHCRK - LONGMIRE 138KV CKT 1'	FROM->TO	0.12066	112	108.6498	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14SP	0	G14_017	'4SPRINGBRNCH138.00 - DOBBIN 138KV CKT 1'	TO->FROM	0.13022	112	123.2374	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'4SPRINGBRNCH138.00 - DOBBIN 138KV CKT 1'	TO->FROM	0.12066	112	123.5605	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'4SPRINGBRNCH138.00 - DOBBIN 138KV CKT 1'	TO->FROM	0.13383	111.9	124.2434	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19WP	0	G14_017	'4SPRINGBRNCH138.00 - DOBBIN 138KV CKT 1'	TO->FROM	0.12836	111.9	121.2205	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'4SPRINGBRNCH138.00 - DOBBIN 138KV CKT 1'	TO->FROM	0.13368	111.9	124.5303	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14SP	0	G14_017	'ALTO (ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	FROM->TO	0.22449	235	123.0239	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'ALTO (ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	FROM->TO	0.21229	265	100.4064	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'ALTO (ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	FROM->TO	0.23558	235	115.0428	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19WP	0	G14_017	'ALTO (ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	FROM->TO	0.22289	265	113.3445	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'ALTO (ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	FROM->TO	0.23644	235	112.1293	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14SP	0	G14_017	'ALTO (ETEC) - SLOCUM 138KV CKT 1'	TO->FROM	0.22449	235	126.5984	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'ALTO (ETEC) - SLOCUM 138KV CKT 1'	TO->FROM	0.21229	265	104.2931	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'ALTO (ETEC) - SLOCUM 138KV CKT 1'	TO->FROM	0.23558	235	118.7875	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19WP	0	G14_017	'ALTO (ETEC) - SLOCUM 138KV CKT 1'	TO->FROM	0.22289	265	117.4577	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'ALTO (ETEC) - SLOCUM 138KV CKT 1'	TO->FROM	0.23644	235	116.0868	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14SP	0	G14_017	'APRIL - LAKE FOREST 138KV CKT 1'	FROM->TO	0.20381	204.8	117.1913	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'APRIL - LAKE FOREST 138KV CKT 1'	FROM->TO	0.18885	203.7	119.3539	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'APRIL - LAKE FOREST 138KV CKT 1'	FROM->TO	0.20945	203.9	117.2046	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19WP	0	G14_017	'APRIL - LAKE FOREST 138KV CKT 1'	FROM->TO	0.2009	204.8	112.5851	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'APRIL - LAKE FOREST 138KV CKT 1'	FROM->TO	0.20922	203.8	115.7796	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14SP	0	G14_017	'APRIL - WALDEN 138KV CKT 1'	TO->FROM	0.20381	205.5	125.9892	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'APRIL - WALDEN 138KV CKT 1'	TO->FROM	0.18885	204.7	126.978	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'APRIL - WALDEN 138KV CKT 1'	TO->FROM	0.20945	205.1	126.8553	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19WP	0	G14_017	'APRIL - WALDEN 138KV CKT 1'	TO->FROM	0.2009	205.5	121.35	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'APRIL - WALDEN 138KV CKT 1'	TO->FROM	0.20922	205	125.9312	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14SP	0	G14_017	'CONROE BULK - WOODHAVEN 138KV CKT 1'	TO->FROM	0.20381	189	113.655	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'CONROE BULK - WOODHAVEN 138KV CKT 1'	TO->FROM	0.18885	188.2	117.0159	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'CONROE BULK - WOODHAVEN 138KV CKT 1'	TO->FROM	0.20945	187.8	113.9404	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19WP	0	G14_017	'CONROE BULK - WOODHAVEN 138KV CKT 1'	TO->FROM	0.2009	189.7	110.3713	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'CONROE BULK - WOODHAVEN 138KV CKT 1'	TO->FROM	0.20922	187.3	110.0154	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14SP	0	G14_017	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.87353	788.9	137.6537	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.81373	788.8	133.6252	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.90259	788.8	139.5746	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19WP	0	G14_017	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.86264	789	136.9216	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.90273	788.6	139.5687	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14SP	0	G14_017	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.22449	234.9	141.5948	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.21229	264.9	118.9418	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.23558	235	134.362	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19WP	0	G14_017	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.22289	264.7	133.3446	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.23644	235	132.6825	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14SP	0	G14_017	'CROCKETT (CROCKETT) 345/138/13.8KV TRANSFORMER CKT 1'	FROM->TO	0.22449	329.8	104.1862	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'CROCKETT (CROCKETT) 345/138/13.8KV TRANSFORMER CKT 1'	FROM->TO	0.22449	329.9	104.1244	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19WP	0	G14_017	'CROCKETT (CROCKETT) 345/138/13.8KV TRANSFORMER CKT 1'	FROM->TO	0.22289	329.3	111.4069	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'CROCKETT (CROCKETT) 345/138/13.8KV TRANSFORMER CKT 1'	FROM->TO	0.22289	329.7	111.2414	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14SP	0	G14_017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.13022	111.6	146.7974	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.12066	111.9	146.4592	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.13383	111.7	155.3522	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19WP	0	G14_017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04608	111.7	100.0754	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.12836	111.3	149.4571	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14SP	0	G14_017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.13368	111.8	158.3626	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04533	111.8	109.2924	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04635	111.8	106.2848	'GRIMES - MT. ZION 138KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04658	111.8	105.6777	'T133'
00G14_017NRfgsensitivity	24SP	0	G14_017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04635	111.8	105.122	'Huntsville to Grimes'
00G14_017NRfgsensitivity	24SP	0	G14_017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04635	111.8	104.6748	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04533	111.8	102.9418	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04635	111.8	101.7231	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04533	111.8	101.2423	'T132'
00G14_017NRfgsensitivity	14SP	0	G14_017	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.22449	235	135.9176	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.21229	265	113.5762	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.23558	235	128.4896	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19WP	0	G14_017	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.22289	264.9	127.5059	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.23644	235	126.3846	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14SP	0	G14_017	'GRAPELAND (ETEC) - SLOCUM 138KV CKT 1'	FROM->TO	0.22449	235	132.8112	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'GRAPELAND (ETEC) - SLOCUM 138KV CKT 1'	FROM->TO	0.21229	265	110.746	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'GRAPELAND (ETEC) - SLOCUM 138KV CKT 1'	FROM->TO	0.23558	235	125.2131	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19WP	0	G14_017	'GRAPELAND (ETEC) - SLOCUM 138KV CKT 1'	FROM->TO	0.22289	264.9	124.5236	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'GRAPELAND (ETEC) - SLOCUM 138KV CKT 1'	FROM->TO	0.23644	235	122.8953	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'	FROM->TO	0.10691	206	100.2144	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_017NRfgsensitivity	14SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.2453	206	172.5112	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.0872	206	105.4147	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_017NRfgsensitivity	14SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.0872	206	101.3856	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_017NRfgsensitivity	14SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.0872	206	100.9487	'T132'
00G14_017NRfgsensitivity	14WP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.22733	205.8	172.8391	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07767	205.8	117.0224	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07767	205.8	113.3781	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07767	205.8	112.9894	'T132'
00G14_017NRfgsensitivity	14WP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07767	205.8	108.1789	'APRIL - WALDEN 138KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06756	205.8	106.5132	'T104'
00G14_017NRfgsensitivity	14WP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06756	205.8	106.3188	'Bryan-Grimes'
00G14_017NRfgsensitivity	14WP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07767	205.8	105.312	'APRIL - LAKE FOREST 138KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07767	205.8	103.1254	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06572	205.8	102.2033	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07767	205.8	101.4247	'CONROE BULK - WOODHAVEN 138KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07724	205.8	101.1202	'DIANA - PIRKEY 345KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.27793	205.8	103.0462	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.25209	206	176.3356	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08362	206	115.0814	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08362	206	110.2271	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08362	206	110.13	'T132'
00G14_017NRfgsensitivity	19SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07279	206	104.6895	'T104'
00G14_017NRfgsensitivity	19SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07279	206	104.4953	'Bryan-Grimes'
00G14_017NRfgsensitivity	19SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08395	206	103.9037	'DIANA - PIRKEY 345KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08362	206	103.8193	'APRIL - WALDEN 138KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08362	206	100.2756	'APRIL - LAKE FOREST 138KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07082	206	100.1078	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.27862	206	100.2101	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19WP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.24178	206	169.4263	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.25182	206	175.1501	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08227	206	119.8331	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08227	206	114.4448	'T132'
00G14_017NRfgsensitivity	24SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08227	206	114.2992	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07161	206	108.0284	'T104'
00G14_017NRfgsensitivity	24SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07161	206	107.8342	'Bryan-Grimes'
00G14_017NRfgsensitivity	24SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08222	206	107.9757	'DIANA - PIRKEY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08227	206	107.9399	'APRIL - WALDEN 138KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08227	206	104.2021	'APRIL - LAKE FOREST 138KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06967	206	103.2602	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.0736	206	101.7414	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08227	206	101.5322	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06868	206	100.8225	'Grimes to Navasota'
00G14_017NRfgsensitivity	24SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06868	206	100.8225	'T153'
00G14_017NRfgsensitivity	24SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.0736	206	100.819	'DOBBIN - TUBULAR 138KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06868	206	100.6283	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06858	206	100.5057	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06868	206	100.4827	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'
00G14_017NRfgsensitivity	14WP	2	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.05264	205.9	106.1881	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_017NRfgsensitivity	14WP	2	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.05264	205.9	102.7398	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_017NRfgsensitivity	14WP	2	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.05264	205.9	101.9142	'T132'
00G14_017NRfgsensitivity	19SP	2	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.05673	206	102.377	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_017NRfgsensitivity	24SP	2	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.05551	206	107.2591	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_017NRfgsensitivity	24SP	2	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.05551	206	101.8708	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_017NRfgsensitivity	24SP	2	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.05551	206	101.4824	'T132'
00G14_017NRfgsensitivity	14SP	0	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.16996	518.8	101.7095	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_017NRfgsensitivity	14SP	0	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.32452	518.8	102.7606	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.15139	520.2	108.8009	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_017NRfgsensitivity	14WP	0	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.30072	520.2	101.3801	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.16306	517.6	111.9267	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_017NRfgsensitivity	19SP	0	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.3335	517.6	106.4827	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19WP	0	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.31987	519.8	100.3216	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.16041	516.8	116.8994	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_017NRfgsensitivity	24SP	0	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.33314	516.8	106.8817	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14WP	2	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.10304	520.3	100.6731	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_017NRfgsensitivity	19SP	2	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.11108	517.7	102.2096	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_017NRfgsensitivity	24SP	2	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.10871	517	107.2515	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_017NRfgsensitivity	14SP	0	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.16996	518.8	101.7095	'GRIMES 345/138KV TRANSFORMER CKT 1'
00G14_017NRfgsensitivity	14SP	0	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.32452	518.8	102.7606	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.15139	520.2	108.8009	'GRIMES 345/138KV TRANSFORMER CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.30072	520.2	101.3801	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_017NRfgsensitivity	19SP	0	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.16306	517.6	111.9267	'GRIMES 345/138KV TRANSFORMER CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.33335	517.6	106.4827	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19WP	0	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.31987	519.8	100.3216	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.16041	516.8	116.8994	'GRIMES 345/138KV TRANSFORMER CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.33314	516.8	106.8817	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14WP	2	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.10304	520.3	100.6731	'GRIMES 345/138KV TRANSFORMER CKT 1'
00G14_017NRfgsensitivity	19SP	2	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.11108	517.7	102.2096	'GRIMES 345/138KV TRANSFORMER CKT 1'
00G14_017NRfgsensitivity	24SP	2	G14_017	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.10871	517	107.2515	'GRIMES 345/138KV TRANSFORMER CKT 1'
00G14_017NRfgsensitivity	14SP	0	G14_017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.2453	205.9	160.696	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.22733	205.3	161.8134	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.07767	205.3	105.812	'ABENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.07767	205.3	102.2075	'ABENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.07767	205.3	101.7692	'T132'
00G14_017NRfgsensitivity	19SP	0	G14_017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.25209	205.7	164.0989	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08362	205.7	102.7553	'ABENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_017NRfgsensitivity	19WP	0	G14_017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.24178	205.9	158.4352	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.25182	205.5	162.7782	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08227	205.5	107.3753	'ABENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08227	205.5	101.9739	'T132'
00G14_017NRfgsensitivity	24SP	0	G14_017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08227	205.5	101.7792	'ABENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_017NRfgsensitivity	14SP	0	G14_017	'HUNTSVILLE - LINE 558/91 TAP 138KV CKT 1'	FROM->TO	0.11507	141.2	105.1288	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'HUNTSVILLE - LINE 558/91 TAP 138KV CKT 1'	FROM->TO	0.10669	139.3	110.2122	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'HUNTSVILLE - LINE 558/91 TAP 138KV CKT 1'	FROM->TO	0.11823	140.5	112.6742	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19WP	0	G14_017	'HUNTSVILLE - LINE 558/91 TAP 138KV CKT 1'	FROM->TO	0.11338	140.7	110.9106	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'HUNTSVILLE - LINE 558/91 TAP 138KV CKT 1'	FROM->TO	0.11812	140.6	111.2726	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14SP	0	G14_017	'JACKSONVILLE (SWE-RC-ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	TO->FROM	0.22449	235	119.0239	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'JACKSONVILLE (SWE-RC-ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	TO->FROM	0.23558	235	111.0003	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19WP	0	G14_017	'JACKSONVILLE (SWE-RC-ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	TO->FROM	0.22289	264.9	108.4421	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'JACKSONVILLE (SWE-RC-ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	TO->FROM	0.23644	235	107.8314	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14SP	0	G14_017	'LAKE FOREST - WOODHAVEN 138KV CKT 1'	FROM->TO	0.20381	204.4	109.7397	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'LAKE FOREST - WOODHAVEN 138KV CKT 1'	FROM->TO	0.18885	203.5	113.083	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'LAKE FOREST - WOODHAVEN 138KV CKT 1'	FROM->TO	0.20945	203.4	111.003	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19WP	0	G14_017	'LAKE FOREST - WOODHAVEN 138KV CKT 1'	FROM->TO	0.2009	204.7	106.9244	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'LAKE FOREST - WOODHAVEN 138KV CKT 1'	FROM->TO	0.20922	203.1	108.3993	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14SP	0	G14_017	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.59925	981.9	119.7988	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_017NRfgsensitivity	14WP	0	G14_017	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.55001	981.7	109.8966	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_017NRfgsensitivity	19SP	0	G14_017	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.62839	982.8	126.1764	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_017NRfgsensitivity	19WP	0	G14_017	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.58903	982.5	124.7246	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_017NRfgsensitivity	24SP	0	G14_017	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.61287	983.5	133.9281	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_017NRfgsensitivity	24SP	2	G14_017	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.29789	983.4	102.5511	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_017NRfgsensitivity	14SP	0	G14_017	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.60154	979.1	120.6017	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.55211	978.8	110.6418	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.6308	980.5	126.9589	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_017NRfgsensitivity	19WP	0	G14_017	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.59129	979.9	125.5342	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.61522	981.7	134.6869	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.46405	981.7	101.2279	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	2	G14_017	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.30116	981.5	103.8728	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_017NRfgsensitivity	14SP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.2453	206	169.2103	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14SP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.0872	206	102.1138	'ABENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.22733	205.8	169.292	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.07767	205.8	113.4267	'ABENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.07767	205.8	109.8309	'ABENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.07767	205.8	109.3936	'T132'
00G14_017NRfgsensitivity	14WP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.07767	205.8	104.5831	'APRIL - WALDEN 138KV CKT 1'
00G14_017NRfgsensitivity	14WP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.06756	205.8	102.9175	'T104'
00G14_017NRfgsensitivity	14WP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.06756	205.8	102.7717	'Bryan-Grimes'
00G14_017NRfgsensitivity	14WP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.07767	205.8	101.7649	'APRIL - LAKE FOREST 138KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.25209	206	172.5493	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08362	206	111.295	'ABENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08362	206	106.4407	'ABENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08362	206	106.3921	'T132'
00G14_017NRfgsensitivity	19SP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.07279	206	100.9031	'T104'
00G14_017NRfgsensitivity	19SP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.07279	206	100.7089	'Bryan-Grimes'
00G14_017NRfgsensitivity	19SP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08395	206	100.1659	'DIANA - PIRKEY 345KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08362	206	100.0814	'APRIL - WALDEN 138KV CKT 1'
00G14_017NRfgsensitivity	19WP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.24178	206	165.9796	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.25182	205.9	170.7184	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08227	205.9	115.3746	'ABENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08227	205.9	110.0322	'T132'
00G14_017NRfgsensitivity	24SP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08227	205.9	109.8379	'ABENTWATER 138.00 - WALDEN 138KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_017NRfgsensitivity	24SP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.07161	205.9	103.5641	'T104'
00G14_017NRfgsensitivity	24SP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.07161	205.9	103.4184	'Bryan-Grimes'
00G14_017NRfgsensitivity	24SP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08222	205.9	103.5114	'DIANA - PIRKEY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08227	205.9	103.4756	'APRIL - WALDEN 138KV CKT 1'
00G14_017NRfgsensitivity	14WP	2	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.05264	205.9	102.6427	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_017NRfgsensitivity	24SP	2	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.05551	206	102.7445	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'PIRKEY - SABINE MINING CO. T 138KV CKT 1'	FROM->TO	0.12563	339.3	102.8314	'DIANA - PIRKEY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'PIRKEY - SABINE MINING CO. T 138KV CKT 1'	FROM->TO	0.12404	339.4	102.4953	'DIANA - PIRKEY 345KV CKT 1'
00G14_017NR	24SP	0	G14_017	'RUSSELLVILLE EAST - RUSSELLVILLE NORTH 161KV CKT 1'	TO->FROM	0.0309	395.4	100.9065	'ARKANSAS NUCLEAR ONE - FT SMITH 500KV CKT 1'
00G14_017NRfgsensitivity	14SP	0	G14_017	'SABINE MINING CO. T - SOUTHEAST MARSHALL 138KV CKT 1'	FROM->TO	0.12593	271.1	101.3888	'DIANA - PIRKEY 345KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'SABINE MINING CO. T - SOUTHEAST MARSHALL 138KV CKT 1'	FROM->TO	0.12563	271	124.3199	'DIANA - PIRKEY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'SABINE MINING CO. T - SOUTHEAST MARSHALL 138KV CKT 1'	FROM->TO	0.12404	271.1	123.9281	'DIANA - PIRKEY 345KV CKT 1'
00G14_017NRfgsensitivity	19SP	0	G14_017	'SCOTTSVILLE - SOUTHEAST MARSHALL 138KV CKT 1'	TO->FROM	0.12563	269.7	105.6756	'DIANA - PIRKEY 345KV CKT 1'
00G14_017NRfgsensitivity	24SP	0	G14_017	'SCOTTSVILLE - SOUTHEAST MARSHALL 138KV CKT 1'	TO->FROM	0.12404	270	104.47	'DIANA - PIRKEY 345KV CKT 1'
00G14_018NR	14SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.23361	204.9	116.2563	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	14SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.23361	204.9	116.2563	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	14WP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.23235	205.8	116.7913	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	14WP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.23235	205.8	116.7428	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.23224	205.3	119.1785	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.23224	205.3	119.1298	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	19WP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.23325	205.1	112.0609	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	19WP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.23325	205.1	112.0609	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.23195	205.2	120.5917	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.23195	205.2	120.4943	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.20381	205.8	177.0556	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07523	205.8	106.9844	'GRIMES - MT. ZION 138KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07541	205.8	106.6618	'T133'
00G14_018NRfgsensitivity	14SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07523	205.8	106.3041	'Huntsville to Grimes'
00G14_018NRfgsensitivity	14SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.23231	205.8	118.8661	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07523	205.8	106.0126	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07523	205.8	103.6316	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.18885	206	172.4615	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06698	206	113.7558	'GRIMES - MT. ZION 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06714	206	113.3776	'T133'
00G14_018NRfgsensitivity	14WP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06698	206	113.1247	'Huntsville to Grimes'
00G14_018NRfgsensitivity	14WP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06698	206	112.7849	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06698	206	110.5519	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.23085	206	119.1857	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.02945	205.9	182.003	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.0721	205.9	115.7395	'GRIMES - MT. ZION 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07227	205.9	115.2191	'T133'
00G14_018NRfgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.0721	205.9	115.011	'Huntsville to Grimes'
00G14_018NRfgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.0721	205.9	114.671	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.0721	205.9	112.2427	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.23148	205.9	121.2234	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06983	205.9	106.3096	'DIANA - PIRKEY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.05027	205.9	100.9248	'CHINA PORTER SERIES - CHINA PORTER SERIES CAP 230KV CKT 2'
00G14_018NRfgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.05027	205.9	100.9248	'CHINA - CHINA PORTER SERIES CAP 230KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.05413	205.9	100.9336	'4CANEYCREEK 138.00 - LEWIS CREEK SWITCHYARD 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.05027	205.9	100.7791	'CHINA PORTER SERIES - PORTER 230KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.05027	205.9	100.7791	'PORTER (PORTER) 230/138/13.8KV TRANSFORMER CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.05027	205.9	100.6819	'China to Porter'
00G14_018NRfgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06279	205.9	100.7136	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.05397	205.9	100.5349	'SABINE 230/24.0KV TRANSFORMER CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.2009	205.9	172.2586	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.23196	205.9	114.7944	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.20922	205.9	182.987	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07093	205.9	121.0894	'GRIMES - MT. ZION 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07109	205.9	120.5653	'T133'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07093	205.9	120.3609	'Huntsville to Grimes'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07093	205.9	119.8267	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07093	205.9	117.544	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06838	205.9	111.5082	'DIANA - PIRKEY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.04945	205.9	106.4518	'CHINA PORTER SERIES - CHINA PORTER SERIES CAP 230KV CKT 2'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.04945	205.9	106.4518	'CHINA - CHINA PORTER SERIES CAP 230KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.04945	205.9	106.2575	'CHINA PORTER SERIES - PORTER 230KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.04945	205.9	106.2575	'PORTER (PORTER) 230/138/13.8KV TRANSFORMER CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.04945	205.9	106.1604	'China to Porter'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.05325	205.9	105.7586	'4CANEYCREEK 138.00 - LEWIS CREEK SWITCHYARD 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06177	205.9	106.2643	'NAVSOTA - TUBULAR 138KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_018NRfgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.23122	205.9	122.1478	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.05309	205.9	105.0199	'SABINE 230/24.0KV TRANSFORMER CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06177	205.9	105.4872	'DOBBIN - TUBULAR 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.05325	205.9	104.6416	'4CANEYCREEK 138.00 - CONAIR 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.05681	205.9	103.666	'T104'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.05309	205.9	103.3686	'SABINE 230/22.0KV TRANSFORMER CKT 1'
00G14_018NRfgsensitivity	14WP	2	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.04537	206	102.1358	'GRIMES - MT. ZION 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	2	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.04548	206	101.6422	'T133'
00G14_018NRfgsensitivity	14WP	2	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.04537	206	101.4076	'Huntsville to Grimes'
00G14_018NRfgsensitivity	14WP	2	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.04537	206	101.1649	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	2	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.04887	205.9	102.3049	'GRIMES - MT. ZION 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	2	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.04899	205.9	101.7176	'T133'
00G14_018NRfgsensitivity	19SP	2	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.04887	205.9	101.5278	'Huntsville to Grimes'
00G14_018NRfgsensitivity	19SP	2	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.04887	205.9	101.285	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	2	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.04782	205.9	107.796	'GRIMES - MT. ZION 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	2	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.04793	205.9	107.205	'T133'
00G14_018NRfgsensitivity	24SP	2	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.04782	205.9	106.9703	'Huntsville to Grimes'
00G14_018NRfgsensitivity	24SP	2	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.04782	205.9	106.5818	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	2	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.04782	205.9	104.3963	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14_018NR	14SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.23361	205.5	104.4327	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	14SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.23361	205.5	104.384	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	14WP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.23235	206	106.5323	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	14WP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.23235	206	106.4352	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	19SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.23224	205.8	104.992	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	19SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.23224	205.8	104.8948	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	24SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.23195	205.8	104.3995	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	24SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.23195	205.8	104.3023	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.20381	206	165.2817	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.23231	206	107.1487	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.18885	205.8	162.2792	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.06698	205.8	103.565	'GRIMES - MT. ZION 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.06714	205.8	103.1865	'T133'
00G14_018NRfgsensitivity	14WP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.06698	205.8	102.8848	'Huntsville to Grimes'
00G14_018NRfgsensitivity	14WP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.23085	205.8	109.0003	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.06698	205.8	102.5446	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.06698	205.8	100.358	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.20945	206	167.8855	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.23148	206	107.1354	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.0721	206	101.6542	'GRIMES - MT. ZION 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.07227	206	101.134	'T133'
00G14_018NRfgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.0721	206	100.926	'Huntsville to Grimes'
00G14_018NRfgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.0721	206	100.5862	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.2009	206	159.6992	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.23196	206	102.3115	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.20922	206	166.9273	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.07093	206	105.0597	'GRIMES - MT. ZION 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.07109	206	104.5359	'T133'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.07093	206	104.3316	'Huntsville to Grimes'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.07093	206	103.7976	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.23122	206	106.1176	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.07093	206	101.5161	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'4FISHCRK - 4SPRINGBRNCH138.00 138KV CKT 1'	TO->FROM	0.13022	112	136.3806	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'4FISHCRK - 4SPRINGBRNCH138.00 138KV CKT 1'	TO->FROM	0.12066	112	138.6776	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'4FISHCRK - 4SPRINGBRNCH138.00 138KV CKT 1'	TO->FROM	0.13383	111.7	128.6262	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'4FISHCRK - 4SPRINGBRNCH138.00 138KV CKT 1'	TO->FROM	0.12835	111.9	125.8625	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4FISHCRK - 4SPRINGBRNCH138.00 138KV CKT 1'	TO->FROM	0.13368	111.5	124.2709	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'4FISHCRK - LONGMIRE 138KV CKT 1'	FROM->TO	0.13022	112	127.3628	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'4FISHCRK - LONGMIRE 138KV CKT 1'	FROM->TO	0.12066	112	133.3205	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'4FISHCRK - LONGMIRE 138KV CKT 1'	FROM->TO	0.13383	111.7	119.047	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'4FISHCRK - LONGMIRE 138KV CKT 1'	FROM->TO	0.12836	111.9	114.0663	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4FISHCRK - LONGMIRE 138KV CKT 1'	FROM->TO	0.13368	111.4	112.8924	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'4SPRINGBRNCH138.00 - DOBBIN 138KV CKT 1'	TO->FROM	0.13022	112	149.8628	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'4SPRINGBRNCH138.00 - DOBBIN 138KV CKT 1'	TO->FROM	0.12066	112	148.2312	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'4SPRINGBRNCH138.00 - DOBBIN 138KV CKT 1'	TO->FROM	0.13383	111.9	151.6313	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'4SPRINGBRNCH138.00 - DOBBIN 138KV CKT 1'	TO->FROM	0.12836	111.9	147.489	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'4SPRINGBRNCH138.00 - DOBBIN 138KV CKT 1'	TO->FROM	0.13368	111.9	151.8875	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'ALTO (ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	FROM->TO	0.22449	235	144.8998	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'ALTO (ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	FROM->TO	0.21229	265	118.7514	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'ALTO (ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	FROM->TO	0.23558	235	137.9993	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'ALTO (ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	FROM->TO	0.22289	265	132.6056	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_018NRfgsensitivity	24SP	0	G14_018	'ALTO (ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	FROM->TO	0.23644	235	135.1696	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'ALTO (ETEC) - SLOCUM 138KV CKT 1'	TO->FROM	0.22449	235	148.4742	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'ALTO (ETEC) - SLOCUM 138KV CKT 1'	TO->FROM	0.21229	265	122.6382	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'ALTO (ETEC) - SLOCUM 138KV CKT 1'	TO->FROM	0.23558	235	141.744	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'ALTO (ETEC) - SLOCUM 138KV CKT 1'	TO->FROM	0.22289	265	136.7188	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'ALTO (ETEC) - SLOCUM 138KV CKT 1'	TO->FROM	0.23644	235	139.1271	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'APRIL - LAKE FOREST 138KV CKT 1'	FROM->TO	0.20381	204.8	139.9806	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'APRIL - LAKE FOREST 138KV CKT 1'	FROM->TO	0.18885	203.7	140.5845	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'APRIL - LAKE FOREST 138KV CKT 1'	FROM->TO	0.20945	203.9	140.7279	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'APRIL - LAKE FOREST 138KV CKT 1'	FROM->TO	0.2009	204.8	135.049	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'APRIL - LAKE FOREST 138KV CKT 1'	FROM->TO	0.20922	203.8	139.2887	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'APRIL - WALDEN 138KV CKT 1'	TO->FROM	0.20381	205.5	148.7009	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'APRIL - WALDEN 138KV CKT 1'	TO->FROM	0.18885	204.7	148.1048	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'APRIL - WALDEN 138KV CKT 1'	TO->FROM	0.20945	205.1	150.241	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'APRIL - WALDEN 138KV CKT 1'	TO->FROM	0.2009	205.5	143.7374	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'APRIL - WALDEN 138KV CKT 1'	TO->FROM	0.20922	205	149.3026	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'	TO->FROM	0.09844	205.8	103.8973	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'	TO->FROM	0.09833	205.8	103.9055	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'CONROE BULK - WOODHAVEN 138KV CKT 1'	TO->FROM	0.20381	189	138.3494	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'CONROE BULK - WOODHAVEN 138KV CKT 1'	TO->FROM	0.18885	188.2	139.995	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'CONROE BULK - WOODHAVEN 138KV CKT 1'	TO->FROM	0.20945	187.8	139.4804	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'CONROE BULK - WOODHAVEN 138KV CKT 1'	TO->FROM	0.2009	189.7	134.6233	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'CONROE BULK - WOODHAVEN 138KV CKT 1'	TO->FROM	0.20922	187.3	135.5955	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.87353	788.9	163.0103	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.81373	788.8	157.249	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.90259	788.8	165.7781	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.86264	789	161.9589	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'	TO->FROM	0.90273	788.6	165.7829	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	14SP	0	G14_018	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.25608	235	111.956	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	14SP	0	G14_018	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.25608	235	111.9134	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	19SP	0	G14_018	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.26042	235	102.5011	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	19SP	0	G14_018	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.26042	235	102.416	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	19WP	0	G14_018	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.25722	264.8	107.8015	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	19WP	0	G14_018	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.25722	264.8	107.7637	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	24SP	0	G14_018	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.26133	235	100.496	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	24SP	0	G14_018	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.26133	235	100.4108	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.22449	234.9	163.48	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.21229	264.9	137.2938	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.23558	235	157.3185	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.22289	264.7	152.6274	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'CROCKETT - LATEXO (ETEC) 138KV CKT 1'	FROM->TO	0.23644	235	155.7228	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'CROCKETT (CROCKETT) 345/138/13.8KV TRANSFORMER CKT 1'	FROM->TO	0.22449	329.8	119.7739	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'CROCKETT (CROCKETT) 345/138/13.8KV TRANSFORMER CKT 1'	FROM->TO	0.22449	329.9	119.7073	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'CROCKETT (CROCKETT) 345/138/13.8KV TRANSFORMER CKT 1'	FROM->TO	0.21229	329.7	114.2831	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'CROCKETT (CROCKETT) 345/138/13.8KV TRANSFORMER CKT 1'	FROM->TO	0.21229	329.9	114.1835	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'CROCKETT (CROCKETT) 345/138/13.8KV TRANSFORMER CKT 1'	FROM->TO	0.23558	329.9	115.6103	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'CROCKETT (CROCKETT) 345/138/13.8KV TRANSFORMER CKT 1'	FROM->TO	0.23558	330	115.545	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'CROCKETT (CROCKETT) 345/138/13.8KV TRANSFORMER CKT 1'	FROM->TO	0.22289	329.3	126.907	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'CROCKETT (CROCKETT) 345/138/13.8KV TRANSFORMER CKT 1'	FROM->TO	0.22289	329.7	126.7227	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'CROCKETT (CROCKETT) 345/138/13.8KV TRANSFORMER CKT 1'	FROM->TO	0.23644	329.9	114.7162	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'CROCKETT (CROCKETT) 345/138/13.8KV TRANSFORMER CKT 1'	FROM->TO	0.23644	330	114.6511	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	14SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14926	110.3	103.0286	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	14SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14926	110.3	103.0286	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	14WP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14846	111.1	106.9629	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	14WP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14846	111.1	106.8729	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	19SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14839	110.5	110.3012	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	19SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14839	110.5	110.2107	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	19WP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14904	109.8	106.5339	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	19WP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14904	109.8	106.5339	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14821	110.6	113.6951	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14821	110.6	113.6047	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.13022	111.6	173.5182	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14843	111.6	104.94	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.12066	111.9	171.1519	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04282	111.9	105.3368	'ABENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04378	111.9	105.0024	'GRIMES - MT. ZION 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04399	111.9	104.6081	'T133'
00G14_018NRfgsensitivity	14WP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04378	111.9	103.93	'Huntsville to Grimes'
00G14_018NRfgsensitivity	14WP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04378	111.9	103.6619	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.1475	111.9	108.4987	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_018NRfgsensitivity	14WP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04282	111.9	101.226	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04378	111.9	100.8916	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.13383	111.7	182.7892	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04608	111.7	109.5224	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04712	111.7	107.5405	'GRIMES - MT. ZION 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04735	111.7	106.8904	'T133'
00G14_018NRfgsensitivity	19SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04712	111.7	106.3767	'Huntsville to Grimes'
00G14_018NRfgsensitivity	19SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04712	111.7	106.1976	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04608	111.7	103.9718	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14791	111.7	111.2086	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04712	111.7	103.0642	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04608	111.7	102.1813	'T132'
00G14_018NRfgsensitivity	19WP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.12836	111.3	175.8672	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14821	111.3	107.9486	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.13368	111.8	185.7442	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04533	111.8	118.5774	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04635	111.8	115.7787	'GRIMES - MT. ZION 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04658	111.8	115.2187	'T133'
00G14_018NRfgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04635	111.8	114.6159	'Huntsville to Grimes'
00G14_018NRfgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04635	111.8	114.1687	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04533	111.8	112.2267	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04635	111.8	111.217	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04533	111.8	110.5273	'T132'
00G14_018NRfgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04533	111.8	104.9816	'APRIL - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14774	111.8	114.2142	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04369	111.8	101.6365	'DIANA - PIRKEY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04533	111.8	100.6883	'APRIL - LAKE FOREST 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	2	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.03061	111.6	103.1731	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	2	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.03125	111.6	100.0224	'GRIMES - MT. ZION 138KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'EASTON REC - KNOX LEE 138KV CKT 1'	FROM->TO	0.12138	546.9	103.1749	'DIANA - PIRKEY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'EASTON REC - PIRKEY 138KV CKT 1'	TO->FROM	0.12138	552.9	103.0862	'DIANA - PIRKEY 345KV CKT 1'
00G14_018NR	14SP	0	G14_018	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.25608	235	106.424	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	14SP	0	G14_018	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.25608	235	106.3815	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	19WP	0	G14_018	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.25722	264.9	102.136	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	19WP	0	G14_018	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.25722	264.9	102.0983	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.22449	235	157.7934	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.21229	265	131.9212	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.23558	235	151.4462	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.22289	264.9	146.7742	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'GRAPELAND (ETEC) - LATEXO (ETEC) 138KV CKT 1'	TO->FROM	0.23644	235	149.4249	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	14SP	0	G14_018	'GRAPELAND (ETEC) - SLOCUM 138KV CKT 1'	FROM->TO	0.25608	235	103.3177	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	14SP	0	G14_018	'GRAPELAND (ETEC) - SLOCUM 138KV CKT 1'	FROM->TO	0.25608	235	103.2751	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'GRAPELAND (ETEC) - SLOCUM 138KV CKT 1'	FROM->TO	0.22449	235	154.687	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'GRAPELAND (ETEC) - SLOCUM 138KV CKT 1'	FROM->TO	0.21229	265	129.091	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'GRAPELAND (ETEC) - SLOCUM 138KV CKT 1'	FROM->TO	0.23558	235	148.1696	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'GRAPELAND (ETEC) - SLOCUM 138KV CKT 1'	FROM->TO	0.22289	264.9	143.7919	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'GRAPELAND (ETEC) - SLOCUM 138KV CKT 1'	FROM->TO	0.23644	235	145.9356	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'	FROM->TO	0.10415	206	106.6201	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'	FROM->TO	0.09651	205.8	104.0144	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'	FROM->TO	0.10703	206	111.2693	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'	FROM->TO	0.10266	206	104.8111	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'	FROM->TO	0.10691	206	112.099	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'	FROM->TO	0.0413	206	102.0984	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14_018NR	14SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.28116	205.4	125.9284	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	14SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.28116	205.4	125.8797	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	14WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.2797	205.9	130.6232	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	14WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.2797	205.9	130.5747	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.27952	205.7	127.913	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.27952	205.7	127.8158	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	19WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.28072	205.5	123.3695	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	19WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.28072	205.5	123.3695	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.27918	205.8	126.8513	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.27918	205.8	126.7542	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09049	205.8	100.0537	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.2453	206	199.78	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.0872	206	115.1083	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.0872	206	111.0792	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.0872	206	110.6423	'T132'
00G14_018NRfgsensitivity	14SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.27963	206	129.7574	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.0872	206	105.1569	'APRIL - WALDEN 138KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_018NRfgsensitivity	14SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07582	206	104.4757	'T104'
00G14_018NRfgsensitivity	14SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07582	206	104.3301	'Bryan-Grimes'
00G14_018NRfgsensitivity	14SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08656	206	102.0094	'DIANA - PIRKEY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.0872	206	101.953	'APRIL - LAKE FOREST 138KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07376	206	100.1275	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.22733	205.8	198.1348	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07767	205.8	125.665	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07767	205.8	122.0207	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07767	205.8	121.6319	'T132'
00G14_018NRfgsensitivity	14WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07767	205.8	116.8214	'APRIL - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06756	205.8	114.0308	'T104'
00G14_018NRfgsensitivity	14WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06756	205.8	113.8364	'Bryan-Grimes'
00G14_018NRfgsensitivity	14WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07767	205.8	113.9546	'APRIL - LAKE FOREST 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07767	205.8	111.768	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06572	205.8	109.5162	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07767	205.8	110.0673	'CONROE BULK - WOODHAVEN 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07724	205.8	109.715	'DIANA - PIRKEY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.27793	205.8	133.9723	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06945	205.8	107.2421	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06479	205.8	106.2591	'T153'
00G14_018NRfgsensitivity	14WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06479	205.8	106.2591	'Grimes to Navasota'
00G14_018NRfgsensitivity	14WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.0647	205.8	106.1775	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06479	205.8	106.0648	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06479	205.8	105.9676	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06945	205.8	106.3674	'DOBBIN - TUBULAR 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.25209	206	204.3593	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08362	206	124.377	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08362	206	119.5227	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08362	206	119.4256	'T132'
00G14_018NRfgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07279	206	112.7812	'T104'
00G14_018NRfgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07279	206	112.587	'Bryan-Grimes'
00G14_018NRfgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08395	206	113.236	'DIANA - PIRKEY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08362	206	113.1149	'APRIL - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08362	206	109.5712	'APRIL - LAKE FOREST 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07082	206	107.9805	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.27862	206	131.1829	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08362	206	107.3382	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07481	206	105.6584	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06981	206	104.8914	'T153'
00G14_018NRfgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06981	206	104.8914	'Grimes to Navasota'
00G14_018NRfgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06971	206	104.7577	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06981	206	104.7458	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06981	206	104.6002	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07481	206	104.7846	'DOBBIN - TUBULAR 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08362	206	105.3479	'CONROE BULK - WOODHAVEN 138KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.24178	206	196.3037	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.27919	206	127.1688	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08233	206	107.8842	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08233	206	103.5638	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08233	206	103.5153	'T132'
00G14_018NRfgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.25182	206	203.1436	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08227	206	128.9787	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08227	206	123.5903	'T132'
00G14_018NRfgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08227	206	123.4447	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07161	206	115.9889	'T104'
00G14_018NRfgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07161	206	115.7947	'Bryan-Grimes'
00G14_018NRfgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08222	206	117.1157	'DIANA - PIRKEY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08227	206	117.0855	'APRIL - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08227	206	113.3476	'APRIL - LAKE FOREST 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06967	206	111.0051	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.0736	206	109.9231	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08227	206	110.6777	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06868	206	108.4573	'T153'
00G14_018NRfgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06868	206	108.4573	'Grimes to Navasota'
00G14_018NRfgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.0736	206	109.0008	'DOBBIN - TUBULAR 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06868	206	108.2631	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06858	206	108.1294	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06868	206	108.1175	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06382	206	107.0621	'SABINE 230/24.0KV TRANSFORMER CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.27831	206	129.9526	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_018NRfgsensitivity	14SP	2	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.06111	206	100.4365	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	2	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.05264	205.9	112.0427	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	2	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.05264	205.9	108.5944	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	2	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.05264	205.9	107.7688	'T132'
00G14_018NRfgsensitivity	14WP	2	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.05264	205.9	103.5434	'APRIL - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	2	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.04603	205.9	102.6706	'T104'
00G14_018NRfgsensitivity	14WP	2	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.04603	205.9	102.5249	'Bryan-Grimes'
00G14_018NRfgsensitivity	14WP	2	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.05264	205.9	100.7751	'APRIL - LAKE FOREST 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	2	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.05673	206	108.6834	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	2	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.05673	206	103.9747	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	2	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.05673	206	103.4407	'T132'
00G14_018NRfgsensitivity	24SP	2	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.05551	206	113.4299	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	2	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.05551	206	108.0415	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	2	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.05551	206	107.6532	'T132'
00G14_018NRfgsensitivity	24SP	2	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.04859	206	102.9292	'T104'
00G14_018NRfgsensitivity	24SP	2	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.04859	206	102.735	'Bryan-Grimes'
00G14_018NRfgsensitivity	24SP	2	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.05551	206	101.925	'APRIL - WALDEN 138KV CKT 1'
00G14_018NR	24SP	0	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.17643	517.6	100.2282	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_018NRfgsensitivity	14SP	0	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.16996	518.8	109.2116	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_018NRfgsensitivity	14SP	0	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.32452	518.8	117.085	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.15139	520.2	115.4654	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_018NRfgsensitivity	14WP	0	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.30072	520.2	114.6183	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.16306	517.6	119.1409	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_018NRfgsensitivity	19SP	0	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.3335	517.6	121.2376	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.31987	519.8	114.4136	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.16053	519.8	102.7435	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_018NRfgsensitivity	24SP	0	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.16041	516.8	124.0073	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_018NRfgsensitivity	24SP	0	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.33314	516.8	121.6435	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	2	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.10304	520.3	105.2082	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_018NRfgsensitivity	19SP	2	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.11108	517.7	107.1231	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_018NRfgsensitivity	24SP	2	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 1'	FROM->TO	0.10871	517	112.0667	'GRIMES 345/138KV TRANSFORMER CKT 2'
00G14_018NR	24SP	0	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.17643	517.6	100.2282	'GRIMES 345/138KV TRANSFORMER CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.16996	518.8	109.2116	'GRIMES 345/138KV TRANSFORMER CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.32452	518.8	117.085	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.15139	520.2	115.4654	'GRIMES 345/138KV TRANSFORMER CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.30072	520.2	114.6183	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.16306	517.6	119.1409	'GRIMES 345/138KV TRANSFORMER CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.3335	517.6	121.2376	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.31987	519.8	114.4136	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.16053	519.8	102.7435	'GRIMES 345/138KV TRANSFORMER CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.16041	516.8	124.0073	'GRIMES 345/138KV TRANSFORMER CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.33314	516.8	121.6435	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	2	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.10304	520.3	105.2082	'GRIMES 345/138KV TRANSFORMER CKT 1'
00G14_018NRfgsensitivity	19SP	2	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.11108	517.7	107.1231	'GRIMES 345/138KV TRANSFORMER CKT 1'
00G14_018NRfgsensitivity	24SP	2	G14_018	'GRIMES 345/138KV TRANSFORMER CKT 2'	FROM->TO	0.10871	517	112.0667	'GRIMES 345/138KV TRANSFORMER CKT 1'
00G14_018NR	14SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.28116	205.7	114.1259	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	14SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.28116	205.7	114.1259	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	14WP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.2797	206	119.5404	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	14WP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.2797	206	119.4433	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.27952	205.9	115.647	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.27952	205.9	115.5984	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	19WP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.28072	205.7	112.4571	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	19WP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.28072	205.7	112.4085	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.27918	206	114.3981	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.27918	206	114.2525	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.2453	205.9	187.9781	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.27963	205.9	117.9215	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.0872	205.9	103.2653	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.22733	205.3	187.1707	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.07767	205.3	114.4757	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.07767	205.3	110.8712	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.07767	205.3	110.4328	'T132'
00G14_018NRfgsensitivity	14WP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.27793	205.3	122.8032	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.07767	205.3	105.6593	'APRIL - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.06756	205.3	102.8131	'T104'
00G14_018NRfgsensitivity	14WP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.06756	205.3	102.667	'Bryan-Grimes'
00G14_018NRfgsensitivity	14WP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.07767	205.3	102.7854	'APRIL - LAKE FOREST 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.07767	205.3	100.5935	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.25209	205.7	192.1634	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08362	205.7	112.0645	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_018NRfgsensitivity	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08362	205.7	107.2031	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08362	205.7	107.1059	'T132'
00G14_018NRfgsensitivity	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.27862	205.7	118.8803	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08395	205.7	100.9073	'DIANA - PIRKEY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08362	205.7	100.8346	'APRIL - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.07279	205.7	100.4517	'T104'
00G14_018NRfgsensitivity	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.07279	205.7	100.2573	'Bryan-Grimes'
00G14_018NRfgsensitivity	19WP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.24178	205.9	185.3257	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.27919	205.9	116.1572	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.25182	205.5	190.8398	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08227	205.5	116.5431	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08227	205.5	111.1417	'T132'
00G14_018NRfgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08227	205.5	110.947	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.27831	205.5	117.4707	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08222	205.5	104.6512	'DIANA - PIRKEY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08227	205.5	104.5723	'APRIL - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.07161	205.5	103.5217	'T104'
00G14_018NRfgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.07161	205.5	103.3271	'Bryan-Grimes'
00G14_018NRfgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08227	205.5	100.8254	'APRIL - LAKE FOREST 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	2	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.05264	205.5	100.8739	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	2	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.05551	205.7	100.9069	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'HUNTSVILLE - LINE 558/91 TAP 138KV CKT 1'	FROM->TO	0.11507	141.2	123.791	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'HUNTSVILLE - LINE 558/91 TAP 138KV CKT 1'	FROM->TO	0.10669	139.3	127.7514	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'HUNTSVILLE - LINE 558/91 TAP 138KV CKT 1'	FROM->TO	0.11823	140.5	131.9444	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'HUNTSVILLE - LINE 558/91 TAP 138KV CKT 1'	FROM->TO	0.11338	140.7	129.3641	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558/91 TAP 138KV CKT 1'	FROM->TO	0.11812	140.6	130.5112	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'JACKSONVILLE (SWE-RC-ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	TO->FROM	0.22449	235	140.8998	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'JACKSONVILLE (SWE-RC-ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	TO->FROM	0.21229	264.9	114.2285	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'JACKSONVILLE (SWE-RC-ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	TO->FROM	0.23558	235	133.9568	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'JACKSONVILLE (SWE-RC-ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	TO->FROM	0.22289	264.9	127.7104	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'JACKSONVILLE (SWE-RC-ETEC) - PINE GROVE (ETEC) 138KV CKT 1'	TO->FROM	0.23644	235	130.8718	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'LAKE FOREST - WOODHAVEN 138KV CKT 1'	FROM->TO	0.20381	204.4	132.5736	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'LAKE FOREST - WOODHAVEN 138KV CKT 1'	FROM->TO	0.18885	203.5	134.3344	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'LAKE FOREST - WOODHAVEN 138KV CKT 1'	FROM->TO	0.20945	203.4	134.5842	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'LAKE FOREST - WOODHAVEN 138KV CKT 1'	FROM->TO	0.2009	204.7	129.3993	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'LAKE FOREST - WOODHAVEN 138KV CKT 1'	FROM->TO	0.20922	203.1	131.9893	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.59925	981.9	133.7746	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_018NRfgsensitivity	14WP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.55001	981.7	122.7267	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_018NRfgsensitivity	19SP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.62839	982.8	140.8184	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_018NRfgsensitivity	19WP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.58903	982.5	138.4536	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_018NRfgsensitivity	24SP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.61287	983.5	148.1982	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_018NRfgsensitivity	19SP	2	G14_018	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.31151	982.9	101.9129	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_018NRfgsensitivity	19WP	2	G14_018	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.28051	982.2	100.0983	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_018NRfgsensitivity	24SP	2	G14_018	'LEBROCK - PIRKEY 345KV CKT 1'	FROM->TO	0.29789	983.4	109.488	'LEBROCK - PIRKEY 345KV CKT 2'
00G14_018NRfgsensitivity	14SP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.60154	979.1	134.6711	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.55211	978.8	123.559	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.6308	980.5	141.6915	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.4743	980.5	106.1367	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.59129	979.9	139.3525	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.44888	979.9	101.4546	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.61522	981.7	149.038	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.46405	981.7	112.0527	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.42916	981.7	101.0945	'CROCKETT - GRIMES 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	2	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.31492	980.7	103.2609	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	2	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.28359	979.5	101.4797	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	2	G14_018	'LEBROCK - PIRKEY 345KV CKT 2'	FROM->TO	0.30116	981.5	110.8993	'LEBROCK - PIRKEY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'	TO->FROM	0.87353	1194	107.7042	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'	TO->FROM	0.81373	1194	103.8844	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'	TO->FROM	0.90259	1193.9	109.5283	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'	TO->FROM	0.86264	1194.1	107.0142	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'	TO->FROM	0.90273	1193.3	109.5587	'CROCKETT - GEN14_16T 345.00 345KV CKT 1'
00G14_018NR	14SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.28116	205.5	122.5581	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	14SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.28116	205.5	122.5095	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	14WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.2797	205.9	127.0292	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	14WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.2797	205.9	126.9807	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.27952	205.8	124.0608	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.27952	205.8	124.0122	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	19WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.28072	205.5	119.9632	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	19WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.28072	205.5	119.9145	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NR	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.27918	205.8	122.381	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_018NR	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.27918	205.8	122.2352	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.2453	206	196.479	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.0872	206	111.8074	'ABENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.27963	206	126.4564	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.0872	206	107.7783	'ABENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.0872	206	107.3414	'T132'
00G14_018NRfgsensitivity	14SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.0872	206	101.8559	'APRIL - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.07582	206	101.1747	'T104'
00G14_018NRfgsensitivity	14SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.07582	206	101.0291	'Bryan-Grimes'
00G14_018NRfgsensitivity	14WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.22733	205.8	194.5877	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.07767	205.8	122.0693	'ABENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.07767	205.8	118.4735	'ABENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.07767	205.8	118.0362	'T132'
00G14_018NRfgsensitivity	14WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.07767	205.8	113.2257	'APRIL - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.06756	205.8	110.4351	'T104'
00G14_018NRfgsensitivity	14WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.06756	205.8	110.2893	'Bryan-Grimes'
00G14_018NRfgsensitivity	14WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.07767	205.8	110.4074	'APRIL - LAKE FOREST 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.27793	205.8	130.3766	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.07767	205.8	108.1723	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.06572	205.8	105.9691	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.07767	205.8	106.5202	'CONROE BULK - WOODHAVEN 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.07724	205.8	106.1192	'DIANA - PIRKEY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.06945	205.8	103.6463	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.06479	205.8	102.712	'Grimes to Navasota'
00G14_018NRfgsensitivity	14WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.06479	205.8	102.712	'T153'
00G14_018NRfgsensitivity	14WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.0647	205.8	102.5817	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.06945	205.8	102.7717	'DOBBIN - TUBULAR 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.06479	205.8	102.5176	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.06479	205.8	102.3718	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.25209	206	200.5728	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08362	206	120.5906	'ABENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08362	206	115.7363	'ABENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08362	206	115.6877	'T132'
00G14_018NRfgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.07279	206	108.9948	'T104'
00G14_018NRfgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.07279	206	108.8006	'Bryan-Grimes'
00G14_018NRfgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08395	206	109.4982	'DIANA - PIRKEY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08362	206	109.3771	'APRIL - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.27862	206	127.3965	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08362	206	105.7848	'APRIL - LAKE FOREST 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.07082	206	104.1941	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08362	206	103.5518	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.07481	206	101.9206	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08362	206	101.5615	'CONROE BULK - WOODHAVEN 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.06981	206	101.1536	'T153'
00G14_018NRfgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.06981	206	101.1536	'Grimes to Navasota'
00G14_018NRfgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.06971	206	101.0198	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.06981	206	100.9594	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.07481	206	101.0468	'DOBBIN - TUBULAR 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.06981	206	100.8138	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.24178	206	192.8571	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.27919	206	123.7222	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08233	206	104.4376	'ABENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08233	206	100.1172	'ABENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08233	206	100.1172	'T132'
00G14_018NRfgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.25182	205.9	198.7256	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08227	205.9	124.5246	'ABENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08227	205.9	119.1822	'T132'
00G14_018NRfgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08227	205.9	118.9879	'ABENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.07161	205.9	111.5285	'T104'
00G14_018NRfgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.07161	205.9	111.3828	'Bryan-Grimes'
00G14_018NRfgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08222	205.9	112.6558	'DIANA - PIRKEY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08227	205.9	112.6256	'APRIL - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08227	205.9	108.8859	'APRIL - LAKE FOREST 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.06967	205.9	106.5423	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.27831	205.9	125.499	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08227	205.9	106.2147	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.0736	205.9	105.4597	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.0736	205.9	104.537	'DOBBIN - TUBULAR 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.06868	205.9	103.9932	'Grimes to Navasota'
00G14_018NRfgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.06868	205.9	103.9932	'T153'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency	
								Loading %	Contingency
00G14_018NRfgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.06868	205.9	103.799	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.06858	205.9	103.7137	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.06868	205.9	103.6533	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08227	205.9	103.8349	'CONROE BULK - WOODHAVEN 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	2	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.05264	205.9	108.4973	'ABENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	2	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.05264	205.9	105.0004	'ABENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	14WP	2	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.05264	205.9	104.1748	'T132'
00G14_018NRfgsensitivity	19SP	2	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.05673	206	104.9456	'ABENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	19SP	2	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.05673	206	100.2368	'ABENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	2	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.05551	206	108.9153	'ABENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	2	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.05551	206	103.5755	'ABENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	2	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.05551	206	103.1386	'T132'
00G14_018NRfgsensitivity	19SP	0	G14_018	'LONGWOOD - SCOTTSVILLE 138KV CKT 1'	TO->FROM	0.12563	295.1	100.8391	'DIANA - PIRKEY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'	FROM->TO	0.10415	205.9	106.0891	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	14WP	0	G14_018	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'	FROM->TO	0.09651	205.6	103.4832	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'	FROM->TO	0.10703	206	110.5411	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'	FROM->TO	0.10266	205.9	104.3764	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'	FROM->TO	0.10691	206	111.3223	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'	FROM->TO	0.0413	206	101.2732	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'MARSHALL - MARSHALL AUTO 69KV CKT 1'	TO->FROM	0.03455	236.8	102.3732	'DIANA - PIRKEY 345KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'NAVSOTA - SOTA 138KV CKT 1'	TO->FROM	0.10415	205.7	101.8169	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'NAVSOTA - SOTA 138KV CKT 1'	TO->FROM	0.10703	205.8	106.4697	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19WP	0	G14_018	'NAVSOTA - SOTA 138KV CKT 1'	TO->FROM	0.10266	205.7	100.8804	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'NAVSOTA - SOTA 138KV CKT 1'	TO->FROM	0.10691	205.7	106.4774	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'NAVSOTA - TUBULAR 138KV CKT 1'	FROM->TO	0.13383	205.6	102.3713	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'NAVSOTA - TUBULAR 138KV CKT 1'	FROM->TO	0.13368	205.6	104.2131	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'PIRKEY - SABINE MINING CO. T 138KV CKT 1'	FROM->TO	0.12563	339.3	111.3104	'DIANA - PIRKEY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'PIRKEY - SABINE MINING CO. T 138KV CKT 1'	FROM->TO	0.12404	339.4	110.8645	'DIANA - PIRKEY 345KV CKT 1'
00G14_018NR	24SP	0	G14_018	'RUSSELLVILLE EAST - RUSSELLVILLE NORTH 161KV CKT 1'	TO->FROM	0.0309	395.4	102.6961	'ARKANSAS NUCLEAR ONE - FT SMITH 500KV CKT 1'
00G14_018NRfgsensitivity	14SP	0	G14_018	'SABINE MINING CO. T - SOUTHEAST MARSHALL 138KV CKT 1'	FROM->TO	0.12593	271.1	112.0262	'DIANA - PIRKEY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'SABINE MINING CO. T - SOUTHEAST MARSHALL 138KV CKT 1'	FROM->TO	0.12563	271	134.9359	'DIANA - PIRKEY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'SABINE MINING CO. T - SOUTHEAST MARSHALL 138KV CKT 1'	FROM->TO	0.12404	271.1	134.4058	'DIANA - PIRKEY 345KV CKT 1'
00G14_018NRfgsensitivity	19SP	0	G14_018	'SCOTTSVILLE - SOUTHEAST MARSHALL 138KV CKT 1'	TO->FROM	0.12563	269.7	116.3427	'DIANA - PIRKEY 345KV CKT 1'
00G14_018NRfgsensitivity	24SP	0	G14_018	'SCOTTSVILLE - SOUTHEAST MARSHALL 138KV CKT 1'	TO->FROM	0.12404	270	114.9905	'DIANA - PIRKEY 345KV CKT 1'

I: FCITC Analysis Constraints Not Requiring Reinforcement

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency Loading %	Contingency
00G14 014	14SP	0	G14 014	'AHLOSO TAP - PARKLN 2 69KV CKT 1'	TO->FROM	0.03733	96	114.062	'ADA INDUSTRIAL - PARKLN 2 69KV CKT 1'
00G14 014	14SP	0	G14 014	'AHLOSO TAP - PARKLN 2 69KV CKT 1'	TO->FROM	0.03733	96	113.7495	'ADA INDUSTRIAL - VALLY VIEW 69KV CKT 1'
00G14 014	14SP	0	G14 014	'ADA INDUSTRIAL - PARKLN 2 69KV CKT 1'	TO->FROM	0.03554	96	109.3031	'AHLOSO TAP - PARKLN 2 69KV CKT 1'
00G14 014	19SP	0	G14 014	'AHLOSO TAP - PARKLN 2 69KV CKT 1'	TO->FROM	0.03747	96	123.9797	'ADA INDUSTRIAL - PARKLN 2 69KV CKT 1'
00G14 014	19SP	0	G14 014	'AHLOSO TAP - PARKLN 2 69KV CKT 1'	TO->FROM	0.03747	96	123.6672	'ADA INDUSTRIAL - VALLY VIEW 69KV CKT 1'
00G14 014	19SP	0	G14 014	'ADA INDUSTRIAL - PARKLN 2 69KV CKT 1'	TO->FROM	0.03568	96	118.1792	'AHLOSO TAP - PARKLN 2 69KV CKT 1'
00G14 014	19SP	0	G14 014	'AHLOSO TAP - PARKLN 2 69KV CKT 1'	TO->FROM	0.03747	96	105.2297	'ADA OC PUMP - VALLY VIEW 69KV CKT 1'
00G14 014	19SP	0	G14 014	'ADA INDUSTRIAL - VALLY VIEW 69KV CKT 1'	FROM->TO	0.03568	111	101.9387	'AHLOSO TAP - PARKLN 2 69KV CKT 1'
00G14 014	19WP	0	G14 014	'AHLOSO TAP - PARKLN 2 69KV CKT 1'	TO->FROM	0.03777	96	100.1724	'ADA INDUSTRIAL - PARKLN 2 69KV CKT 1'
00G14 014	19WP	0	G14 014	'AHLOSO TAP - PARKLN 2 69KV CKT 1'	TO->FROM	0.03777	96	100.0682	'ADA INDUSTRIAL - VALLY VIEW 69KV CKT 1'
00G14 014	24SP	0	G14 014	'AHLOSO TAP - PARKLN 2 69KV CKT 1'	TO->FROM	0.0373	96	130.2031	'ADA INDUSTRIAL - PARKLN 2 69KV CKT 1'
00G14 014	24SP	0	G14 014	'AHLOSO TAP - PARKLN 2 69KV CKT 1'	TO->FROM	0.0373	96	129.8906	'ADA INDUSTRIAL - VALLY VIEW 69KV CKT 1'
00G14 014	24SP	0	G14 014	'ADA INDUSTRIAL - PARKLN 2 69KV CKT 1'	TO->FROM	0.03552	96	124.0917	'AHLOSO TAP - PARKLN 2 69KV CKT 1'
00G14 014	24SP	0	G14 014	'AHLOSO TAP - PARKLN 2 69KV CKT 1'	TO->FROM	0.0373	96	109.7865	'ADA OC PUMP - VALLY VIEW 69KV CKT 1'
00G14 014	24SP	0	G14 014	'ADA INDUSTRIAL - VALLY VIEW 69KV CKT 1'	FROM->TO	0.03552	111	107.0523	'AHLOSO TAP - PARKLN 2 69KV CKT 1'
00G14 014	24SP	0	G14 014	'PARK LANE (PARKLN1) 138/69/13.2KV TRANSFORMER CKT 1'	FROM->TO	0.05372	134	101.3866	'PARK LANE (PARKLN2) 138/69/13.2KV TRANSFORMER CKT 1'
00G14 014	24SP	0	G14 014	'ADA OC PUMP - ADA OC PUMP TAP 69KV CKT 1'	FROM->TO	0.03469	56	101.9705	'AHLOSO TAP - HARDNTP2 69.000 69KV CKT 1'
00G14 014	24SP	0	G14 014	'PARK LANE (PARKLN1) 138/69/13.2KV TRANSFORMER CKT 1'	FROM->TO	0.05372	134	101.2373	'PARK LANE (PARKLN2) 138/69/13.2KV TRANSFORMER CKT 1'
4 PrimaryPOI	14G	0	G14 015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.1184	79.4	121.1788	'BEARCRK2 - SYRACUSE 115KV CKT 1'
4 PrimaryPOI	14G	0	G14 015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.1184	80	117.395	'BEARCRK2 - SYRACUSE 115KV CKT 1'
4 PrimaryPOI	14G	0	G14 015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.1184	79.4	114.5038	'BEARCRK2 - JOHNSON 115KV CKT 1'
4 PrimaryPOI	14G	0	G14 015	'BEARCRK2 - SYRACUSE 115KV CKT 1'	TO->FROM	0.08669	77.9	113.9995	'SYRACUSE - WILLIAMSON 115KV CKT 1'
4 PrimaryPOI	14G	0	G14 015	'BEARCRK2 - SYRACUSE 115KV CKT 1'	TO->FROM	0.08669	77.9	112.4591	'FLETCHER - WILLIAMSON 115KV CKT 1'
4 PrimaryPOI	14G	0	G14 015	'FPL SWITCH - WOODWARD 138KV CKT 1'	TO->FROM	0.04217	143.7	112.1926	'NORTHWEST - TATONGA7 345.00 345KV CKT 1'
4 PrimaryPOI	14G	0	G14 015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.1184	80	110.77	'BEARCRK2 - JOHNSON 115KV CKT 1'
4 PrimaryPOI	14G	0	G14 015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.1184	79.4	110.4735	'JOHNSON - JOHNSON 115KV CKT 1'
4 PrimaryPOI	14G	0	G14 015	'BEARCRK2 - SYRACUSE 115KV CKT 1'	TO->FROM	0.0431	77.9	107.3736	'SPP-SEPC-05'
4 PrimaryPOI	14G	0	G14 015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.1184	80	106.77	'JOHNSON - JOHNSON 115KV CKT 1'
4 PrimaryPOI	14G	0	G14 015	'BEARCRK2 - JOHNSON 115KV CKT 1'	FROM->TO	0.08669	76.8	105.476	'SYRACUSE - WILLIAMSON 115KV CKT 1'
4 PrimaryPOI	14G	0	G14 015	'BEARCRK2 - JOHNSON 115KV CKT 1'	FROM->TO	0.08669	76.8	104.0437	'FLETCHER - WILLIAMSON 115KV CKT 1'
4 PrimaryPOI	14G	0	G14 015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.1184	79.4	103.0428	'BIG BOW 3 115.00 - JOHNSON 115KV CKT 1'
04G14 015 PrimaryPOI	14G	0	G14 015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.1184	79.4	130.1259	'BEARCRK2 - SYRACUSE 115KV CKT 1'
04G14 015 PrimaryPOI	14G	0	G14 015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.1184	80	126.275	'BEARCRK2 - SYRACUSE 115KV CKT 1'
04G14 015 PrimaryPOI	14G	0	G14 015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.1184	79.4	123.4509	'BEARCRK2 - JOHNSON 115KV CKT 1'
04G14 015 PrimaryPOI	14G	0	G14 015	'BEARCRK2 - SYRACUSE 115KV CKT 1'	TO->FROM	0.08669	77.9	120.6765	'SYRACUSE - WILLIAMSON 115KV CKT 1'
04G14 015 PrimaryPOI	14G	0	G14 015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.1184	80	119.65	'BEARCRK2 - JOHNSON 115KV CKT 1'
04G14 015 PrimaryPOI	14G	0	G14 015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.1184	79.4	119.4206	'JOHNSON - JOHNSON 115KV CKT 1'
04G14 015 PrimaryPOI	14G	0	G14 015	'BEARCRK2 - SYRACUSE 115KV CKT 1'	TO->FROM	0.08669	77.9	119.1361	'FLETCHER - WILLIAMSON 115KV CKT 1'
04G14 015 PrimaryPOI	14G	0	G14 015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.1184	80	115.65	'JOHNSON - JOHNSON 115KV CKT 1'
04G14 015 PrimaryPOI	14G	0	G14 015	'FPL SWITCH - WOODWARD 138KV CKT 1'	TO->FROM	0.04217	143.7	113.9534	'NORTHWEST - TATONGA7 345.00 345KV CKT 1'
04G14 015 PrimaryPOI	14G	0	G14 015	'BEARCRK2 - JOHNSON 115KV CKT 1'	FROM->TO	0.08669	76.8	112.2487	'SYRACUSE - WILLIAMSON 115KV CKT 1'
04G14 015 PrimaryPOI	14G	0	G14 015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.1184	79.4	111.9899	'BIG BOW 3 115.00 - JOHNSON 115KV CKT 1'
04G14 015 PrimaryPOI	14G	0	G14 015	'BEARCRK2 - JOHNSON 115KV CKT 1'	FROM->TO	0.08669	76.8	110.8164	'FLETCHER - WILLIAMSON 115KV CKT 1'
04G14 015 PrimaryPOI	14G	0	G14 015	'BEARCRK2 - SYRACUSE 115KV CKT 1'	TO->FROM	0.0431	77.9	110.6932	'SPP-SEPC-05'
04G14 015 PrimaryPOI	14G	0	G14 015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.1184	79.4	108.4635	'BIG BOW 3 115.00 - ULYSPLT3 115.00 115KV CKT 1'
04G14 015 PrimaryPOI	14G	0	G14 015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.1184	80	108.275	'BIG BOW 3 115.00 - JOHNSON 115KV CKT 1'
04G14 015 PrimaryPOI	14G	0	G14 015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.1184	80	104.775	'BIG BOW 3 115.00 - ULYSPLT3 115.00 115KV CKT 1'
04G14 015 PrimaryPOI	14G	0	G14 015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.1184	79.4	103.4257	'PIONEER - ULYSPLT3 115.00 115KV CKT 1'
04G14 015 PrimaryPOI	14G	0	G14 015	'BEARCRK2 - JOHNSON 115KV CKT 1'	FROM->TO	0.0431	76.8	102.2526	'SPP-SEPC-05'
04ALL PrimaryPOI	14G	0	G14 015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.11844	79.1	154.6549	'BEARCRK2 - SYRACUSE 115KV CKT 1'
04ALL PrimaryPOI	14G	0	G14 015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.11844	79.6	150.2915	'BEARCRK2 - SYRACUSE 115KV CKT 1'
04ALL PrimaryPOI	14G	0	G14 015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.11844	79.1	147.3224	'BEARCRK2 - JOHNSON 115KV CKT 1'
04ALL PrimaryPOI	14G	0	G14 015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.11844	79.1	143.2769	'JOHNSON - JOHNSON 115KV CKT 1'
04ALL PrimaryPOI	14G	0	G14 015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.11844	79.6	143.005	'BEARCRK2 - JOHNSON 115KV CKT 1'
04ALL PrimaryPOI	14G	0	G14 015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.11844	79.6	138.9849	'JOHNSON - JOHNSON 115KV CKT 1'
04ALL PrimaryPOI	14G	0	G14 015	'BEARCRK2 - SYRACUSE 115KV CKT 1'	TO->FROM	0.08671	78	138.7346	'SYRACUSE - WILLIAMSON 115KV CKT 1'
04ALL PrimaryPOI	14G	0	G14 015	'BEARCRK2 - SYRACUSE 115KV CKT 1'	TO->FROM	0.08671	78	137.0679	'FLETCHER - WILLIAMSON 115KV CKT 1'
04ALL PrimaryPOI	14G	0	G14 015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.11844	79.1	135.818	'BIG BOW 3 115.00 - JOHNSON 115KV CKT 1'
04ALL PrimaryPOI	14G	0	G14 015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.11844	79.1	132.2781	'BIG BOW 3 115.00 - ULYSPLT3 115.00 115KV CKT 1'
04ALL PrimaryPOI	14G	0	G14 015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.11844	79.6	131.5729	'BIG BOW 3 115.00 - JOHNSON 115KV CKT 1'
04ALL PrimaryPOI	14G	0	G14 015	'BEARCRK2 - JOHNSON 115KV CKT 1'	FROM->TO	0.08671	76.4	130.5144	'SYRACUSE - WILLIAMSON 115KV CKT 1'
04ALL PrimaryPOI	14G	0	G14 015	'BEARCRK2 - JOHNSON 115KV CKT 1'	FROM->TO	0.08671	76.4	128.8128	'FLETCHER - WILLIAMSON 115KV CKT 1'
04ALL PrimaryPOI	14G	0	G14 015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.11844	79.6	127.9296	'BIG BOW 3 115.00 - ULYSPLT3 115.00 115KV CKT 1'
04ALL PrimaryPOI	14G	0	G14 015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.11844	79.1	127.0948	'PIONEER - ULYSPLT3 115.00 115KV CKT 1'
04ALL PrimaryPOI	14G	0	G14 015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.11844	79.6	122.7789	'PIONEER - ULYSPLT3 115.00 115KV CKT 1'
04ALL PrimaryPOI	14G	0	G14 015	'FPL SWITCH - WOODWARD 138KV CKT 1'	TO->FROM	0.04219	142.8	122.3088	'NORTHWEST - TATONGA7 345.00 345KV CKT 1'
04ALL PrimaryPOI	14G	0	G14 015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.11461	79.1	120.3325	'HOLCOMB - SETAB 345KV CKT 1'
04ALL PrimaryPOI	14G	0	G14 015	'BEARCRK2 - SYRACUSE 115KV CKT 1'	TO->FROM	0.0431	78	119.9103	'SPP-SEPC-05'
04ALL PrimaryPOI	14G	0	G14 015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.16586	79.1	118.2781	'SPP-SEPC-11'
04ALL PrimaryPOI	14G	0	G14 015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.06922	325.8	116.5642	'POST ROCK (POSTROCK T1) 345/230/13.8KV TRANSFORMER CKT 1'
04ALL PrimaryPOI	14G	0	G14 015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.11461	79.6	116.1847	'HOLCOMB - SETAB 345KV CKT 1'
04ALL PrimaryPOI	14G	0	G14 015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.14749	79.1	114.8508	'GOODLAND TAP - RULETON 115KV CKT 1'
04ALL PrimaryPOI	14G	0	G14 015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.06369	325.8	114.3975	'AXTELL - POST ROCK 345KV CKT 1'
04ALL PrimaryPOI	14G	0	G14 015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.16586	79.6	114.1432	'SPP-SEPC-11'
04ALL PrimaryPOI	14G	0	G14 015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.14749	79.1	113.4602	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04ALL PrimaryPOI	14G	0	G14 015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.14749	79.1	113.2073	'BREWSTER - GOODLAND 115KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency Loading %	Contingency
04ALL_PrimaryPOI	14G	0	G14_015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.14749	79.1	112.5752	'BREWSTER - MINGO 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.07098	325.8	111.6618	'CIRCLE - MULLERGREN 230KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BEARCRK2 - JOHNSON 115KV CKT 1'	FROM->TO	0.0431	76.4	111.2958	'SPP-SEPC-05'
04ALL_PrimaryPOI	14G	0	G14_015	'SEWARD - ST JOHN 115KV CKT 1'	FROM->TO	0.03101	85.6	110.7512	'CIRCLE - MULLERGREN 230KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.14749	79.6	110.7374	'GOODLAND TAP - RULETON 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.06252	325.8	110.5144	'MULLERGREN - SOUTH HAYS 230KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.14749	79.6	109.3555	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.14749	79.6	109.1043	'BREWSTER - GOODLAND 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.14749	79.6	108.4761	'BREWSTER - MINGO 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'SYRACUSE - WILLIAMSON 115KV CKT 1'	FROM->TO	0.08934	79.1	108.421	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'FPL SWITCH - WOODWARD 138KV CKT 1'	TO->FROM	0.04219	142.8	108.1632	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.05833	325.8	107.4905	'JEFFREY ENERGY CENTER 345/26.0KV TRANSFORMER CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.05833	325.8	107.4905	'JEFFREY ENERGY CENTER 345/26.0KV TRANSFORMER CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.07237	325.8	107.3392	'FINNEY SWITCHING STATION - Hitchland Interchange 345KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.05833	325.8	107.2161	'JEFFREY ENERGY CENTER 230/26.0KV TRANSFORMER CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.06427	325.8	106.9923	'CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 2'
04ALL_PrimaryPOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.06427	325.8	106.9923	'CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.07237	325.8	106.5718	'FINNEY SWITCHING STATION - HOLCOMB 345KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.06166	325.8	105.7698	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
04ALL_PrimaryPOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.06166	325.8	105.7698	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.06214	325.8	105.7526	'AXTELL - PAULINE 345KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.0616	325.8	105.6415	'GRAND ISLAND - SWEETWATER 345KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.06217	325.8	105.3257	'ELM CREEK - NORTHWEST MANHATTAN 230KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.06191	325.8	105.0869	'MOORE - PAULINE 345KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.05833	325.8	104.9107	'WOLF CREEK 345/25.0KV TRANSFORMER CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BEARCRK2 - SYRACUSE 115KV CKT 1'	TO->FROM	0.05374	78	104.9	'HOLCOMB - SETAB 345KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.05522	325.8	104.5629	'JEFFREY ENERGY CENTER - SUMMIT 345KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BEARCRK2 - SYRACUSE 115KV CKT 1'	TO->FROM	0.0772	78	104.3077	'SPP-SEPC-11'
04ALL_PrimaryPOI	14G	0	G14_015	'FLETCHER - WILLIAMSON 115KV CKT 1'	TO->FROM	0.08934	79.6	104.2224	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'FPL SWITCH - WOODWARD 138KV CKT 1'	TO->FROM	0.04219	142.8	104.1015	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BEARCRK2 - SYRACUSE 115KV CKT 1'	TO->FROM	0.06923	78	102.909	'GOODLAND TAP - RULETON 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BEARCRK2 - SYRACUSE 115KV CKT 1'	TO->FROM	0.06923	78	102.2679	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BEARCRK2 - SYRACUSE 115KV CKT 1'	TO->FROM	0.06923	78	102.1397	'BREWSTER - GOODLAND 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BEARCRK2 - SYRACUSE 115KV CKT 1'	TO->FROM	0.06923	78	101.8833	'BREWSTER - MINGO 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.05833	325.8	101.3502	'BASE CASE'
00G14_015_PrimaryPOI	19SP	0	G14_015	'DOBSON - GANO 3 115.00 115KV CKT 1'	FROM->TO	0.03346	148	115.2284	'SPP-SEPC-01'
00G14_015_PrimaryPOI	19SP	0	G14_015	'DOBSON - GANO 3 115.00 115KV CKT 1'	FROM->TO	0.03346	148	115.2284	'HOLCOMB (HOLCOMB) 345/115/13.8KV TRANSFORMER CKT 1'
00G14_015_PrimaryPOI	24SP	0	G14_015	'DOBSON - GANO 3 115.00 115KV CKT 1'	FROM->TO	0.03373	147.9	108.8026	'SPP-SEPC-01'
00G14_015_PrimaryPOI	24SP	0	G14_015	'DOBSON - GANO 3 115.00 115KV CKT 1'	FROM->TO	0.03373	147.9	108.8026	'HOLCOMB (HOLCOMB) 345/115/13.8KV TRANSFORMER CKT 1'
4_AlternatePOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.07756	327.2	108.7758	'DBL-THIS-CLRK'
4_AlternatePOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.07756	327.2	102.9995	'DBL-IRON-CLRK'
4_AlternatePOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.06316	327.2	101.6376	'DBL-WICH-THIS'
4_AlternatePOI	14G	0	G14_015	'FPL SWITCH - WOODWARD 138KV CKT 1'	TO->FROM	0.0421	143.7	101.4642	'DBL-WICH-THIS'
4_AlternatePOI	14G	0	G14_015	'FPL SWITCH - WOODWARD 138KV CKT 1'	TO->FROM	0.04123	143.7	112.0356	'NORTHWEST - TATONGA7 345.00 345KV CKT 1'
4_AlternatePOI	14G	0	G14_015	'HARPER - MILAN TAP 138KV CKT 1'	FROM->TO	0.03284	106.7	153.0287	'DBL-WICH-THIS'
4_AlternatePOI	14G	0	G14_015	'CLEARWATER - MILAN TAP 138KV CKT 1'	TO->FROM	0.03284	103.8	140.4447	'DBL-WICH-THIS'
00G14_015_AlternatePOI	14WP	0	G14_015	'HARPER - MILAN TAP 138KV CKT 1'	FROM->TO	0.03194	108.4	128.4889	'DBL-WICH-THIS'
00G14_015_AlternatePOI	14WP	0	G14_015	'CLEARWATER - MILAN TAP 138KV CKT 1'	TO->FROM	0.03194	107.1	115.8562	'DBL-WICH-THIS'
00G14_015_AlternatePOI	19WP	0	G14_015	'HARPER - MILAN TAP 138KV CKT 1'	FROM->TO	0.03181	108.1	134.7299	'DBL-WICH-THIS'
00G14_015_AlternatePOI	19WP	0	G14_015	'CLEARWATER - MILAN TAP 138KV CKT 1'	TO->FROM	0.03181	106.8	120.7332	'DBL-WICH-THIS'
04ALL_AlternatePOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.07749	325.8	128.1912	'DBL-THIS-CLRK'
04ALL_AlternatePOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.07749	325.8	122.3901	'DBL-IRON-CLRK'
04ALL_AlternatePOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.07749	325.8	118.0623	'DBL-SPRVL-CLRK'
04ALL_AlternatePOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.06374	325.8	106.5445	'FINNEY SWITCHING STATION - Hitchland Interchange 345KV CKT 1'
04ALL_AlternatePOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.06374	325.8	105.7772	'FINNEY SWITCHING STATION - HOLCOMB 345KV CKT 1'
04ALL_AlternatePOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.06307	325.8	119.1593	'DBL-WICH-THIS'
04ALL_AlternatePOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.06009	325.8	110.659	'CIRCLE - MULLERGREN 230KV CKT 1'
04ALL_AlternatePOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.05519	325.8	106.1562	'CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 2'
04ALL_AlternatePOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.05519	325.8	106.1562	'CLARKCOUNTY7345.00 - THISTLE7 345.00 345KV CKT 1'
04ALL_AlternatePOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.05352	325.8	104.9589	'AXTELL - PAULINE 345KV CKT 1'
04ALL_AlternatePOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.05349	325.8	104.8947	'GRAND ISLAND - SWEETWATER 345KV CKT 1'
04ALL_AlternatePOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.05272	325.8	104.9466	'THISTLE7 345.00 - WICHITA 345KV CKT 1'
04ALL_AlternatePOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.05272	325.8	104.9466	'THISTLE7 345.00 - WICHITA 345KV CKT 2'
04ALL_AlternatePOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.05269	325.8	109.6093	'MULLERGREN - SOUTH HAYS 230KV CKT 1'
04ALL_AlternatePOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.04951	325.8	106.6774	'JEFFREY ENERGY CENTER 345/26.0KV TRANSFORMER CKT 1'
04ALL_AlternatePOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.04951	325.8	106.6774	'JEFFREY ENERGY CENTER 345/26.0KV TRANSFORMER CKT 1'
04ALL_AlternatePOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.04951	325.8	106.4039	'JEFFREY ENERGY CENTER 230/26.0KV TRANSFORMER CKT 1'
04ALL_AlternatePOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.04951	325.8	100.5381	'BASE CASE'
04ALL_AlternatePOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.04677	325.8	112.8395	'AXTELL - POST ROCK 345KV CKT 1'
04ALL_AlternatePOI	14G	0	G14_015	'FPL SWITCH - WOODWARD 138KV CKT 1'	TO->FROM	0.04125	142.8	122.1113	'NORTHWEST - TATONGA7 345.00 345KV CKT 1'
04ALL_AlternatePOI	14G	0	G14_015	'FPL SWITCH - WOODWARD 138KV CKT 1'	TO->FROM	0.04125	142.8	107.9657	'G11_051T 345.00 - TATONGA7 345.00 345KV CKT 1'
04ALL_AlternatePOI	14G	0	G14_015	'FPL SWITCH - WOODWARD 138KV CKT 1'	TO->FROM	0.04125	142.8	103.9041	'G11_051T 345.00 - WOODWARD DISTRICT EHV 345KV CKT 1'
04ALL_AlternatePOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.04107	325.8	113.9721	'POST ROCK (POSTROCK T1) 345/230/13.8KV TRANSFORMER CKT 1'
04ALL_AlternatePOI	14G	0	G14_015	'HARPER - MILAN TAP 138KV CKT 1'	FROM->TO	0.03277	106.4	163.281	'DBL-WICH-THIS'
04ALL_AlternatePOI	14G	0	G14_015	'CLEARWATER - MILAN TAP 138KV CKT 1'	TO->FROM	0.03277	103	151.2922	'DBL-WICH-THIS'
04G14_015_AlternatePOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.07756	327.2	110.198	'DBL-THIS-CLRK'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency Loading %	Contingency
04G14_015_AlternatePOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.07756	327.2	104.4218	'DBL-IRON-CLRK'
04G14_015_AlternatePOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.07756	327.2	100.1125	'DBL-SPRVL-CLRK'
04G14_015_AlternatePOI	14G	0	G14_015	'SMOKYHL6 230.00 - SUMMIT 230KV CKT 1'	FROM->TO	0.06316	327.2	102.7958	'DBL-WICH-THIS'
04G14_015_AlternatePOI	14G	0	G14_015	'FPL SWITCH - WOODWARD 138KV CKT 1'	TO->FROM	0.0421	143.7	103.222	'DBL-WICH-THIS'
04G14_015_AlternatePOI	14G	0	G14_015	'FPL SWITCH - WOODWARD 138KV CKT 1'	TO->FROM	0.04123	143.7	113.7571	'NORTHWEST - TATONGA7 345.00 345KV CKT 1'
04G14_015_AlternatePOI	14G	0	G14_015	'HARPER - MILAN TAP 138KV CKT 1'	FROM->TO	0.03284	106.7	154.8754	'DBL-WICH-THIS'
04G14_015_AlternatePOI	14G	0	G14_015	'CLEARWATER - MILAN TAP 138KV CKT 1'	FROM->TO	0.03284	103.8	142.343	'DBL-WICH-THIS'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59555	79.5	238.195	'LAWN RIDGE - RULETON 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59555	79.5	237.0629	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59555	79.5	235.1761	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59555	79.5	233.9182	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59555	79.5	233.6667	'BIRD CITY - MCDONL3 115.00 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59555	79.5	231.7799	'BVERVLLY 115.00 - MCDONL3 115.00 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.59555	79.5	230.6478	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.4697	79.7	195.4956	'GOODLAND TAP - RULETON 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63277	79.5	227.8377	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63277	79.5	226.9572	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63277	79.5	225.9509	'KANARADO - SHARON SPRINGS 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.4697	79.7	190.3513	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63277	79.5	221.9258	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.4697	79.7	189.5985	'BREWSTER - GOODLAND 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.63277	79.5	220.1648	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.4697	79.7	187.0891	'BREWSTER - MINGO 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.41496	79.5	173.3182	'MINGO - SETAB 345KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.47821	79.5	180.9597	'SPP-SEPC-11'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND TAP - RULETON 115KV CKT 1'	TO->FROM	0.43454	79.5	166.2415	'BASE CASE'
04ALL_PrimaryPOI	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.5303	79.3	180.8197	'GOODLAND TAP - RULETON 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.5303	79.8	176.8045	'GOODLAND TAP - RULETON 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.5303	79.3	175.6494	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.5303	79.3	174.8928	'BREWSTER - GOODLAND 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.5303	79.3	172.3708	'BREWSTER - MINGO 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.5303	79.8	171.5414	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.5303	79.8	170.7895	'BREWSTER - GOODLAND 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.5303	79.9	170.3254	'GOODLAND TAP - RULETON 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36723	79.7	148.1418	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36723	79.7	147.7654	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59555	119.4	151.6457	'LAWN RIDGE - RULETON 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.5303	79.8	168.2832	'BREWSTER - MINGO 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36723	79.7	147.138	'KANARADO - SHARON SPRINGS 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.5303	79.9	167.6971	'GOODLAND TAP - RULETON 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59555	119.4	150.892	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59555	119.4	150.6407	'LAWN RIDGE - RULETON 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59555	119.4	149.8869	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59555	119.4	149.7194	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.5303	79.9	165.0688	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59555	119.4	148.7982	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59555	119.4	148.7144	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59555	119.4	148.6306	'BIRD CITY - MCDONL3 115.00 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36723	79.7	144.8796	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.5303	79.9	164.3179	'BREWSTER - GOODLAND 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59555	119.4	147.7931	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59555	119.4	147.7094	'BIRD CITY - MCDONL3 115.00 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.36723	79.7	143.8758	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59555	119.4	147.3744	'BVERVLLY 115.00 - MCDONL3 115.00 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59555	119.4	147.3744	'LAWN RIDGE - RULETON 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.5303	79.9	162.4406	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.59555	119.4	146.7043	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59555	119.4	146.5368	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.5303	79.9	161.8148	'BREWSTER - MINGO 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.5303	79.9	161.6896	'BREWSTER - GOODLAND 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59555	119.4	146.3694	'BVERVLLY 115.00 - MCDONL3 115.00 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.59555	119.4	145.6993	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59555	119.4	145.3643	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.5303	79.9	159.1865	'BREWSTER - MINGO 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59555	119.4	144.5268	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59555	119.4	144.3593	'BIRD CITY - MCDONL3 115.00 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59555	119.4	143.103	'BVERVLLY 115.00 - MCDONL3 115.00 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.59555	119.4	142.3492	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63277	119.4	144.7496	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63277	119.4	144.2471	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63277	119.4	143.7446	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.22336	79.7	123.0966	'COLBY - MINGO 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63277	119.4	143.4933	'KANARADO - SHARON SPRINGS 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63277	119.4	143.242	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63277	119.4	142.4883	'KANARADO - SHARON SPRINGS 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63277	119.4	140.8132	'PALMER3 - SHARON SPRINGS 115KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency Loading %	Contingency
04ALL_PrimaryPOI	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63277	119.4	140.3945	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.40445	79.3	138.5057	'LAWN RIDGE - RULETON 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63277	119.4	139.892	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63277	119.4	139.8082	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.63277	119.4	139.7244	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.40445	79.3	137.8752	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.4697	119.5	129.1297	'GOODLAND TAP - RULETON 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63277	119.4	139.1382	'KANARADO - SHARON SPRINGS 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.63277	119.4	138.7194	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.40445	79.3	136.8663	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.40445	79.3	136.1097	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.40445	79.3	135.8575	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.4697	119.5	127.2887	'GOODLAND TAP - RULETON 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63277	119.4	136.5419	'PALMER3 - SHARON SPRINGS 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40445	79.8	134.7556	'LAWN RIDGE - RULETON 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.40445	79.3	134.8487	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.40445	79.3	134.2182	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40445	79.8	134.0038	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.63277	119.4	135.3693	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.4697	119.5	125.8661	'GOODLAND TAP - RULETON 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.4697	119.5	125.6987	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.4697	119.5	125.6151	'GOODLAND TAP - RULETON 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40445	79.8	133.0013	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.4697	119.5	125.1966	'BREWSTER - GOODLAND 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40445	79.8	132.2494	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40445	79.8	132.1241	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25797	79.7	119.9385	'BUCKNER7 345.00 - SPEARVILLE 345KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.27873	79.7	121.4793	'SPP-SEPC-11'
04ALL_PrimaryPOI	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40445	79.8	130.9962	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.4697	119.5	123.8577	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'	FROM->TO	0.4697	119.5	123.6067	'BREWSTER - MINGO 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.40445	79.8	130.3697	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.4697	119.5	123.3557	'BREWSTER - GOODLAND 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.4697	119.5	122.4351	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.4697	119.5	122.1841	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40445	79.9	128.3292	'LAWN RIDGE - RULETON 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.4697	119.5	121.9331	'BREWSTER - GOODLAND 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'	TO->FROM	0.4697	119.5	121.682	'BREWSTER - MINGO 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.4697	119.5	121.682	'BREWSTER - GOODLAND 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40445	79.9	127.5782	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.5303	113.6	125.3433	'GOODLAND TAP - RULETON 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40445	79.9	126.577	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BIRD CITY - ST.FRANCIS 115KV CKT 1'	TO->FROM	0.4697	119.5	120.3431	'BREWSTER - MINGO 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40445	79.9	125.826	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'	FROM->TO	0.4697	119.5	120.0084	'BREWSTER - MINGO 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40445	79.9	125.7009	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40445	79.9	125.7009	'LAWN RIDGE - RULETON 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40445	79.9	124.9499	'LAWN RIDGE - ST.FRANCIS TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40445	79.9	124.5745	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.40445	79.9	123.9487	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40445	79.9	123.9487	'ST.FRANCIS - ST.FRANCIS TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.5303	113.6	121.7342	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40445	79.9	123.1977	'BIRD CITY - ST.FRANCIS 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40445	79.9	123.0726	'BIRD CITY - MCDONLD3 115.00 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.5303	113.6	121.206	'BREWSTER - GOODLAND 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40445	79.9	121.9462	'BVERVLLY 115.00 - MCDONLD3 115.00 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.40445	79.9	121.3204	'ATWOOD - BVERVLLY 115.00 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.5303	113.6	119.4454	'BREWSTER - MINGO 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'LAWN RIDGE - RULETON 115KV CKT 1'	TO->FROM	0.25433	79.7	113.2986	'BASE CASE'
04ALL_PrimaryPOI	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.31113	79.3	115.3077	'G07-11 115.00 - SYRACUSE 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.31113	79.3	115.3077	'G07-11 115.00 115/34.5KV TRANSFORMER CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.47821	119.4	113.5368	'SPP-SEPC-11'
04ALL_PrimaryPOI	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.47821	119.4	112.6156	'SPP-SEPC-11'
04ALL_PrimaryPOI	14G	0	G14_015	'CITIES SERVICE TAP - COMANCHE COUNTY 115KV CKT 1'	TO->FROM	0.31358	164.3	105.7663	'GOODLAND TAP - RULETON 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.31113	79.8	111.5777	'G07-11 115.00 - SYRACUSE 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.31113	79.8	111.5777	'G07-11 115.00 115/34.5KV TRANSFORMER CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'CITIES SERVICE TAP - SETAB 115KV CKT 1'	FROM->TO	0.31358	164.2	104.43	'GOODLAND TAP - RULETON 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BREWSTER - MINGO 115KV CKT 1'	FROM->TO	0.47821	119.4	109.2655	'SPP-SEPC-11'
04ALL_PrimaryPOI	14G	0	G14_015	'CITIES SERVICE TAP - COMANCHE COUNTY 115KV CKT 1'	TO->FROM	0.31358	164.3	104.2447	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'CITIES SERVICE TAP - COMANCHE COUNTY 115KV CKT 1'	TO->FROM	0.31358	164.3	104.0012	'BREWSTER - GOODLAND 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.31113	79.3	107.7465	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'CITIES SERVICE TAP - COMANCHE COUNTY 115KV CKT 1'	TO->FROM	0.31358	164.3	103.2709	'BREWSTER - MINGO 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'CITIES SERVICE TAP - SETAB 115KV CKT 1'	FROM->TO	0.31358	164.2	102.9074	'GOODLAND - GOODLAND TAP 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'CITIES SERVICE TAP - SETAB 115KV CKT 1'	FROM->TO	0.31358	164.2	102.6638	'BREWSTER - GOODLAND 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.31113	79.9	105.1802	'G07-11 115.00 - SYRACUSE 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'PALMER3 - SHARON SPRINGS 115KV CKT 1'	TO->FROM	0.31113	79.9	105.1802	'G07-11 115.00 115/34.5KV TRANSFORMER CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency Loading %	Contingency
04ALL_PrimaryPOI	14G	0	G14_015	'NATIONAL SUNFLOWER INDUSTRY TAP - RULETON 115KV CKT 1'	TO->FROM	0.32424	79.3	104.2522	'SPP-SEPC-03'
04ALL_PrimaryPOI	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.31113	79.8	104.0639	'HOLCOMB 115/22.0KV TRANSFORMER CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'GOODLAND - GOODLAND TAP 115KV CKT 1'	TO->FROM	0.43454	119.4	103.8208	'BASE CASE'
04ALL_PrimaryPOI	14G	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.43354	113.6	103.8398	'MINGO (MINGO) 345/115/13.8KV TRANSFORMER CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'KANARADO - NATIONAL SUNFLOWER INDUSTRY TAP 115KV CKT 1'	TO->FROM	0.43354	113.6	103.8398	'SPP-SEPC-10'
04ALL_PrimaryPOI	14G	0	G14_015	'CITIES SERVICE TAP - SETAB 115KV CKT 1'	FROM->TO	0.31358	164.2	101.933	'BREWSTER - MINGO 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'BREWSTER - GOODLAND 115KV CKT 1'	TO->FROM	0.43454	119.4	102.8158	'BASE CASE'
04ALL_PrimaryPOI	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.31113	79.8	102.6804	'COMANCHE COUNTY (CENTPLN3) 115/34.5/13.8KV TRANSFORMER CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.31113	79.9	102.5519	'G07-11 115.00 - SYRACUSE 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'PALMER3 - TRIBUNE SWITCH 115KV CKT 1'	FROM->TO	0.31113	79.9	102.5519	'G07-11 115.00 115/34.5KV TRANSFORMER CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'ATWOOD - COLBY 115KV CKT 1'	FROM->TO	0.31782	76.8	102.4036	'GOODLAND TAP - RULETON 115KV CKT 1'
04ALL_PrimaryPOI	14G	0	G14_015	'KANARADO - SHARON SPRINGS 115KV CKT 1'	FROM->TO	0.32424	79.8	100.7168	'SPP-SEPC-03'
00G14_016fgsensitivity	14SP	0	G14_016	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14821	111.8	117.0337	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fgsensitivity	14SP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10849	206	103.0229	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_016fgsensitivity	14WP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10663	205.8	111.2334	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_016fgsensitivity	14WP	0	G14_016	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14681	111.9	120.214	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fgsensitivity	14WP	0	G14_016	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10663	205.8	107.6376	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_016fgsensitivity	14WP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10663	205.8	107.6376	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_016fgsensitivity	14WP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	TO->FROM	0.10663	205.8	107.2003	'T132'
00G14_016fgsensitivity	14WP	0	G14_016	'LINE 558 TAP - MT. ZION 138KV CKT 1'	FROM->TO	0.10663	205.8	104.0419	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_016fgsensitivity	14WP	0	G14_016	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10663	205.8	103.6046	'T132'
00G14_016fgsensitivity	14WP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10663	205.8	102.3898	'APRIL - WALDEN 138KV CKT 1'
00G14_016fgsensitivity	14WP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09273	205.8	101.4748	'T104'
00G14_016fgsensitivity	14WP	0	G14_016	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09201	206	101.3934	'GRIMES - MT. ZION 138KV CKT 1'
00G14_016fgsensitivity	14WP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09273	205.8	101.329	'Bryan-Grimes'
00G14_016fgsensitivity	14WP	0	G14_016	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09223	206	100.9809	'T133'
00G14_016fgsensitivity	14WP	0	G14_016	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09201	206	100.7137	'Huntsville to Grimes'
00G14_016fgsensitivity	14WP	0	G14_016	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09201	206	100.3739	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_016fgsensitivity	14WP	0	G14_016	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10663	205.2	100.0576	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_016fgsensitivity	19SP	0	G14_016	'SABINE MINING CO. T - SOUTHEAST MARSHALL 138KV CKT 1'	FROM->TO	0.16055	271.2	113.254	'DIANA - PIRKEY 345KV CKT 1'
00G14_016fgsensitivity	19SP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10521	205.9	110.4821	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_016fgsensitivity	19SP	0	G14_016	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14827	111.8	123.5754	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fgsensitivity	19SP	0	G14_016	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10521	205.9	106.7424	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_016fgsensitivity	19SP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10521	205.9	105.6254	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_016fgsensitivity	19SP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10521	205.9	105.5283	'T132'
00G14_016fgsensitivity	19SP	0	G14_016	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09076	206	103.642	'GRIMES - MT. ZION 138KV CKT 1'
00G14_016fgsensitivity	19SP	0	G14_016	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09097	206	103.0826	'T133'
00G14_016fgsensitivity	19SP	0	G14_016	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09076	206	102.9138	'Huntsville to Grimes'
00G14_016fgsensitivity	19SP	0	G14_016	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09076	206	102.574	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_016fgsensitivity	19SP	0	G14_016	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10521	205.9	101.8371	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_016fgsensitivity	19SP	0	G14_016	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10521	205.9	101.7886	'T132'
00G14_016fgsensitivity	19SP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09156	205.9	100.7208	'T104'
00G14_016fgsensitivity	19SP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09156	205.9	100.5265	'Bryan-Grimes'
00G14_016fgsensitivity	19SP	0	G14_016	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09076	206	100.9983	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14_016fgsensitivity	19WP	0	G14_016	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14741	111.4	119.0816	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fgsensitivity	24SP	0	G14_016	'RUSSELLVILLE EAST - RUSSELLVILLE NORTH 161KV CKT 1'	TO->FROM	0.03546	395.4	104.8683	'ARKANSAS NUCLEAR ONE - FT SMITH 500KV CKT 1'
00G14_016fgsensitivity	24SP	0	G14_016	'SABINE MINING CO. T - SOUTHEAST MARSHALL 138KV CKT 1'	FROM->TO	0.16035	271.1	118.2219	'DIANA - PIRKEY 345KV CKT 1'
00G14_016fgsensitivity	24SP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10523	205.9	114.224	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_016fgsensitivity	24SP	0	G14_016	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14841	111.8	126.5555	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_016fgsensitivity	24SP	0	G14_016	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10523	205.9	109.7072	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_016fgsensitivity	24SP	0	G14_016	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09077	206	108.2062	'GRIMES - MT. ZION 138KV CKT 1'
00G14_016fgsensitivity	24SP	0	G14_016	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09099	206	107.6479	'T133'
00G14_016fgsensitivity	24SP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10523	205.9	108.833	'T132'
00G14_016fgsensitivity	24SP	0	G14_016	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09077	206	107.4295	'Huntsville to Grimes'
00G14_016fgsensitivity	24SP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10523	205.9	108.6388	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_016fgsensitivity	24SP	0	G14_016	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09077	206	106.9441	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_016fgsensitivity	24SP	0	G14_016	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09077	206	104.614	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14_016fgsensitivity	24SP	0	G14_016	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10523	205.9	104.3163	'T132'
00G14_016fgsensitivity	24SP	0	G14_016	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10523	205.9	104.122	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_016fgsensitivity	24SP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09158	205.9	103.1514	'T104'
00G14_016fgsensitivity	24SP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09158	205.9	102.9571	'Bryan-Grimes'
00G14_016fgsensitivity	24SP	0	G14_016	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05803	111.8	103.2852	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_016fgsensitivity	24SP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10487	205.9	102.3339	'DIANA - PIRKEY 345KV CKT 1'
00G14_016fgsensitivity	24SP	0	G14_016	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10523	205.9	102.2764	'APRIL - WALDEN 138KV CKT 1'
00G14_016fgsensitivity	24SP	0	G14_016	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10523	205.4	101.6491	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_016fgsensitivity	24SP	0	G14_016	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05932	111.8	100.2376	'GRIMES - MT. ZION 138KV CKT 1'
00G14_017fgsensitivity	14SP	0	G14_017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14821	111.8	150.1755	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	14SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10849	206	116.1892	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_017fgsensitivity	14SP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10849	206	112.8882	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_017fgsensitivity	14SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10849	206	112.1115	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_017fgsensitivity	14SP	0	G14_017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10849	206	111.6746	'T132'
00G14_017fgsensitivity	14SP	0	G14_017	'4SPRINGBRNCH138.00 - DOBBIN 138KV CKT 1'	TO->FROM	0.14821	112	126.8716	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_017fgsensitivity	14SP	0	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09363	205.9	107.7521	'GRIMES - MT. ZION 138KV CKT 1'
00G14_017fgsensitivity	14SP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10849	206	108.8105	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_017fgsensitivity	14SP	0	G14_017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09385	205.9	107.4631	'T133'
00G14_017fgsensitivity	14SP	0	G14_017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10849	206	108.3737	'T132'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency Loading %	Contingency
00G14 017fgsensitivity	14SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09363	205.9	107.0721	'Huntsville to Grimes'
00G14 017fgsensitivity	14SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09363	205.9	106.8293	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14 017fgsensitivity	14SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09432	206	105.4324	'T104'
00G14 017fgsensitivity	14SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10849	206	106.1892	'APRIL - WALDEN 138KV CKT 1'
00G14 017fgsensitivity	14SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09432	206	105.2867	'Bryan-Grimes'
00G14 017fgsensitivity	14SP	0	G14 017	'SABINE MINING CO. T - SOUTHEAST MARSHALL 138KV CKT 1'	FROM->TO	0.16184	271.1	106.6388	'DIANA - PIRKEY 345KV CKT 1'
00G14 017fgsensitivity	14SP	0	G14 017	'4FISHCRK - 4SPRINGBRNCH138.00 138KV CKT 1'	TO->FROM	0.14821	112	113.3894	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 017fgsensitivity	14SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09363	205.9	104.4009	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14 017fgsensitivity	14SP	0	G14 017	'HUNTSVILLE - LINE 558/91 TAP 138KV CKT 1'	FROM->TO	0.13082	140.8	107.7423	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 017fgsensitivity	14SP	0	G14 017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10849	205.7	104.3509	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 017fgsensitivity	14SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10849	206	102.9853	'APRIL - LAKE FOREST 138KV CKT 1'
00G14 017fgsensitivity	14SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10849	206	102.8882	'APRIL - WALDEN 138KV CKT 1'
00G14 017fgsensitivity	14SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09432	206	102.1314	'T104'
00G14 017fgsensitivity	14SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09432	206	101.9857	'Bryan-Grimes'
00G14 017fgsensitivity	14SP	0	G14 017	'4FISHCRK - LONGMIRE 138KV CKT 1'	FROM->TO	0.14821	111.9	104.4649	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 017fgsensitivity	14SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10734	206	101.2627	'DIANA - PIRKEY 345KV CKT 1'
00G14 017fgsensitivity	14SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09175	206	101.0509	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14 017fgsensitivity	14SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10849	206	100.3154	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14 017fgsensitivity	14SP	0	G14 017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10849	205.7	100.2672	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10663	205.8	126.6735	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14681	111.9	159.3109	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10663	205.8	123.0778	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10663	205.8	123.0778	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10663	205.8	122.6404	'T132'
00G14 017fgsensitivity	14WP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10663	205.8	119.482	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10663	205.8	119.0447	'T132'
00G14 017fgsensitivity	14WP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10663	205.8	117.8299	'APRIL - WALDEN 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09273	205.8	114.9022	'T104'
00G14 017fgsensitivity	14WP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09201	206	114.7035	'GRIMES - MT. ZION 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09273	205.8	114.7564	'Bryan-Grimes'
00G14 017fgsensitivity	14WP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09223	206	114.3229	'T133'
00G14 017fgsensitivity	14WP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09201	206	114.0239	'Huntsville to Grimes'
00G14 017fgsensitivity	14WP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09201	206	113.6841	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10663	205.2	115.5429	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10663	205.8	115.0117	'APRIL - LAKE FOREST 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'4SPRINGBRNCH138.00 - DOBBIN 138KV CKT 1'	TO->FROM	0.14681	112	136.4008	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10663	205.8	114.2828	'APRIL - WALDEN 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09201	206	111.4511	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09273	205.8	111.3551	'T104'
00G14 017fgsensitivity	14WP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09273	205.8	111.1607	'Bryan-Grimes'
00G14 017fgsensitivity	14WP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10663	205.8	112.7765	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.0902	205.8	110.4156	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10663	205.2	111.9367	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10663	205.2	111.4981	'T132'
00G14 017fgsensitivity	14WP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10663	205.8	111.4159	'APRIL - LAKE FOREST 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10663	205.8	111.1244	'CONROE BULK - WOODHAVEN 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10571	205.8	110.8402	'DIANA - PIRKEY 345KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'HUNTSVILLE - LINE 558/91 TAP 138KV CKT 1'	FROM->TO	0.12962	139.1	119.3456	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'4FISHCRK - 4SPRINGBRNCH138.00 138KV CKT 1'	TO->FROM	0.14681	112	126.8472	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10663	205.8	109.2293	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09534	205.8	108.1361	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08894	205.8	107.1775	'Grimes to Navasota'
00G14 017fgsensitivity	14WP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08894	205.8	107.1775	'T153'
00G14 017fgsensitivity	14WP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.0888	205.8	107.0445	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'4FISHCRK - LONGMIRE 138KV CKT 1'	FROM->TO	0.14681	112	121.4901	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08894	205.8	106.9346	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08894	205.8	106.8374	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09534	205.8	107.2615	'DOBBIN - TUBULAR 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.0902	205.8	106.8199	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07726	205.8	105.7901	'CYPRESS - HARTBURG 500KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10663	205.8	107.5287	'CONROE BULK - WOODHAVEN 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10571	205.8	107.2445	'DIANA - PIRKEY 345KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10663	205.2	106.6735	'APRIL - WALDEN 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05883	111.9	106.348	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.06013	111.9	106.0666	'GRIMES - MT. ZION 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.06043	111.9	105.6717	'T133'
00G14 017fgsensitivity	14WP	0	G14 017	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09201	205.7	104.5159	'GRIMES - MT. ZION 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09534	205.8	104.589	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.06013	111.9	104.9942	'Huntsville to Grimes'
00G14 017fgsensitivity	14WP	0	G14 017	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09223	205.7	104.1348	'T133'
00G14 017fgsensitivity	14WP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.06013	111.9	104.7261	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09201	205.7	103.8353	'Huntsville to Grimes'
00G14 017fgsensitivity	14WP	0	G14 017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.09273	205.2	103.7372	'T104'
00G14 017fgsensitivity	14WP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08894	205.8	103.5818	'Grimes to Navasota'
00G14 017fgsensitivity	14WP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08894	205.8	103.5818	'T153'
00G14 017fgsensitivity	14WP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.0888	205.8	103.4488	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency Loading %	Contingency
00G14 017fgsensitivity	14WP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09534	205.8	103.7144	'DOBBIN - TUBULAR 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.09273	205.2	103.591	'Bryan-Grimes'
00G14 017fgsensitivity	14WP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08894	205.8	103.3875	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09201	205.7	103.495	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08894	205.8	103.2417	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10663	205.2	103.847	'APRIL - LAKE FOREST 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09173	205.8	103.0815	'BRYAN - PEE DEE 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05883	111.9	102.2372	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.06013	111.9	101.9558	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10663	205.2	101.6053	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09201	205.7	101.2588	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14 017fgsensitivity	14WP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05883	111.9	100.3605	'T132'
00G14 017fgsensitivity	14WP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.08802	206	100.042	'DIANA - PIRKEY 345KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'SABINE MINING CO. T - SOUTHEAST MARSHALL 138KV CKT 1'	FROM->TO	0.16055	271.2	128.054	'DIANA - PIRKEY 345KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10521	205.9	123.2565	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14827	111.8	156.7306	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10521	205.9	119.5168	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10521	205.9	118.3998	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10521	205.9	118.3027	'T132'
00G14 017fgsensitivity	19SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09076	206	114.6566	'GRIMES - MT. ZION 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09097	206	114.1227	'T133'
00G14 017fgsensitivity	19SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09076	206	113.9284	'Huntsville to Grimes'
00G14 017fgsensitivity	19SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09076	206	113.5886	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10521	205.9	114.6115	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10521	205.9	114.563	'T132'
00G14 017fgsensitivity	19SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09156	205.9	111.8379	'T104'
00G14 017fgsensitivity	19SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09156	205.9	111.6436	'Bryan-Grimes'
00G14 017fgsensitivity	19SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09076	206	111.1129	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10489	205.9	112.0119	'DIANA - PIRKEY 345KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10521	205.9	111.9889	'APRIL - WALDEN 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10521	205.5	110.9417	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'4SPRINGBRNCH138.00 - DOBBIN 138KV CKT 1'	TO->FROM	0.14827	111.9	125.7594	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09156	205.9	108.0496	'T104'
00G14 017fgsensitivity	19SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09156	205.9	107.9039	'Bryan-Grimes'
00G14 017fgsensitivity	19SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10521	205.9	108.4435	'APRIL - LAKE FOREST 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08908	205.9	107.0379	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10489	205.9	108.2722	'DIANA - PIRKEY 345KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10521	205.9	108.2492	'APRIL - WALDEN 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'SCOTTSVILLE - SOUTHEAST MARSHALL 138KV CKT 1'	TO->FROM	0.16055	270.2	109.4309	'DIANA - PIRKEY 345KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05802	111.8	108.1177	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'HUNTSVILLE - LINE 558/91 TAP 138KV CKT 1'	FROM->TO	0.13083	140.2	113.8416	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'PIRKEY - SABINE MINING CO. T 138KV CKT 1'	FROM->TO	0.16055	339.4	105.8581	'DIANA - PIRKEY 345KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.08731	206	105.1198	'DIANA - PIRKEY 345KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10521	205.9	106.2094	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10521	205.5	106.0268	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10521	205.5	105.9782	'T132'
00G14 017fgsensitivity	19SP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05931	111.8	106.0741	'GRIMES - MT. ZION 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.0596	111.8	105.4823	'T133'
00G14 017fgsensitivity	19SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09411	205.9	104.7064	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08782	205.9	104.0263	'T153'
00G14 017fgsensitivity	19SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08782	205.9	104.0263	'Grimes to Navasota'
00G14 017fgsensitivity	19SP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05931	111.8	104.9113	'Huntsville to Grimes'
00G14 017fgsensitivity	19SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10521	205.9	104.6553	'APRIL - LAKE FOREST 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08769	205.9	103.899	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08782	205.9	103.832	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05931	111.8	104.7324	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08782	205.9	103.6863	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09411	205.9	103.7836	'DOBBIN - TUBULAR 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10521	205.9	104.2181	'CONROE BULK - WOODHAVEN 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.0816	205.9	103.1681	'SABINE 230/24.OKV TRANSFORMER CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08908	205.9	103.2983	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05802	111.8	102.4826	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10521	205.9	102.4212	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05931	111.8	101.5124	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'4FISHCRK - 4SPRINGBRNCH138.00 138KV CKT 1'	TO->FROM	0.14827	111.6	102.8	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09411	205.9	100.9182	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09076	205.9	100.6277	'GRIMES - MT. ZION 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05802	111.8	100.6937	'T132'
00G14 017fgsensitivity	19SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10521	205.9	100.4299	'CONROE BULK - WOODHAVEN 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08782	205.9	100.2381	'Grimes to Navasota'
00G14 017fgsensitivity	19SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08782	205.9	100.2381	'T153'
00G14 017fgsensitivity	19SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06329	206	100.1404	'CHINA - CHINA PORTER SERIES CAP 230KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06329	206	100.1404	'CHINA PORTER SERIES - CHINA PORTER SERIES CAP 230KV CKT 2'
00G14 017fgsensitivity	19SP	0	G14 017	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'	FROM->TO	0.11857	206	100.1737	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08769	205.9	100.1108	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09097	205.9	100.1422	'T133'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency Loading %	Contingency
00G14 017fgsensitivity	19SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06816	206	100.0545	'4CANEYCREEK 138.00 - LEWIS CREEK SWITCHYARD 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08782	205.9	100.0924	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'
00G14 017fgsensitivity	19SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09411	205.9	100.0439	'DOBBIN - TUBULAR 138KV CKT 1'
00G14 017fgsensitivity	19WP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14741	111.4	158.5144	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 017fgsensitivity	19WP	0	G14 017	'4SPRINGBRNCH138.00 - DOBBIN 138KV CKT 1'	TO->FROM	0.14741	111.9	130.3709	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 017fgsensitivity	19WP	0	G14 017	'HUNTSVILLE - LINE 558/91 TAP 138KV CKT 1'	FROM->TO	0.13007	140.6	117.3875	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 017fgsensitivity	19WP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10572	206	105.3954	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 017fgsensitivity	19WP	0	G14 017	'4FISHCRK - 4SPRINGBRNCH138.00 138KV CKT 1'	TO->FROM	0.14741	111.9	108.7445	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 017fgsensitivity	19WP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10572	206	101.9488	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 017fgsensitivity	19WP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10572	206	101.075	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14 017fgsensitivity	19WP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10572	206	101.0264	'T132'
00G14 017fgsensitivity	24SP	0	G14 017	'RUSSELLVILLE EAST - RUSSELLVILLE NORTH 161KV CKT 1'	TO->FROM	0.03546	395.4	107.1104	'ARKANSAS NUCLEAR ONE - FT SMITH 500KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'SABINE MINING CO. T - SOUTHEAST MARSHALL 138KV CKT 1'	FROM->TO	0.16035	271.1	133.0088	'DIANA - PIRKEY 345KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	TO->FROM	0.10523	205.9	127.0008	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14841	111.8	159.742	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10523	205.9	122.4841	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09077	206	119.222	'GRIMES - MT. ZION 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09099	206	118.6904	'T133'
00G14 017fgsensitivity	24SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10523	205.9	121.6099	'T132'
00G14 017fgsensitivity	24SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09077	206	118.4453	'Huntsville to Grimes'
00G14 017fgsensitivity	24SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10523	205.9	121.4156	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09077	206	117.9598	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09077	206	115.6297	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10523	205.9	117.0931	'T132'
00G14 017fgsensitivity	24SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10523	205.9	116.8988	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09158	205.9	114.2708	'T104'
00G14 017fgsensitivity	24SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09158	205.9	114.0766	'Bryan-Grimes'
00G14 017fgsensitivity	24SP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05803	111.8	116.2615	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10487	205.9	115.067	'DIANA - PIRKEY 345KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10523	205.9	115.0533	'APRIL - WALDEN 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10523	205.4	114.457	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05932	111.8	113.5024	'GRIMES - MT. ZION 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05962	111.8	112.9148	'T133'
00G14 017fgsensitivity	24SP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05932	111.8	112.3396	'Huntsville to Grimes'
00G14 017fgsensitivity	24SP	0	G14 017	'SCOTTVILLE - SOUTHEAST MARSHALL 138KV CKT 1'	TO->FROM	0.16035	269.8	113.5978	'DIANA - PIRKEY 345KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.0873	206	109.6321	'DIANA - PIRKEY 345KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05932	111.8	111.8923	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10523	205.9	111.3136	'APRIL - LAKE FOREST 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09158	205.9	109.8027	'T104'
00G14 017fgsensitivity	24SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09158	205.9	109.6084	'Bryan-Grimes'
00G14 017fgsensitivity	24SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.0891	205.9	109.3253	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10487	205.9	110.5503	'DIANA - PIRKEY 345KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'PIRKEY - SABINE MINING CO. T 138KV CKT 1'	FROM->TO	0.16035	339.4	109.7781	'DIANA - PIRKEY 345KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10523	205.9	110.5365	'APRIL - WALDEN 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'4SPRINGBRNCH138.00 - DOBBIN 138KV CKT 1'	TO->FROM	0.14841	111.8	126.0211	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05803	111.8	109.9108	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09413	205.9	108.1107	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10523	205.4	109.0529	'T132'
00G14 017fgsensitivity	24SP	0	G14 017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10523	205.4	108.8582	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10523	205.9	108.6424	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05932	111.8	108.9406	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.0633	206	105.0942	'CHINA - CHINA PORTER SERIES CAP 230KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.0633	206	105.0942	'CHINA PORTER SERIES - CHINA PORTER SERIES CAP 230KV CKT 2'
00G14 017fgsensitivity	24SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.0633	206	104.9	'CHINA PORTER SERIES - PORTER 230KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.0633	206	104.9	'PORTER (PORTER) 230/138/13.8KV TRANSFORMER CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08784	205.9	106.7993	'T153'
00G14 017fgsensitivity	24SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08784	205.9	106.7993	'Grimes to Navasota'
00G14 017fgsensitivity	24SP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05803	111.8	108.2114	'T132'
00G14 017fgsensitivity	24SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.0633	206	104.803	'China to Porter'
00G14 017fgsensitivity	24SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09413	205.9	107.188	'DOBBIN - TUBULAR 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08784	205.9	106.605	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08771	205.9	106.5263	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08784	205.9	106.4593	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08161	205.9	105.5017	'SABINE 230/24.0KV TRANSFORMER CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10523	205.9	106.7969	'APRIL - LAKE FOREST 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07632	205.9	104.9075	'CYPRESS - HARTBURG 500KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'HUNTSVILLE - LINE 558/91 TAP 138KV CKT 1'	FROM->TO	0.13095	140.4	112.2957	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06818	206	104.331	'4CANEYCREEK 138.00 - LEWIS CREEK SWITCHYARD 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07907	206	104.6196	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.0891	205.9	104.8085	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06797	206	103.6028	'SABINE 230/24.0KV TRANSFORMER CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07907	206	103.7944	'DOBBIN - TUBULAR 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06818	206	103.2145	'4CANEYCREEK 138.00 - CONAIR 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10523	205.9	104.1257	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09413	205.9	103.6425	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09077	205.9	103.2527	'GRIMES - MT. ZION 138KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency Loading %	Contingency
00G14 017fgsensitivity	24SP	0	G14 017	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09099	205.9	102.7694	'T133'
00G14 017fgsensitivity	24SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07272	206	102.1298	'T104'
00G14 017fgsensitivity	24SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06797	206	101.9523	'SABINE 230/22.0KV TRANSFORMER CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09413	205.9	102.6712	'DOBBIN - TUBULAR 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09077	205.9	102.5242	'Huntsville to Grimes'
00G14 017fgsensitivity	24SP	0	G14 017	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07272	206	101.9356	'Bryan-Grimes'
00G14 017fgsensitivity	24SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08784	205.9	102.2825	'Grimes to Navasota'
00G14 017fgsensitivity	24SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08784	205.9	102.2825	'T153'
00G14 017fgsensitivity	24SP	0	G14 017	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05803	111.8	102.6657	'APRIL - WALDEN 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10487	205.4	102.4942	'DIANA - PIRKEY 345KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08784	205.9	102.0882	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10523	205.4	102.4804	'APRIL - WALDEN 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08771	205.9	102.0095	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08784	205.9	101.9425	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09077	205.9	101.9899	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'	FROM->TO	0.05283	206	101.1165	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'BETHEL - BROKEN BOW 138KV CKT 1'	TO->FROM	0.03421	96.8	101.5684	'PITTSBURG - VALLIANT 345KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.09158	205.4	101.7447	'T104'
00G14 017fgsensitivity	24SP	0	G14 017	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.09158	205.4	101.55	'Bryan-Grimes'
00G14 017fgsensitivity	24SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10523	205.9	101.7459	'CONROE BULK - WOODHAVEN 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08161	205.9	101.0335	'SABINE 230/24.0KV TRANSFORMER CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'	FROM->TO	0.11868	206	100.9274	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'	FROM->TO	0.05283	206	100.2912	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'MARSHALL - MARSHALL AOUT 69KV CKT 1'	TO->FROM	0.04284	236.8	100.0991	'DIANA - PIRKEY 345KV CKT 1'
00G14 017fgsensitivity	24SP	0	G14 017	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'	FROM->TO	0.11868	206	100.1021	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
0	14SP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.15099	110.7	106.0804	'GEN14 16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
0	14SP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.15099	110.7	105.99	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
0	14WP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10934	205.9	107.4875	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
0	14WP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.15094	111.1	115.2493	'GEN14 16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
0	14WP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.15094	111.1	115.1593	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
0	14WP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10934	205.9	103.8935	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
0	14WP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10934	205.9	103.8935	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
0	14WP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10934	205.9	103.4565	'T132'
0	14WP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10934	205.9	100.3481	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
0	19SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10699	205.8	104.7726	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
0	19SP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.15085	110.6	112.5852	'GEN14 16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
0	19SP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.15085	110.6	112.4948	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
0	19SP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10699	205.8	101.0311	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
0	19WP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.15107	109.9	114.5156	'GEN14 16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
0	19WP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.15107	109.9	114.5156	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
0	24SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.1071	205.8	108.7511	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
0	24SP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.15087	110.7	115.75	'GEN14 16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
0	24SP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.15087	110.7	115.6596	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
0	24SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09239	205.3	104.3475	'GRIMES - MT. ZION 138KV CKT 1'
0	24SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09261	205.3	103.8408	'T133'
0	24SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09239	205.3	103.6656	'Huntsville to Grimes'
0	24SP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.1071	205.9	104.2301	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
0	24SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09239	205.3	103.0811	'LINE 558 TAP - MT. ZION 138KV CKT 1'
0	24SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.1071	205.8	103.4061	'T132'
0	24SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.1071	205.8	103.2603	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
0	24SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09239	205.3	100.8892	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
0	24SP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05906	110.7	100.2822	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 018	14WP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10934	205.9	104.9349	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 018	14WP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.15094	111.1	108.8305	'GEN14 16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018	14WP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.15094	111.1	108.7404	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018	14WP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10934	205.9	101.341	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14 018	14WP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10934	205.9	101.341	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 018	14WP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10934	205.9	100.9039	'T132'
00G14 018	19SP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.15085	110.6	105.8756	'GEN14 16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018	19SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10699	205.8	102.1968	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 018	19SP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.15085	110.6	105.7852	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018	19WP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.15107	109.9	108.0154	'GEN14 16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018	19WP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.15107	109.9	108.0154	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018	24SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.1071	205.8	106.1703	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 018	24SP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.15087	110.7	109.0447	'GEN14 16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018	24SP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.15087	110.7	108.9544	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018	24SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09239	205.3	102.1152	'GRIMES - MT. ZION 138KV CKT 1'
00G14 018	24SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09261	205.3	101.6062	'T133'
00G14 018	24SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09239	205.3	101.4333	'Huntsville to Grimes'
00G14 018	24SP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.1071	205.9	101.6505	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 018	24SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09239	205.3	100.8488	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14 018	24SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.1071	205.8	100.8253	'T132'
00G14 018	24SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.1071	205.8	100.6795	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14821	111.8	180.2682	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10849	206	128.1441	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10849	206	124.8432	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency Loading %	Contingency
00G14 018fgsensitivity	14SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10849	206	124.0665	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10849	206	123.6296	'T132'
00G14 018fgsensitivity	14SP	0	G14 018	'4SPRINGBRNCH138.00 - DOBBIN 138KV CKT 1'	TO->FROM	0.14821	112	156.9106	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09363	205.9	118.0746	'GRIMES - MT. ZION 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10849	206	120.7655	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09385	205.9	117.8098	'T133'
00G14 018fgsensitivity	14SP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10849	206	120.3286	'T132'
00G14 018fgsensitivity	14SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09363	205.9	117.3946	'Huntsville to Grimes'
00G14 018fgsensitivity	14SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09363	205.9	117.1518	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09432	206	115.8259	'T104'
00G14 018fgsensitivity	14SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10849	206	118.1442	'APRIL - WALDEN 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09432	206	115.6802	'Bryan-Grimes'
00G14 018fgsensitivity	14SP	0	G14 018	'SABINE MINING CO. T - SOUTHEAST MARSHALL 138KV CKT 1'	FROM->TO	0.16184	271.1	120.1901	'DIANA - PIRKEY 345KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'4FISHCRK - 4SPRINGBRNCH138.00 138KV CKT 1'	TO->FROM	0.14821	112	143.4284	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09363	205.9	114.7234	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'HUNTSVILLE - LINE 558/91 TAP 138KV CKT 1'	FROM->TO	0.13082	140.8	128.8333	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10849	205.7	116.3233	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10849	206	114.9403	'APRIL - LAKE FOREST 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10849	206	114.8432	'APRIL - WALDEN 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09432	206	112.5249	'T104'
00G14 018fgsensitivity	14SP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09432	206	112.3793	'Bryan-Grimes'
00G14 018fgsensitivity	14SP	0	G14 018	'4FISHCRK - LONGMIRE 138KV CKT 1'	FROM->TO	0.14821	111.9	134.5307	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10734	206	113.0909	'DIANA - PIRKEY 345KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09175	206	111.1612	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10849	206	112.2704	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10849	205.7	112.2396	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10849	205.7	111.8021	'T132'
00G14 018fgsensitivity	14SP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10849	206	111.6393	'APRIL - LAKE FOREST 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10849	206	110.6684	'CONROE BULK - WOODHAVEN 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10734	206	109.8385	'DIANA - PIRKEY 345KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09699	206	108.5344	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09047	206	107.8597	'T153'
00G14 018fgsensitivity	14SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09047	206	107.8597	'Grimes to Navasota'
00G14 018fgsensitivity	14SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09033	206	107.7633	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09175	206	107.8602	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09047	206	107.6655	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09047	206	107.5684	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'	FROM->TO	0.11852	206	109.8729	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10849	206	108.9694	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'EASTON REC - KNOX LEE 138KV CKT 1'	FROM->TO	0.14655	546.9	104.566	'DIANA - PIRKEY 345KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'EASTON REC - PIRKEY 138KV CKT 1'	TO->FROM	0.14655	552.9	104.4621	'DIANA - PIRKEY 345KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09699	206	107.6607	'DOBBIN - TUBULAR 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'	FROM->TO	0.11852	205.9	109.2948	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05986	111.8	108.1766	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09363	206	106.4153	'GRIMES - MT. ZION 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10849	206	107.3675	'CONROE BULK - WOODHAVEN 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09385	206	106.1021	'T133'
00G14 018fgsensitivity	14SP	0	G14 018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09363	206	105.7357	'Huntsville to Grimes'
00G14 018fgsensitivity	14SP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.06119	111.8	106.778	'GRIMES - MT. ZION 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.0615	111.8	106.7048	'T133'
00G14 018fgsensitivity	14SP	0	G14 018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09363	206	105.493	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10849	205.7	106.3087	'APRIL - WALDEN 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.08939	205.9	104.9201	'DIANA - PIRKEY 345KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09699	206	105.2335	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09047	206	104.5587	'T153'
00G14 018fgsensitivity	14SP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09047	206	104.5587	'Grimes to Navasota'
00G14 018fgsensitivity	14SP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.06119	111.8	105.6152	'Huntsville to Grimes'
00G14 018fgsensitivity	14SP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09033	206	104.4623	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.06119	111.8	105.5257	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09047	206	104.3645	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09047	206	104.2674	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09699	206	104.3597	'DOBBIN - TUBULAR 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.09432	205.7	103.987	'T104'
00G14 018fgsensitivity	14SP	0	G14 018	'NAVSOTA - SOTA 138KV CKT 1'	TO->FROM	0.11852	205.7	104.9286	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.09432	205.7	103.8412	'Bryan-Grimes'
00G14 018fgsensitivity	14SP	0	G14 018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09363	206	103.0172	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05986	111.8	103.5254	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10849	205.7	103.1001	'APRIL - LAKE FOREST 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'SCOTTVILLE - SOUTHEAST MARSHALL 138KV CKT 1'	TO->FROM	0.16184	270.2	103.3069	'DIANA - PIRKEY 345KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'	TO->FROM	0.10899	205.7	102.931	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06524	205.9	101.5682	'CHINA - CHINA PORTER SERIES CAP 230KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06524	205.9	101.5682	'CHINA PORTER SERIES - CHINA PORTER SERIES CAP 230KV CKT 2'
00G14 018fgsensitivity	14SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.08152	205.9	101.7922	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.06119	111.8	102.3951	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06524	205.9	101.4225	'CHINA PORTER SERIES - PORTER 230KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06524	205.9	101.4225	'PORTER (PORTER) 230/138/13.8KV TRANSFORMER CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency Loading %	Contingency
00G14 018fgsensitivity	14SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07025	205.9	101.4842	'4CANEYCREEK 138.00 - LEWIS CREEK SWITCHYARD 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06524	205.9	101.3254	'China to Porter'
00G14 018fgsensitivity	14SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07003	205.9	100.9719	'SABINE 230/24.0KV TRANSFORMER CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05986	111.8	101.4682	'T132'
00G14 018fgsensitivity	14SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.08152	205.9	101.0637	'DOBBIN - TUBULAR 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10734	205.7	101.2481	'DIANA - PIRKEY 345KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07025	205.9	100.4643	'4CANEYCREEK 138.00 - CONAIR 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'NAVSOTA - TUBULAR 138KV CKT 1'	FROM->TO	0.14821	205.7	100.9431	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.15086	111.8	101.1677	'GEN14 16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10849	205.7	100.4263	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14 018fgsensitivity	14SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07495	205.9	100.2743	'T104'
00G14 018fgsensitivity	14SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07495	205.9	100.1286	'Bryan-Grimes'
00G14 018fgsensitivity	14WP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10663	205.8	138.5385	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14681	111.9	189.3551	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10663	205.8	134.9428	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10663	205.8	134.9428	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10663	205.8	134.5055	'T132'
00G14 018fgsensitivity	14WP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10663	205.8	131.3471	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10663	205.8	130.9098	'T132'
00G14 018fgsensitivity	14WP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10663	205.8	129.695	'APRIL - WALDEN 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09273	205.8	125.2206	'T104'
00G14 018fgsensitivity	14WP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09201	206	124.9318	'GRIMES - MT. ZION 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09273	205.8	125.0748	'Bryan-Grimes'
00G14 018fgsensitivity	14WP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09223	206	124.5757	'T133'
00G14 018fgsensitivity	14WP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09201	206	124.2522	'Huntsville to Grimes'
00G14 018fgsensitivity	14WP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09201	206	123.9124	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10663	205.2	127.4426	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10663	205.8	126.8767	'APRIL - LAKE FOREST 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'4SPRINGBRNCH138.00 - DOBBIN 138KV CKT 1'	TO->FROM	0.14681	112	166.4182	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10663	205.8	126.1478	'APRIL - WALDEN 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09201	206	121.6794	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09273	205.8	121.6734	'T104'
00G14 018fgsensitivity	14WP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09273	205.8	121.479	'Bryan-Grimes'
00G14 018fgsensitivity	14WP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10663	205.8	124.6415	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.0902	205.8	120.4525	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10663	205.2	123.8364	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10663	205.2	123.3978	'T132'
00G14 018fgsensitivity	14WP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10663	205.8	123.281	'APRIL - LAKE FOREST 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10663	205.8	122.9894	'CONROE BULK - WOODHAVEN 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10571	205.8	122.6029	'DIANA - PIRKEY 345KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'HUNTSVILLE - LINE 558/91 TAP 138KV CKT 1'	FROM->TO	0.12962	139.1	140.6849	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'4FISHCRK - 4SPRINGBRNCH138.00 138KV CKT 1'	TO->FROM	0.14681	112	156.8646	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10663	205.8	121.0944	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09534	205.8	118.7449	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08894	205.8	117.0742	'Grimes to Navasota'
00G14 018fgsensitivity	14WP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08894	205.8	117.0742	'T153'
00G14 018fgsensitivity	14WP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.0888	205.8	116.9256	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'4FISHCRK - LONGMIRE 138KV CKT 1'	FROM->TO	0.14681	112	151.5075	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08894	205.8	116.8312	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08894	205.8	116.734	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09534	205.8	117.8703	'DOBBIN - TUBULAR 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.0902	205.8	116.8568	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07726	205.8	114.3871	'CYPRESS - HARTBURG 500KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10663	205.8	119.3937	'CONROE BULK - WOODHAVEN 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10571	205.8	119.0072	'DIANA - PIRKEY 345KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10663	205.2	118.5732	'APRIL - WALDEN 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05883	111.9	118.3874	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.06013	111.9	118.372	'GRIMES - MT. ZION 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.06043	111.9	118.0385	'T133'
00G14 018fgsensitivity	14WP	0	G14 018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09201	205.7	114.7591	'GRIMES - MT. ZION 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09534	205.8	115.1978	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.06013	111.9	117.2996	'Huntsville to Grimes'
00G14 018fgsensitivity	14WP	0	G14 018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09223	205.7	114.4025	'T133'
00G14 018fgsensitivity	14WP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.06013	111.9	117.0315	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09201	205.7	114.0785	'Huntsville to Grimes'
00G14 018fgsensitivity	14WP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.09273	205.2	114.0857	'T104'
00G14 018fgsensitivity	14WP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08894	205.8	113.4784	'Grimes to Navasota'
00G14 018fgsensitivity	14WP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08894	205.8	113.4784	'T153'
00G14 018fgsensitivity	14WP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.0888	205.8	113.3298	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09534	205.8	114.3232	'DOBBIN - TUBULAR 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.09273	205.2	113.9395	'Bryan-Grimes'
00G14 018fgsensitivity	14WP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08894	205.8	113.2841	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09201	205.7	113.7382	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08894	205.8	113.1383	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10663	205.2	115.7467	'APRIL - LAKE FOREST 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09173	205.8	113.2886	'BRYAN - PEE DEE 138KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency Loading %	Contingency
00G14 018fgsensitivity	14WP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05883	111.9	114.2766	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.06013	111.9	114.2612	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10663	205.2	113.505	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09201	205.7	111.502	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05883	111.9	112.3999	'T132'
00G14 018fgsensitivity	14WP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.08802	206	109.8268	'DIANA - PIRKEY 345KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10663	205.2	111.8481	'CONROE BULK - WOODHAVEN 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10571	205.2	111.4604	'DIANA - PIRKEY 345KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.0902	205.2	109.3037	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'	FROM->TO	0.11741	205.8	111.9835	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'	FROM->TO	0.11741	205.6	111.4115	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.08012	206	107.413	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.08012	206	106.6363	'DOBBIN - TUBULAR 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.09534	205.2	107.5912	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05883	111.9	108.3784	'APRIL - WALDEN 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06905	206	105.0494	'4CANEY CREEK 138.00 - LEWIS CREEK SWITCHYARD 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.09534	205.2	106.714	'DOBBIN - TUBULAR 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.08012	206	105.4712	'T154'
00G14 018fgsensitivity	14WP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.08012	206	105.4712	'Navasota-Longmire'
00G14 018fgsensitivity	14WP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07366	206	104.8966	'T104'
00G14 018fgsensitivity	14WP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08894	205.2	105.8668	'T153'
00G14 018fgsensitivity	14WP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08894	205.2	105.8668	'Grimes to Navasota'
00G14 018fgsensitivity	14WP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07366	206	104.751	'Bryan-Grimes'
00G14 018fgsensitivity	14WP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.0888	205.2	105.7665	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08894	205.2	105.6719	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08262	205.8	105.2287	'BASE CASE'
00G14 018fgsensitivity	14WP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08894	205.2	105.5744	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06412	206	103.9198	'CHINA PORTER SERIES - CHINA PORTER SERIES CAP 230KV CKT 2'
00G14 018fgsensitivity	14WP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06412	206	103.9198	'CHINA - CHINA PORTER SERIES CAP 230KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06412	206	103.8227	'CHINA PORTER SERIES - PORTER 230KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06412	206	103.8227	'PORTER (PORTER) 230/138/13.8KV TRANSFORMER CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06412	206	103.7741	'China to Porter'
00G14 018fgsensitivity	14WP	0	G14 018	'NAVSOTA - SOTA 138KV CKT 1'	TO->FROM	0.11741	205.3	106.6059	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'SABINE MINING CO. T - SOUTHEAST MARSHALL 138KV CKT 1'	FROM->TO	0.1595	286	106.0426	'DIANA - PIRKEY 345KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05883	111.9	105.1613	'APRIL - LAKE FOREST 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'	TO->FROM	0.10797	205.3	104.932	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'NAVSOTA - TUBULAR 138KV CKT 1'	FROM->TO	0.14681	205.9	105.9196	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.15072	111.9	111.2103	'GEN14 16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'LINE 558/91 TAP - RIVTRIN 138KV CKT 1'	FROM->TO	0.12962	188	103.9323	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05883	111.9	102.659	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08262	205.8	101.633	'BASE CASE'
00G14 018fgsensitivity	14WP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05883	111.9	100.693	'CONROE BULK - WOODHAVEN 138KV CKT 1'
00G14 018fgsensitivity	14WP	0	G14 018	'APRIL - WALDEN 138KV CKT 1'	TO->FROM	0.09201	204.6	100.2735	'GRIMES - MT. ZION 138KV CKT 1'
00G14 018fgsensitivity	19SP	0	G14 018	'SABINE MINING CO. T - SOUTHEAST MARSHALL 138KV CKT 1'	FROM->TO	0.16055	271.2	141.4923	'DIANA - PIRKEY 345KV CKT 1'
00G14 018fgsensitivity	19SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10521	205.9	134.8557	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 018fgsensitivity	19SP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14827	111.8	186.8355	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018fgsensitivity	19SP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10521	205.9	131.116	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 018fgsensitivity	19SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10521	205.9	129.999	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14 018fgsensitivity	19SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10521	205.9	129.9018	'T132'
00G14 018fgsensitivity	19SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09076	206	124.6578	'GRIMES - MT. ZION 138KV CKT 1'
00G14 018fgsensitivity	19SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09097	206	124.147	'T133'
00G14 018fgsensitivity	19SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09076	206	123.9296	'Huntsville to Grimes'
00G14 018fgsensitivity	19SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09076	206	123.5898	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14 018fgsensitivity	19SP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10521	205.9	126.2107	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14 018fgsensitivity	19SP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10521	205.9	126.1621	'T132'
00G14 018fgsensitivity	19SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09156	205.9	121.9321	'T104'
00G14 018fgsensitivity	19SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09156	205.9	121.7378	'Bryan-Grimes'
00G14 018fgsensitivity	19SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09076	206	121.1141	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14 018fgsensitivity	19SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10489	205.9	123.5758	'DIANA - PIRKEY 345KV CKT 1'
00G14 018fgsensitivity	19SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10521	205.9	123.5881	'APRIL - WALDEN 138KV CKT 1'
00G14 018fgsensitivity	19SP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10521	205.5	122.5634	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 018fgsensitivity	19SP	0	G14 018	'SPRINGBRNCH138.00 - DOBBIN 138KV CKT 1'	TO->FROM	0.14827	111.9	155.8374	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018fgsensitivity	19SP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09156	205.9	118.1439	'T104'
00G14 018fgsensitivity	19SP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09156	205.9	117.9982	'Bryan-Grimes'
00G14 018fgsensitivity	19SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10521	205.9	120.0427	'APRIL - LAKE FOREST 138KV CKT 1'
00G14 018fgsensitivity	19SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08908	205.9	116.8588	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14 018fgsensitivity	19SP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10489	205.9	119.8361	'DIANA - PIRKEY 345KV CKT 1'
00G14 018fgsensitivity	19SP	0	G14 018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10521	205.9	119.8484	'APRIL - WALDEN 138KV CKT 1'
00G14 018fgsensitivity	19SP	0	G14 018	'SCOTTSVILLE - SOUTHEAST MARSHALL 138KV CKT 1'	TO->FROM	0.16055	270.2	122.919	'DIANA - PIRKEY 345KV CKT 1'
00G14 018fgsensitivity	19SP	0	G14 018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05802	111.8	119.8981	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14 018fgsensitivity	19SP	0	G14 018	'HUNTSVILLE - LINE 558/91 TAP 138KV CKT 1'	FROM->TO	0.13083	140.2	135.0245	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14 018fgsensitivity	19SP	0	G14 018	'PIRKEY - SABINE MINING CO. T 138KV CKT 1'	FROM->TO	0.16055	339.4	116.5961	'DIANA - PIRKEY 345KV CKT 1'
00G14 018fgsensitivity	19SP	0	G14 018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.08731	206	114.7409	'DIANA - PIRKEY 345KV CKT 1'
00G14 018fgsensitivity	19SP	0	G14 018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10521	205.9	117.8086	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14 018fgsensitivity	19SP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10521	205.5	117.6486	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14 018fgsensitivity	19SP	0	G14 018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10521	205.5	117.5999	'T132'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency Loading %	Contingency
00G14_018fgsensitivity	19SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05931	111.8	118.1165	'GRIMES - MT. ZION 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.0596	111.8	117.5835	'T133'
00G14_018fgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09411	205.9	115.0818	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08782	205.9	113.7082	'T153'
00G14_018fgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08782	205.9	113.7082	'Grimes to Navasota'
00G14_018fgsensitivity	19SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05931	111.8	116.9537	'Huntsville to Grimes'
00G14_018fgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10521	205.9	116.2544	'APRIL - LAKE FOREST 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08769	205.9	113.5667	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08782	205.9	113.514	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05931	111.8	116.7748	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08782	205.9	113.3683	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09411	205.9	114.159	'DOBBIN - TUBULAR 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10521	205.9	115.8173	'CONROE BULK - WOODHAVEN 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.0816	205.9	112.1644	'SABINE 230/24.OKV TRANSFORMER CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08908	205.9	113.1191	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05802	111.8	114.263	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10521	205.9	114.0203	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05931	111.8	113.5548	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'4FISHCRK - 4SPRINGBRNCH138.00 138KV CKT 1'	TO->FROM	0.14827	111.6	132.9588	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09411	205.9	111.2936	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09076	205.9	110.6338	'GRIMES - MT. ZION 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05802	111.8	112.4741	'T132'
00G14_018fgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10521	205.9	112.0291	'CONROE BULK - WOODHAVEN 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08782	205.9	109.92	'Grimes to Navasota'
00G14_018fgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08782	205.9	109.92	'T153'
00G14_018fgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06329	206	107.1146	'CHINA - CHINA PORTER SERIES CAP 230KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06329	206	107.1146	'CHINA PORTER SERIES - CHINA PORTER SERIES CAP 230KV CKT 2'
00G14_018fgsensitivity	19SP	0	G14_018	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'	FROM->TO	0.11857	206	113.2395	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08769	205.9	109.7784	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09097	205.9	110.1714	'T133'
00G14_018fgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06816	206	107.5654	'4CANEYCREEK 138.00 - LEWIS CREEK SWITCHYARD 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08782	205.9	109.7743	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09411	205.9	110.4194	'DOBBIN - TUBULAR 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06329	206	106.969	'CHINA PORTER SERIES - PORTER 230KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06329	206	106.969	'PORTER (PORTER) 230/138/13.8KV TRANSFORMER CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08782	205.9	109.6286	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09076	205.9	109.9053	'Huntsville to Grimes'
00G14_018fgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06329	206	106.8719	'China to Porter'
00G14_018fgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07906	206	108.4749	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10489	205.5	111.2616	'DIANA - PIRKEY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10521	205.5	111.2739	'APRIL - WALDEN 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06795	206	107.1538	'SABINE 230/24.OKV TRANSFORMER CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09076	205.9	109.5653	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'	FROM->TO	0.11857	206	112.4628	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.09156	205.5	109.6147	'T104'
00G14_018fgsensitivity	19SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.0816	205.9	108.3761	'SABINE 230/24.OKV TRANSFORMER CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.09156	205.5	109.4201	'Bryan-Grimes'
00G14_018fgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07906	206	107.6496	'DOBBIN - TUBULAR 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06816	206	106.5459	'4CANEYCREEK 138.00 - CONAIR 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'4FISHCRK - LONGMIRE 138KV CKT 1'	FROM->TO	0.14827	111.5	123.4817	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07271	206	106.1106	'T104'
00G14_018fgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07271	206	105.965	'Bryan-Grimes'
00G14_018fgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06795	206	105.5033	'SABINE 230/22.OKV TRANSFORMER CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09076	205.9	107.137	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10521	205.5	107.7216	'APRIL - LAKE FOREST 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'	FROM->TO	0.05282	206	103.8278	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'NAVSOTA - SOTA 138KV CKT 1'	TO->FROM	0.11857	205.7	108.3973	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05802	111.8	107.018	'APRIL - WALDEN 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'LONGWOOD - SCOTTSVILLE 138KV CKT 1'	TO->FROM	0.16055	295.8	106.8719	'DIANA - PIRKEY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'	FROM->TO	0.05282	206	103.0511	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'	TO->FROM	0.10903	205.8	105.7129	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10521	205.5	105.4345	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08908	205.5	104.5315	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05578	111.8	103.4608	'DIANA - PIRKEY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10521	205.5	103.4393	'CONROE BULK - WOODHAVEN 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'NAVSOTA - TUBULAR 138KV CKT 1'	FROM->TO	0.14827	205.7	104.6583	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'	TO->FROM	0.05125	205.8	101.5452	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.09411	205.5	102.7024	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05802	111.8	102.9929	'APRIL - LAKE FOREST 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.1507	111.8	107.3281	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'	TO->FROM	0.05125	205.8	101.1079	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.09411	205.5	101.8265	'DOBBIN - TUBULAR 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.0816	205.9	101.3824	'BASE CASE'
00G14_018fgsensitivity	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08782	205.5	101.3262	'T153'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency Loading %	Contingency
00G14_018fgsensitivity	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08782	205.5	101.3262	'Grimes to Navasota'
00G14_018fgsensitivity	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08769	205.5	101.1843	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08782	205.5	101.1802	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08782	205.5	101.0342	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.08731	205.9	100.7607	'DIANA - PIRKEY 345KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05802	111.8	100.399	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14_018fgsensitivity	19SP	0	G14_018	'LINE 558/91 TAP - RIVTRIN 138KV CKT 1'	FROM->TO	0.13083	188.9	100.0552	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14741	111.4	188.8168	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'4SPRINGBRNCH138.00 - DOBBIN 138KV CKT 1'	TO->FROM	0.14741	111.9	160.5379	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'HUNTSVILLE - LINE 558/91 TAP 138KV CKT 1'	FROM->TO	0.13007	140.6	138.5725	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10572	206	117.1477	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'4FISHCRK - 4SPRINGBRNCH138.00 138KV CKT 1'	TO->FROM	0.14741	111.9	138.9115	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10572	206	113.7011	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10572	206	112.8273	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10572	206	112.7788	'T132'
00G14_018fgsensitivity	19WP	0	G14_018	'4FISHCRK - LONGMIRE 138KV CKT 1'	FROM->TO	0.14741	111.9	127.1152	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'	FROM->TO	0.11787	206	110.4902	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10572	206	109.3807	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10572	206	109.3322	'T132'
00G14_018fgsensitivity	19WP	0	G14_018	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'	FROM->TO	0.11787	205.9	110.0096	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'SABINE MINING CO. T - SOUTHEAST MARSHALL 138KV CKT 1'	FROM->TO	0.15982	286.2	109.6869	'DIANA - PIRKEY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.0912	205.9	107.3566	'GRIMES - MT. ZION 138KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09141	205.9	106.8509	'T133'
00G14_018fgsensitivity	19WP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.0912	205.9	106.7252	'Huntsville to Grimes'
00G14_018fgsensitivity	19WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10519	206	107.6328	'DIANA - PIRKEY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09201	206	106.6794	'T104'
00G14_018fgsensitivity	19WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09201	206	106.5338	'Bryan-Grimes'
00G14_018fgsensitivity	19WP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.0912	205.9	106.4338	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10572	206	107.1477	'APRIL - WALDEN 138KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10572	205.9	106.1313	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'NAVSOTA - SOTA 138KV CKT 1'	TO->FROM	0.11787	205.7	106.5677	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.0912	205.9	104.2969	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'EASTON REC - KNOX LEE 138KV CKT 1'	FROM->TO	0.14647	597.6	102.3145	'DIANA - PIRKEY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10519	206	104.1862	'DIANA - PIRKEY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10572	206	103.9438	'APRIL - LAKE FOREST 138KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'NAVSOTA - TUBULAR 138KV CKT 1'	FROM->TO	0.14741	205.4	105.3272	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.15087	111.4	109.8364	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09201	206	103.2328	'T104'
00G14_018fgsensitivity	19WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10572	206	103.7011	'APRIL - WALDEN 138KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09201	206	103.0872	'Bryan-Grimes'
00G14_018fgsensitivity	19WP	0	G14_018	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'	TO->FROM	0.1084	205.6	103.4778	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'COFFEE (RAYBURN) - JACKSONVILLE (SWE-RC-ETEC) 138KV CKT 1'	TO->FROM	0.07858	214.9	102.1435	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.0583	111.4	102.7601	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08951	206	102.3153	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'LINE 558/91 TAP - RIVTRIN 138KV CKT 1'	FROM->TO	0.13007	189.2	102.8715	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10572	206	102.0021	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10572	205.9	101.7602	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10572	205.9	101.7602	'T132'
00G14_018fgsensitivity	19WP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.0596	111.4	101.7573	'GRIMES - MT. ZION 138KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05989	111.4	101.0564	'T133'
00G14_018fgsensitivity	19WP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.0596	111.4	100.7698	'Huntsville to Grimes'
00G14_018fgsensitivity	19WP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.0596	111.4	100.5005	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10572	206	100.5458	'APRIL - LAKE FOREST 138KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10572	206	100.4001	'CONROE BULK - WOODHAVEN 138KV CKT 1'
00G14_018fgsensitivity	19WP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09457	206	100.1432	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'RUSSELLVILLE EAST - RUSSELLVILLE NORTH 161KV CKT 1'	TO->FROM	0.03546	395.4	109.1461	'ARKANSAS NUCLEAR ONE - FT SMITH 500KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'SABINE MINING CO. T - SOUTHEAST MARSHALL 138KV CKT 1'	FROM->TO	0.16035	271.1	146.4354	'DIANA - PIRKEY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10523	205.9	138.6022	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.14841	111.8	189.8753	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10523	205.9	134.0854	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09077	206	129.2243	'GRIMES - MT. ZION 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09099	206	128.717	'T133'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency Loading %	Contingency
00G14_018fgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10523	205.9	133.2112	'T132'
00G14_018fgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09077	206	128.4476	'Huntsville to Grimes'
00G14_018fgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10523	205.9	133.017	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09077	206	127.9622	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.09077	206	125.6321	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10523	205.9	128.6945	'T132'
00G14_018fgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10523	205.9	128.5002	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09158	205.9	124.3673	'T104'
00G14_018fgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09158	205.9	124.1731	'Bryan-Grimes'
00G14_018fgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05803	111.8	128.0439	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10487	205.9	126.6287	'DIANA - PIRKEY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10523	205.9	126.6546	'APRIL - WALDEN 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10523	205.4	126.0866	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05932	111.8	125.5468	'GRIMES - MT. ZION 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05962	111.8	125.0201	'T133'
00G14_018fgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05932	111.8	124.384	'Huntsville to Grimes'
00G14_018fgsensitivity	24SP	0	G14_018	'SCOTTSVILLE - SOUTHEAST MARSHALL 138KV CKT 1'	TO->FROM	0.16035	269.8	127.0891	'DIANA - PIRKEY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.0873	206	119.252	'DIANA - PIRKEY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05932	111.8	123.9367	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10523	205.9	122.915	'APRIL - LAKE FOREST 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09158	205.9	119.8991	'T104'
00G14_018fgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09158	205.9	119.7049	'Bryan-Grimes'
00G14_018fgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.0891	205.9	119.1483	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10487	205.9	122.1119	'DIANA - PIRKEY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'PIRKEY - SABINE MINING CO. T 138KV CKT 1'	FROM->TO	0.16035	339.4	120.5028	'DIANA - PIRKEY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10523	205.9	122.1379	'APRIL - WALDEN 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'4SPRINGBRNCH138.00 - DOBBIN 138KV CKT 1'	TO->FROM	0.14841	111.8	156.1544	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05803	111.8	121.6933	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09413	205.9	118.4884	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10523	205.4	120.6825	'T132'
00G14_018fgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10523	205.4	120.4878	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.10523	205.9	120.2438	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05932	111.8	120.985	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.0633	206	112.0695	'CHINA - CHINA PORTER SERIES CAP 230KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.0633	206	112.0695	'CHINA PORTER SERIES - CHINA PORTER SERIES CAP 230KV CKT 2'
00G14_018fgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.0633	206	111.8753	'CHINA PORTER SERIES - PORTER 230KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.0633	206	111.8753	'PORTER (PORTER) 230/138/13.8KV TRANSFORMER CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08784	205.9	116.4834	'T153'
00G14_018fgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08784	205.9	116.4834	'Grimes to Navasota'
00G14_018fgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05803	111.8	119.9938	'T132'
00G14_018fgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.0633	206	111.7782	'China to Porter'
00G14_018fgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.09413	205.9	117.5656	'DOBBIN - TUBULAR 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08784	205.9	116.2892	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08771	205.9	116.1961	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08784	205.9	116.1435	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08161	205.9	114.499	'SABINE 230/24.0KV TRANSFORMER CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10523	205.9	118.3982	'APRIL - LAKE FOREST 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.07632	205.9	113.3217	'CYPRESS - HARTBURG 500KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558/91 TAP 138KV CKT 1'	FROM->TO	0.13095	140.4	133.4678	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06818	206	111.844	'4CANEYCREEK 138.00 - LEWIS CREEK SWITCHYARD 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07907	206	113.3327	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.0891	205.9	114.6316	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06797	206	111.0927	'SABINE 230/24.0KV TRANSFORMER CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07907	206	112.5074	'DOBBIN - TUBULAR 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06818	206	110.7275	'4CANEYCREEK 138.00 - CONAIR 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10523	205.9	115.727	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09413	205.9	114.0202	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09077	205.9	113.2599	'GRIMES - MT. ZION 138KV CKT 1'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency Loading %	Contingency
00G14_018fgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09099	205.9	112.8009	'T133'
00G14_018fgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07272	206	110.1431	'T104'
00G14_018fgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06797	206	109.4422	'SABINE 230/22.0KV TRANSFORMER CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.09413	205.9	113.0488	'DOBBIN - TUBULAR 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09077	205.9	112.5314	'Huntsville to Grimes'
00G14_018fgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.07272	206	109.949	'Bryan-Grimes'
00G14_018fgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08784	205.9	111.9667	'Grimes to Navasota'
00G14_018fgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08784	205.9	111.9667	'T153'
00G14_018fgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05803	111.8	114.4482	'APRIL - WALDEN 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10487	205.4	114.084	'DIANA - PIRKEY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08784	205.9	111.7724	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10523	205.4	114.11	'APRIL - WALDEN 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08771	205.9	111.6794	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08784	205.9	111.6267	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09077	205.9	111.9971	'LINE 558 TAP - MT. ZION 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'	FROM->TO	0.05283	206	106.938	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'BETHEL - BROKEN BOW 138KV CKT 1'	TO->FROM	0.03421	96.8	109.5907	'PITTSBURG - VALLIANT 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.09158	205.4	111.8658	'T104'
00G14_018fgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.09158	205.4	111.671	'Bryan-Grimes'
00G14_018fgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.10523	205.9	113.3472	'CONROE BULK - WOODHAVEN 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'LINE 558 TAP - MT. ZION 138KV CKT 1'	TO->FROM	0.08161	205.9	110.0308	'SABINE 230/24.0KV TRANSFORMER CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'	FROM->TO	0.11868	206	114.0052	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'	FROM->TO	0.05283	206	106.1128	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'MARSHALL - MARSHALL AUTO 69KV CKT 1'	TO->FROM	0.04284	236.8	104.2058	'DIANA - PIRKEY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'	FROM->TO	0.11868	206	113.18	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.09077	205.9	109.6659	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05577	111.8	110.789	'DIANA - PIRKEY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'4FISHCRK - 4SPRINGBRNCH138.00 138KV CKT 1'	TO->FROM	0.14841	111.4	128.5284	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10523	205.4	110.3612	'APRIL - LAKE FOREST 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05803	111.8	110.2443	'APRIL - LAKE FOREST 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'LONGWOOD - SCOTTSVILLE 138KV CKT 1'	TO->FROM	0.16035	295.3	110.5271	'DIANA - PIRKEY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'	TO->FROM	0.05126	205.8	104.2211	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.0891	205.4	106.5854	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10523	205.4	107.6835	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'	TO->FROM	0.05126	205.8	103.7352	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'NAVSOTA - SOTA 138KV CKT 1'	TO->FROM	0.11868	205.7	108.3377	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04809	111.8	106.0424	'BRYAN - COLLEGE STATION TAP 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05803	111.8	107.2031	'LAKE FOREST - WOODHAVEN 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.09413	205.4	105.9725	'NAVSOTA - TUBULAR 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04343	111.8	105.0758	'LEWIS CREEK SWITCHYARD 138/22.0KV TRANSFORMER CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04343	111.8	105.0758	'LEWIS CREEK SWITCHYARD 138/22.0KV TRANSFORMER CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'4FISHCRK - LONGMIRE 138KV CKT 1'	FROM->TO	0.14841	111.2	117.2488	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.09413	205.4	104.9988	'DOBBIN - TUBULAR 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'	TO->FROM	0.10913	205.8	105.6985	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.10523	205.4	105.2979	'CONROE BULK - WOODHAVEN 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'GRIMES - MT. ZION 138KV CKT 1'	FROM->TO	0.08161	205.9	103.7171	'BASE CASE'
00G14_018fgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08784	205.4	103.914	'T153'
00G14_018fgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08784	205.4	103.914	'Grimes to Navasota'
00G14_018fgsensitivity	24SP	0	G14_018	'NAVSOTA - TUBULAR 138KV CKT 1'	FROM->TO	0.14841	205.7	106.4563	'LEBROCK - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08784	205.4	103.7193	'GRIMES - MAGNOLIA ANDERSON 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.05803	111.8	104.4303	'CONROE BULK - WOODHAVEN 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08771	205.4	103.626	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'JEFFERSON SWITCHING - MARSHALL 138KV CKT 1'	TO->FROM	0.13425	237.4	104.765	'DIANA - PIRKEY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'HUNTSVILLE - LINE 558 TAP 138KV CKT 1'	TO->FROM	0.08784	205.4	103.5732	'MAGNOLIA ANDERSON - SOTA 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - WALDEN 138KV CKT 1'	FROM->TO	0.0873	205.9	103.3313	'DIANA - PIRKEY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.15071	111.8	110.2861	'GEN14_16T 345.00 - TENASKA RUSK COUNTY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'	TO->FROM	0.05126	205.8	101.6944	'Grimes to Navasota'
00G14_018fgsensitivity	24SP	0	G14_018	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'	TO->FROM	0.05126	205.8	101.6944	'T153'

Group	Season	Scenario	Source	Monitored Element	Direction	TDF	Rating	Contingency Loading %	Contingency
00G14_018fgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04959	111.8	102.8724	'BRYAN - PEE DEE 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'NAVSOTA - SOTA 138KV CKT 1'	TO->FROM	0.05283	205.7	101.2602	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'COLLEGE STATION TAP - GRIMES 138KV CKT 1'	TO->FROM	0.05126	205.8	100.9655	'NAVSOTA - SOTA 138KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'BETHEL - NASHOBA 138KV CKT 1'	FROM->TO	0.03421	96.3	101.2293	'PITTSBURG - VALLIANT 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'MARSHALL - PIRKEY 138KV CKT 1'	TO->FROM	0.17709	490.8	101.0537	'DIANA - PIRKEY 345KV CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'DOBBIN - TUBULAR 138KV CKT 1'	TO->FROM	0.04343	111.8	100.8718	'SABINE 230/24.0KV TRANSFORMER CKT 1'
00G14_018fgsensitivity	24SP	0	G14_018	'4BENTWATER 138.00 - GRIMES 138KV CKT 1'	TO->FROM	0.06797	206	100.2189	'BASE CASE'