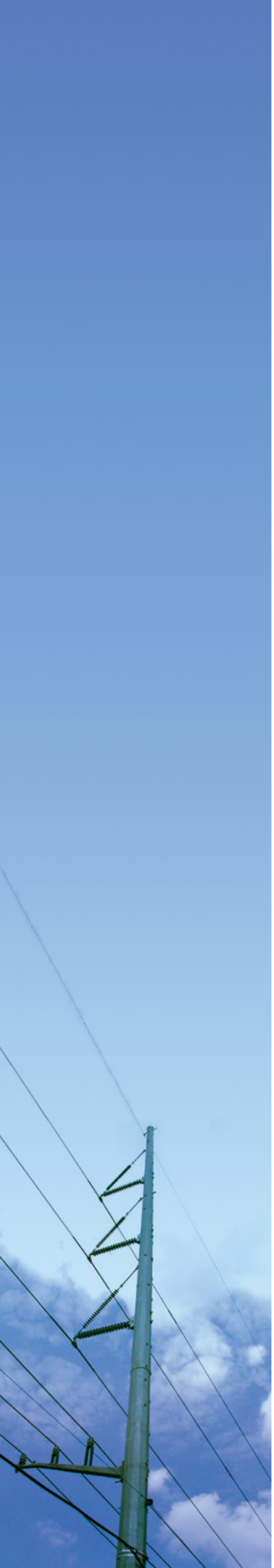


Impact Cluster Study for Generation Interconnection Requests

Southwest Power Pool
Engineering Department
Generation Interconnection Studies

(ICS-2008-001-2)
ReStudy #2
May 2010

SPP RESTRICTED

SPP Southwest Power Pool

Executive Summary

Southwest Power Pool has conducted this Impact Re-Study for certain generation interconnection requests in the SPP Generation Interconnection Queue to account for interconnection requests that have withdrawn from the interconnection queue since the Facility Cluster Study (FCS-2008-001) was posted. These interconnection requests have been clustered together for the following Impact Cluster Study. This Impact Cluster Study analyzes the interconnecting of multiple generation interconnection requests associated with new generation totaling 5,851 MW of new generation which would be located within the transmission systems of Mid-Kansas Electric Power LLC (MKEC), Oklahoma Gas and Electric (OKGE), Southwestern Public Service (SPS), Sunflower Electric Power Corporation (SUNC), Westar Energy (WERE) and/or Western Farmers Electric Cooperative (WFEC). The various generation interconnection requests have differing proposed in-service dates[1]. The generation interconnection requests included in this Impact Cluster Study are listed in Appendix A by their queue number, amount, area, requested interconnection point, proposed interconnection point, and the requested in-service date.

Power flow analysis has indicated that for the powerflow cases studied, 5,851 MW of nameplate generation may be interconnected with transmission system reinforcements within the SPP transmission system.

Changes from the ICS-2008-001-1 restudy include the following

- Withdrawal of GEN-2007-008
- Withdrawal of GEN-2007-045
- Removal of the following shared upgrades
    - Conway – Wheeler 345kV
    - Conway 345/115kV autotransformer
    - Wheeler – Anadarko 345kV
    - Wheeler 345/230kV autotransformer
    - Grapevine 230/115kV autotransformer replacement

A limited dynamic stability analysis was performed for this restudy. The study models were adjusted to reflect the changes listed above and a limited number of 345kV outages were simulated to determine that transmission system stability would be maintained. The power factor analysis was not performed again. Dynamic Stability Analysis has determined that the transmission system will remain stable with the assigned Network Upgrades and Interconnection Facilities to the Impact Cluster Study Generation Interconnection Customers. Q-V analysis determined that the Gray County – Stevens County 345kV transmission line is still required for the outage of the Hitchland – Finney 345kV transmission line.

The need for reactive compensation in accordance with Order No. 661-A for wind farm interconnection requests and those requirements were determined in the previous Impact Study ICS-2008-001-1 and those results still apply.

[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 completion of the Facility Study.

The total estimated minimum cost for interconnecting the studied generation interconnection request is $490,000,000. These costs are shown in Appendix 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 additional network constraints in the SPP transmission system that were identified are shown in Appendix I.

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

Based on the SPP Tariff Attachment O, transmission facilities that are part of the SPP Transmission Expansion Plan (STEP) including Sponsored Economic Upgrades or the Balanced Portfolio that may be approved by the SPP Board of Directors will receive notifications to construct. These projects will then be considered construction pending projects and would not be assignable to the Impact Cluster Study Generation Interconnection Requests.

Table of Contents

Introduction

Generation Interconnection Requests in the Southwest Power Pool (SPP) Generation Interconnection Queue have been clustered together for the following Impact Cluster Study. This Impact Cluster Study analyzes multiple generation interconnection requests associated with new generation totaling 5,851 MW which would be located within the transmission systems of Missouri Public Service (MIPU), Mid-Kansas Electric Power LLC (MKEC), Oklahoma Gas and Electric (OKGE), Southwestern Public Service (SPS), Sunflower Electric Power Corporation (SUNC), Westar Energy (WERE) and/or Western Farmers Electric Cooperative (WFEC). The various generation interconnection requests have differing proposed in-service dates. The generation interconnection requests included in this Impact Cluster Study are listed in Appendix A by their queue number, amount, area, requested interconnection point, proposed interconnection point, and the requested in-service date.

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

Model Development

Interconnection Requests Included in the Cluster

SPP has included certain interconnection requests to be analyzed in this cluster study. The interconnection requests are listed in Appendix A.

All interconnection requests that were included in Impact Cluster Re-Study (ICS-2008-001-1) posted January 12, 2010 with the exception of the following two withdrawals

- GEN-2007-008
- GEN-2007-045

Previous Queued Projects

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

Development of Base Cases

Powerflow - The 2009 series Transmission Service Request (TSR) Models 2010 spring and 2014 summer and winter peak scenario 0 peak cases were used for this study. After the 2010 spring and the 2014 summer peak cases were developed, each of the control areas' resources were then re-dispatched using current dispatch orders.

Stability – The 2009 series SPP Model Development Working Group (MDWG) Models 2010 winter and 2010 summer were used for this study.

Base Case Upgrades

The following facilities have been previously assigned or are in construction stages and were assumed to be in-service at the time of dispatch and added to the base case models.

- Woodward – Northwest 345kV line and associated upgrades to be built by OKGE for 2009 in-service[2].
- Hitchland 345/230/115kV upgrades to be built by SPS for 2010/2011 in-service[3].
    - Hitchland – Pringle 230kV line
    - Hitchland – Moore County 230kV line
    - Hitchland – Ochiltree 230kV line
    - Hitchland – Texas County 115kV line
    - Hitchland – Hansford County 115kV line
    - Hitchland – Sherman County Tap 115kV line
- Valliant – Hugo – Sunnyside 345kV – assigned to Aggregate Study AG3-2006 Customers for 2011 in-service
- Wichita – Reno County – Summit 345kV to be built by WERE for 2011 in-service[4].
- Rose Hill – Sooner 345kV to be built by WERE/OKGE for 2010 in-service.
- Finney – Holcomb 345kV Ckt #2 line assigned to GEN-2006-044 interconnection customer for possible 2010 in-service[5].
- Hitchland – Woodward 345kV line assigned to GEN-2006-049 interconnection customer for in service date yet to be determined
- Tuco – Woodward 345kV line approved by the SPP Board of Directors as part of the Balanced Portfolio and issued an NTC in June, 2009
- Spearville – Knoll- Axtell 345kV line approved by the SPP Board of Directors as part of the Balanced Portfolio and issued an NTC in June, 2009

Effect of Hitchland-Woodward 345kV upon the Study Interconnection Requests

An analysis has been performed without the Hitchland-Woodward 345kV transmission line to determine which of the study requests are dependent upon the higher queued project GEN-2006-049 funding this particular upgrade.

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

[2] Approved based on an order of the Corporation Commission of the State of Oklahoma, Cause No. PUD 200800148 Order No. 55935

[3] Approved 230kV upgrades are based on SPP 2007 STEP. Upgrades may need to be re-evaluated in the system impact study.

[4] Approved based on an order of the Kansas Corporation Commission issued in Docket no. 07-WSEE-715-MIS

[5] Based on Facility Study Posting November 2008

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

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

Powerflow - For each group, the various wind generating plants were modeled at 80% nameplate of maximum generation. The wind generating plants in the other areas were modeled at 20% nameplate of maximum generation. This process created eight different scenarios with each group being studied at 80% nameplate rating. These projects were dispatched as Energy Resources with equal distribution across the SPP footprint. This method allowed for the identification of network constraints that were common to the regional groupings that could then in turn have the mitigating upgrade cost allocated throughout the entire cluster.

Peaking units were not dispatched in the 2010 spring model. To study peaking units' impacts, the 2014 summer peak model was chosen and peaking units were modeled at 100% of the nameplate rating and wind generating facilities were modeled at 10% of the nameplate rating.

Stability - For each group, all interconnection requests (wind and non-wind) were modeled at 100% nameplate of maximum generation in both winter and summer seasonal models. The wind generation interconnection requests in the other areas were modeled at 20% nameplate of maximum generation while fossil units were modeled at 100% in the other areas. This process created eight different scenarios with each group being studied at 100% nameplate rating. These projects were dispatched as Energy Resources with equal distribution across the SPP footprint.

Identification of Network Constraints

The initial set of network constraints were found by using PTI MUST First Contingency Incremental Transfer Capability (FCITC) analysis on the entire cluster grouping dispatched at the various levels mentioned above. An additional FCITC analysis was conducted for each interconnection request individually at 100% nameplate. 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.

Determination of Cost Allocated Network Upgrades

Cost Allocated Network Upgrades of wind generation interconnection requests were determined using the 2010 spring model. Cost Allocated Network Upgrades of peaking units was determined using the 2014 summer peak model. Once a determination of the required Network Upgrades was made, a powerflow model of the 2010 spring case was developed with all cost allocated Network Upgrades in-service. A MUST FCITC analysis was performed to determine the Power Transfer Distribution Factors (PTDF), defined as a distribution factor with system intact conditions that each generation interconnection request had on each new upgrade. The impact each generation interconnection request had on each upgrade project was weighted by the size of each request. Finally the costs due by each request for a particular project were then determined by allocating the portion of each request's impact over the impact of all affecting requests.

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

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

  Request X Impact Factor on Upgrade Project 1 = PTDF(%)(X) * MW(X) = X1

  Request Y Impact Factor on Upgrade Project 1 = PTDF(%)(Y) * MW(Y) = Y1

  Request Z Impact Factor on Upgrade Project 1 = PTDF(%)(Z) * MW(Z) = Z1

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

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

- Repeat previous for each responsible GI request for each Project

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

Credits for Amounts Advanced for Network Upgrades

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

Interconnection Facilities

The requirement to interconnect the 5,851 MW of generation into the existing and proposed transmission systems in the affected areas of the SPP transmission footprint consist of the necessary cost allocated shared facilities listed in Appendix G. Interconnection Facilities specific to each generation interconnection request are listed in Appendix F. Appendix G lists the costs by upgrade. The total for interconnection facilities owned by transmission owners and network upgrades is approximately $490,000,000.

Other Network Constraints in the AEPW, MIDW, OKGE, SPS, SUNC, SWPA, MKEC, WERE, AND WFEC transmission systems that were identified 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. Figure 1 depicts the major transmission line Network Upgrades needed to support the interconnection of the generation amounts requested in this study.

Powerflow

Powerflow Analysis Methodology

The Southwest Power Pool (SPP) Criteria states that:

“The transmission system of the SPP region shall be planned and constructed so that the contingencies as set forth in the Criteria will meet the applicable NERC Reliability Standards for transmission planning. All MDWG power flow models shall be tested to verify compliance with the System Performance Standards from NERC Table 1 – Category A.”

The ACCC function of PSS/E was used to simulate single contingencies in portions or all of the modeled control areas of AEPW, EMDE, Grand River Dam Authority (GRDA), Kansas City Power & Light (KCPL), MIDW, MIPU, OKGE, SPS, SUNC, WERE, WFEC and other control areas were applied and the resulting scenarios analyzed. This satisfies the “more probable” contingency testing criteria mandated by NERC and the SPP criteria.

Powerflow Analysis

A powerflow analysis was conducted for each Interconnection Customer's facility using modified versions of the 2010 spring peak and the 2014 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 (ERIS) Interconnection Request. The available seasonal models used were through the 2014 Summer Peak.

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 additional criteria violations will occur on the AEPW, MIDW, OKGE, SPS, SUNC, SWPA, MKEC, WERE, AND WFEC transmission systems under steady state and contingency conditions in the peak seasons.

Cluster Group 1 (Woodward Area)

The Woodward area contained approximately 2,338 MW of new interconnection requests in addition to the 739MW of prior queued interconnection requests The Woodward – Hitchland 345kV and Woodward-Tuco 345kV lines were added to the model to study this area. West to east flows showed constraints in the area as the proposed Woodward – Northwest 345kV line, and the 138kV line from Woodward to Mooreland. To mitigate these constraints, a 345kV line north to Wichita via Comanche was modeled. In addition, the 138kV line from Woodward to Mooreland was modeled as being reconductored to alleviate constraints that were impacted by the Woodward group.

Cluster Group 2 (Hitchland Area)

The Hitchland area contained 435 MW of interconnection request in addition to the 1,958 MW of previous queued generation interconnection requests. The Hitchland – Woodward 345kV line was added to the models to study this area as it has been assigned to GEN-2006-049 Interconnection Customer. With these upgrades, overloads on the Woodward-Northwest 345kV line as well as the underlying 138kV lines out of Woodward. Also, as discussed in the stability section, even with the addition of Hitchland-Woodward 345kV, the loss of the Stevens County – Finney 345kV transmission line may cause voltage collapse at the Hitchland 345kV bus. The mitigation for this issue is a new 345kV line identified in the initial Impact Study as a Gray County – Stevens County 345kV line.

Dependency upon Hitchland-Woodward 345kV – Powerflow analysis without the Hitchland-Woodward 345kV line shows that all interconnection requests in Group 2 are dependent upon this upgrade being built. Should GEN-2006-049 withdraw, a restudy will be required to determine the cost allocation of this transmission line.

Cluster Group 3 (Spearville Area)

The Spearville area contained 1,110 MW of interconnection requests and 660 MW of previous queued interconnection requests. The Spearville–Knoll-Axtell 345kV line was modeled for this area. The major constraints caused by the Spearville area cluster included the Spearville – Mullergren 230kV line, the Circle – Mullergren 230kV line, and the Spearville 345/230kV transformer. To mitigate these constraints, a line to Wichita via Comanche substation was modeled at 345kV. Also, the Spearville 345/230kV autotransformer was shown as overloading due to too much requested generation at the Spearville 230kV bus and a second autotransformer was modeled.

Cluster Group 4 (Mingo/NW Kansas Group)

The Mingo/NW Kansas group had 300 MW in addition to the 715 MW of previously queued generation in the area. This interconnection request also impacted the Spearville – Mullergren 230kV line as well as the Spearville 345/230kV autotransformer. As such, the Spearville – Comanche – Wichita 345kV line was modeled.

Cluster Group 5 (Amarillo Area)

The Amarillo group was revised to contain 400 MW of interconnection requests in addition to the 1,506 MW of previously queued interconnection requests in this area. With no upgrades added, the Woodward – Northwest 345kV line is a constraint. The Hitchland-Woodward 345kV line and Stevens-Gray 345kV line is necessary to avoid voltage collapse for outage of Stevens – Finney 345kV

Dependency upon Hitchland-Woodward 345kV – Powerflow analysis without the Hitchland-Woodward 345kV line shows that all interconnection requests in Group 5 are dependent upon this upgrade being built. Should GEN-2006-049 withdraw, a restudy will be required to determine the cost allocation of this transmission line.

Cluster Group 6 (South Panhandle/New Mexico)

This group had 668 MW of interconnection requests in addition to the 570 MW of previously queued interconnection requests. The Tuco-Woodward 345kV line was modeled for this area. However, this group was still shown to impact overloaded facilities such as the Woodward-Northwest 345kV line and the Grapevine – Elk City 230kV corridor. To alleviate these impacts, the Wheeler County – Anadarko 345kV line was assigned to these interconnection requests.

Dependency upon Hitchland-Woodward 345kV – Powerflow analysis without the Hitchland-Woodward 345kV line shows that all interconnection requests in Group 5 are dependent upon this upgrade being built. Should GEN-2006-049 withdraw, a restudy will be required to determine the cost allocation of this transmission line.

Cluster Group 7 (Southwestern Oklahoma)

This group had 600 MW of interconnection requests in addition to the 947 MW of previous queued generation in the area. With the reduction of queued generation to the west of this area, no constraints were found in this area with the exception of some local issues.

Cluster Group 8 (South Central Kansas)

GEN-2007-025 had been grouped in the Spearville group in the Facility Study. For the Impact Study, GEN-2007-025 was broken out of Group 3 due to its geographical distance from the Kansas – The GEN-2007-025 Customer initially chose to interconnect to the Wichita – Woodring 345kV line. SPP changed the point of interconnection to the Comanche-Wichita 345kV line as this line routing was closer to the generating facility. Going into the restudy, the Customer again requested to be interconnected to the Wichita-Woodring 345kV line. No constraints were found with this configuration.

Stability Analysis

A limited stability analysis was conducted for each Interconnection Customer's facility using modified versions of the 2010 winter peak and the 2010 summer peak models. The stability analysis was conducted with all upgrades in service that were identified in the powerflow analysis. For each group, the interconnection requests were studied at 100% nameplate output while the other groups were dispatched at 20% output for wind requests and 100% output for fossil requests. The output of the Interconnection Customer's facility was offset in each model by a reduction in output of existing online SPP generation. The following synopsis is included for each group.

The following faults were run for Groups 1, 2, 5, 6, and 7

1. 3 phase fault at the Tuco-Woodward 345kV midpoint bus. Trip and lockout out Tuco-Woodward 345kV
2. 3 phase fault at Woodward 345kV bus. Trip and lockout out Tuco-Woodward 345kV
3. 3 phase fault at Tuco 345kV bus. Trip and lockout out Tuco-Woodward 345kV
4. 3 phase fault at Hitchland 345kV bus. Trip and lockout out Hitchland-Woodward 345kV
5. 3 phase fault at Woodward 345kV bus. Trip and lockout out Hitchland-Woodward 345kV
6. 3 phase fault at Finney 345kV bus. Trip and lockout out Finney – Stevens County 345kV
7. 3 phase fault at Stevens County 345kV bus. Trip and lockout out Finney – Stevens County 345kV
8. 3 phase fault at Stevens County 345kV bus. Trip and lockout out Stevens County – Gray County 345kV
9. 3 phase fault at Gray County 345kV bus. Trip and lockout out Stevens County – Gray County 345kV
10. 3 phase fault at Medicine Lodge 345kV bus. Trip and lockout Medicine Lodge – Wichita 345kV
11. 3 phase fault at Wichita 345kV bus. Trip and lockout Medicine Lodge – Wichita 345kV
12. 3 phase fault at Tatonga 345kV bus. Trip and lockout out Tatonga – Northwest 345kV
13. 3 phase fault at Northwest 345kV bus. Trip and lockout out Tatonga – Northwest 345kV

Cluster Group 1 (Woodward Area)

Power Factor and LVRT analysis from ICS-2008-001-1 posted January, 2010 still applies. Transmission system was found to be stable with all network upgrades in service.

Cluster Group 2 (Hitchland Area)

Power Factor and LVRT analysis from ICS-2008-001-1 posted January, 2010 still applies. Transmission system was found to be stable with all network upgrades (including Gray – Stevens County 345kV) in service. As discussed earlier, voltage collapse was observed at Hichland for the loss of the Stevens County – Finney 345kV transmission line. A new line was modeled from Stevens County to Gray County Kansas to a point on the Spearville – Holcomb 345kV line.

Cluster Group 3 (Spearville Area)
Power Factor and LVRT analysis from ICS-2008-001-1 posted January, 2010 still applies. No additional simulation were run in this area.

Cluster Group 4 (Mingo Area)
Power Factor and LVRT analysis from ICS-2008-001-1 posted January, 2010 still applies. No additional simulation were run in this area.

Cluster Group 5 (Amarillo Area)
Power Factor and LVRT analysis from ICS-2008-001-1 posted January, 2010 still applies. Transmission system was found to be stable with all network upgrades in service.

Cluster Group 6 (South Panhandle Area)
Power Factor and LVRT analysis from ICS-2008-001-1 posted January, 2010 still applies. Transmission system was found to be stable with all network upgrades in service.

Cluster Group 7 (Southwest Oklahoma)
Power Factor and LVRT analysis from ICS-2008-001-1 posted January, 2010 still applies. Transmission system was found to be stable with all network upgrades in service.

Cluster Group 8 (South Central Kansas)
Power Factor and LVRT analysis from ICS-2008-001-1 posted January, 2010 still applies. No additional simulations were run in this area.

Regional Map with Proposed Upgrades

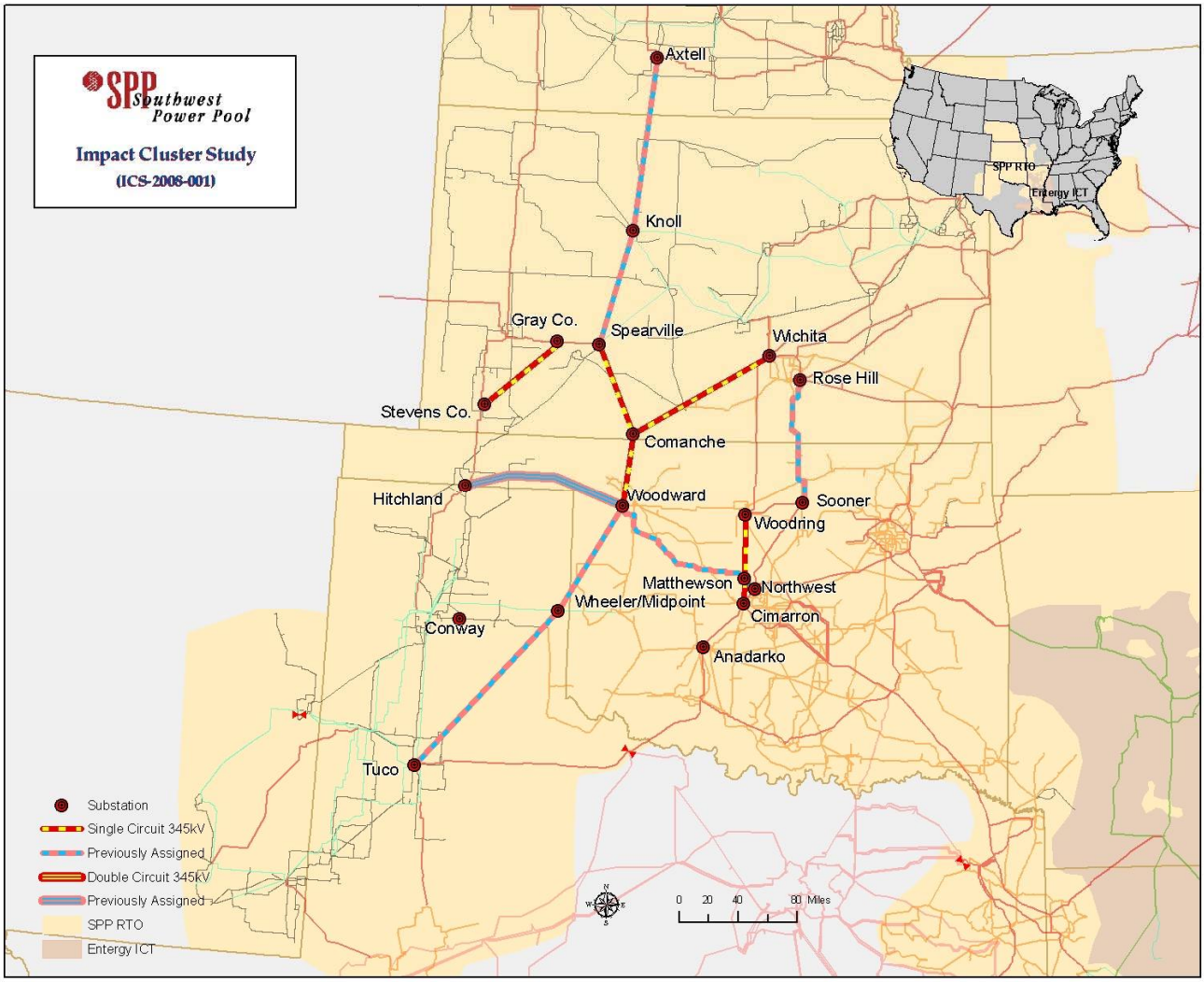


Figure 1 - Proposed Major Line Upgrades

Conclusion

The minimum cost of interconnecting all of the interconnection requests included in this Impact Cluster Study is estimated at $490,000,000 for the Allocated Network Upgrades and Transmission Owner Interconnection Facilities are listed in Appendix E and F. These costs do not include the cost of upgrades of other transmission facilities listed in Appendix I which are Network Constraints.

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

Appendix

A: Generation Interconnection Requests Considered for Impact Study

Request	Amount	Area	Requested Point of Interconnection	Proposed Point of Interconnection	Requested In-Service Date
GEN-2006-006	205	MKEC	Spearville 230kV	Spearville 230kV	12/31/2010
GEN-2007-005	200	SPS	Pringle 115kV	Pringle 115kV	12/1/2008
GEN-2007-021	201	OKGE	Dewey 138kV	*Tatonga 345kV	8/1/2009
GEN-2007-025	300	WERE	Wichita – Woodring 345kV	* Wichita – Woodring 345kV	10/1/2009
GEN-2007-032	150	WFEC	Clinton Junction - Clinton 138kV	Clinton Junction - Clinton 138kV	12/31/2010
GEN-2007-034	150	SPS	Tolk - Eddy County 345kV	Tolk - Eddy County 345kV	8/15/2010
GEN-2007-038	200	SUNC	Spearville 345kV	Spearville 345kV	12/31/2012
GEN-2007-043	300	AEPW	Lawton Eastside - Cimarron 345kV	Lawton Eastside - Cimarron 345kV	12/1/2009
GEN-2007-044	300	OKGE	Roman Nose 138kV	*Tatonga 345kV	12/1/2009
GEN-2007-046	200	SPS	Texas County - *Hitchland 115kV	*Hitchland 115kV	12/31/2011
GEN-2007-048	400	SPS	Amarillo South - Swisher County 230kV	Amarillo South - Swisher County 230kV	11/1/2009
GEN-2007-050	171	OKGE	Woodward 138kV	Woodward EHV 138kV	10/1/2009
GEN-2007-051	200	WFEC	Mooreland 138kV	Mooreland 138kV	11/7/2007
GEN-2007-052	150	WFEC	Anadarko 138kV	Anadarko 138kV	5/1/2008
GEN-2007-057	35	SPS	Valero 115kV	Moore County East 115kV	5/1/2009
GEN-2007-062	765	OKGE	*Woodward 345kV	*Woodward 345kV	12/31/2011
GEN-2008-003	101	OKGE	Woodward 138kV	*Woodward EHV 138kV	8/31/2009
GEN-2008-008	60	SPS	Graham 69kV	Graham 69kV	12/31/2010
GEN-2008-009	60	SPS	San Juan Mesa 230kV	San Juan Mesa 230kV	3/1/2012
GEN-2008-013	300	OKGE	Wichita – Woodring 345kV	Wichita - Woodring 345kV	10/1/2010
GEN-2008-014	150	SPS	TUCO - Oklaunion 345kV	TUCO - Oklaunion 345kV	12/1/2010
GEN-2008-016	248	SPS	Grassland 230kV	Grassland 230kV	12/1/2009
GEN-2008-017	300	SUNC	Setab 345kV	Setab 345kV	3/1/2012
GEN-2008-018	405	SUNC	Holcomb - Spearville 345kV	Finney 345kV	12/31/2012
GEN-2008-019	300	OKGE	Dewey 138kV	*Tatonga 345kV	12/31/2012
GROUPED TOTAL	**5,851**				

***** Planned Facility
^ Proposed Facility
******* Electrically Remote Interconnection Requests

B: Prior Queued Interconnection Requests

Request	Amount	Area	Requested/Proposed Point of Interconnection	Status or In-Service Date
GEN-2001-014	96	WFEC	Fort Supply 138kV	On-Line
GEN-2001-026	74	WFEC	Washita 138kV	On-Line
GEN-2001-033	180	SPS	San Juan Mesa Tap 230kV	On-Line
GEN-2001-036	80	SPS	Caprock Tap 115kV	On-Line
GEN-2001-037	103	OKGE	Windfarm Switching 138kV	On-Line
GEN-2001-039A	105	MKEC	Greensburg - Judson-Large 115kV	On Schedule for 2011
GEN-2001-039M	100	SUNC	Leoti – City Services 115kV	On-Line
GEN-2002-005	120	WFEC	Morewood - Elk City 138kV	On-Line
GEN-2002-006	150	SPS	Texas County 115kV	IA Executed/On Schedule 12/31/2010
GEN-2002-008	240	SPS	*Hitchland 345kV	On-Line at 120MW
GEN-2002-009	80	SPS	Hansford County 115kV	On-Line
GEN-2002-022	240	SPS	Bushland 230kV	On-Line at 160MW
GEN-2002-025A	150	MKEC	Spearville 230kV	On-Line at 100MW on schedule for 150 MW for 2010
GEN-2003-004	100	WFEC	Washita 138kV	On-Line
GEN-2003-005	100	WFEC	Anadarko - Paradise 138kV	On Line
GEN-2003-013**	198	SPS	*Hitchland - Finney 345kV	On Schedule for 2012
GEN-2003-020	160	SPS	Carson County 115kV	On-Line at 80MW
GEN-2003-022	120	AEPW	Washita 138kV	On-Line
GEN-2004-003	140	SPS	Conway 115kV	On Schedule for 2011
GEN-2004-014	155	MKEC	Spearville 230kV	On Schedule for 2011
GEN-2004-020	27	AEPW	Washita 138kV	On-Line
GEN-2004-023	21	WFEC	Washita 138kV	On-Line
GEN-2005-003	31	WFEC	Washita 138kV	On-Line
GEN-2005-008	120	OKGE	Woodward 138kV	On-Line
GEN-2005-010	160	SPS	Roosevelt County - Tolk West 230kV (Single Ckt Tap)	On Suspension
GEN-2005-012	250	SUNC	Spearville 345kV	On Suspension
GEN-2005-015	150	SPS	Tuco - Oklaunion 345kV	On Suspension
GEN-2005-017	340	SPS	*Hitchland - Potter County 345kV	On Suspension
GEN-2005-021	86	SPS	Kirby 115kV	On Suspension
GEN-2006-002	150	AEPW	Grapevine - Elk City 230kV	On Suspension
GEN-2006-020	20	SPS	*Hitchland - Sherman County Tap	IA Executed/On Schedule 12/31/2010
GEN-2006-032	200	MIDW	South Hays 230kV	On Suspension
GEN-2006-034	81	SUNC	Kanarado - Sharon Springs 115kV	On Suspension
GEN-2006-035	225	AEPW	Grapevine - Elk City 230kV	On Suspension
GEN-2006-039	400	SPS	Tap and Tie both Potter County - Plant X 230kV and Bushland - Deaf Smith 230kV	On Suspension
GEN-2006-040	100	SUNC	Mingo 115kV	On Suspension
GEN-2006-043	99	AEPW	Grapevine - Elk City 230kV	On-Line
GEN-2006-044	370	SPS	*Hitchland 345kV	On Suspension
GEN-2006-045	240	SPS	Tap and Tie both Potter County - Plant X 230kV and Bushland - Deaf Smith 230kV	On Suspension
GEN-2006-046	130	OKGE	Dewey 138kV	On Schedule for 2010
GEN-2006-047	240	SPS	Tap and Tie both Potter County - Plant X 230kV and Bushland - Deaf Smith 230kV	On Schedule for 2013
GEN-2006-049	400	SPS	*Hitchland - Finney 345kV	IA Pending

Request	Amount	Area	Requested/Proposed Point of Interconnection	Status or In-Service Date
GEN-2007-002	160	SPS	Grapevine 115kV	On Suspension
GEN-2007-006	160	OKGE	Roman Nose 138kV	On Suspension
GEN-2007-011	135	SUNC	Syracuse 115kV	On Schedule
GEN-2007-013	99	SUNC	Selkirk 115kV	On Schedule
GROUPED TOTAL	**7,085**			

***** Planned Facility

C: Study Groupings

Cluster	Request	Amount	Area	Proposed Point of Interconnection
Prior Queued	GEN-2001-014	96	WFEC	Fort Supply 138kV
	GEN-2001-037	103	OKGE	Windfarm Switching 138kV
	GEN-2002-005	120	WFEC	Morewood - Elk City 138kV
	GEN-2005-008	130	OKGE	Woodward 138kV
	GEN-2006-046	130	OKGE	Dewey 138kV
	GEN-2007-006	160	OKGE	Roman Nose 138kV
PRIOR QUEUED SUBTOTAL		**739**		
Cluster	**Request**	**Amount**	**Area**	**Proposed Point of Interconnection**
Woodward	GEN-2007-021	201	OKGE	*****Tatonga 345kV
	GEN-2007-044	300	OKGE	*****Tatonga 345kV
	GEN-2007-050	200	OKGE	*****Woodward 138kV
	GEN-2007-051	171	WFEC	Mooreland 138kV
	GEN-2007-062	765	OKGE	*****Woodward 345kV
	GEN-2008-003	101	OKGE	*Woodward EHV 138kV
	GEN-2008-013	300	OKGE	Wichita - Woodring 345kV
	GEN-2008-019	300	OKGE	*****Tatonga 345kV
WOODWARD SUBTOTAL		**2,338**		
AREA SUBTOTAL		**3,077**		

Cluster	Request	Amount	Area	Proposed Point of Interconnection
Prior Queued	GEN-2002-006	150	SPS	Texas County 115kV
	GEN-2002-008	240	SPS	*Hitchland 345kV
	GEN-2002-009	80	SPS	Hansford County 115kV
	GEN-2003-013	198	SPS	*Hitchland - Finney 345kV
	GEN-2003-020	160	SPS	Carson County 115kV
	GEN-2005-017	340	SPS	*Hitchland - Potter County 345kV
	GEN-2006-020	20	SPS	*Hitchland - Sherman County Tap
	GEN-2006-044	370	SPS	*Hitchland 345kV
	GEN-2006-049	400	SPS	*Hitchland - Finney 345kV
PRIOR QUEUED SUBTOTAL		**1,958**		
Cluster	**Request**	**Amount**	**Area**	**Proposed Point of Interconnection**
Hitchland	GEN-2007-005	200	SPS	Pringle 115kV
	GEN-2007-046	200	SPS	*****Hitchland 115kV
	GEN-2007-057	35	SPS	Moore County East 115kV
HITCHLAND SUBTOTAL		**435**		
AREA SUBTOTAL		**2,393**		

Cluster	Request	Amount	Area	Proposed Point of Interconnection
Prior Queued	GEN-2001-039A	105	MKEC	Greensburg - Judson-Large 115kV
	GEN-2002-025A	150	MKEC	Spearville 230kV
	GEN-2004-014	155	MKEC	Spearville 230kV
	GEN-2005-012	250	SUNC	Spearville 345kV
PRIOR QUEUED SUBTOTAL		**660**		
Cluster	**Request**	**Amount**	**Area**	**Proposed Point of Interconnection**
Spearville	GEN-2006-006	205	MKEC	Spearville 230kV
	GEN-2007-025	300	WERE	Wichita-Woodring 345kV
	GEN-2007-038	200	SUNC	Spearville 345kV
	GEN-2008-018	405	SUNC	Finney 345kV
SPEARVILLE SUBTOTAL		**1110**		
AREA SUBTOTAL		**1,770**		

Cluster	Request	Amount	Area	Proposed Point of Interconnection
Prior Queued	GEN-2001-039M	100	SUNC	Leoti - City Services 115kV
	GEN-2006-032	200	MIDW	South Hays 230kV
	GEN-2006-034	81	SUNC	Kanarado - Sharon Springs 115kV
	GEN-2006-040	100	SUNC	Mingo 115kV
	GEN-2007-011	135	SUNC	Syracuse 115kV
	GEN-2007-013	99	SUNC	Selkirk 115kV
PRIOR QUEUED SUBTOTAL		**715**		
Cluster	**Request**	**Amount**	**Area**	**Proposed Point of Interconnection**
	GEN-2008-017	300	SUNC	Setab 345kV
MINGO/NW KANSAS SUBTOTAL		**300**		
AREA SUBTOTAL		**1,015**		

Cluster	Request	Amount	Area	Proposed Point of Interconnection
Prior Queued	GEN-2002-022	240	SPS	Bushland 230kV
	GEN-2004-003	140	SPS	Conway 115kV
	GEN-2005-021	86	SPS	Kirby 115kV
	GEN-2006-039	400	SPS	Tap and Tie both Potter County - Plant X 230kV and Bushland - Deaf Smith 230kV
	GEN-2006-045	240	SPS	Dewey 138kV
	GEN-2006-047	240	SPS	Tap and Tie both Potter County - Plant X 230kV and Bushland - Deaf Smith 230kV
	GEN-2007-002	160	SPS	Grapevine 115kV
PRIOR QUEUED SUBTOTAL		**1,506**		
Cluster	**Request**	**Amount**	**Area**	**Proposed Point of Interconnection**
	GEN-2007-048	400	SPS	Amarillo South - Swisher County 230kV
AMARILLO SUBTOTAL		**400**		
AREA SUBTOTAL		**1,906**		

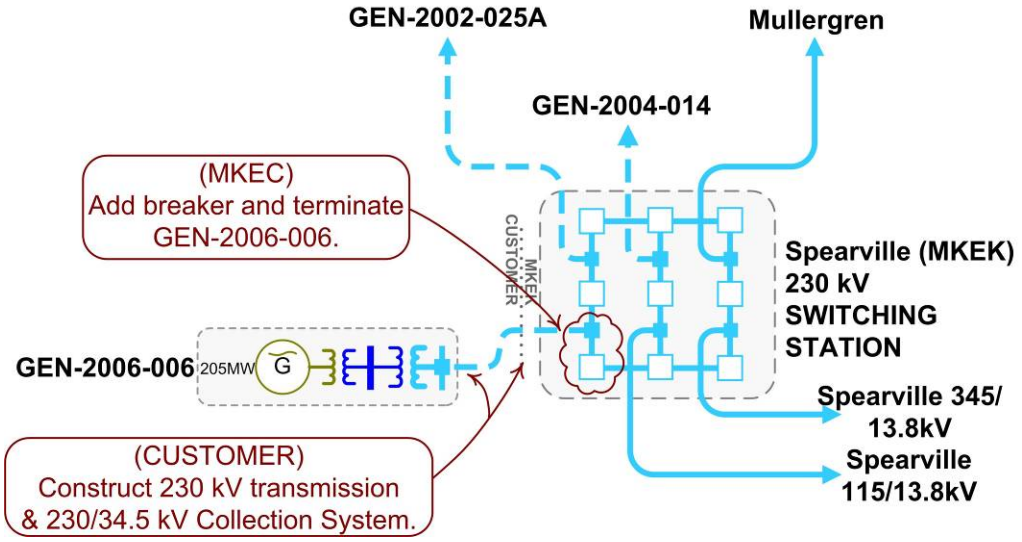
Cluster	Request	Amount	Area	Proposed Point of Interconnection
Prior Queued	GEN-2001-033	180	SPS	San Juan Mesa Tap 230kV
	GEN-2001-036	80	SPS	Caprock Tap 115kV
	GEN-2005-010	160	SPS	Roosevelt County - Tolk West 230kV (Single Ckt Tap)
	GEN-2005-015	150	SPS	TUCO - Oklaunion 345kV
PRIOR QUEUED SUBTOTAL		**570**		
Cluster	**Request**	**Amount**	**Area**	**Proposed Point of Interconnection**
	GEN-2007-034	150	SPS	Tolk - Eddy County 345kV
	GEN-2008-008	60	SPS	Graham 115kV
	GEN-2008-009	60	SPS	San Juan Mesa 230kV
	GEN-2008-014	150	SPS	TUCO - Oklaunion 345kV
	GEN-2008-016	248	SPS	Grassland 230kV
SOUTH PANHANDLE/NM SUBTOTAL		**668**		
AREA SUBTOTAL		**1,238**		

Cluster	Request	Amount	Area	Proposed Point of Interconnection
Prior Queued	GEN-2001-026	74	WFEC	Fort Supply 138kV
	GEN-2003-004	101	WFEC	Washita 138kV
	GEN-2003-005	100	WFEC	Anadarko - Paradise 138kV
	GEN-2003-022	120	AEPW	Washita 138kV
	GEN-2004-020	27	AEPW	Washita 138kV
	GEN-2004-023	21	WFEC	Washita 138kV
	GEN-2005-003	31	WFEC	Washita 138kV
	GEN-2006-002	150	AEPW	Grapevine - Elk City 230kV
	GEN-2006-035	225	AEPW	Grapevine - Elk City 230kV
	GEN-2006-043	99	AEPW	Grapevine - Elk City 230kV
PRIOR QUEUED SUBTOTAL		**948**		
Cluster	**Request**	**Amount**	**Area**	**Proposed Point of Interconnection**
SW Oklahoma	GEN-2007-032	150	WFEC	Clinton Junction - Clinton 138kV
	GEN-2007-043	300	AEPW	Lawton Eastside - Cimarron 345kV
	GEN-2007-052	150	WFEC	Anadarko 138kV
SW OKLAHOMA SUBTOTAL		**600**		
AREA SUBTOTAL		**1,548**		
*****CLUSTERED TOTAL (w/o PRIOR QUEUED)**		**5,851**		
*****CLUSTERED TOTAL (w/PRIOR QUEUED)**		**12,936**		

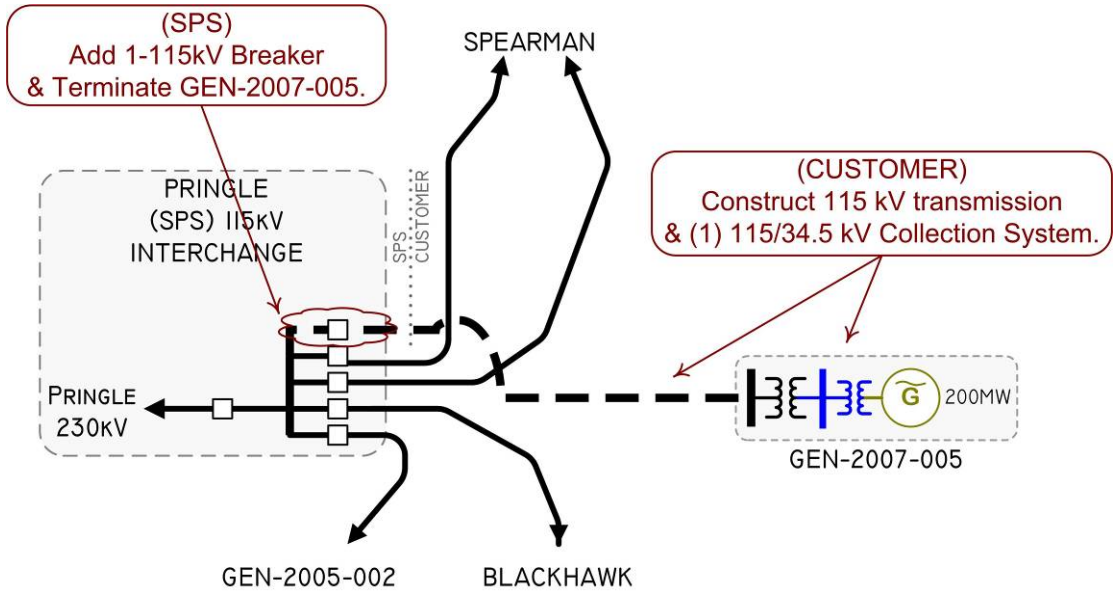
***** Planned Facility
^ Proposed Facility
****** Alternate requests - counted as one request for study purpose
*** Electrically Remote Interconnection Requests included in total

D: Proposed Point of Interconnection One line Diagrams

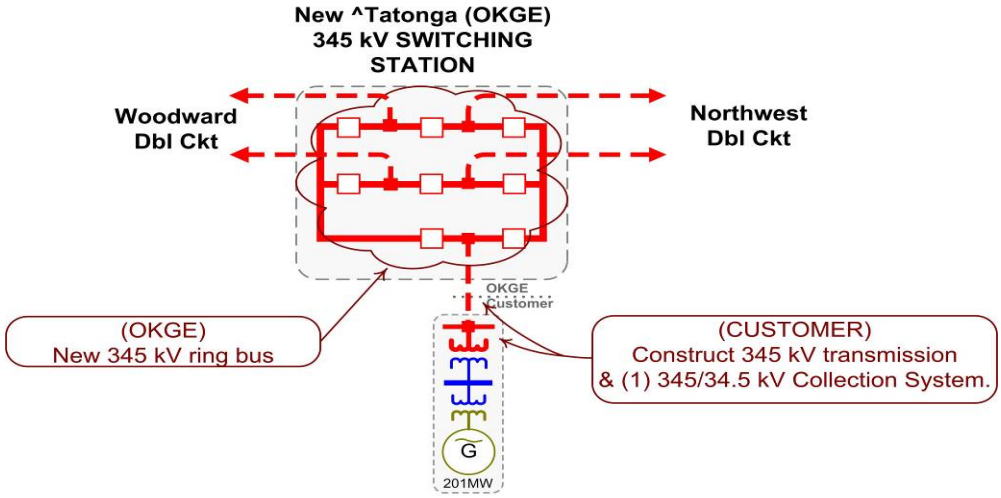
GEN-2006-006



GEN-2007-005

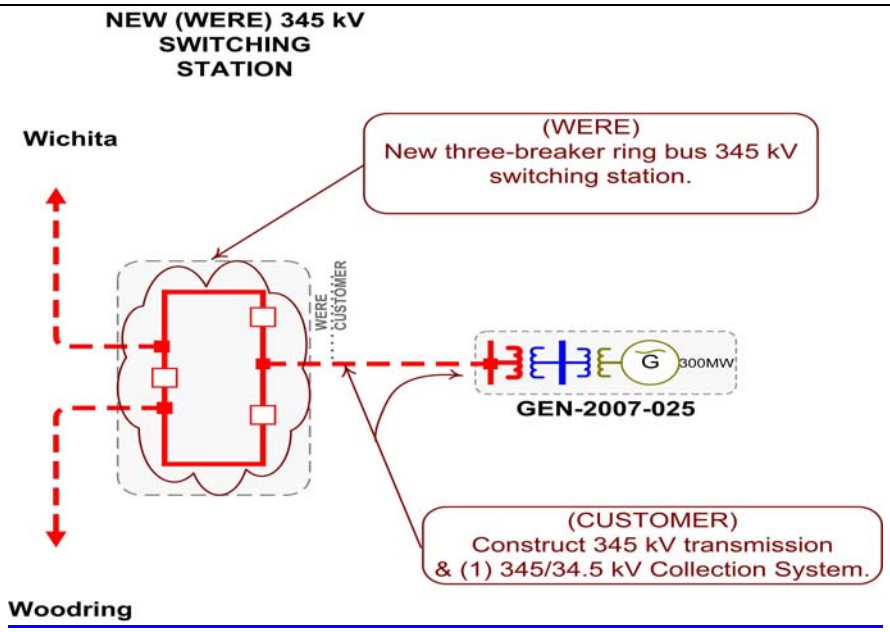


GEN-2007-021

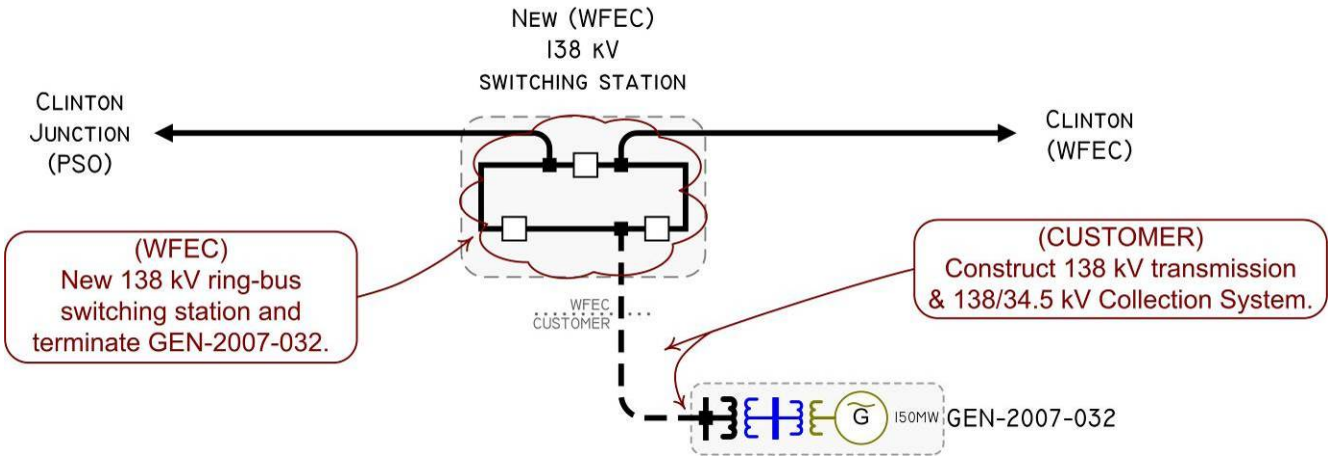


* Planned ^ Proposed

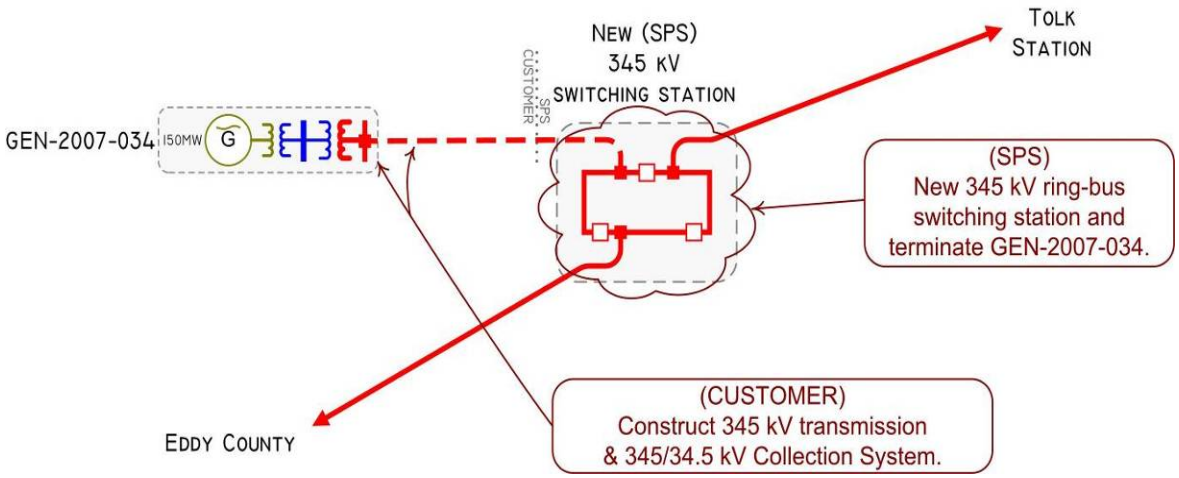
GEN-2007-025



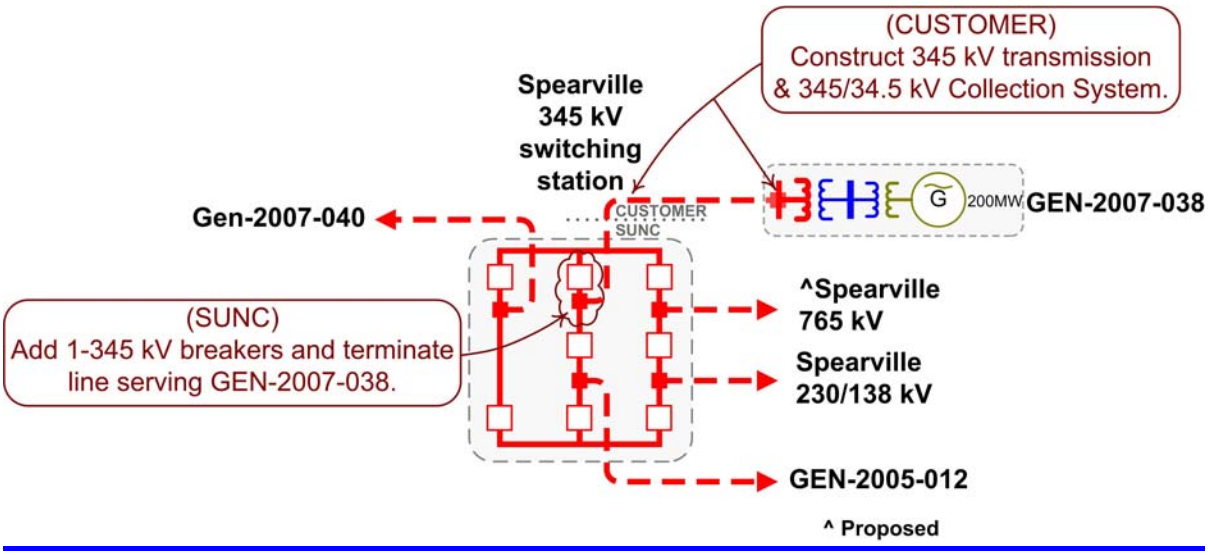
GEN-2007-032


NEW (WFEC)
138 KV
SWITCHING STATION
CLINTON
JUNCTION
(PSO)
CLINTON
(WFEC)
(WFEC)
New 138 kV ring-bus
switching station and
terminate GEN-2007-032.
(CUSTOMER)
Construct 138 kV transmission
& 138/34.5 kV Collection System.
WFEC
CUSTOMER
G
150MW
GEN-2007-032

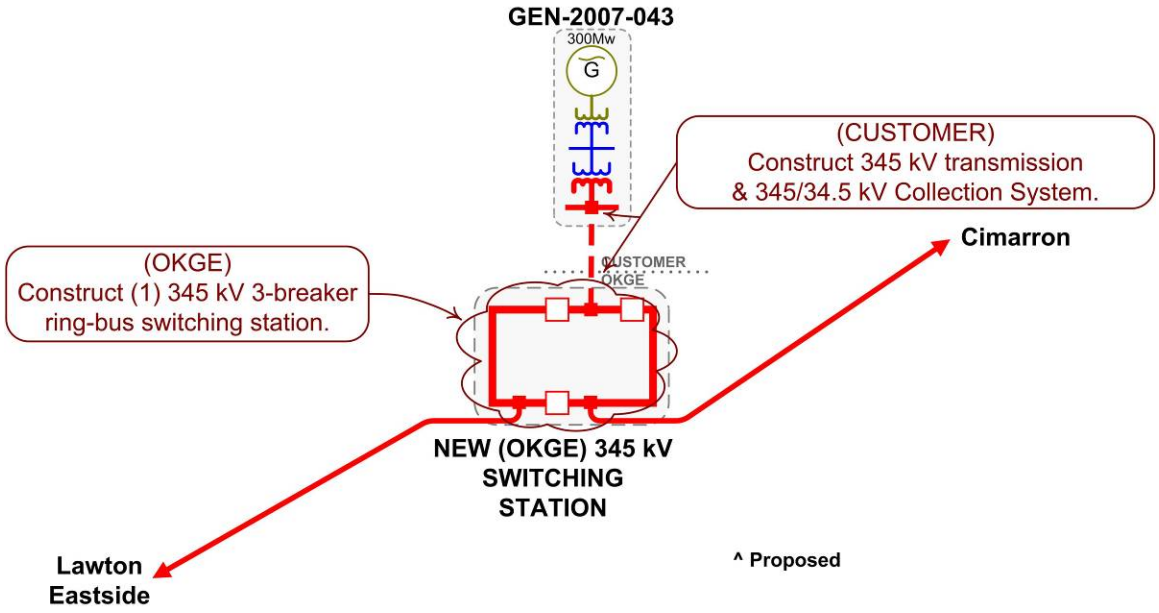
GEN-2007-034



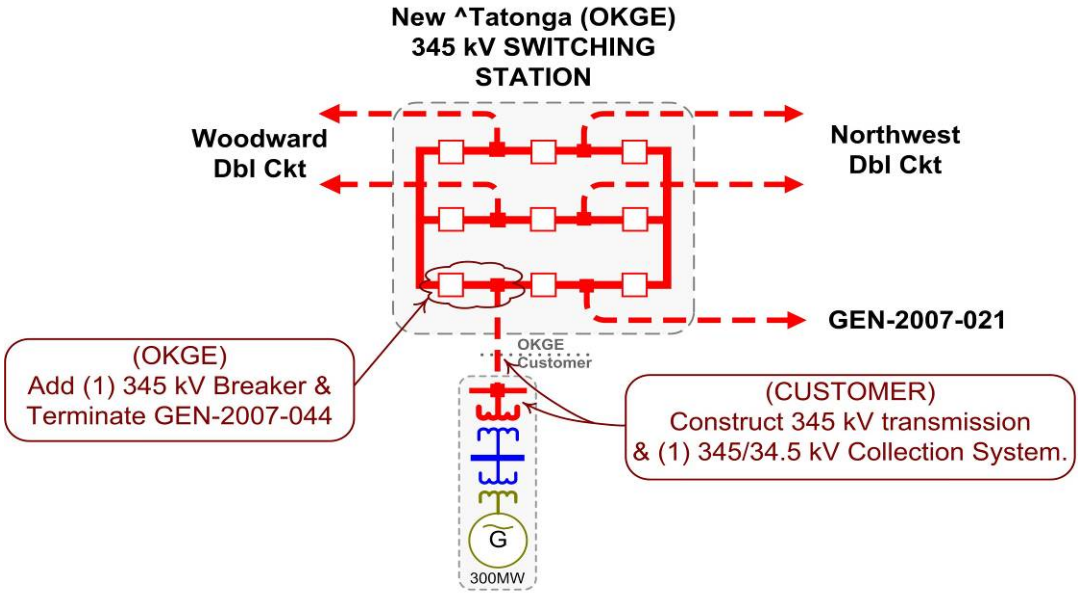
GEN-2007-038



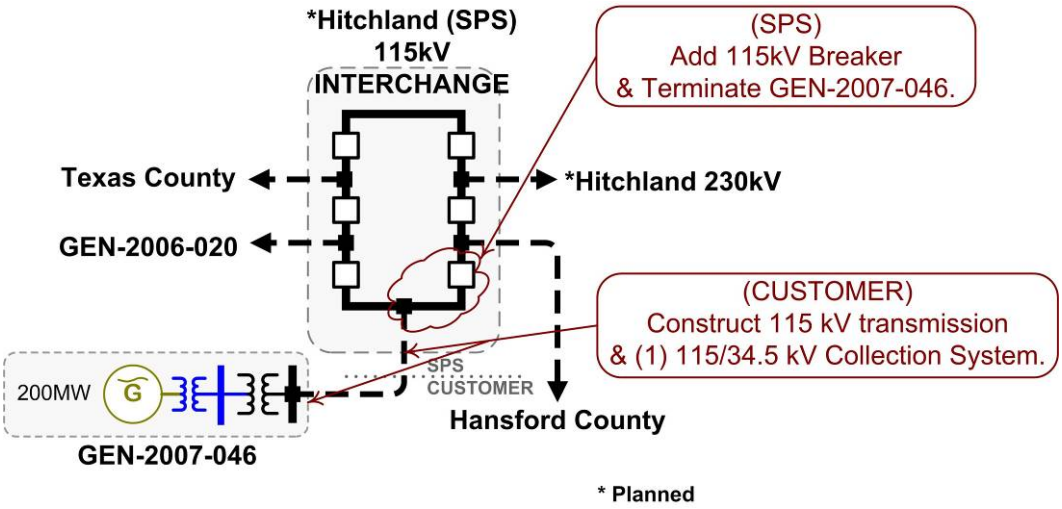
GEN-2007-043



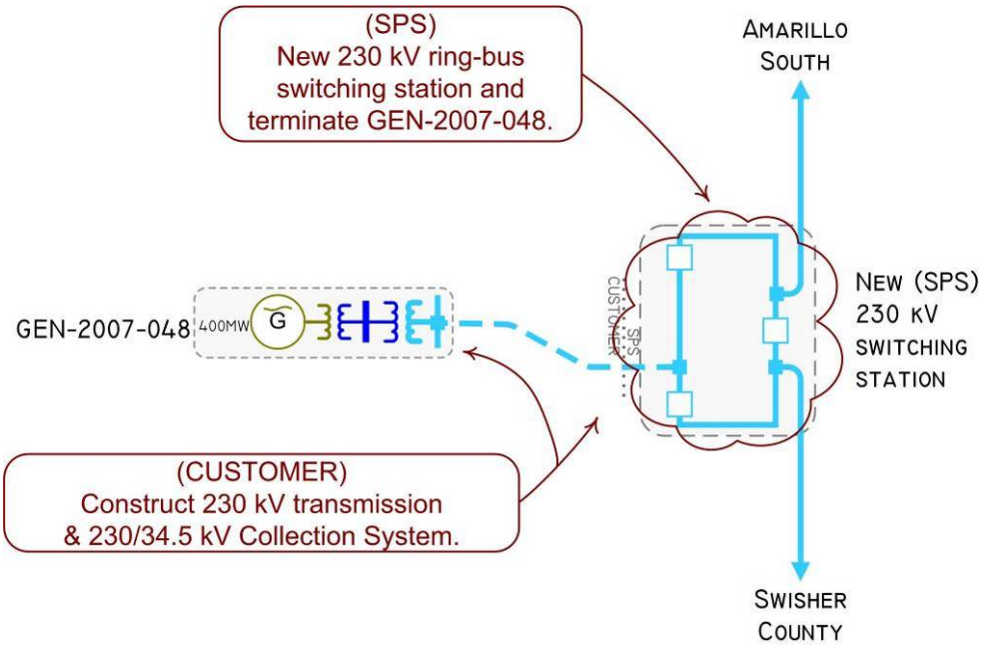
GEN-2007-044



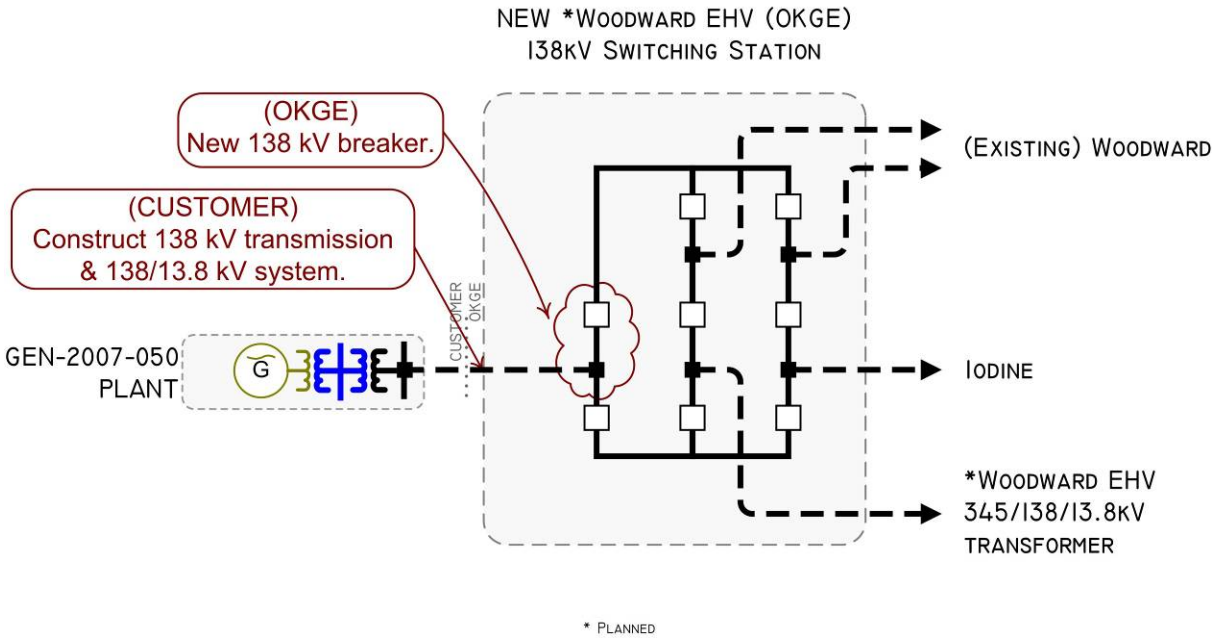
GEN-2007-046


*Hitchland (SPS)
115kV
INTERCHANGE
(SPS)
Add 115kV Breaker
& Terminate GEN-2007-046.
Texas County
*Hitchland 230kV
GEN-2006-020
(CUSTOMER)
Construct 115 kV transmission
& (1) 115/34.5 kV Collection System.
SPS
CUSTOMER
200MW
G
Hansford County
GEN-2007-046
* Planned

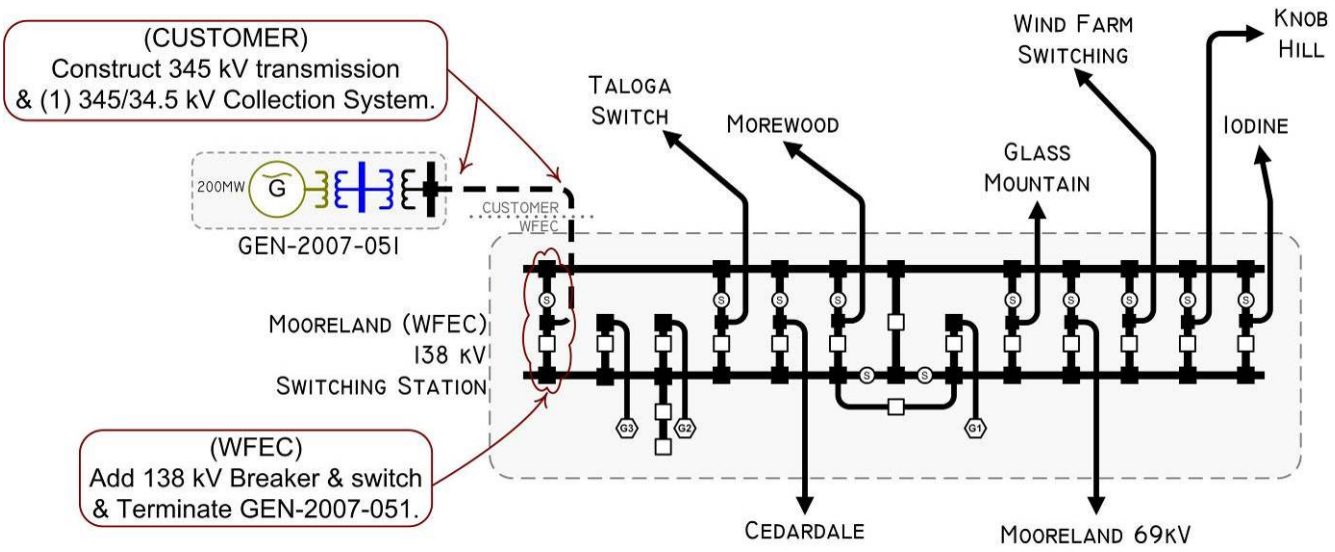
GEN-2007-048



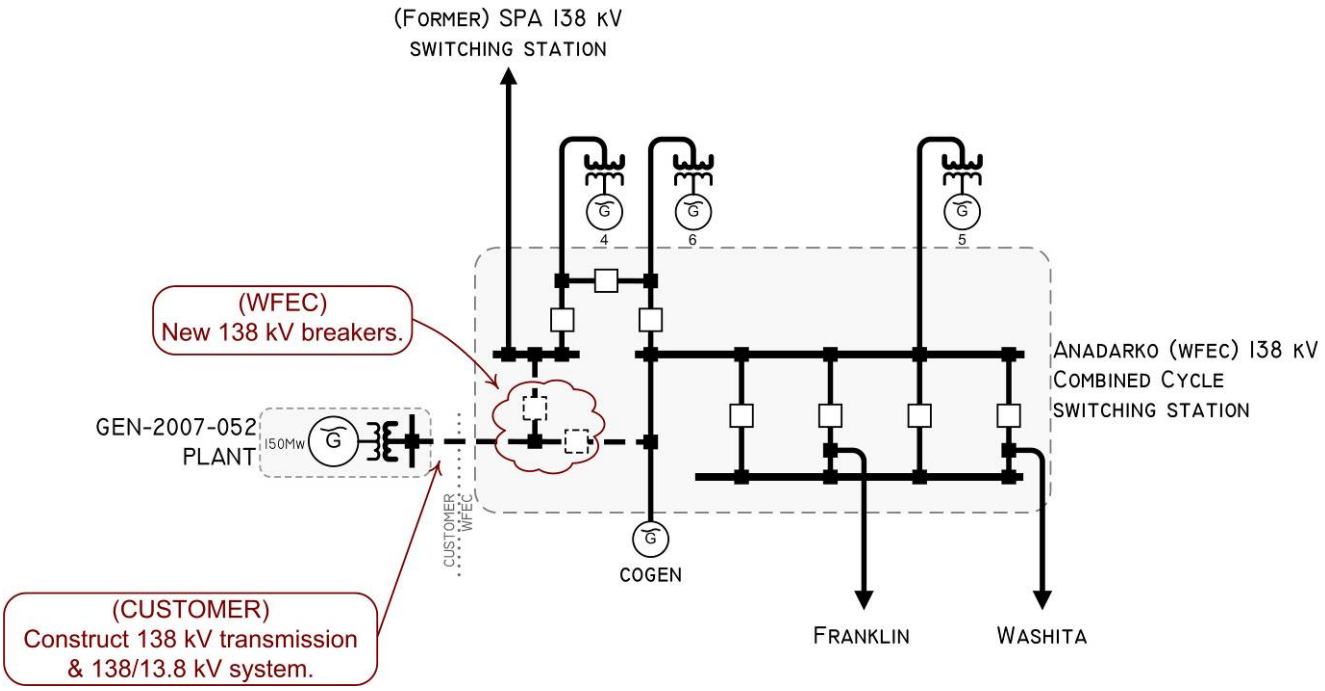
GEN-2007-050



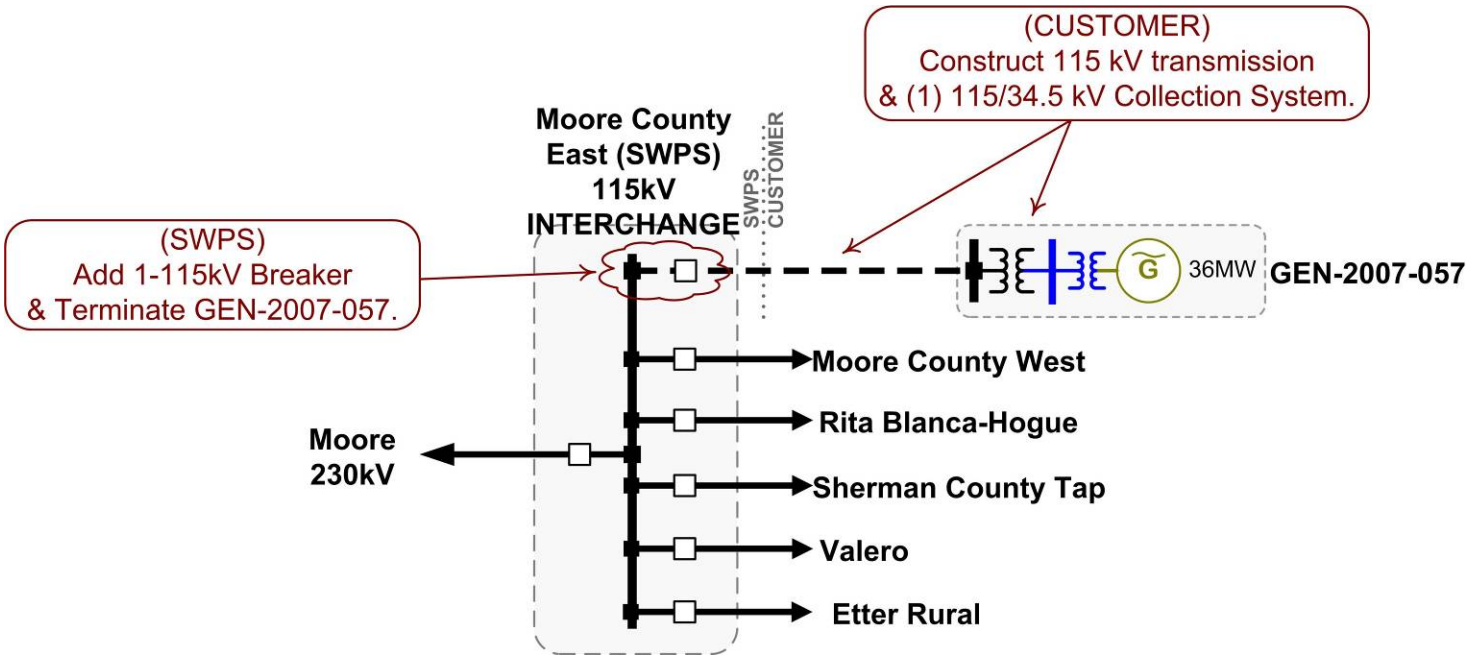
GEN-2007-051



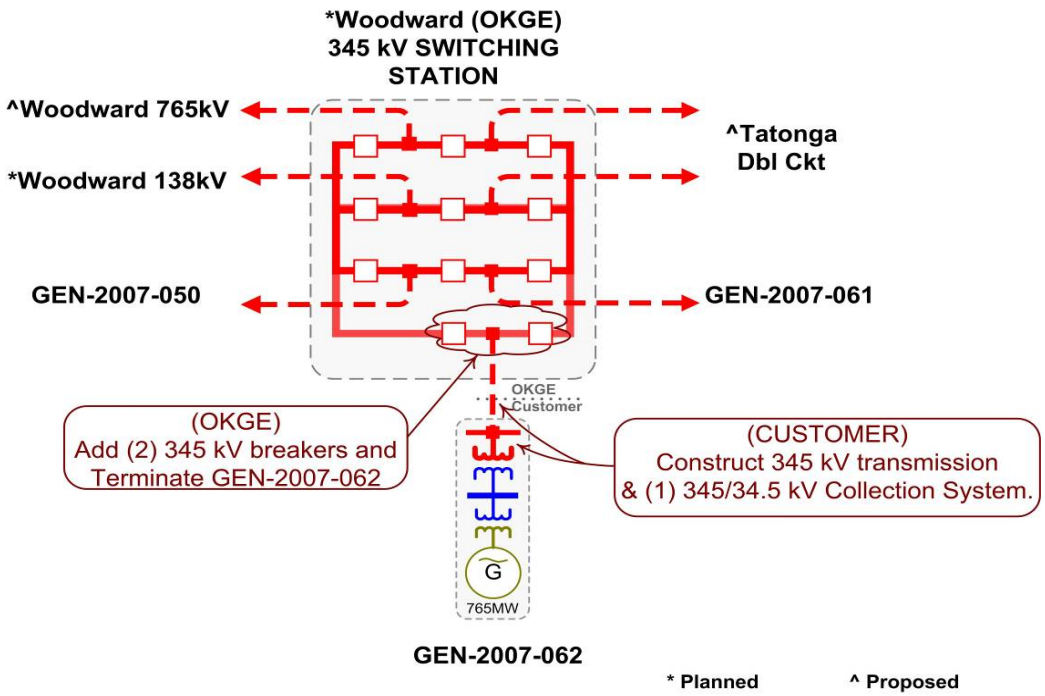
GEN-2007-052



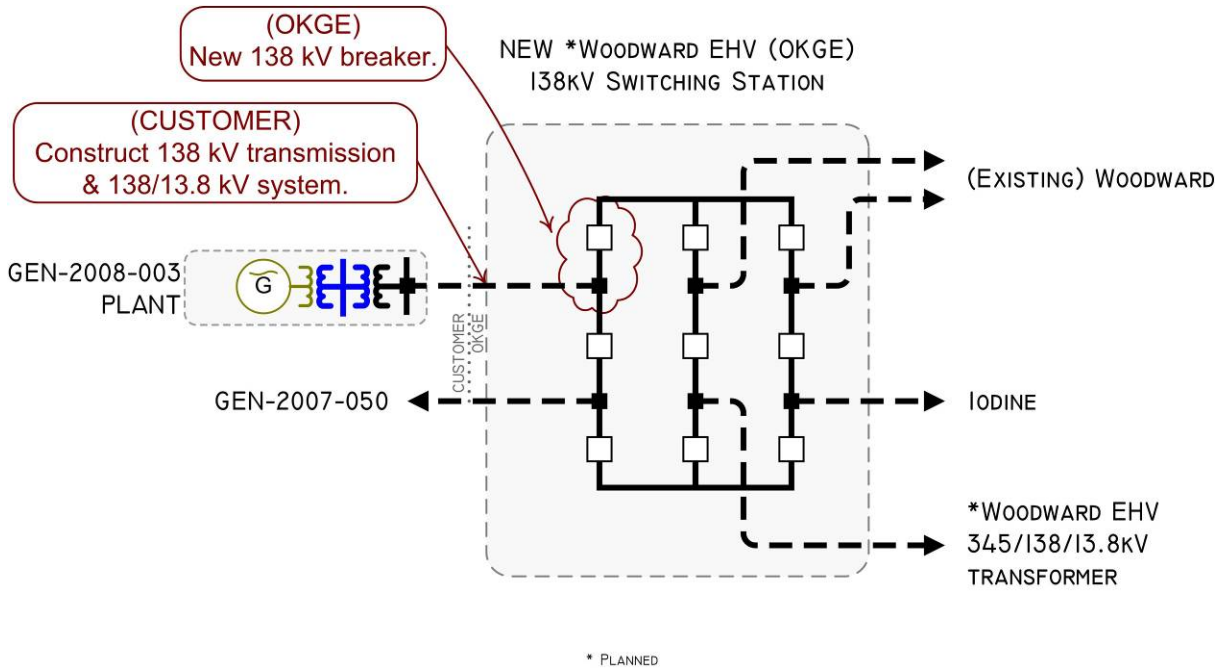
GEN-2007-057



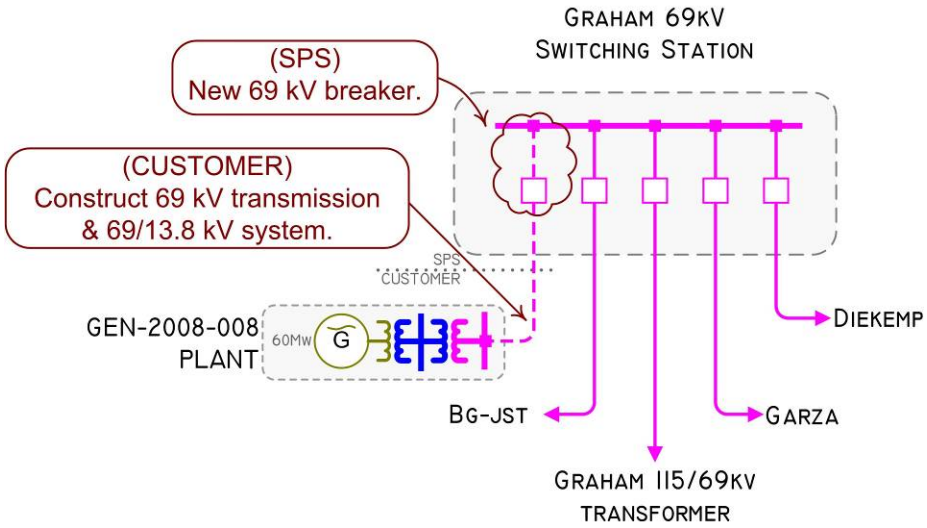
GEN-2007-062



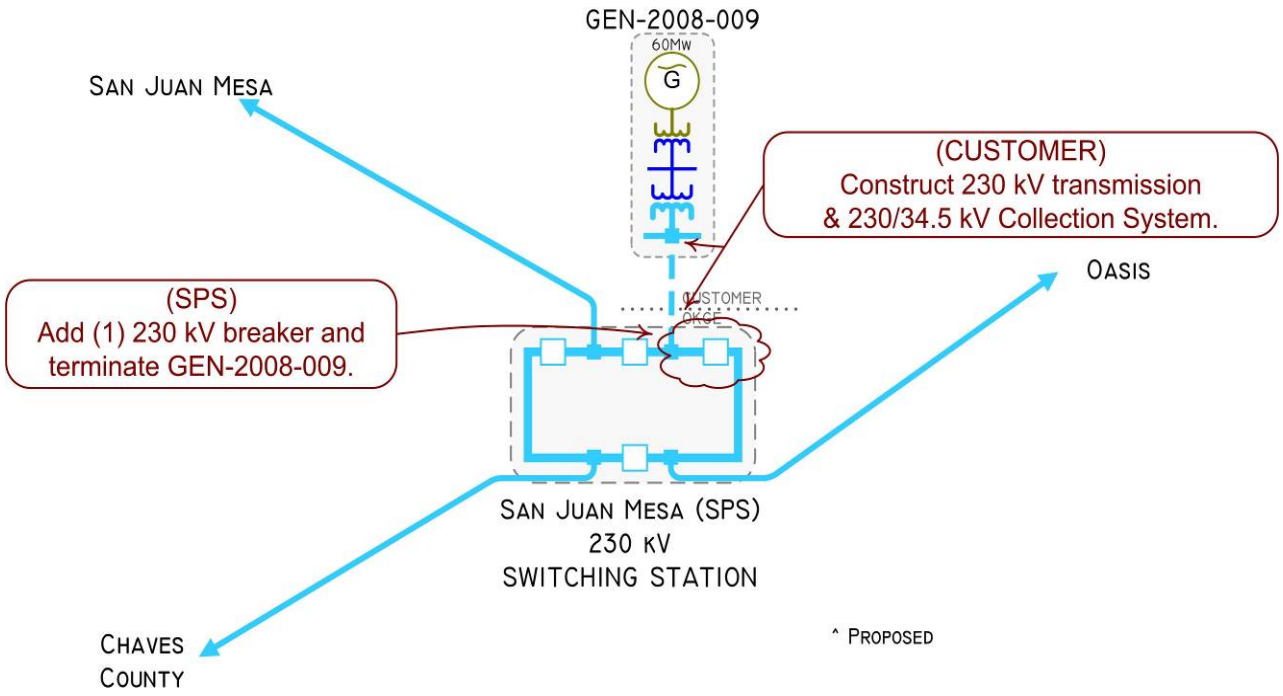
GEN-2008-003



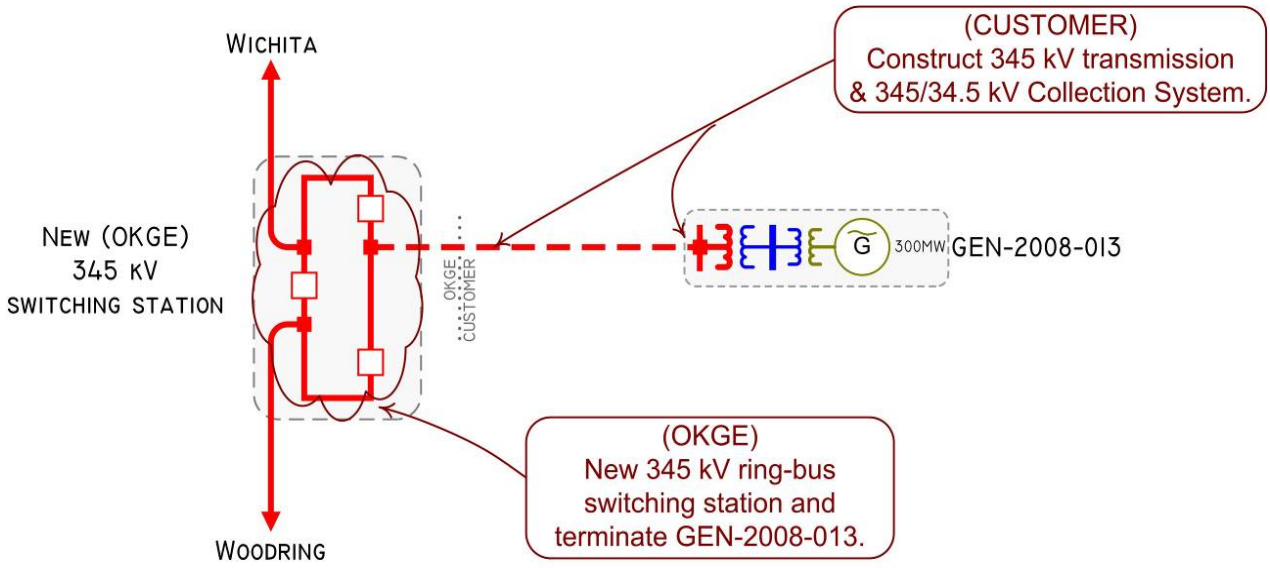
GEN-2008-008



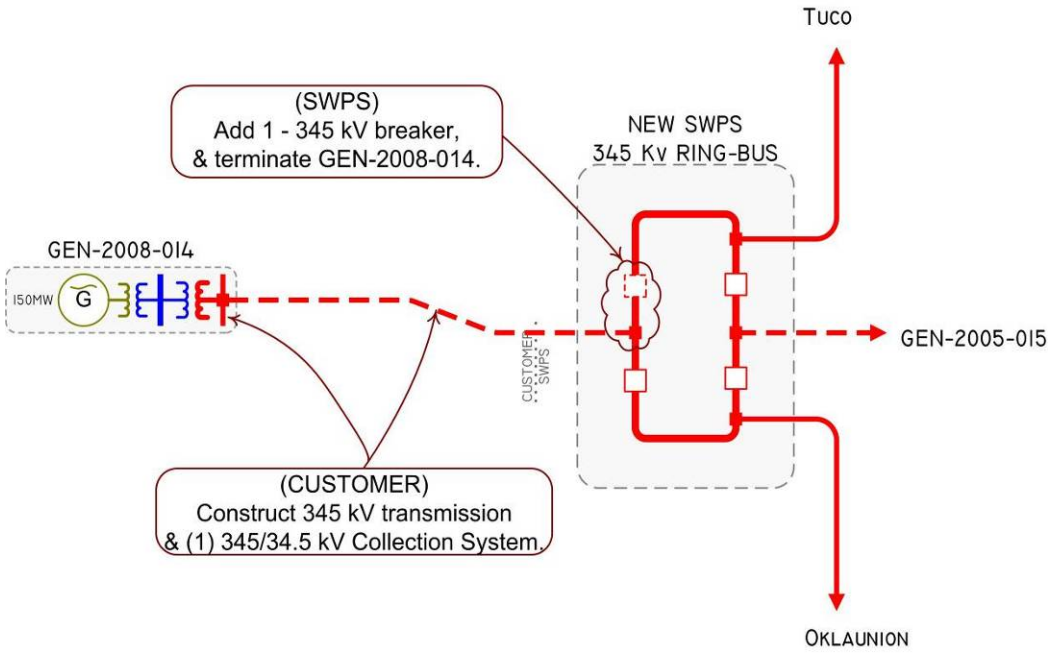
GEN-2008-009


GEN-2008-009
60MW
G
SAN JUAN MESA
(CUSTOMER)
Construct 230 kV transmission
& 230/34.5 kV Collection System.
OASIS
(SPS)
Add (1) 230 kV breaker and
terminate GEN-2008-009.
CUSTOMER
OKGE
SAN JUAN MESA (SPS)
230 kV
SWITCHING STATION
CHAVES
COUNTY
* PROPOSED

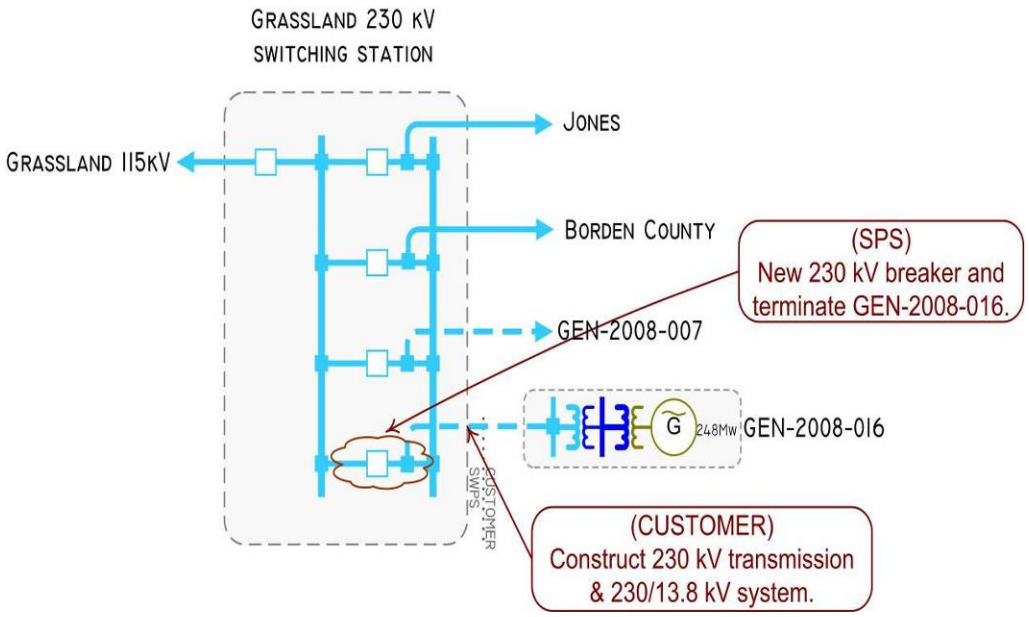
GEN-2008-013



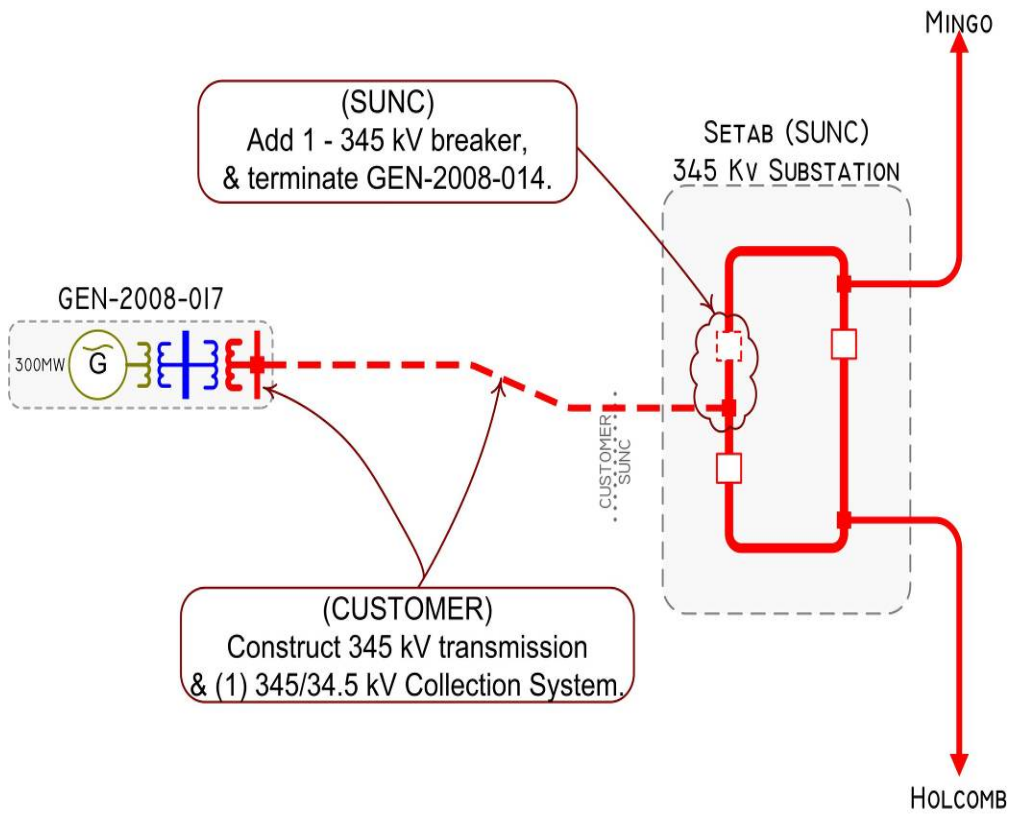
GEN-2008-014



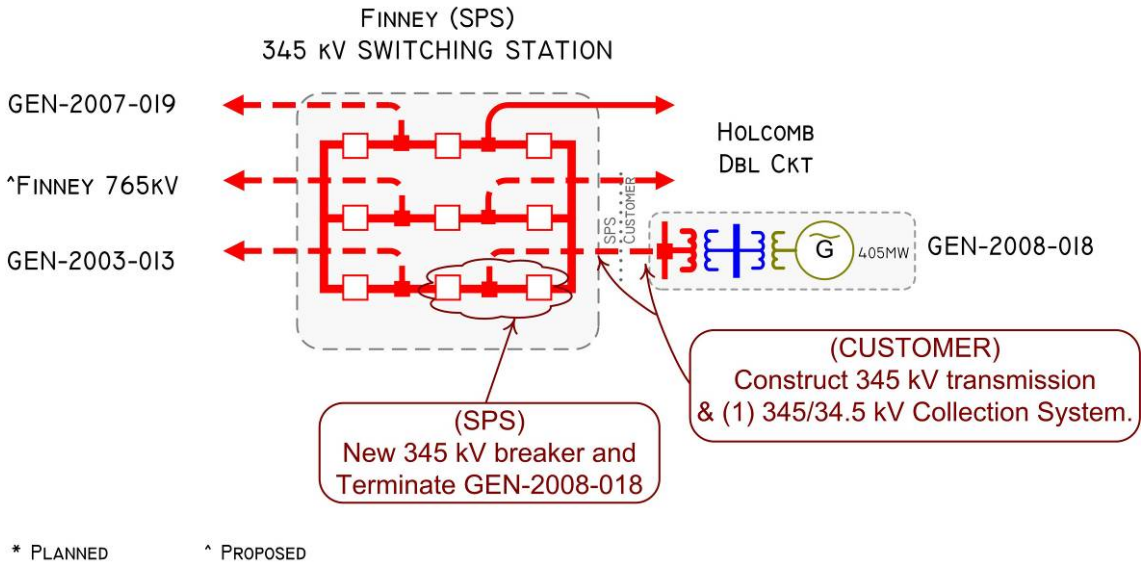
GEN-2008-016


GRASSLAND 230 kV
SWITCHING STATION
GRASSLAND 115kV
JONES
BORDEN COUNTY
GEN-2008-007
(SPS)
New 230 kV breaker and
terminate GEN-2008-016.
G
24.8MW
GEN-2008-016
CUSTOMER
SWPS
(CUSTOMER)
Construct 230 kV transmission
& 230/13.8 kV system.

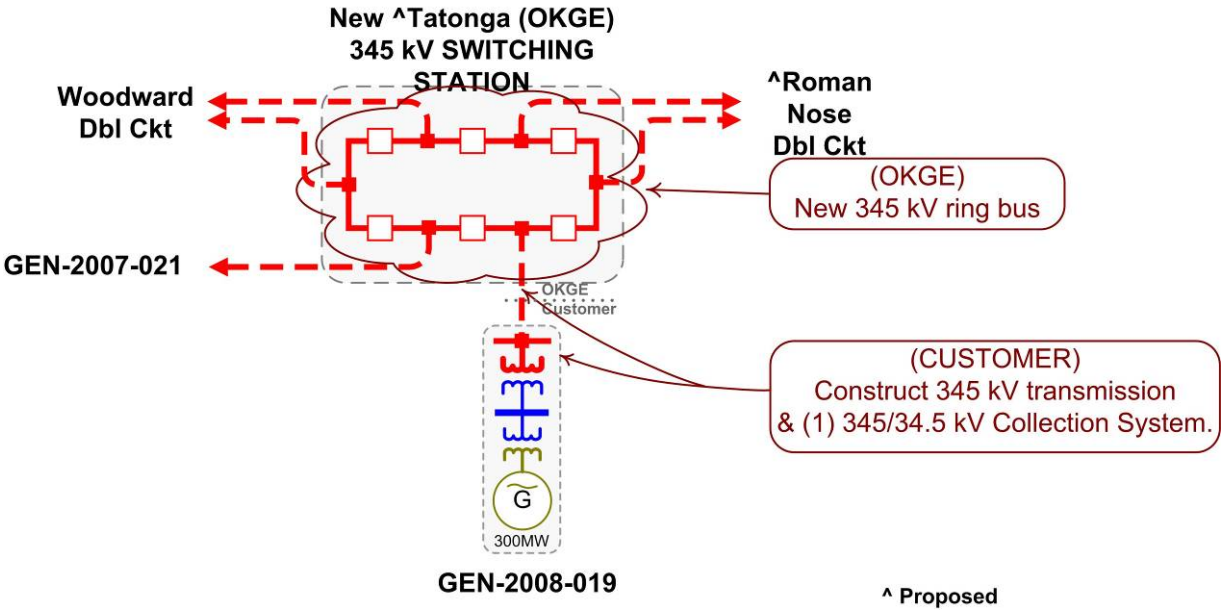
GEN-2008-017



GEN-2008-018



GEN-2008-019


New ^Tatonga (OKGE)
345 kV SWITCHING
STATION
Woodward
Dbl Ckt
^Roman
Nose
Dbl Ckt
(OKGE)
New 345 kV ring bus
GEN-2007-021
OKGE
Customer
(CUSTOMER)
Construct 345 kV transmission
& (1) 345/34.5 kV Collection System.
G
300MW
GEN-2008-019
^ Proposed

E: Cost Allocation per Interconnection Request

Appendix E. - Cost Allocation Per Request

(Including Previously Allocated Network Upgrades*)

Interconnection Request	Upgrade Type	Allocated Costs	E + C Costs
GEN-2006-006			
GEN-2006-006 Interconnection Cost		$5,447,000.00	$5,447,000.00
See Oneline Diagram			
Spearville (SPEARVL2) 345/230/13.8KV Transformer CKT 2		$6,400,000.00	$6,400,000.00
Spearville - Comanche 345KV CKT 1		$12,722,320.64	$58,500,000.00
Comanche - Woodward 345KV CKT 1		$4,748,360.77	$104,224,853.00
Medicine Lodge - Wichita 345KV CKT 1		$4,580,650.44	$90,000,000.00
Comanche - Medicine Lodge 345KV CKT 1		$3,201,365.70	$62,900,000.00
Woodward - Sooner Wind 138kV		$153,357.84	$4,500,000.00
Spearville - Knoll - Axtell 345kV	Balanced Portfolio		$236,000,000.00
Total E & C Cost for Spearville-Knoll-Axtell Project			
	Current Study Total	**$37,253,055.39**	
GEN-2007-005			
GEN-2007-005 Interconnection Cost		$3,925,014.00	$3,925,014.00
See Oneline Diagram			
Medicine Lodge - Wichita 345KV CKT 1		$3,647,083.30	$90,000,000.00
Comanche - Medicine Lodge 345KV CKT 1		$2,548,906.00	$62,900,000.00
Stevens County - Gray County 345KV CKT 1		$18,704,223.16	$70,907,000.00
Comanche - Woodward 345KV CKT 1		$2,274,343.38	$104,224,853.00
Spearville - Comanche 345KV CKT 1		$1,333,153.14	$58,500,000.00
Woodward - Sooner Wind 138kV		$118,415.82	$4,500,000.00
Hitchland - Woodward 345kV CKT 1	Assigned to Higher Queued GI		$93,000,000.00
Assigned to GEN-2006-049; If withdraws will trigger restudy			
Finney Switching Station - Holcomb 345KV CKT 2	Assigned to Higher Queued GI		$6,299,839.00
Assigned to GEN-2006-044; If withdraws will trigger restudy			
Tuco - Woodward 345kV	Balanced Portfolio		$229,000,000.00
Total E & C Cost for TUCO - Woodward Project			
	Current Study Total	**$32,551,138.80**	

* Current Study Requests' Costs of Previously Allocated Network Upgrades will be determined by a restudy, if neccesary.

Interconnection Request	Upgrade Type	Allocated Costs	E + C Costs
GEN-2007-021			
GEN-2007-021 Interconnection Cost		$3,073,000.00	$3,073,000.00
See Oneline Diagram			
Comanche - Woodward 345KV CKT 1		$5,722,249.96	$104,224,853.00
Medicine Lodge - Wichita 345KV CKT 1		$3,652,761.87	$90,000,000.00
Comanche - Medicine Lodge 345KV CKT 1		$2,552,874.68	$62,900,000.00
Woodward - Sooner Wind 138kV		$239,980.75	$4,500,000.00
	Current Study Total	**$15,240,867.26**	
GEN-2007-025			
GEN-2007-025 Interconnection Cost		$10,732,000.00	$10,732,000.00
	Current Study Total	**$10,732,000.00**	
GEN-2007-032			
GEN-2007-032 Interconnection Cost		$2,200,000.00	$2,200,000.00
See Oneline Diagram			
Clinton Jct Switches		$150,000.00	$150,000.00
	Current Study Total	**$2,350,000.00**	
GEN-2007-034			
GEN-2007-034 Interconnection Cost		$12,892,997.00	$12,892,997.00
See Oneline Diagram			
Tolk Station East - TUCO Interchange 230kV CKT 1		$145,287.34	$200,000.00
Replace Line Traps			
Deaf Smith - Bushland 230kV Line Trap		$140,690.82	$200,000.00
Replace Line Traps			
Comanche - Woodward 345KV CKT 1		$2,277,858.34	$104,224,853.00
Medicine Lodge - Wichita 345KV CKT 1		$2,438,698.50	$90,000,000.00
Comanche - Medicine Lodge 345KV CKT 1		$1,704,379.29	$62,900,000.00
Woodward - Sooner Wind 138kV		$79,917.93	$4,500,000.00
Tuco - Woodward 345kV	Balanced Portfolio		$229,000,000.00
Total E & C Cost for TUCO - Woodward Project			
Hitchland - Woodward 345kV CKT 1	Assigned to Higher Queued GI		$93,000,000.00
Assigned to GEN-2006-049; If withdraws will trigger restudy			
Finney Switching Station - Holcomb 345KV CKT 2	Assigned to Higher Queued GI		$6,299,839.00
Assigned to GEN-2006-044; If withdraws will trigger restudy			

* Current Study Requests' Costs of Previously Allocated Network Upgrades will be determined by a restudy, if neccesary.

Interconnection Request	Upgrade Type	Allocated Costs	E + C Costs
	Current Study Total	**$19,679,829.22**	
GEN-2007-038			
GEN-2007-038 Interconnection Cost		$3,663,731.00	$3,663,731.00
See Oneline Diagram			
Spearville - Comanche 345KV CKT 1		$12,846,512.68	$58,500,000.00
Comanche - Woodward 345KV CKT 1		$4,724,769.28	$104,224,853.00
Comanche - Medicine Lodge 345KV CKT 1		$3,288,646.53	$62,900,000.00
Medicine Lodge - Wichita 345KV CKT 1		$4,705,535.57	$90,000,000.00
Woodward - Sooner Wind 138kV		$153,524.03	$4,500,000.00
Spearville - Knoll - Axtell 345kV	Balanced Portfolio		$236,000,000.00
Total E & C Cost for Spearville-Knoll-Axtell Project			
	Current Study Total	**$29,382,719.09**	
GEN-2007-043			
GEN-2007-043 Interconnection Cost		$8,732,000.00	$8,732,000.00
See Oneline Diagram			
	Current Study Total	**$8,732,000.00**	
GEN-2007-044			
GEN-2007-044 Interconnection Cost		$3,073,000.00	$3,073,000.00
See Oneline Diagram			
Comanche - Woodward 345KV CKT 1		$8,540,671.58	$104,224,853.00
Comanche - Medicine Lodge 345KV CKT 1		$3,810,260.72	$62,900,000.00
Medicine Lodge - Wichita 345KV CKT 1		$5,451,883.39	$90,000,000.00
Woodward - Sooner Wind 138kV		$358,180.22	$4,500,000.00
	Current Study Total	**$21,233,995.91**	
GEN-2007-046			
GEN-2007-046 Interconnection Cost		$545,411.00	$545,411.00
See Oneline Diagram			
Medicine Lodge - Wichita 345KV CKT 1		$3,752,152.09	$90,000,000.00
Comanche - Medicine Lodge 345KV CKT 1		$2,622,337.41	$62,900,000.00
Stevens County - Gray County 345KV CKT 1		$20,048,605.79	$70,907,000.00

* Current Study Requests' Costs of Previously Allocated Network Upgrades will be determined by a restudy, if neccesary.

Interconnection Request	Upgrade Type	Allocated Costs	E + C Costs
Comanche - Woodward 345KV CKT 1		$2,154,386.33	$104,224,853.00
Spearville - Comanche 345KV CKT 1		$1,641,011.99	$58,500,000.00
Woodward - Sooner Wind 138kV		$137,277.77	$4,500,000.00
Hitchland - Woodward 345kV CKT 1	Assigned to Higher Queued GI		$93,000,000.00
Assigned to GEN-2006-049; If withdraws will trigger restudy			
Finney Switching Station - Holcomb 345KV CKT 2	Assigned to Higher Queued GI		$6,299,839.00
Assigned to GEN-2006-044; If withdraws will trigger restudy			
	Current Study Total	**$30,901,182.38**	
GEN-2007-048			
GEN-2007-048 Interconnection Cost		$3,558,890.00	$3,558,890.00
See Oneline Diagram			
Swisher - Amarillo South Line Traps		$77,464.00	$77,464.00
Medicine Lodge - Wichita 345KV CKT 1		$6,721,465.14	$90,000,000.00
Comanche - Medicine Lodge 345KV CKT 1		$4,697,557.30	$62,900,000.00
Comanche - Woodward 345KV CKT 1		$5,369,066.15	$104,224,853.00
Stevens County - Gray County 345KV CKT 1		$29,039,553.82	$70,907,000.00
Spearville - Comanche 345KV CKT 1		$746,332.33	$58,500,000.00
Hitchland - Woodward 345kV CKT 1	Assigned to Higher Queued GI		$93,000,000.00
Assigned to GEN-2006-049; If withdraws will trigger restudy			
Tuco - Woodward 345kV	Balanced Portfolio		$229,000,000.00
Total E & C Cost for TUCO - Woodward Project			
Finney Switching Station - Holcomb 345KV CKT 2	Assigned to Higher Queued GI		$6,299,839.00
Assigned to GEN-2006-044; If withdraws will trigger restudy			
	Current Study Total	**$50,210,328.74**	
GEN-2007-050			
GEN-2007-050 Interconnection Cost		$1,214,000.00	$1,214,000.00
See Oneline Diagram			
Comanche - Woodward 345KV CKT 1		$5,764,807.70	$104,224,853.00
Medicine Lodge - Wichita 345KV CKT 1		$3,818,953.66	$90,000,000.00
Comanche - Medicine Lodge 345KV CKT 1		$2,669,024.28	$62,900,000.00

* Current Study Requests' Costs of Previously Allocated Network Upgrades will be determined by a restudy, if neccesary.

Interconnection Request	Upgrade Type	Allocated Costs	E + C Costs
Woodward - Sooner Wind 138kV		$495,979.51	$4,500,000.00
	Current Study Total	**$13,962,765.15**	
GEN-2007-051			
GEN-2007-051 Interconnection Cost		$2,500,000.00	$2,500,000.00
Comanche - Woodward 345KV CKT 1		$5,085,861.19	$104,224,853.00
Medicine Lodge - Wichita 345KV CKT 1		$3,222,529.45	$90,000,000.00
Comanche - Medicine Lodge 345KV CKT 1		$2,252,190.03	$62,900,000.00
	Current Study Total	**$13,060,580.67**	
GEN-2007-052			
GEN-2007-052 Interconnection Costs		$909,000.00	$909,000.00
	Current Study Total	**$909,000.00**	
GEN-2007-057			
GEN-2007-057 Interconnection Cost		$450,797.00	$450,797.00
See Oneline Diagram			
Medicine Lodge - Wichita 345KV CKT 1		$615,105.86	$90,000,000.00
Comanche - Medicine Lodge 345KV CKT 1		$429,890.65	$62,900,000.00
Stevens County - Gray County 345KV CKT 1		$3,114,617.23	$70,907,000.00
Comanche - Woodward 345KV CKT 1		$392,556.89	$104,224,853.00
Spearville - Comanche 345KV CKT 1		$211,865.01	$58,500,000.00
Woodward - Sooner Wind 138kV		$19,588.76	$4,500,000.00
Hitchland - Woodward 345kV CKT 1	Assigned to Higher Queued GI		$93,000,000.00
Assigned to GEN-2006-049; If withdraws will trigger restudy			
Finney Switching Station - Holcomb 345KV CKT 2	Assigned to Higher Queued GI		$6,299,839.00
Assigned to GEN-2006-044; If withdraws will trigger restudy			
Tuco - Woodward 345kV	Balanced Portfolio		$229,000,000.00
Total E & C Cost for TUCO - Woodward Project			
	Current Study Total	**$5,234,421.40**	
GEN-2007-062			
Comanche - Woodward 345KV CKT 1		$28,325,216.13	$104,224,853.00

* Current Study Requests' Costs of Previously Allocated Network Upgrades will be determined by a restudy, if neccesary.

Interconnection Request	Upgrade Type	Allocated Costs	E + C Costs
GEN-2007-062 Interconnection Cost		$3,807,000.00	$3,807,000.00
See Oneline Diagram			
Comanche - Medicine Lodge 345KV CKT 1		$13,275,713.94	$62,900,000.00
Medicine Lodge - Wichita 345KV CKT 1		$18,995,457.15	$90,000,000.00
Woodward - Sooner Wind 138kV		$1,341,913.47	$4,500,000.00
	Current Study Total	**$65,745,300.69**	
GEN-2008-003			
GEN-2008-003 Interconnection Cost		$1,070,000.00	$1,070,000.00
Comanche - Woodward 345KV CKT 1		$3,404,944.90	$104,224,853.00
Comanche - Medicine Lodge 345KV CKT 1		$1,576,441.24	$62,900,000.00
Medicine Lodge - Wichita 345KV CKT 1		$2,255,639.30	$90,000,000.00
Woodward - Sooner Wind 138kV		$292,946.96	$4,500,000.00
	Current Study Total	**$8,599,972.40**	
GEN-2008-008			
GEN-2008-008 Interconnection Cost		$622,212.00	$622,212.00
See Oneline Diagram			
Comanche - Woodward 345KV CKT 1		$975,082.04	$104,224,853.00
Medicine Lodge - Wichita 345KV CKT 1		$948,705.74	$90,000,000.00
Comanche - Medicine Lodge 345KV CKT 1		$663,039.90	$62,900,000.00
Woodward - Sooner Wind 138kV		$33,178.53	$4,500,000.00
Tuco - Woodward 345kV	Balanced Portfolio		$229,000,000.00
Total E & C Cost for TUCO - Woodward Project			
Hitchland - Woodward 345kV CKT 1	Assigned to Higher Queued GI		$93,000,000.00
Assigned to GEN-2006-049; If withdraws will trigger restudy			
	Current Study Total	**$3,242,218.21**	
GEN-2008-009			
GEN-2008-009 Interconnection Cost		$872,471.00	$872,471.00
See Oneline Diagram			
Tolk Station East - TUCO Interchange 230kV CKT 1		$54,712.66	$200,000.00
Replace Line Traps			

* Current Study Requests' Costs of Previously Allocated Network Upgrades will be determined by a restudy, if neccesary.

Interconnection Request	Upgrade Type	Allocated Costs	E + C Costs
Deaf Smith - Bushland 230kV Line Trap		$59,309.18	$200,000.00
Replace Line Traps			
Comanche - Woodward 345KV CKT 1		$909,134.79	$104,224,853.00
Medicine Lodge - Wichita 345KV CKT 1		$976,320.86	$90,000,000.00
Comanche - Medicine Lodge 345KV CKT 1		$682,339.80	$62,900,000.00
Woodward - Sooner Wind 138kV		$31,916.17	$4,500,000.00
Tuco - Woodward 345kV	Balanced Portfolio		$229,000,000.00
Total E & C Cost for TUCO - Woodward Project			
Hitchland - Woodward 345kV CKT 1	Assigned to Higher Queued GI		$93,000,000.00
Assigned to GEN-2006-049; If withdraws will trigger restudy			
Finney Switching Station - Holcomb 345KV CKT 2	Assigned to Higher Queued GI		$6,299,839.00
Assigned to GEN-2006-044; If withdraws will trigger restudy			
	Current Study Total	**$3,586,204.46**	
GEN-2008-013			
GEN-2008-013 Interconnection Cost		$9,277,000.00	$9,277,000.00
See Oneline Diagram			
	Current Study Total	**$9,277,000.00**	
GEN-2008-014			
GEN-2008-014 Interconnection Cost		$1,872,918.00	$1,872,918.00
See Oneline Diagram			
Comanche - Woodward 345KV CKT 1		$2,311,166.72	$104,224,853.00
Comanche - Medicine Lodge 345KV CKT 1		$1,361,284.74	$62,900,000.00
Medicine Lodge - Wichita 345KV CKT 1		$1,947,784.21	$90,000,000.00
Woodward - Sooner Wind 138kV		$60,472.40	$4,500,000.00
Tuco - Woodward 345kV	Balanced Portfolio		$229,000,000.00
Total E & C Cost for TUCO - Woodward Project			
	Current Study Total	**$7,553,626.07**	
GEN-2008-016			
GEN-2008-016 Interconnection Cost		$892,129.00	$892,129.00
Comanche - Woodward 345KV CKT 1		$4,028,678.72	$104,224,853.00
Medicine Lodge - Wichita 345KV CKT 1		$3,921,949.41	$90,000,000.00

* Current Study Requests' Costs of Previously Allocated Network Upgrades will be determined by a restudy, if neccesary.

Interconnection Request	Upgrade Type	Allocated Costs	E + C Costs
Comanche - Medicine Lodge 345KV CKT 1		$2,741,006.86	$62,900,000.00
Grassland Interchange 230/115KV Transformer CKT 1 Replace		$3,550,000.00	$3,550,000.00
Woodward - Sooner Wind 138kV		$137,137.93	$4,500,000.00
Tuco - Woodward 345kV	Balanced Portfolio		$229,000,000.00
Total E & C Cost for TUCO - Woodward Project			
Hitchland - Woodward 345kV CKT 1	Assigned to Higher Queued GI		$93,000,000.00
Assigned to GEN-2006-049; If withdraws will trigger restudy			
	Current Study Total	**$15,270,901.92**	
GEN-2008-017			
GEN-2008-017 Interconnection Cost		$1,900,000.00	$1,900,000.00
See Oneline Diagram			
Spearville - Comanche 345KV CKT 1		$11,839,839.40	$58,500,000.00
Comanche - Medicine Lodge 345KV CKT 1		$3,550,701.08	$62,900,000.00
Medicine Lodge - Wichita 345KV CKT 1		$5,080,494.39	$90,000,000.00
Comanche - Woodward 345KV CKT 1		$3,703,423.73	$104,224,853.00
Woodward - Sooner Wind 138kV		$196,941.74	$4,500,000.00
Spearville - Knoll - Axtell 345kV	Balanced Portfolio		$236,000,000.00
Total E & C Cost for Spearville-Knoll-Axtell Project			
	Current Study Total	**$26,271,400.34**	
GEN-2008-018			
GEN-2008-018 Interconnection Cost		$2,564,167.00	$2,564,167.00
See Oneline Diagram			
Spearville - Comanche 345KV CKT 1		$17,158,964.82	$58,500,000.00
Medicine Lodge - Wichita 345KV CKT 1		$7,814,946.28	$90,000,000.00
Comanche - Medicine Lodge 345KV CKT 1		$5,461,779.13	$62,900,000.00
Comanche - Woodward 345KV CKT 1		$4,971,602.83	$104,224,853.00
Woodward - Sooner Wind 138kV		$291,089.97	$4,500,000.00
Spearville - Knoll - Axtell 345kV	Balanced Portfolio		$236,000,000.00
Total E & C Cost for Spearville-Knoll-Axtell Project			
	Current Study Total	**$38,262,550.03**	

* Current Study Requests' Costs of Previously Allocated Network Upgrades will be determined by a restudy, if neccesary.

Interconnection Request	Upgrade Type	Allocated Costs	E + C Costs
GEN-2008-019			
GEN-2008-019 Interconnection Cost		$3,073,000.00	$3,073,000.00
See Oneline Diagram			
Comanche - Woodward 345KV CKT 1		$8,540,671.58	$104,224,853.00
Medicine Lodge - Wichita 345KV CKT 1		$5,451,883.39	$90,000,000.00
Comanche - Medicine Lodge 345KV CKT 1		$3,810,260.72	$62,900,000.00
Woodward - Sooner Wind 138kV		$358,180.22	$4,500,000.00
	Current Study Total	**$21,233,995.91**	

* Current Study Requests' Costs of Previously Allocated Network Upgrades will be determined by a restudy, if neccesary.

F: Cost Allocation per Proposed Network Upgrade

Appendix F. - Cost Allocation Per Upgrade Facility

Upgrade Facility		Allocated Costs	E + C Costs
Clinton Jct Switches			**$150,000.00**
Replace Switches			
GEN-2007-032		$150,000.00	
	Total	**$150,000.00**	
Comanche - Medicine Lodge 345KV CKT 1			**$62,900,000.00**
GEN-2006-006		$3,201,365.70	
GEN-2007-005		$2,548,906.00	
GEN-2007-021		$2,552,874.68	
GEN-2007-034		$1,704,379.29	
GEN-2007-038		$3,288,646.53	
GEN-2007-044		$3,810,260.72	
GEN-2007-046		$2,622,337.41	
GEN-2007-048		$4,697,557.30	
GEN-2007-050		$2,669,024.28	
GEN-2007-051		$2,252,190.03	
GEN-2007-057		$429,890.65	
GEN-2007-062		$13,275,713.94	
GEN-2008-003		$1,576,441.24	
GEN-2008-008		$663,039.90	
GEN-2008-009		$682,339.80	
GEN-2008-014		$1,361,284.74	
GEN-2008-016		$2,741,006.86	
GEN-2008-017		$3,550,701.08	
GEN-2008-018		$5,461,779.13	
GEN-2008-019		$3,810,260.72	
	Total	**$62,900,000.00**	
Comanche - Woodward 345KV CKT 1			**$104,224,853.01**
GEN-2006-006		$4,748,360.77	
GEN-2007-005		$2,274,343.38	
GEN-2007-021		$5,722,249.96	
GEN-2007-034		$2,277,858.34	
GEN-2007-038		$4,724,769.28	
GEN-2007-044		$8,540,671.58	

Upgrade Facility		Allocated Costs	E + C Costs
GEN-2007-046		$2,154,386.33	
GEN-2007-048		$5,369,066.15	
GEN-2007-050		$5,764,807.70	
GEN-2007-051		$5,085,861.19	
GEN-2007-057		$392,556.89	
GEN-2007-062		$28,325,216.13	
GEN-2008-003		$3,404,944.90	
GEN-2008-008		$975,082.04	
GEN-2008-009		$909,134.79	
GEN-2008-014		$2,311,166.72	
GEN-2008-016		$4,028,678.72	
GEN-2008-017		$3,703,423.73	
GEN-2008-018		$4,971,602.83	
GEN-2008-019		$8,540,671.58	
	Total	**$104,224,853.01**	
Deaf Smith - Bushland 230kV Line Trap			**$200,000.00**
Replace Line Traps			
GEN-2007-034		$140,690.82	
GEN-2008-009		$59,309.18	
	Total	**$200,000.00**	
GEN-2006-006 Interconnection Cost			**$5,447,000.00**
See Oneline Diagram			
GEN-2006-006		$5,447,000.00	
	Total	**$5,447,000.00**	
GEN-2007-005 Interconnection Cost			**$3,925,014.00**
See Oneline Diagram			
GEN-2007-005		$3,925,014.00	
	Total	**$3,925,014.00**	
GEN-2007-021 Interconnection Cost			**$3,073,000.00**
See Oneline Diagram			
GEN-2007-021		$3,073,000.00	
	Total	**$3,073,000.00**	
GEN-2007-025 Interconnection Cost			**$10,732,000.00**
GEN-2007-025		$10,732,000.00	
	Total	**$10,732,000.00**	

Upgrade Facility		Allocated Costs	E + C Costs
GEN-2007-032 Interconnection Cost			**$2,200,000.00**
See Oneline Diagram			
GEN-2007-032		$2,200,000.00	
	Total	**$2,200,000.00**	
GEN-2007-034 Interconnection Cost			**$12,892,997.00**
See Oneline Diagram			
GEN-2007-034		$12,892,997.00	
	Total	**$12,892,997.00**	
GEN-2007-038 Interconnection Cost			**$3,663,731.00**
See Oneline Diagram			
GEN-2007-038		$3,663,731.00	
	Total	**$3,663,731.00**	
GEN-2007-043 Interconnection Cost			**$8,732,000.00**
See Oneline Diagram			
GEN-2007-043		$8,732,000.00	
	Total	**$8,732,000.00**	
GEN-2007-044 Interconnection Cost			**$3,073,000.00**
See Oneline Diagram			
GEN-2007-044		$3,073,000.00	
	Total	**$3,073,000.00**	
GEN-2007-046 Interconnection Cost			**$545,411.00**
See Oneline Diagram			
GEN-2007-046		$545,411.00	
	Total	**$545,411.00**	
GEN-2007-048 Interconnection Cost			**$3,558,890.00**
See Oneline Diagram			
GEN-2007-048		$3,558,890.00	
	Total	**$3,558,890.00**	
GEN-2007-050 Interconnection Cost			**$1,214,000.00**
See Oneline Diagram			
GEN-2007-050		$1,214,000.00	
	Total	**$1,214,000.00**	
GEN-2007-051 Interconnection Cost			**$2,500,000.00**
GEN-2007-051		$2,500,000.00	
	Total	**$2,500,000.00**	

Upgrade Facility		Allocated Costs	E + C Costs
GEN-2007-052 Interconnection Costs			**$909,000.00**
GEN-2007-052		$909,000.00	
	Total	**$909,000.00**	
GEN-2007-057 Interconnection Cost			**$450,797.00**
See Oneline Diagram			
GEN-2007-057		$450,797.00	
	Total	**$450,797.00**	
GEN-2007-062 Interconnection Cost			**$3,807,000.00**
See Oneline Diagram			
GEN-2007-062		$3,807,000.00	
	Total	**$3,807,000.00**	
GEN-2008-003 Interconnection Cost			**$1,070,000.00**
GEN-2008-003		$1,070,000.00	
	Total	**$1,070,000.00**	
GEN-2008-008 Interconnection Cost			**$622,212.00**
See Oneline Diagram			
GEN-2008-008		$622,212.00	
	Total	**$622,212.00**	
GEN-2008-009 Interconnection Cost			**$872,471.00**
See Oneline Diagram			
GEN-2008-009		$872,471.00	
	Total	**$872,471.00**	
GEN-2008-013 Interconnection Cost			**$9,277,000.00**
See Oneline Diagram			
GEN-2008-013		$9,277,000.00	
	Total	**$9,277,000.00**	
GEN-2008-014 Interconnection Cost			**$1,872,918.00**
See Oneline Diagram			
GEN-2008-014		$1,872,918.00	
	Total	**$1,872,918.00**	
GEN-2008-016 Interconnection Cost			**$892,129.00**
GEN-2008-016		$892,129.00	
	Total	**$892,129.00**	

Upgrade Facility		Allocated Costs	E + C Costs
GEN-2008-017 Interconnection Cost			**$1,900,000.00**
See Oneline Diagram			
GEN-2008-017		$1,900,000.00	
	Total	**$1,900,000.00**	
GEN-2008-018 Interconnection Cost			**$2,564,167.00**
See Oneline Diagram			
GEN-2008-018		$2,564,167.00	
	Total	**$2,564,167.00**	
GEN-2008-019 Interconnection Cost			**$3,073,000.00**
See Oneline Diagram			
GEN-2008-019		$3,073,000.00	
	Total	**$3,073,000.00**	
Grassland Interchange 230/115KV Transformer CKT 1 Replace			**$3,550,000.00**
GEN-2008-016		$3,550,000.00	
	Total	**$3,550,000.00**	
Medicine Lodge - Wichita 345KV CKT 1			**$90,000,000.00**
GEN-2006-006		$4,580,650.44	
GEN-2007-005		$3,647,083.30	
GEN-2007-021		$3,652,761.87	
GEN-2007-034		$2,438,698.50	
GEN-2007-038		$4,705,535.57	
GEN-2007-044		$5,451,883.39	
GEN-2007-046		$3,752,152.09	
GEN-2007-048		$6,721,465.14	
GEN-2007-050		$3,818,953.66	
GEN-2007-051		$3,222,529.45	
GEN-2007-057		$615,105.86	
GEN-2007-062		$18,995,457.15	
GEN-2008-003		$2,255,639.30	
GEN-2008-008		$948,705.74	
GEN-2008-009		$976,320.86	
GEN-2008-014		$1,947,784.21	
GEN-2008-016		$3,921,949.41	
GEN-2008-017		$5,080,494.39	
GEN-2008-018		$7,814,946.28	

Upgrade Facility		Allocated Costs	E + C Costs
GEN-2008-019		$5,451,883.39	
	Total	**$90,000,000.00**	
Spearville - Comanche 345KV CKT 1			**$58,500,000.01**
GEN-2006-006		$12,722,320.64	
GEN-2007-005		$1,333,153.14	
GEN-2007-038		$12,846,512.68	
GEN-2007-046		$1,641,011.99	
GEN-2007-048		$746,332.33	
GEN-2007-057		$211,865.01	
GEN-2008-017		$11,839,839.40	
GEN-2008-018		$17,158,964.82	
	Total	**$58,500,000.01**	
Spearville (SPEARVL2) 345/230/13.8KV Transformer CKT 2			**$6,400,000.00**
GEN-2006-006		$6,400,000.00	
	Total	**$6,400,000.00**	
Stevens County - Gray County 345KV CKT 1			**$70,907,000.00**
GEN-2007-005		$18,704,223.16	
GEN-2007-046		$20,048,605.79	
GEN-2007-048		$29,039,553.82	
GEN-2007-057		$3,114,617.23	
	Total	**$70,907,000.00**	
Swisher - Amarillo South Line Traps			**$77,464.00**
GEN-2007-048		$77,464.00	
	Total	**$77,464.00**	
Tolk Station East - TUCO Interchange 230kV CKT 1			**$200,000.00**
Replace Line Traps			
GEN-2007-034		$145,287.34	
GEN-2008-009		$54,712.66	
	Total	**$200,000.00**	
Woodward - Sooner Wind 138kV			**$4,500,000.02**
GEN-2006-006		$153,357.84	
GEN-2007-005		$118,415.82	

Upgrade Facility	Allocated Costs	E + C Costs
GEN-2007-021	$239,980.75	
GEN-2007-034	$79,917.93	
GEN-2007-038	$153,524.03	
GEN-2007-044	$358,180.22	
GEN-2007-046	$137,277.77	
GEN-2007-050	$495,979.51	
GEN-2007-057	$19,588.76	
GEN-2007-062	$1,341,913.47	
GEN-2008-003	$292,946.96	
GEN-2008-008	$33,178.53	
GEN-2008-009	$31,916.17	
GEN-2008-014	$60,472.40	
GEN-2008-016	$137,137.93	
GEN-2008-017	$196,941.74	
GEN-2008-018	$291,089.97	
GEN-2008-019	$358,180.22	
Total	**$4,500,000.02**	
	Current Study Upgrades Total	**$490,477,054.04**

G: ACCC analysis (no upgrades)

SOURCE	GROUP DISPATCH SCENARIO	SEASON	ELEMENT	DIRECTION	RATEA	RATEB	TC%LOADING	TDF	CONTNAME
G06_006	3	10G	'CIRCLE - MULLERGREN 230KV CKT 1'	'TO->FROM'	319	319	102.8786	0.21063	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G06_006	2	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	111.005	0.36416	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G06_006	3	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	107.059	0.27892	'KNOLL345 345.00 345/230KV TRANSFORMER CKT 1'
G06_006	3	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	142.0135	0.36418	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G06_006	3	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	107.1465	0.29577	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G06_006	3	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	100.1597	0.29577	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G06_006	3	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	114.8625	0.77018	'SPEARVILLE (SPEARVL) 345/230/13.8KV TRANSFORMER CKT 1'
G06_006	3	10G	'SPEARVILLE (SPEARVL) 345/230/13.8KV TRANSFORMER CKT 1'	'FROM->TO'	336	336	121.7964	0.90765	'MULLERGREN - SPEARVILLE 230KV CKT 1'
G06_006	3	10G	'SPEARVILLE (SPEARVL) 345/230/13.8KV TRANSFORMER CKT 1'	'FROM->TO'	336	336	121.7731	0.90765	'MULLERGREN - SPEARVILLE 230KV CKT 1'
G07_005	1	10G	FDNS-Blown up		1195	1195	90.10446	0.21463	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_005	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	107.8849	0.26936	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G07_005	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	102.3429	0.33915	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	102.9783	0.36637	'PRINGLE INTERCHANGE 230/115KV TRANSFORMER CKT 1'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	102.7888	0.36637	'PRINGLE INTERCHANGE 230/115KV TRANSFORMER CKT 1'
G07_021	1	10G	FDNS-Blown up		1195	1195	90.10446	0.55767	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_021	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	107.8849	0.57039	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G07_021	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	102.3429	0.60843	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_021	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	251.1967	0.23549	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_021	2	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	140.7761	0.23549	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_021	3	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	173.2941	0.23571	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_021	4	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	158.7627	0.23592	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_021	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	215.1727	0.23562	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_021	5	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	121.4746	0.23562	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_021	6	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	191.3146	0.23582	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_021	6	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	108.6685	0.23582	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_021	7	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	132.6275	0.23599	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_034	1	10G	FDNS-Blown up		1195	1195	90.10446	0.20137	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_034	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	107.8849	0.30551	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G07_034	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	102.3429	0.29343	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_034	5	10G	'BUSHLAND INTERCHANGE - POTTER COUNTY INTERCHANGE '	'FROM->TO'	319	351	102.7723	0.2431	'G06-39T 230.00 - POTTER COUNTY INTERCHANGE 230KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.2489	0.24442	'PNM BLACKWATER DC TIE - Roosevelt County Interchange SOUTH 230KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.5	0.24442	'HARRINGTON STATION 230/24.0KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.6	0.24442	'Harrington Station Mid Bus 230/24.0KV TRANSFORMER CKT 1'
G07_034	5	10G	'DEAF SMITH COUNTY INTERCHANGE - G06-39T 230.00 230KV'	'FROM->TO'	319	351	106.7	0.19496	'TOLK STATION EAST 230/24.0KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.3	0.24442	'JONES STATION 230/22.0KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.3	0.24442	'Jones Station Bus#2 230/22.0KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.1	0.24442	'G07-48T 230.00 230/34.5KV TRANSFORMER CKT 1'
G07_038	2	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	111.005	0.31547	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G07_038	2	10G	'SPEARVILLE (SPEARVL) 345/230/13.8KV TRANSFORMER CKT 1'	'FROM->TO'	336	336	103.8247	0.38504	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G07_038	2	10G	'SPEARVILLE (SPEARVL) 345/230/13.8KV TRANSFORMER CKT 1'	'FROM->TO'	336	336	103.8194	0.38504	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G07_038	3	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	107.059	0.22623	'KNOLL345 345.00 345/230KV TRANSFORMER CKT 1'
G07_038	3	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	142.0135	0.3155	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G07_038	3	10G	'CIRCLE - MULLERGREN 230KV CKT 1'	'TO->FROM'	319	319	102.8786	0.19539	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_038	3	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	107.1465	0.23011	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_038	3	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	100.1597	0.23011	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_043	7	10G	'G07-43T 345.00 345/34.5KV TRANSFORMER CKT 1'	'FROM->TO'	198	330	122.2102	1	'BASE CASE'
G07_044	1	10G	FDNS-Blown up		1195	1195	90.10446	0.55767	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_044	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	107.8849	0.57039	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G07_044	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	102.3429	0.60843	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_044	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	251.1967	0.23549	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_044	2	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	140.7761	0.23549	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_044	3	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	173.2941	0.23571	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_044	4	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	158.7627	0.23592	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_044	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	215.1727	0.23562	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_044	5	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	121.4746	0.23562	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_044	6	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	191.3146	0.23582	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_044	6	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	108.6685	0.23582	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_044	7	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	132.6275	0.23599	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_046	1	10G	FDNS-Blown up		1195	1195	90.10446	0.22127	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_046	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	107.8849	0.27124	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G07_046	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	102.3429	0.353	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_048	1	10G	FDNS-Blown up		1195	1195	90.10446	0.20232	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_048	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	107.8849	0.28119	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G07_048	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	102.3429	0.30651	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_050	1	10G	FDNS-Blown up		1195	1195	90.10446	0.37456	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_050	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	107.8849	0.39586	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	103.1929	0.20648	'DEWEY - IODINE 138KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	104.4146	0.20648	'IODINE - WWRDEHV4 138.00 138KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	151.12	0.27351	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_050	1	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	112.9252	0.27351	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	102.4201	0.20709	'Hitchland Interchange - WWRDEHV7 345.00 345KV CKT 1'
G07_050	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	102.3429	0.43529	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	113.662	0.19711	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'

SOURCE	GROUP DISPATCH SCENARIO	SEASON	ELEMENT	DIRECTION	RATEA	RATEB	TC%LOADING	TDF	CONTNAME
G07_050	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	143.0131	0.19691	'WOODWARD - WOODWARD 69KV CKT 1'
G07_050	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	150.1759	0.20627	'DEWEY - IODINE 138KV CKT 1'
G07_050	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	151.3828	0.20627	'IODINE - WWRDEHV4 138.00 138KV CKT 1'
G07_050	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	251.1967	0.27314	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_050	2	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	140.7761	0.27314	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_050	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	223.5902	0.27314	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_050	2	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	125.9016	0.27314	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_050	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	118.8607	0.19043	'MIDPT_BUS 7 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_050	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	118.8272	0.19043	'MIDPT_BUS 7 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G07_050	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	155.8549	0.19691	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
G07_050	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	117.3142	0.20724	'WWRDEHV7 345.00 (WWDEHV-T) 345/138/13.8KV TRANSFORMER CKT 1'
G07_050	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	117.3142	0.20724	'WWRDEHV7 345.00 (WWDEHV-T2) 345/138/13.8KV TRANSFORMER CKT 2'
G07_050	3	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	102.2945	0.19703	'WOODWARD - WOODWARD 69KV CKT 1'
G07_050	3	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	106.5798	0.20639	'DEWEY - IODINE 138KV CKT 1'
G07_050	3	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	107.693	0.20639	'IODINE - WWRDEHV4 138.00 138KV CKT 1'
G07_050	3	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	173.2941	0.27336	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_050	3	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	146.0349	0.27336	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_050	3	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	114.8146	0.19703	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
G07_050	4	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	100.0587	0.20651	'IODINE - WWRDEHV4 138.00 138KV CKT 1'
G07_050	4	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	158.7627	0.27357	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_050	4	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	132.3594	0.27357	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_050	4	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	107.6843	0.19714	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
G07_050	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	119.9511	0.19698	'WOODWARD - WOODWARD 69KV CKT 1'
G07_050	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	126.2064	0.20634	'DEWEY - IODINE 138KV CKT 1'
G07_050	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	127.4014	0.20634	'IODINE - WWRDEHV4 138.00 138KV CKT 1'
G07_050	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	215.1727	0.27326	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_050	5	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	121.4746	0.27326	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_050	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	186.5257	0.27326	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_050	5	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	106.1781	0.27326	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_050	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	132.8123	0.19698	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
G07_050	6	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	111.1442	0.19709	'WOODWARD - WOODWARD 69KV CKT 1'
G07_050	6	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	116.0695	0.20645	'DEWEY - IODINE 138KV CKT 1'
G07_050	6	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	117.2529	0.20645	'IODINE - WWRDEHV4 138.00 138KV CKT 1'
G07_050	6	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	191.3146	0.27347	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_050	6	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	108.6685	0.27347	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_050	6	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	164.2096	0.27347	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_050	6	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	123.8335	0.19709	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
G07_050	7	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	132.6275	0.27364	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_050	7	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	106.2815	0.27364	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_051	1	10G	FDNS-Blown up		1195	1195	90.10446	0.25928	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_051	1	10G	'MOORELAND 138/34.5KV TRANSFORMER CKT 1'	'FROM->TO'	110	110	144.7473	1	'BASE CASE'
G07_051	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	107.8849	0.27031	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G07_051	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	102.3429	0.30817	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_057	1	10G	FDNS-Blown up		1195	1195	90.10446	0.21331	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_057	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	107.8849	0.26997	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G07_057	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	102.3429	0.33595	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_062	1	10G	FDNS-Blown up		1195	1195	90.10446	0.42177	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_062	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	107.8849	0.44738	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G07_062	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	151.12	0.23587	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_062	1	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	112.9252	0.23587	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_062	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	102.3429	0.48737	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_062	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	251.1967	0.23549	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_062	2	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	140.7761	0.23549	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_062	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	223.5902	0.23549	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_062	2	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	125.9016	0.23549	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_062	3	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	173.2941	0.23571	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_062	3	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	146.0349	0.23571	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_062	4	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	158.7627	0.23592	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_062	4	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	132.3594	0.23592	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_062	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	215.1727	0.23562	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_062	5	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	121.4746	0.23562	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_062	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	186.5257	0.23562	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_062	5	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	106.1781	0.23562	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_062	6	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	191.3146	0.23582	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_062	6	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	108.6685	0.23582	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_062	6	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	164.2096	0.23582	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_062	7	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	132.6275	0.23599	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_062	7	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	106.2815	0.23599	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G08_003	1	10G	FDNS-Blown up		1195	1195	90.10446	0.37456	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_003	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	107.8849	0.39586	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	103.1929	0.20648	'DEWEY - IODINE 138KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	104.4146	0.20648	'IODINE - WWRDEHV4 138.00 138KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	151.12	0.27351	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'

SOURCE	GROUP DISPATCH SCENARIO	SEASON	ELEMENT	DIRECTION	RATEA	RATEB	TC%LOADING	TDF	CONTNAME
G08_003	1	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	112.9252	0.27351	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	102.4201	0.20709	'Hitchland Interchange - WWRDEHV7 345.00 345KV CKT 1'
G08_003	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	102.3429	0.43529	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	113.662	0.19711	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
G08_003	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	143.0131	0.19691	'WOODWARD - WOODWARD 69KV CKT 1'
G08_003	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	150.1759	0.20627	'DEWEY - IODINE 138KV CKT 1'
G08_003	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	151.3828	0.20627	'IODINE - WWRDEHV4 138.00 138KV CKT 1'
G08_003	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	251.1967	0.27314	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_003	2	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	140.7761	0.27314	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_003	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	223.5902	0.27314	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G08_003	2	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	125.9016	0.27314	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G08_003	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	118.8607	0.19043	'MIDPT_BUS 7 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G08_003	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	118.8272	0.19043	'MIDPT_BUS 7 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G08_003	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	155.8549	0.19691	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
G08_003	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	117.3142	0.20724	'WWRDEHV7 345.00 (WWDEHV-T) 345/138/13.8KV TRANSFORMER CKT 1'
G08_003	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	117.3142	0.20724	'WWRDEHV7 345.00 (WWDEHV-T2) 345/138/13.8KV TRANSFORMER CKT 2'
G08_003	3	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	102.2945	0.19703	'WOODWARD - WOODWARD 69KV CKT 1'
G08_003	3	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	106.5798	0.20639	'DEWEY - IODINE 138KV CKT 1'
G08_003	3	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	107.693	0.20639	'IODINE - WWRDEHV4 138.00 138KV CKT 1'
G08_003	3	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	173.2941	0.27336	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_003	3	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	146.0349	0.27336	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G08_003	3	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	114.8146	0.19703	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
G08_003	4	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	100.0587	0.20651	'IODINE - WWRDEHV4 138.00 138KV CKT 1'
G08_003	4	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	158.7627	0.27357	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_003	4	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	132.3594	0.27357	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G08_003	4	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	107.6843	0.19714	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
G08_003	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	119.9511	0.19698	'WOODWARD - WOODWARD 69KV CKT 1'
G08_003	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	126.2064	0.20634	'DEWEY - IODINE 138KV CKT 1'
G08_003	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	127.4014	0.20634	'IODINE - WWRDEHV4 138.00 138KV CKT 1'
G08_003	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	215.1727	0.27326	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_003	5	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	121.4746	0.27326	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_003	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	186.5257	0.27326	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G08_003	5	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	106.1781	0.27326	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G08_003	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	132.8123	0.19698	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
G08_003	6	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	111.1442	0.19709	'WOODWARD - WOODWARD 69KV CKT 1'
G08_003	6	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	116.0695	0.20645	'DEWEY - IODINE 138KV CKT 1'
G08_003	6	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	117.2529	0.20645	'IODINE - WWRDEHV4 138.00 138KV CKT 1'
G08_003	6	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	191.3146	0.27347	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_003	6	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	108.6685	0.27347	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_003	6	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	164.2096	0.27347	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G08_003	6	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	123.8335	0.19709	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
G08_003	7	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	132.6275	0.27364	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_003	7	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	106.2815	0.27364	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G08_008	1	10G	FDNS-Blown up		1195	1195	90.10446	0.19953	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_008	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	107.8849	0.31863	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G08_008	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	102.3429	0.28346	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G08_009	1	10G	FDNS-Blown up		1195	1195	90.10446	0.20141	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_009	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	107.8849	0.30507	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G08_009	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	102.3429	0.29373	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G08_009	5	10G	'BUSHLAND INTERCHANGE - POTTER COUNTY INTERCHANGE '	'FROM->TO'	319	351	102.7723	0.24352	'G06-39T 230.00 - POTTER COUNTY INTERCHANGE 230KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.2489	0.23015	'PNM BLACKWATER DC TIE - Roosevelt County Interchange SOUTH 230KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.5	0.23015	'HARRINGTON STATION 230/24.0KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.6	0.23015	'Harrington Station Mid Bus 230/24.0KV TRANSFORMER CKT 1'
G08_009	5	10G	'DEAF SMITH COUNTY INTERCHANGE - G06-39T 230.00 230KV	'FROM->TO'	319	351	106.7	0.20547	'TOLK STATION EAST 230/24.0KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.3	0.23015	'JONES STATION 230/22.0KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.3	0.23015	'Jones Station Bus#2 230/22.0KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.1	0.23015	'G07-48T 230.00 230/34.5KV TRANSFORMER CKT 1'
G08_014	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	107.8849	0.33235	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G08_014	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	102.3429	0.21996	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G08_016	1	10G	FDNS-Blown up		1195	1195	90.10446	0.19955	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_016	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	107.8849	0.31854	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G08_016	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	102.3429	0.28353	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G08_018	2	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	111.005	0.19004	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G08_018	2	10G	'SPEARVILLE (SPEARVL) 345/230/13.8KV TRANSFORMER CKT 1'	'FROM->TO'	336	336	103.8247	0.21371	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G08_018	2	10G	'SPEARVILLE (SPEARVL) 345/230/13.8KV TRANSFORMER CKT 1'	'FROM->TO'	336	336	103.8194	0.21371	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G08_018	3	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	142.0135	0.19007	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G08_019	1	10G	FDNS-Blown up		1195	1195	90.10446	0.55767	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_019	1	10G	'G08-19 345.00 345/34.5KV TRANSFORMER CKT 1'	'FROM->TO'	150	150	162.2306	1	'BASE CASE'
G08_019	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	107.8849	0.57039	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G08_019	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	102.3429	0.60843	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G08_019	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	251.1967	0.23549	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_019	2	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	140.7761	0.23549	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_019	3	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	173.2941	0.23571	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'

SOURCE	GROUP DISPATCH SCENARIO	SEASON	ELEMENT	DIRECTION	RATEA	RATEB	TC%LOADING	TDF	CONTNAME
G08_019	4	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	158.7627	0.23592	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_019	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	215.1727	0.23562	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_019	5	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	121.4746	0.23562	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_019	6	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	191.3146	0.23582	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_019	6	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	108.6685	0.23582	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_019	7	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	132.6275	0.23599	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'

ADDITIONAL OVERLOADS AT 100% NAMEPLATE (DC ANALYSIS

G07_048	5	10G	'G07-48T 230.00 - SWISHER COUNTY INTERCHANGE 230KV CI	FROM->TO	319	351	112.2431	1	'AMARILLO SOUTH INTERCHANGE - G07-48T 230.00 230KV CKT 1'
G07_048	5	10G	'AMARILLO SOUTH INTERCHANGE - G07-48T 230.00 230KV CK	TO->FROM	319	351	112.2111	1	'G07-48T 230.00 - SWISHER COUNTY INTERCHANGE 230KV CKT 1'
G08_016	6	10G	'GRASSLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1'	FROM->TO	115	115	106.3178	0.66331	'GRASSLAND INTERCHANGE - JONES_BUS2 6230.00 230KV CKT 1'
G07_032	7	10G	CLINTON JUNCTION - G07-32T 138.00 138KV CKT 1	TO->FROM	143	143	105.1893	1	G07-32T 138.00 - CLINTON 138.00 CKT 1
G07_032	7	10G	CLINTON - G07-32T 138.00 138KV CKT 1	FROM->TO	143	143	105.1893	1	G07-32T 138.00 - CLINTON JCT 138.00 CKT 1

H: ACCC analysis (no upgrades) (without Hitchland-Woodward)

SOURCE	GROUP DISPATCH SCENARIO	SEASON	ELEMENT	DIRECTION	RATEA	RATEB	TC%LOADING	TDF	CONTNAME
G06_006	3	10G	'CIRCLE - MULLERGREN 230KV CKT 1'	'TO->FROM'	319	319	102.9382	0.20016	'AXTELL - KNOLL345 345.00 345KV CKT 1'
G06_006	3	10G	'CIRCLE - MULLERGREN 230KV CKT 1'	'TO->FROM'	319	319	104.0513	0.21047	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G06_006	3	10G	'CIRCLE - MULLERGREN 230KV CKT 1'	'TO->FROM'	319	319	105.7476	0.20352	'KNOLL 230 - SMOKYHLLS6 230.00 230KV CKT 1'
G06_006	3	10G	'CIRCLE - MULLERGREN 230KV CKT 1'	'TO->FROM'	319	319	110.9282	0.20352	'SMOKYHLLS6 230.00 - SUMMIT 230KV CKT 1'
G06_006	2	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	107.2223	0.29142	'KNOLL345 345.00 345/230KV TRANSFORMER CKT 1'
G06_006	2	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	142.6352	0.38495	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G06_006	3	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	119.6482	0.29167	'KNOLL345 345.00 345/230KV TRANSFORMER CKT 1'
G06_006	3	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	161.4924	0.38529	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G06_006	3	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	100.2815	0.25285	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G06_006	3	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	108.2685	0.29563	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G06_006	3	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	100.1691	0.29563	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G06_006	3	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	101.0257	0.26704	'HOLCOMB - SETAB 345KV CKT 1'
G06_006	3	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	104.8904	0.26929	'MINGO - SETAB 345KV CKT 1'
G06_006	3	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	100.734	0.26668	'MINGO - RED WILLOW 345KV CKT 1'
G06_006	3	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	116.4839	0.77091	'SPEARVILLE (SPEARVL) 345/230/13.8KV TRANSFORMER CKT 1'
G06_006	3	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	100.6243	0.25155	'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1'
G06_006	5	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	104.611	0.38549	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G06_006	3	10G	'SPEARVILLE (SPEARVL) 345/230/13.8KV TRANSFORMER CKT 1'	'FROM->TO'	336	336	119.8355	0.90559	'MULLERGREN - SPEARVILLE 230KV CKT 1'
G06_006	3	10G	'SPEARVILLE (SPEARVL) 345/230/13.8KV TRANSFORMER CKT 1'	'FROM->TO'	336	336	120.0507	0.90559	'MULLERGREN - SPEARVILLE 230KV CKT 1'
G07_005	2	10G	FDNS-Blown up		956	1052	93.04478	0.39321	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_005	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	101.7224	0.19931	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	109.298	0.21797	'BASE CASE'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	109.0228	0.21797	'BASE CASE'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	103.6663	0.21944	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	103.4308	0.21944	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G07_005	2	10G	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT	'TO->FROM'	956	1052	109.9486	0.43696	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G07_005	2	10G	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT	'TO->FROM'	956	1052	100.4849	0.44416	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	105.1038	0.22646	'HITCHLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	104.8458	0.22646	'HITCHLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	111.188	0.22088	'HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	110.9618	0.22088	'HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1'
G07_005	2	10G	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'	'FROM->TO'	319	351	140.9644	0.24994	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	121.7668	0.24555	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	121.5255	0.24555	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_005	2	10G	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV (	'FROM->TO'	319	351	114.1516	0.24994	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_005	2	10G	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'	'TO->FROM'	319	351	116.6176	0.21817	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_005	2	10G	'BECKHAM CO 230.00 - STATELINE INTERCHANGE 230KV CKT 1'	'TO->FROM'	319	351	113.835	0.24994	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_005	2	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	150.2741	0.24994	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_005	2	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	142.6959	0.24994	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	109.1333	0.22091	'DWS_FRISCO 3115.00 - SHERMAN COUNTY TAP 115KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	108.8832	0.22091	'DWS_FRISCO 3115.00 - SHERMAN COUNTY TAP 115KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	106.8081	0.22091	'DWS_FRISCO 3115.00 - G07-46T 115.00 115KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	106.5564	0.22091	'DWS_FRISCO 3115.00 - G07-46T 115.00 115KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	109.8632	0.22091	'MOORE COUNTY INTERCHANGE EAST BUS - SHERMAN COUNTY TAP 115KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	109.614	0.22091	'MOORE COUNTY INTERCHANGE EAST BUS - SHERMAN COUNTY TAP 115KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	122.7067	0.3741	'PRINGLE INTERCHANGE 230/115KV TRANSFORMER CKT 1'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	122.537	0.3741	'PRINGLE INTERCHANGE 230/115KV TRANSFORMER CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	106.5865	0.27737	'PRINGLE INTERCHANGE - Q_RYTON_TP 3115.00 115KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	106.331	0.27737	'PRINGLE INTERCHANGE - Q_RYTON_TP 3115.00 115KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	126.7894	0.26209	'Harrington Station East Bus - PRINGLE INTERCHANGE 230KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	126.5885	0.26209	'Harrington Station East Bus - PRINGLE INTERCHANGE 230KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	102.3219	0.21289	'MOORE COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 1'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	102.1186	0.21289	'MOORE COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	104.5646	0.27737	'BLACKHAWK STATION N. - Q_RYTON_TP 3115.00 115KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	104.3076	0.27737	'BLACKHAWK STATION N. - Q_RYTON_TP 3115.00 115KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	122.2932	0.23818	'BLACKHAWK STATION S. - WO_OPERATNG3115.00 115KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	122.0592	0.23818	'BLACKHAWK STATION S. - WO_OPERATNG3115.00 115KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	120.3758	0.23818	'HUTCHINSON COUNTY INTERCHANGE N. - WO_OPERATNG3115.00 115KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	120.1405	0.23818	'HUTCHINSON COUNTY INTERCHANGE N. - WO_OPERATNG3115.00 115KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	101.0681	0.21894	'BLACKHAWK STATION - PHILLIPS NO.1 SUB 69KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	100.8592	0.21894	'BLACKHAWK STATION - PHILLIPS NO.1 SUB 69KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	106.2	0.21797	'MAJESTC_WND3115.00 - MARTÍN 3 115.00 115KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	124.9881	0.21841	'G05-17T 345.00 - POTTER COUNTY INTERCHANGE 345KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	124.7564	0.21841	'G05-17T 345.00 - POTTER COUNTY INTERCHANGE 345KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	107.1853	0.22508	'Harrington Station East Bus - Harrington Station Mid Bus 230KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	106.9582	0.22508	'Harrington Station East Bus - Harrington Station Mid Bus 230KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	101.5311	0.21969	'HOLCOMB - SETAB 345KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	101.2937	0.21969	'HOLCOMB - SETAB 345KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	111.5967	0.22202	'GRAY CO 345.00 - HOLCOMB 345KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	111.353	0.22202	'GRAY CO 345.00 - HOLCOMB 345KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	103.8036	0.22008	'MINGO - SETAB 345KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	103.5675	0.22008	'MINGO - SETAB 345KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	102.7889	0.22016	'MINGO - RED WILLOW 345KV CKT 1'

SOURCE	GROUP DISPATCH SCENARIO	SEASON	ELEMENT	DIRECTION	RATEA	RATEB	TC%LOADING	TDF	CONTNAME
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	102.555	0.22016	'MINGO - RED WILLOW 345KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	111.3358	0.22202	'GRAY CO 345.00 - SPEARVILLE 345KV CKT 1'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	111.0911	0.22202	'GRAY CO 345.00 - SPEARVILLE 345KV CKT 1'
G07_005	2	10G	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT	'TO->FROM'	956	1052	100.4749	0.44416	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	100.8	0.21797	'BLACKHAWK STATION N. 115/13.8KV TRANSFORMER CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	100.8	0.21797	'BLACKHAWK STATION S. 115/13.8KV TRANSFORMER CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	125.2891	0.21841	'POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANS
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	125.054	0.21841	'POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANS
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	107.8	0.21797	'TOLK STATION EAST 230/24.0KV TRANSFORMER CKT 1'
G07_005	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	109.618	0.26423	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G07_005	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	109.9839	0.26423	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G07_005	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	109.618	0.26423	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G07_005	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	109.9839	0.26423	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	101.9	0.21797	'COOPER 345/22.0KV TRANSFORMER CKT 1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	102.63	0.21797	'GEN523461 1-BLACKHAWK GEN #1'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	102.3912	0.21797	'GEN523461 1-BLACKHAWK GEN #1'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	102.6298	0.21797	'GEN523462 1-BLACKHAWK GEN #2'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	102.391	0.21797	'GEN523462 1-BLACKHAWK GEN #2'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	102.8365	0.21797	'GEN523926 1-MAJESTC_WND3115.00'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	102.5915	0.21797	'GEN523926 1-MAJESTC_WND3115.00'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	105.6083	0.21797	'GEN523971 1-HARRINGTON GEN #1 24 KV'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	105.3596	0.21797	'GEN523971 1-HARRINGTON GEN #1 24 KV'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	105.6329	0.21797	'GEN523972 1-HARRINGTON GEN #2 24 KV'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	105.3844	0.21797	'GEN523972 1-HARRINGTON GEN #2 24 KV'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	107.8749	0.21797	'GEN525561 1-TOLK GEN #1 24 KV'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	107.6378	0.21797	'GEN525561 1-TOLK GEN #1 24 KV'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	105.7922	0.21797	'GEN525562 1-TOLK GEN #2 24 KV'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	105.5547	0.21797	'GEN525562 1-TOLK GEN #2 24 KV'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	100.6418	0.21797	'GEN526331 1-JONES GEN #1 22 KV'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	100.4025	0.21797	'GEN526331 1-JONES GEN #1 22 KV'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	100.6449	0.21797	'GEN526332 1-JONES GEN #2 21 KV'
G07_005	2	10G	'G05-02T 115.00 - RIVERVIEW INTERCHANGE 115KV CKT 1'	'FROM->TO'	85	96	100.4056	0.21797	'GEN526332 1-JONES GEN #2 21 KV'
G07_005	2	10G	'G05-02T 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'	'TO->FROM'	85	96	100.1618	0.21797	'GEN527903 1-HOBBS PLANT #3 (ST)'
G07_005	5	10G	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'	'FROM->TO'	319	351	138.0945	0.25025	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_005	5	10G	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV (	'FROM->TO'	319	351	110.8981	0.25025	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_005	5	10G	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'	'TO->FROM'	319	351	104.2135	0.21846	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_005	5	10G	'BECKHAM CO 230.00 - STATELINE INTERCHANGE 230KV CKT 1'	'TO->FROM'	319	351	110.6397	0.25025	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_005	5	10G	'DEAF SMITH COUNTY INTERCHANGE - G06-39T 230.00 230KV	'TO->FROM'	319	351	110.0703	0.20076	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_005	5	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	150.6866	0.25025	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_005	5	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	144.5269	0.25025	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_005	5	10G	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'	'FROM->TO'	319	351	159.1727	0.25025	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_005	5	10G	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV (	'FROM->TO'	319	351	125.3368	0.25025	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_005	5	10G	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'	'TO->FROM'	319	351	116.6034	0.21846	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_005	5	10G	'BECKHAM CO 230.00 - STATELINE INTERCHANGE 230KV CKT 1'	'TO->FROM'	319	351	125.3425	0.25025	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_005	5	10G	'DEAF SMITH COUNTY INTERCHANGE - G06-39T 230.00 230KV	'TO->FROM'	319	351	116.3919	0.20076	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_005	5	10G	'G07-48T 230.00 - SWISHER COUNTY INTERCHANGE 230KV CK	'FROM->TO'	319	351	106.0759	0.21524	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_005	5	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	156.1715	0.25025	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_005	5	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	145.4412	0.25025	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_005	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	111.0008	0.26548	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G07_005	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	111.3537	0.26548	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G07_005	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	111.0008	0.26548	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G07_005	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	111.3537	0.26548	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G07_005	6	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	105.2083	0.25075	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_005	6	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	103.7797	0.25075	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_005	6	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	115.2077	0.25075	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_005	6	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	113.3075	0.25075	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_005	7	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	108.263	0.25105	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_005	7	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	107.1385	0.25105	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_005	7	10G	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'	'FROM->TO'	319	351	101.1908	0.25105	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_005	7	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	119.0774	0.25105	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_005	7	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	117.5893	0.25105	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_021	1	10G	FDNS-Blown up		1195	1195	95.77991	0.63986	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_021	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	111.7957	0.64524	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G07_021	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	104.3526	0.64524	'G05-15T 345.00 - OKLAUNION 345KV CKT 1'
G07_021	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.4806	0.65246	'CLEO CORNER - GLASS MOUNTAIN 138KV CKT 1'
G07_021	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.8107	0.65558	'CLEO CORNER - MEN TAP 138KV CKT 1'
G07_021	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.5966	0.68067	'FPL SWITCH - WOODWARD 138KV CKT 1'
G07_021	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.8435	0.6571	'DEWEY - SOUTHARD 138KV CKT 1'
G07_021	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.5746	0.65246	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'
G07_021	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.6793	0.65558	'IMO TAP - MEN TAP 138KV CKT 1'
G07_021	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	105.2565	0.6571	'EL RENO - ROMAN NOSE 138KV CKT 1'
G07_021	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.265	0.6571	'ROMAN NOSE - SOUTHARD 138KV CKT 1'
G07_021	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	108.4445	0.753	'MIDPT_BUS 7 345.00 - WWRDEHV7 345.00 345KV CKT 1'

SOURCE	GROUP DISPATCH SCENARIO	SEASON	ELEMENT	DIRECTION	RATEA	RATEB	TC%LOADING	TDF	CONTNAME
G07_021	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	103.8674	0.68067	'FPL SWITCH - MOORELAND 138KV CKT 1'
G07_021	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	101.7224	0.64903	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_021	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	108.4089	0.753	'MIDPT_BUS 7 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G07_021	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	102.2142	0.64524	'G05-15T 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G07_021	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	178.7563	0.3572	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_021	2	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	101.8871	0.3572	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_021	3	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	139.3618	0.35763	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_021	4	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	136.1304	0.35779	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_021	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	180.5131	0.35744	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_021	5	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	102.9569	0.35744	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_021	6	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	180.1226	0.35767	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_021	6	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	102.5511	0.35767	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_021	7	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	124.6973	0.35781	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_034	2	10G	FDNS-Blown up		956	1052	93.04478	0.25493	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_034	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	111.7957	0.25204	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G07_034	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	104.3526	0.25204	'G05-15T 345.00 - OKLAUNION 345KV CKT 1'
G07_034	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	101.7224	0.21855	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_034	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	102.2142	0.25204	'G05-15T 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	109.1486	0.2545	'BASE CASE'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.5157	0.2549	'KNOLL345 345.00 345/230KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.6867	0.25693	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.0617	0.25555	'AXTELL - KNOLL345 345.00 345KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2055	0.2555	'CLINTON AIR FORCE BASE TAP - ELK CITY 138KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1661	0.2555	'CLINTON AIR FORCE BASE TAP - HOBART JUNCTION 138KV CKT 1'
G07_034	2	10G	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT	'TO->FROM'	956	1052	109.9486	0.32933	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.2	0.2545	'OKLAUN - OKLAUNION 345KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.5382	0.2562	'CLINTON JUNCTION - ELK CITY 138KV CKT 1'
G07_034	2	10G	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT	'TO->FROM'	956	1052	100.4849	0.28955	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	118.6601	0.26725	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.37	0.25488	'JERICHO - KIRBY SWITCHING STATION 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.3711	0.25488	'CLARENDON - JERICHO 69KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2394	0.25488	'CLARENDON - CLARENDON REC 69KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1163	0.25488	'CLARENDON REC - HEDLEY 69KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9533	0.25673	'CHILDRESS - LAKE PAULINE 138KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.0945	0.2557	'SHAMROCK - WELLINGTON 138KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2813	0.2557	'MCLEAN RURAL SUB - SHAMROCK 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1	0.2545	'G07-62 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4837	0.25522	'CAPROCK REC-NEW SCHWARTZ - CR-1956 4138.00 138KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.8115	0.25522	'CAPROCK REC-MCDONALD - CR-1956 4138.00 138KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.2048	0.26082	'CAPROCK REC-MCDONALD - CAPROCK REC-PHILLIPS 138KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	106.6396	0.26082	'CAPROCK REC-PHILLIPS - CAPROCK REC-TATE 138KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.6039	0.26082	'MIDLAND COUNTY INTERCHANGE 230/138KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.6	0.2545	'G02-06 115.00 - TEXAS COUNTY INTERCHANGE 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.0529	0.25461	'HITCHLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	110.2	0.2545	'Hitchland Interchange 345/115KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	129.475	0.30103	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.8	0.2545	'G07-05 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.7	0.2545	'G07-57 115.00 - MOORE COUNTY INTERCHANGE EAST BUS 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2	0.2545	'HUBER GEN - INDUSTRIAL SUB 69KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2	0.2545	'INDUSTRIAL SUB - SID RICHARDSON (PHILLIPS) GEN 69KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	112.7147	0.26725	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	109.3111	0.26171	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	112.6885	0.26725	'BECKHAM CO 230.00 - STATELINE INTERCHANGE 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4879	0.2557	'MCCLELLAN SUB - MCLEAN RURAL SUB 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.5469	0.2557	'KIRBY SWITCHING STATION - MCCLELLAN SUB 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.5	0.2545	'FINNEY SWITCHING STATION - G08-18 345.00 345KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	106	0.2545	'MAJESTC_WND3115.00 - MARTÍN 3 115.00 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.0553	0.2547	'Harrington Station East Bus - Harrington Station Mid Bus 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2291	0.25532	'NICHOLS STATION - YARNELL SUB 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.2806	0.25156	'AMARILLO SOUTH INTERCHANGE - NICHOLS STATION 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.226	0.25532	'CONWAY SUB - YARNELL SUB 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.6684	0.25532	'CONWAY SUB - KIRBY SWITCHING STATION 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101	0.2545	'CONWAY SUB - G04-03 115.00 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4	0.2545	'G05-21 115.00 - KIRBY SWITCHING STATION 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1964	0.25549	'BUSHLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1845	0.25549	'BUSHLAND INTERCHANGE - COULTER INTERCHANGE 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.3	0.2545	'BUSHLAND INTERCHANGE - WILDORADO WIND GEN 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.0861	0.25295	'PALO DURO SUB - RANDALL COUNTY INTERCHANGE 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	110.7636	0.24572	'AMARILLO SOUTH INTERCHANGE - G07-48T 230.00 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.0276	0.25295	'HAPPY INTERCHANGE - PALO DURO SUB 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4702	0.25123	'CHAVES COUNTY INTERCHANGE - SAN JUAN MESA TAP 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.5416	0.25438	'G05-10T 230.00 - ROOSEVELT COUNTY INTERCHANGE 230KV CKT 2'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.5019	0.25436	'Roosevelt County Interchange SOUTH - TOLK STATION EAST 230KV CKT 1'

SOURCE	GROUP DISPATCH SCENARIO	SEASON	ELEMENT	DIRECTION	RATEA	RATEB	TC%LOADING	TDF	CONTNAME
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	117.7091	0.2545	'PNM BLACKWATER DC TIE - Roosevelt County Interchange SOUTH 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2812	0.25295	'HAPPY INTERCHANGE - TULIA TAP 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1552	0.25295	'KRESS INTERCHANGE - TULIA TAP 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	115.9956	0.24984	'SWISHER COUNTY INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	116.9354	0.24572	'G07-48T 230.00 - SWISHER COUNTY INTERCHANGE 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.7902	0.25532	'COX INTERCHANGE - LIGHTHOUSE REC-COX INTERCHANGE 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.7971	0.25532	'HALE CO INTERCHANGE - LIGHTHOUSE REC-COX INTERCHANGE 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.9	0.26179	'LAMB COUNTY REC-SOUTH OLTON - LAMTON INTERCHANGE 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.4116	0.26179	'HALE CO INTERCHANGE - LAMTON INTERCHANGE 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.3	0.26179	'LAMB COUNTY REC-SOUTH OLTON - PLANT X STATION 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.6013	0.26228	'HALE CO INTERCHANGE - PLANT X STATION 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.3321	0.25907	'HALE CO INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.5406	0.26607	'PLANT X STATION 230/115KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.7854	0.26813	'PLANT X STATION - TOLK STATION EAST 230KV CKT 2'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9078	0.26892	'PLANT X STATION - TOLK STATION WEST 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	110.4041	0.26748	'PLANT X STATION - SUNDOWN INTERCHANGE 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.0931	0.25893	'LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.0315	0.25881	'TOLK STATION WEST - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2042	0.25438	'G05-10T 230.00 - TOLK STATION WEST 230KV CKT 2'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.0885	0.25893	'LAMB COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.2654	0.25606	'HOCKLEY COUNTY INTERCHANGE - LAMB COUNTY INTERCHANGE 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	108.8738	0.27753	'JONES STATION - TUCO INTERCHANGE 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.0556	0.25591	'CARLISLE INTERCHANGE - SOUTH PLAINS REC-ERSKINE 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.4119	0.26516	'CARLISLE INTERCHANGE - DOUD SUB 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.6457	0.26516	'DOUD SUB - YUMA INTERCHANGE 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.7747	0.28822	'LUBBOCK SOUTH INTERCHANGE - WOLFFORTH INTERCHANGE 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.7681	0.25973	'AMOCO SWITCHING STATION - SUNDOWN INTERCHANGE 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	115.5062	0.29739	'SUNDOWN INTERCHANGE - WOLFFORTH INTERCHANGE 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.1713	0.25973	'AMOCO SWITCHING STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.8701	0.26516	'WOLFFORTH INTERCHANGE - YUMA INTERCHANGE 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.2535	0.26586	'TERRY COUNTY INTERCHANGE - WOLFFORTH INTERCHANGE 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4	0.2545	'G08-08 115.00 - GRAHAM INTERCHANGE 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1359	0.25596	'DENVER CITY INTERCHANGE N. - TERRY COUNTY INTERCHANGE 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	114	0.2545	'Golden Spread REC - Mustang Interchange 230 kV Generation Bus - MUSTANG STATION 230K
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.322	0.27985	'EDDY COUNTY INTERCHANGE - G07-34T 345.00 345KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.6058	0.26082	'HOBBS INTERCHANGE - MIDLAND COUNTY INTERCHANGE 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.6462	0.25518	'KNOLL 230 - SMOKYHLLS6 230.00 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.1521	0.25518	'SMOKYHLLS6 230.00 - SUMMIT 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.4497	0.25743	'HOLCOMB - SETAB 345KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	113.0788	0.26112	'GRAY CO 345.00 - HOLCOMB 345KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.7689	0.25811	'MINGO - SETAB 345KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.731	0.25827	'MINGO - RED WILLOW 345KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	113.2871	0.26112	'GRAY CO 345.00 - SPEARVILLE 345KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.4539	0.25539	'CIRCLE - MULLERGREN 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1	0.25476	'GREENSBURG - SUN CITY 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.3	0.25476	'G01-39AT 115.00 - GREENSBURG 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1	0.25476	'MEDICINE LODGE - SUN CITY 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.5776	0.25537	'MULLERGREN - SPEARVILLE 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.6	0.2545	'G07-46 115.00 - G07-46T 115.00 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9	0.2545	'G06-39T 230.00 - G06-45 230.00 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9	0.2545	'G06-39T 230.00 - G06-47 230.00 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	110.1	0.2545	'G03-13 345.00 - STEVENS CO 345.00 345KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	121	0.2545	'G06-49 345.00 - STEVENS CO 345.00 345KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	114.5	0.2545	'G05-17 345.00 - G05-17T 345.00 345KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.7	0.2545	'G05-17 345.00 345/115KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.7	0.2545	'G05-17-2 115.00 - G05-17-2 115.00 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.9	0.2545	'G06-44 115.00 - G06-44-1 115.00 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105	0.2545	'G06-44 115.00 - G06-44-2 115.00 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.5	0.2545	'G06-44 115.00 - G06-44-3 115.00 115KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.7	0.2545	'G05-15 345.00 - G05-15T 345.00 345KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.8	0.2545	'G05-15T 345.00 - G08-14 345.00 345KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4579	0.2549	'AXTELL - PAULINE 345KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.3501	0.25606	'GERALD GENTLEMAN STATION - RED WILLOW 345KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2813	0.25461	'GERALD GENTLEMAN STATION - SWEETWATER 345KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2941	0.25488	'MOORE - PAULINE 345KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.125	0.25489	'GRAND ISLAND - SWEETWATER 345KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.3993	0.25457	'STEGALL - STEGALL TRANSFORMER 230KV CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4026	0.25457	'STEGALL TY 345/230KV TRANSFORMER CKT 1'
G07_034	2	10G	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT	'TO->FROM'	956	1052	100.4749	0.28955	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	118.6448	0.26725	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.3677	0.25488	'JERICHO (JERIC2WT) 115/69/14.4KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.0784	0.2557	'SHAMROCK (SHAMRCK2) 138/69/14.4KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2748	0.2557	'SHAMROCK (SHAMRCK1) 115/69/14.4KV TRANSFORMER CKT 1'

SOURCE	GROUP DISPATCH SCENARIO	SEASON	ELEMENT	DIRECTION	RATEA	RATEB	TC%LOADING	TDF	CONTNAME
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1	0.2545	'ETTER RURAL SUB 115/34.5KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.8	0.2545	'G07-05 115.00 115/34.5KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1	0.2545	'DUMAS SUB 115/34.5KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.7	0.2545	'BLACKHAWK STATION N. 115/13.8KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.7	0.2545	'BLACKHAWK STATION S. 115/13.8KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	117	0.2545	'HARRINGTON STATION 230/24.0KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	117.1	0.2545	'Harrington Station Mid Bus 230/24.0KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.6	0.2545	'WILDORADO WIND GEN 230/34.5KV TRANSFORMER CKT 1'
G07_034	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	109.618	0.4526	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G07_034	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	109.9839	0.4526	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G07_034	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	109.618	0.4526	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G07_034	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	109.9839	0.4526	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	120.7	0.2545	'JONES STATION 230/22.0KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	120.8	0.2545	'Jones Station Bus#2 230/22.0KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.8	0.2545	'GRASSLAND INTERCHANGE 230/34.5KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.1	0.2545	'MUSTANG STATION N. 115/13.8KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.1	0.2545	'MUSTANG STATION S. 115/13.8KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.1	0.2545	'Golden Spread REC - Mustang Interchange 230 kV Generation Bus 230/22.0KV TRANSFORMEF
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.8	0.2545	'Golden Spread REC - Mustang Interchange 230 kV Generation Bus 230/18.0KV TRANSFORMEF
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.8	0.2545	'Golden Spread REC - Mustang Interchange 230 kV Generation Bus 230/18.0KV TRANSFORMEF
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.3195	0.27985	'EDDY COUNTY INTERCHANGE (ABB AEM30711) 345/230/13.2KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.5	0.2545	'CUNNINGHAM STATION 230/20.0KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.3	0.2545	'HOBBS INTERCHANGE 115/18.0KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.3	0.2545	'HOBBS INTERCHANGE 115/18.0KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.9	0.2545	'HOBBS INTERCHANGE 230/18.0KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4	0.2545	'MADDOX STATION 115/13.8KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.6933	0.25541	'SPEARVILLE (SPEARVL) 345/230/13.8KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1	0.2545	'MULLERGREN 115/13.8KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.1	0.2545	'G06-39T 230.00 230/34.5KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101	0.2545	'G04-03 115.00 115/34.5KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.6	0.2545	'G03-13 345.00 345/34.5KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.6	0.2545	'G03-13 345.00 345/34.5KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.6	0.2545	'G02-06 115.00 115/34.5KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.3	0.2545	'G05-21 115.00 115/34.5KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.9	0.2545	'G05-17 345.00 345/34.5KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.9	0.2545	'G05-17 345.00 345/34.5KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.7	0.2545	'G05-17-2 115.00 115/34.5KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.9	0.2545	'G06-44-1 115.00 115/34.5KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105	0.2545	'G06-44-2 115.00 115/34.5KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.5	0.2545	'G06-44-3 115.00 115/34.5KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	106.8	0.2545	'G06-49 345.00 345/34.5KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	106.7	0.2545	'G06-49 345.00 345/34.5KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.7	0.2545	'G06-49 345.00 345/34.5KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.8	0.2545	'G08-14 345.00 345/34.5KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9	0.2545	'G06-45 230.00 230/34.5KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9	0.2545	'G06-47 230.00 230/34.5KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.9	0.2545	'G07-48T 230.00 230/34.5KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.6	0.2545	'G07-46 115.00 115/34.5KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.7	0.2545	'G07-57 115.00 115/34.5KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4	0.2545	'G08-08 115.00 115/34.5KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.5	0.2545	'G08-18 345.00 345/34.5KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.8	0.2545	'COOPER 345/22.0KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4	0.2545	'LOUISA 345/24.0KV TRANSFORMER CKT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	114.1311	0.26765	'SPP-SWPS-03B'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.7637	0.26179	'SPP-SWPS-25'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1314	0.25476	'SPP-MKEC-09B'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4015	0.25457	'NEB01WAPAB3'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.5741	0.2545	'GEN300006 1-NEW MADRID UNIT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.5706	0.2545	'GEN300007 1-NEW MADRID UNIT 2'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1556	0.2545	'GEN334440 1-SABINE UNIT 4'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.3147	0.2545	'GEN335137 2-PPG'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9403	0.2545	'GEN335206 1-NELSON UNIT 6'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.4872	0.2545	'GEN335831 1-RIVERBEND UNIT#1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.9717	0.2545	'GEN336153 1-WATERFORD UNIT#3'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1563	0.2545	'GEN336170 1-GULF OXY U4'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.6778	0.2545	'GEN336801 1-BAXTER WILSON UNIT #1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.2844	0.2545	'GEN336821 1-GRAND GULF UNIT'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.3577	0.2545	'GEN337041 1-GERALD ANDRUS'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.7227	0.2545	'GEN337652 1-WHITE BLUFF UNIT #1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.7264	0.2545	'GEN337653 1-WHITE BLUFF UNIT #2'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.108	0.2545	'GEN337910 1-ARKANSAS NUCLEAR ONE UNIT #1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.6902	0.2545	'GEN337911 1-ARKANSAS NUCLEAR ONE UNIT #2'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.6367	0.2545	'GEN338146 1-INDEPENDENCE UNIT #2'

SOURCE	GROUP DISPATCH SCENARIO	SEASON	ELEMENT	DIRECTION	RATEA	RATEB	TC%LOADING	TDF	CONTNAME
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.6736	0.2545	'GEN501801 1-DOLET HILLS UNIT1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.8902	0.2545	'GEN501812 1-RODEMACHER UNIT 2'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.1788	0.2545	'GEN501813 1-RODEMACHER UNIT 3'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.8462	0.2545	'GEN509394 1-FLINT CREEK'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.4952	0.2545	'GEN509403 1-PIRKEY GENERATION'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.0358	0.2545	'GEN509404 1-WELSH #1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.0358	0.2545	'GEN509405 1-WELSH #2'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.0359	0.2545	'GEN509406 1-WELSH #3'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.6664	0.2545	'GEN511839 1-NORTHEASTERN STATION #2'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.7017	0.2545	'GEN511840 1-NORTHEASTERN STATION #3'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.6852	0.2545	'GEN511841 1-NORTHEASTERN STATION #4'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.7648	0.2545	'GEN511842 1-RIVERSIDE STATION #1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.7941	0.2545	'GEN511843 1-RIVERSIDE STATION #2'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.548	0.2545	'GEN511848 1-SOUTHWESTERN STATION #3'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9038	0.2545	'GEN512688 2-GRDA1 GSU2 22'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.6027	0.2545	'GEN512689 1-GRDA1 GSU1 22'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.2452	0.2545	'GEN514805 1-SOONER UNIT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.2423	0.2545	'GEN514806 1-SOONER UNIT 2'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.0982	0.2545	'GEN515041 1-SEMINOLE 2G'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.1095	0.2545	'GEN515223 1-MUSKOGEE 4G'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.1062	0.2545	'GEN515225 1-MUSKOGEE 5G'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.0981	0.2545	'GEN515226 1-MUSKOGEE 6G'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9415	0.2545	'GEN520947 1-HUGO1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.0869	0.2545	'GEN526331 1-JONES GEN #1 22 KV'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.0865	0.2545	'GEN526332 1-JONES GEN #2 21 KV'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.0629	0.2545	'GEN532652 1-JEFFREY ENERGY CENTER UNIT 2'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.0628	0.2545	'GEN532653 1-JEFFREY ENERGY CENTER UNIT 3'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.9723	0.2545	'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.6163	0.2545	'GEN542955 1-LACYGNE UNIT #1'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.5126	0.2545	'GEN542956 2-LACYGNE UNIT #2'
G07_034	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.4828	0.2545	'GEN599891 1-OKLAUN'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	108.4709	0.25548	'BASE CASE'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.4996	0.25793	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.5	0.25548	'OKLAUN - OKLAUNION 345KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	116.4485	0.26827	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4674	0.25772	'CHILDRESS - LAKE PAULINE 138KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1194	0.2562	'CAPROCK REC-MCDONALD - CR-1956 4138.00 138KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.7113	0.26181	'CAPROCK REC-MCDONALD - CAPROCK REC-PHILLIPS 138KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	106.0974	0.26181	'CAPROCK REC-PHILLIPS - CAPROCK REC-TATE 138KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.0336	0.26181	'MIDLAND COUNTY INTERCHANGE 230/138KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4	0.25548	'G02-06 115.00 - TEXAS COUNTY INTERCHANGE 115KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.6	0.25548	'Hitchland Interchange 345/115KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	126.9253	0.30203	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.3726	0.26185	'G05-17T 345.00 - Hitchland Interchange 345KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9	0.25548	'G07-05 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	110.7542	0.26827	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	106.2166	0.26271	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	110.7226	0.26827	'BECKHAM CO 230.00 - STATELINE INTERCHANGE 230KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100	0.25669	'KIRBY SWITCHING STATION - MCCLELLAN SUB 115KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	145.3343	0.30203	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.1	0.25548	'FINNEY SWITCHING STATION - G08-18 345.00 345KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4	0.25548	'MAJESTC_WND3115.00 - MARTÍN 3 115.00 115KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.9594	0.26306	'BUSHLAND INTERCHANGE - POTTER COUNTY INTERCHANGE 230KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.6472	0.27216	'G06-39T 230.00 - POTTER COUNTY INTERCHANGE 230KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9622	0.26185	'G05-17T 345.00 - POTTER COUNTY INTERCHANGE 345KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.3	0.25548	'CONWAY SUB - G04-03 115.00 115KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.2	0.25548	'G05-21 115.00 - KIRBY SWITCHING STATION 115KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.0663	0.25648	'BUSHLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.4	0.25548	'BUSHLAND INTERCHANGE - WILDORADO WIND GEN 230KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.2668	0.26897	'BUSHLAND INTERCHANGE - G06-39T 230.00 230KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100	0.25392	'PALO DURO SUB - RANDALL COUNTY INTERCHANGE 115KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	117.1846	0.25548	'PNM BLACKWATER DC TIE - Roosevelt County Interchange SOUTH 230KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	114.5574	0.25082	'SWISHER COUNTY INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	115.9159	0.24669	'G07-48T 230.00 - SWISHER COUNTY INTERCHANGE 230KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1728	0.2563	'COX INTERCHANGE - LIGHTHOUSE REC-COX INTERCHANGE 115KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1805	0.2563	'HALE CO INTERCHANGE - LIGHTHOUSE REC-COX INTERCHANGE 115KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.3	0.2628	'LAMB COUNTY REC-SOUTH OLTON - LAMTON INTERCHANGE 115KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9028	0.2628	'HALE CO INTERCHANGE - LAMTON INTERCHANGE 115KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.7	0.2628	'LAMB COUNTY REC-SOUTH OLTON - PLANT X STATION 115KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.0915	0.26328	'HALE CO INTERCHANGE - PLANT X STATION 115KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.539	0.26007	'HALE CO INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	106.9705	0.26709	'PLANT X STATION 230/115KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	109.2169	0.26857	'PLANT X STATION - SUNDOWN INTERCHANGE 230KV CKT 1'

SOURCE	GROUP DISPATCH SCENARIO	SEASON	ELEMENT	DIRECTION	RATEA	RATEB	TC%LOADING	TDF	CONTNAME
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.3919	0.25994	'LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.3937	0.25994	'LAMB COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.5751	0.25705	'HOCKLEY COUNTY INTERCHANGE - LAMB COUNTY INTERCHANGE 115KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	109.16	0.27852	'JONES STATION - TUCO INTERCHANGE 230KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.0028	0.26615	'CARLISLE INTERCHANGE - DOUD SUB 115KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.2373	0.26615	'DOUD SUB - YUMA INTERCHANGE 115KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.138	0.2893	'LUBBOCK SOUTH INTERCHANGE - WOLFFORTH INTERCHANGE 230KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4118	0.2607	'AMOCO SWITCHING STATION - SUNDOWN INTERCHANGE 230KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	115.0013	0.29851	'SUNDOWN INTERCHANGE - WOLFFORTH INTERCHANGE 230KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.7992	0.2607	'AMOCO SWITCHING STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.4219	0.26615	'WOLFFORTH INTERCHANGE - YUMA INTERCHANGE 115KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.8385	0.26685	'TERRY COUNTY INTERCHANGE - WOLFFORTH INTERCHANGE 115KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	113.8	0.25548	'Golden Spread REC - Mustang Interchange 230 kV Generation Bus - MUSTANG STATION 230K
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.3037	0.28087	'EDDY COUNTY INTERCHANGE - G07-34T 345.00 345KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.0351	0.26181	'HOBBS INTERCHANGE - MIDLAND COUNTY INTERCHANGE 230KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.782	0.25841	'HOLCOMB - SETAB 345KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	106.2276	0.26214	'GRAY CO 345.00 - HOLCOMB 345KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.9488	0.2591	'MINGO - SETAB 345KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.1134	0.25926	'MINGO - RED WILLOW 345KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	106.2046	0.26214	'GRAY CO 345.00 - SPEARVILLE 345KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1183	0.25638	'CIRCLE - MULLERGREN 230KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1963	0.25635	'MULLERGREN - SPEARVILLE 230KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101	0.25548	'G07-46 115.00 - G07-46T 115.00 115KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.6	0.25548	'G06-39T 230.00 - G06-45 230.00 230KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.5	0.25548	'G06-39T 230.00 - G06-47 230.00 230KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.6	0.25548	'G03-13 345.00 - STEVENS CO 345.00 345KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.4	0.25548	'G06-49 345.00 - STEVENS CO 345.00 345KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.7	0.25548	'G05-17 345.00 - G05-17T 345.00 345KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.3	0.25548	'G06-44 115.00 - G06-44-2 115.00 115KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9	0.25548	'G06-44 115.00 - G06-44-3 115.00 115KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.1	0.25548	'G05-15 345.00 - G05-15T 345.00 345KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.1	0.25548	'G05-15T 345.00 - G08-14 345.00 345KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1423	0.25587	'GRAND ISLAND - SWEETWATER 345KV CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	116.4354	0.26827	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9	0.25548	'G07-05 115.00 115/34.5KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.5	0.25548	'BLACKHAWK STATION N. 115/13.8KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.5	0.25548	'BLACKHAWK STATION S. 115/13.8KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9045	0.26185	'POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	117.7	0.25548	'HARRINGTON STATION 230/24.0KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	117.7	0.25548	'Harrington Station Mid Bus 230/24.0KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.4	0.25548	'WILDORADO WIND GEN 230/34.5KV TRANSFORMER CKT 1'
G07_034	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	111.0008	0.45385	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G07_034	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	111.3537	0.45385	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G07_034	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	111.0008	0.45385	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G07_034	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	111.3537	0.45385	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	120.8	0.25548	'JONES STATION 230/22.0KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	120.8	0.25548	'Jones Station Bus#2 230/22.0KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.2	0.25548	'GRASSLAND INTERCHANGE 230/34.5KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.7	0.25548	'MUSTANG STATION N. 115/13.8KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.7	0.25548	'MUSTANG STATION S. 115/13.8KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.7	0.25548	'Golden Spread REC - Mustang Interchange 230 kV Generation Bus 230/22.0KV TRANSFORMEF
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.3	0.25548	'Golden Spread REC - Mustang Interchange 230 kV Generation Bus 230/18.0KV TRANSFORMEF
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.3	0.25548	'Golden Spread REC - Mustang Interchange 230 kV Generation Bus 230/18.0KV TRANSFORMEF
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.3867	0.28087	'EDDY COUNTY INTERCHANGE (ABB AEM30711) 345/230/13.2KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.9	0.25548	'CUNNINGHAM STATION 230/20.0KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.8	0.25548	'HOBBS INTERCHANGE 115/18.0KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.8	0.25548	'HOBBS INTERCHANGE 115/18.0KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.5	0.25548	'HOBBS INTERCHANGE 230/18.0KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	110.1	0.25548	'G06-39T 230.00 230/34.5KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.3	0.25548	'G04-03 115.00 115/34.5KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1	0.25548	'G03-13 345.00 345/34.5KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1	0.25548	'G03-13 345.00 345/34.5KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4	0.25548	'G02-06 115.00 115/34.5KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.1	0.25548	'G05-21 115.00 115/34.5KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2	0.25548	'G05-17 345.00 345/34.5KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2	0.25548	'G05-17 345.00 345/34.5KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.3	0.25548	'G06-44-2 115.00 115/34.5KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9	0.25548	'G06-44-3 115.00 115/34.5KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.6	0.25548	'G06-49 345.00 345/34.5KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.6	0.25548	'G06-49 345.00 345/34.5KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.3	0.25548	'G06-49 345.00 345/34.5KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.1	0.25548	'G08-14 345.00 345/34.5KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.6	0.25548	'G06-45 230.00 230/34.5KV TRANSFORMER CKT 1'

SOURCE	GROUP DISPATCH SCENARIO	SEASON	ELEMENT	DIRECTION	RATEA	RATEB	TC%LOADING	TDF	CONTNAME
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.5	0.25548	'G06-47 230.00 230/34.5KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	120.8	0.25548	'G07-48T 230.00 230/34.5KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101	0.25548	'G07-46 115.00 115/34.5KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.1	0.25548	'G08-18 345.00 345/34.5KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.3	0.25548	'COOPER 345/22.0KV TRANSFORMER CKT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	111.6719	0.26867	'SPP-SWPS-03B'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.2805	0.2628	'SPP-SWPS-25'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2692	0.25548	'GEN335206 1-NELSON UNIT 6'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.4891	0.25548	'GEN335831 1-RIVERBEND UNIT#1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.9287	0.25548	'GEN336153 1-WATERFORD UNIT#3'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.2254	0.25548	'GEN336821 1-GRAND GULF UNIT'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.578	0.25548	'GEN337041 1-GERALD ANDRUS'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9285	0.25548	'GEN337652 1-WHITE BLUFF UNIT #1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9287	0.25548	'GEN337653 1-WHITE BLUFF UNIT #2'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.2415	0.25548	'GEN337910 1-ARKANSAS NUCLEAR ONE UNIT #1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.701	0.25548	'GEN337911 1-ARKANSAS NUCLEAR ONE UNIT #2'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.8237	0.25548	'GEN338146 1-INDEPENDENCE UNIT #2'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9737	0.25548	'GEN501801 1-DOLET HILLS UNIT1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2406	0.25548	'GEN501812 1-RODEMACHER UNIT 2'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4762	0.25548	'GEN501813 1-RODEMACHER UNIT 3'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1796	0.25548	'GEN509394 1-FLINT CREEK'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.8434	0.25548	'GEN509403 1-PIRKEY GENERATION'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4137	0.25548	'GEN509404 1-WELSH #1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4137	0.25548	'GEN509405 1-WELSH #2'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4138	0.25548	'GEN509406 1-WELSH #3'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100	0.25548	'GEN511839 1-NORTHEASTERN STATION #2'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.0514	0.25548	'GEN511840 1-NORTHEASTERN STATION #3'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100	0.25548	'GEN511841 1-NORTHEASTERN STATION #4'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1348	0.25548	'GEN511842 1-RIVERSIDE STATION #1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1625	0.25548	'GEN511843 1-RIVERSIDE STATION #2'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2371	0.25548	'GEN512688 2-GRDA1 GSU2 22'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.5593	0.25548	'GEN514805 1-SOONER UNIT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.5572	0.25548	'GEN514806 1-SOONER UNIT 2'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4606	0.25548	'GEN515223 1-MUSKOGEE 4G'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4831	0.25548	'GEN515225 1-MUSKOGEE 5G'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4754	0.25548	'GEN515226 1-MUSKOGEE 6G'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.3428	0.25548	'GEN520947 1-HUGO1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.0023	0.25548	'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1'
G07_034	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.9357	0.25548	'GEN599891 1-OKLAUN'
G07_034	6	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.9582	0.30236	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_034	6	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.0109	0.2557	'PNM BLACKWATER DC TIE - Roosevelt County Interchange SOUTH 230KV CKT 1'
G07_034	6	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.7	0.2557	'Golden Spread REC - Mustang Interchange 230 kV Generation Bus - MUSTANG STATION 230K
G07_034	6	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.9	0.2557	'HARRINGTON STATION 230/24.0KV TRANSFORMER CKT 1'
G07_034	6	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	106	0.2557	'Harrington Station Mid Bus 230/24.0KV TRANSFORMER CKT 1'
G07_034	6	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107	0.2557	'JONES STATION 230/22.0KV TRANSFORMER CKT 1'
G07_034	6	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107	0.2557	'Jones Station Bus#2 230/22.0KV TRANSFORMER CKT 1'
G07_034	6	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.8	0.2557	'GRASSLAND INTERCHANGE 230/34.5KV TRANSFORMER CKT 1'
G07_038	2	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	107.2223	0.23976	'KNOLL345 345.00 345/230KV TRANSFORMER CKT 1'
G07_038	2	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	142.6352	0.33809	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G07_038	2	10G	'SPEARVILLE (SPEARVL) 345/230/13.8KV TRANSFORMER CKT 1'	'FROM->TO'	336	336	137.3015	0.41029	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G07_038	2	10G	'SPEARVILLE (SPEARVL) 345/230/13.8KV TRANSFORMER CKT 1'	'FROM->TO'	336	336	137.1123	0.41029	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G07_038	3	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	119.6482	0.24001	'KNOLL345 345.00 345/230KV TRANSFORMER CKT 1'
G07_038	3	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	161.4924	0.33843	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G07_038	3	10G	'CIRCLE - MULLERGREN 230KV CKT 1'	'TO->FROM'	319	319	104.0513	0.19523	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_038	3	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	108.2685	0.22997	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_038	3	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	100.1691	0.22997	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_038	3	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	101.0257	0.20168	'HOLCOMB - SETAB 345KV CKT 1'
G07_038	3	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	104.8904	0.2034	'MINGO - SETAB 345KV CKT 1'
G07_038	3	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	100.734	0.20003	'MINGO - RED WILLOW 345KV CKT 1'
G07_038	5	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	104.611	0.33863	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G07_043	7	10G	'G07-43T 345.00 345/34.5KV TRANSFORMER CKT 1'	'FROM->TO'	198	330	122.175	1	'BASE CASE'
G07_044	1	10G	FDNS-Blown up		1195	1195	95.77991	0.63986	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_044	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	111.7957	0.64524	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G07_044	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	104.3526	0.64524	'G05-15T 345.00 - OKLAUNION 345KV CKT 1'
G07_044	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.4806	0.65246	'CLEO CORNER - GLASS MOUNTAIN 138KV CKT 1'
G07_044	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.8107	0.65558	'CLEO CORNER - MEN TAP 138KV CKT 1'
G07_044	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.5966	0.68067	'FPL SWITCH - WOODWARD 138KV CKT 1'
G07_044	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.8435	0.6571	'DEWEY - SOUTHARD 138KV CKT 1'
G07_044	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.5746	0.65246	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'
G07_044	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.6793	0.65558	'IMO TAP - MEN TAP 138KV CKT 1'
G07_044	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	105.2565	0.6571	'EL RENO - ROMAN NOSE 138KV CKT 1'
G07_044	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.265	0.6571	'ROMAN NOSE - SOUTHARD 138KV CKT 1'
G07_044	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	108.4445	0.753	'MIDPT_BUS 7 345.00 - WWRDEHV7 345.00 345KV CKT 1'

SOURCE	GROUP DISPATCH SCENARIO	SEASON	ELEMENT	DIRECTION	RATEA	RATEB	TC%LOADING	TDF	CONTNAME
G07_044	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	103.8674	0.68067	'FPL SWITCH - MOORELAND 138KV CKT 1'
G07_044	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	101.7224	0.64903	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_044	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	108.4089	0.753	'MIDPT_BUS 7 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G07_044	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	102.2142	0.64524	'G05-15T 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G07_044	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	178.7563	0.3572	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_044	2	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	101.8871	0.3572	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_044	3	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	139.3618	0.35763	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_044	4	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	136.1304	0.35779	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_044	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	180.5131	0.35744	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_044	5	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	102.9569	0.35744	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_044	6	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	180.1226	0.35767	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_044	6	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	102.5511	0.35767	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_044	7	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	124.6973	0.35781	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_046	2	10G	FDNS-Blown up		956	1052	93.04478	0.42257	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_046	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	101.7224	0.19983	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_046	2	10G	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT	'TO->FROM'	956	1052	109.9486	0.46375	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G07_046	2	10G	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT	'TO->FROM'	956	1052	100.4849	0.46981	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'
G07_046	2	10G	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'	'FROM->TO'	319	351	140.9644	0.24803	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_046	2	10G	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV	'FROM->TO'	319	351	114.1516	0.24803	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_046	2	10G	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'	'TO->FROM'	319	351	116.6176	0.22028	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_046	2	10G	'BECKHAM CO 230.00 - STATELINE INTERCHANGE 230KV CKT 1'	'TO->FROM'	319	351	113.835	0.24803	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_046	2	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	150.2741	0.24803	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_046	2	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	142.6959	0.24803	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_046	2	10G	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT	'TO->FROM'	956	1052	100.4749	0.46981	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
G07_046	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	109.618	0.24841	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G07_046	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	109.9839	0.24841	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G07_046	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	109.618	0.24841	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G07_046	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	109.9839	0.24841	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G07_046	5	10G	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'	'FROM->TO'	319	351	138.0945	0.24835	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_046	5	10G	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV	'FROM->TO'	319	351	110.8981	0.24835	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_046	5	10G	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'	'TO->FROM'	319	351	104.2135	0.22058	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_046	5	10G	'BECKHAM CO 230.00 - STATELINE INTERCHANGE 230KV CKT 1'	'TO->FROM'	319	351	110.6397	0.24835	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_046	5	10G	'DEAF SMITH COUNTY INTERCHANGE - G06-39T 230.00 230KV	'TO->FROM'	319	351	110.0703	0.20717	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_046	5	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	150.6866	0.24835	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_046	5	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	144.5269	0.24835	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_046	5	10G	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'	'FROM->TO'	319	351	159.1727	0.24835	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_046	5	10G	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV	'FROM->TO'	319	351	125.3368	0.24835	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_046	5	10G	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'	'TO->FROM'	319	351	116.6034	0.22058	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_046	5	10G	'BECKHAM CO 230.00 - STATELINE INTERCHANGE 230KV CKT 1'	'TO->FROM'	319	351	125.3425	0.24835	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_046	5	10G	'DEAF SMITH COUNTY INTERCHANGE - G06-39T 230.00 230KV	'TO->FROM'	319	351	116.3919	0.20717	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_046	5	10G	'G07-48T 230.00 - SWISHER COUNTY INTERCHANGE 230KV CK	'FROM->TO'	319	351	106.0759	0.21218	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_046	5	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	156.1715	0.24835	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_046	5	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	145.4412	0.24835	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_046	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	111.0008	0.24966	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G07_046	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	111.3537	0.24966	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G07_046	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	111.0008	0.24966	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G07_046	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	111.3537	0.24966	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G07_046	6	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	105.2083	0.24884	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_046	6	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	103.7797	0.24884	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_046	6	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	115.2077	0.24884	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_046	6	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	113.3075	0.24884	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_046	7	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	108.263	0.24914	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_046	7	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	107.1385	0.24914	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_046	7	10G	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'	'FROM->TO'	319	351	101.1908	0.24914	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_046	7	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	119.0774	0.24914	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_046	7	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	117.5893	0.24914	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_048	2	10G	FDNS-Blown up		956	1052	93.04478	0.30811	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_048	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	111.7957	0.20649	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G07_048	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	104.3526	0.20649	'G05-15T 345.00 - OKLAUNION 345KV CKT 1'
G07_048	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	101.7224	0.20615	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_048	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	102.2142	0.20649	'G05-15T 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G07_048	2	10G	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT	'TO->FROM'	956	1052	109.9486	0.36641	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G07_048	2	10G	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT	'TO->FROM'	956	1052	100.4849	0.35718	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'
G07_048	2	10G	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'	'FROM->TO'	319	351	140.9644	0.22092	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_048	2	10G	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV	'FROM->TO'	319	351	114.1516	0.22092	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_048	2	10G	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'	'TO->FROM'	319	351	116.6176	0.20168	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_048	2	10G	'BECKHAM CO 230.00 - STATELINE INTERCHANGE 230KV CKT 1'	'TO->FROM'	319	351	113.835	0.22092	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_048	2	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	150.2741	0.22092	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_048	2	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	142.6959	0.22092	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_048	2	10G	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT	'TO->FROM'	956	1052	100.4749	0.35718	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
G07_048	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	109.618	0.35367	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G07_048	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	109.9839	0.35367	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G07_048	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	109.618	0.35367	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'

SOURCE	GROUP DISPATCH SCENARIO	SEASON	ELEMENT	DIRECTION	RATEA	RATEB	TC%LOADING	TDF	CONTNAME
G07_048	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	109.9839	0.35367	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G07_048	5	10G	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'	'FROM->TO'	319	351	138.0945	0.22123	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_048	5	10G	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV (	'FROM->TO'	319	351	110.8981	0.22123	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_048	5	10G	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'	'TO->FROM'	319	351	104.2135	0.20197	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_048	5	10G	'BECKHAM CO 230.00 - STATELINE INTERCHANGE 230KV CKT 1'	'TO->FROM'	319	351	110.6397	0.22123	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_048	5	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	150.6866	0.22123	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_048	5	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	144.5269	0.22123	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_048	5	10G	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'	'FROM->TO'	319	351	159.1727	0.22123	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_048	5	10G	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV (	'FROM->TO'	319	351	125.3368	0.22123	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_048	5	10G	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'	'TO->FROM'	319	351	116.6034	0.20197	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_048	5	10G	'BECKHAM CO 230.00 - STATELINE INTERCHANGE 230KV CKT 1'	'TO->FROM'	319	351	125.3425	0.22123	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_048	5	10G	'G07-48T 230.00 - SWISHER COUNTY INTERCHANGE 230KV CK	'FROM->TO'	319	351	106.0759	0.40232	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_048	5	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	156.1715	0.22123	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_048	5	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	145.4412	0.22123	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_048	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	111.0008	0.35492	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G07_048	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	111.3537	0.35492	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G07_048	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	111.0008	0.35492	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G07_048	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	111.3537	0.35492	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G07_048	6	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	105.2083	0.22173	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_048	6	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	103.7797	0.22173	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_048	6	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	115.2077	0.22173	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_048	6	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	113.3075	0.22173	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_048	7	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	108.263	0.22203	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_048	7	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	107.1385	0.22203	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_048	7	10G	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'	'FROM->TO'	319	351	101.1908	0.22203	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_048	7	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	119.0774	0.22203	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_048	7	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	117.5893	0.22203	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_050	1	10G	FDNS-Blown up		1195	1195	95.77991	0.46823	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	117.8215	0.20709	'BASE CASE'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	131.4014	0.20993	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G07_050	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	111.7957	0.48034	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G07_050	1	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	101.7622	0.20993	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	117.1428	0.20993	'G05-15T 345.00 - OKLAUNION 345KV CKT 1'
G07_050	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	104.3526	0.48034	'G05-15T 345.00 - OKLAUNION 345KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	100.3263	0.2068	'WEATHERFORD JCT. - WEATHERFORD SOUTHEAST 138KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	112.2433	0.2017	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	100.1104	0.20336	'WAUKOMIS TAP - WOODRING 138KV CKT 1'
G07_050	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.4806	0.49046	'CLEO CORNER - GLASS MOUNTAIN 138KV CKT 1'
G07_050	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.8107	0.49595	'CLEO CORNER - MEN TAP 138KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	115.9678	0.23507	'WOODWARD - WOODWARD 69KV CKT 1'
G07_050	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.5966	0.54064	'FPL SWITCH - WOODWARD 138KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	122.4756	0.24662	'DEWEY - IODINE 138KV CKT 1'
G07_050	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.8435	0.50105	'DEWEY - SOUTHARD 138KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	116.9445	0.21056	'DEWEY - TALOGA 138KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	107.8	0.20709	'DEWEY - G06-46 138.00 138KV CKT 1'
G07_050	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.5746	0.49046	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'
G07_050	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.6793	0.49595	'IMO TAP - MEN TAP 138KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	123.7591	0.24662	'IODINE - WWRDEHV4 138.00 138KV CKT 1'
G07_050	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	105.2565	0.50105	'EL RENO - ROMAN NOSE 138KV CKT 1'
G07_050	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.265	0.50105	'ROMAN NOSE - SOUTHARD 138KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	105.3	0.20709	'G07-06 138.00 - ROMAN NOSE 138KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	108.9858	0.2114	'CIMARRON - NORTHWEST 345KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	206.6474	0.38344	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_050	1	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	143.8621	0.38344	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	134.2746	0.25152	'MIDPT_BUS 7 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_050	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	108.4445	0.59782	'MIDPT_BUS 7 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_050	1	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	103.1159	0.25152	'MIDPT_BUS 7 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	125.9	0.20709	'FPL SWITCH - OKLA WIND ENERGY CENTER 138KV CKT 1'
G07_050	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	103.8674	0.54064	'FPL SWITCH - MOORELAND 138KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	100.2197	0.20561	'BRANTLEY - DURHAM 138KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	100.1356	0.20561	'BRANTLEY - MORWOOD 138KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	100.4104	0.20505	'CALUMET - WATONGA SW 69KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	104.572	0.2086	'CANTON - TALOGA 69KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	100.3792	0.20561	'DURHAM - SWEETWATER 138KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	118.8	0.20709	'FT SUPPLY - SLEEPING 138.00 138KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	113.5673	0.20955	'FT SUPPLY - IODINE 138KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	112.0456	0.20955	'IODINE - MOORELAND 138KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	100.1376	0.20561	'MOREWOOD SW - MORWOOD 138KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	104.6517	0.20839	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	105.097	0.2017	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	106.6425	0.2046	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	105.0803	0.2017	'BECKHAM CO 230.00 - STATELINE INTERCHANGE 230KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	107.4276	0.20839	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'

SOURCE	GROUP DISPATCH SCENARIO	SEASON	ELEMENT	DIRECTION	RATEA	RATEB	TC%LOADING	TDF	CONTNAME
G07_050	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	101.7224	0.48028	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	106.8644	0.20709	'PNM BLACKWATER DC TIE - Roosevelt County Interchange SOUTH 230KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	134.1831	0.25152	'MIDPT_BUS 7 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G07_050	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	108.4089	0.59782	'MIDPT_BUS 7 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G07_050	1	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	103.0674	0.25152	'MIDPT_BUS 7 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	112.9687	0.20993	'G05-15T 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G07_050	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	102.2142	0.48034	'G05-15T 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	112.2529	0.2017	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	131.7834	0.23507	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
G07_050	1	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	100.7094	0.23507	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	105.9	0.20709	'SOONER 138/22.0KV TRANSFORMER CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	126.1	0.20709	'OKLA WIND ENERGY CENTER 138/34.5KV TRANSFORMER CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	143.5	0.20709	'MOORELAND 138/34.5KV TRANSFORMER CKT 1'
G07_050	1	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	106.7	0.20709	'MOORELAND 138/34.5KV TRANSFORMER CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	106.6	0.20709	'HARRINGTON STATION 230/24.0KV TRANSFORMER CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	106.6	0.20709	'Harrington Station Mid Bus 230/24.0KV TRANSFORMER CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	105.3	0.20709	'G07-06 138.00 138/34.5KV TRANSFORMER CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	107.8	0.20709	'G06-46 138.00 138/34.5KV TRANSFORMER CKT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	105.6335	0.20166	'SPP-SWPS-03B'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	105.9419	0.20709	'GEN514805 1-SOONER UNIT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	123.0913	0.20709	'GEN515790 1-FPLWND2'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	119.1451	0.20709	'GEN520922 1-SLEEPING 138.00'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	108.046	0.20709	'GEN521116 1-RHWIND4 138.00'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	104.808	0.20709	'GEN521120 1-BUFBEAR2 69.000'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	106.0602	0.20709	'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	105.3174	0.20709	'GEN560117 1-G07-06 0.6000'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	107.8574	0.20709	'GEN560152 1-G06-46 0.6000'
G07_050	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	144.1841	0.20709	'GEN560183 1-G07-51 0.6000'
G07_050	1	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	107.0314	0.20709	'GEN560183 1-G07-51 0.6000'
G07_050	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	102.3073	0.20964	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G07_050	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	102.0239	0.20143	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'
G07_050	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	178.7563	0.38293	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_050	2	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	101.8871	0.38293	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_050	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	140.658	0.38293	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_050	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	102.0142	0.20143	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
G07_050	3	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	139.3618	0.38337	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_050	3	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	102.0499	0.38337	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_050	4	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	136.1304	0.38352	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_050	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	102.6783	0.20978	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G07_050	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	101.0174	0.20155	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'
G07_050	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	180.5131	0.38317	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_050	5	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	102.9569	0.38317	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_050	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	142.3794	0.38317	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_050	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	101.0085	0.20155	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
G07_050	6	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	104.7083	0.2099	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G07_050	6	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	180.1226	0.3834	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_050	6	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	102.5511	0.3834	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_050	6	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	141.2648	0.3834	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_050	7	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	124.6973	0.38354	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_051	1	10G	FDNS-Blown up		1195	1195	95.77991	0.32966	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_051	1	10G	'MOORELAND 138/34.5KV TRANSFORMER CKT 1'	'FROM->TO'	110	110	145.0483	1	'BASE CASE'
G07_051	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	111.7957	0.33439	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G07_051	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	104.3526	0.33439	'G05-15T 345.00 - OKLAUNION 345KV CKT 1'
G07_051	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.4806	0.36857	'CLEO CORNER - GLASS MOUNTAIN 138KV CKT 1'
G07_051	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.8107	0.37743	'CLEO CORNER - MEN TAP 138KV CKT 1'
G07_051	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.5966	0.19007	'FPL SWITCH - WOODWARD 138KV CKT 1'
G07_051	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.8435	0.3677	'DEWEY - SOUTHARD 138KV CKT 1'
G07_051	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.5746	0.36857	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'
G07_051	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.6793	0.37743	'IMO TAP - MEN TAP 138KV CKT 1'
G07_051	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	105.2565	0.3677	'EL RENO - ROMAN NOSE 138KV CKT 1'
G07_051	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.265	0.3677	'ROMAN NOSE - SOUTHARD 138KV CKT 1'
G07_051	1	10G	'MOORELAND 138/34.5KV TRANSFORMER CKT 1'	'FROM->TO'	110	110	150.6955	1	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_051	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	108.4445	0.4275	'MIDPT_BUS 7 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_051	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	103.8674	0.19007	'FPL SWITCH - MOORELAND 138KV CKT 1'
G07_051	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	101.7224	0.34053	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_051	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	108.4089	0.4275	'MIDPT_BUS 7 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G07_051	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	102.2142	0.33439	'G05-15T 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G07_057	2	10G	FDNS-Blown up		956	1052	93.04478	0.38542	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_057	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	101.7224	0.1997	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_057	2	10G	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT	'TO->FROM'	956	1052	109.9486	0.43031	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G07_057	2	10G	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT	'TO->FROM'	956	1052	100.4849	0.43648	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'
G07_057	2	10G	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'	'FROM->TO'	319	351	140.9644	0.24806	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_057	2	10G	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV '	'FROM->TO'	319	351	114.1516	0.24806	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'

SOURCE	GROUP DISPATCH SCENARIO	SEASON	ELEMENT	DIRECTION	RATEA	RATEB	TC%LOADING	TDF	CONTNAME
G07_057	2	10G	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'	'TO->FROM'	319	351	116.6176	0.21726	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_057	2	10G	'BECKHAM CO 230.00 - STATELINE INTERCHANGE 230KV CKT 1'	'TO->FROM'	319	351	113.835	0.24806	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_057	2	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	150.2741	0.24806	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_057	2	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	142.6959	0.24806	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_057	2	10G	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT	'TO->FROM'	956	1052	100.4749	0.43648	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
G07_057	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	109.618	0.27123	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G07_057	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	109.9839	0.27123	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G07_057	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	109.618	0.27123	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G07_057	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	109.9839	0.27123	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G07_057	5	10G	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'	'FROM->TO'	319	351	138.0945	0.24838	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_057	5	10G	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV (	'FROM->TO'	319	351	110.8981	0.24838	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_057	5	10G	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'	'TO->FROM'	319	351	104.2135	0.21755	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_057	5	10G	'BECKHAM CO 230.00 - STATELINE INTERCHANGE 230KV CKT 1'	'TO->FROM'	319	351	110.6397	0.24838	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_057	5	10G	'DEAF SMITH COUNTY INTERCHANGE - G06-39T 230.00 230KV	'TO->FROM'	319	351	110.0703	0.20539	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_057	5	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	150.6866	0.24838	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_057	5	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	144.5269	0.24838	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_057	5	10G	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'	'FROM->TO'	319	351	159.1727	0.24838	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_057	5	10G	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV (	'FROM->TO'	319	351	125.3368	0.24838	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_057	5	10G	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'	'TO->FROM'	319	351	116.6034	0.21755	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_057	5	10G	'BECKHAM CO 230.00 - STATELINE INTERCHANGE 230KV CKT 1'	'TO->FROM'	319	351	125.3425	0.24838	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_057	5	10G	'DEAF SMITH COUNTY INTERCHANGE - G06-39T 230.00 230KV	'TO->FROM'	319	351	116.3919	0.20539	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_057	5	10G	'G07-48T 230.00 - SWISHER COUNTY INTERCHANGE 230KV CK	'FROM->TO'	319	351	106.0759	0.21198	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_057	5	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	156.1715	0.24838	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_057	5	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	145.4412	0.24838	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_057	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	111.0008	0.27249	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G07_057	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	111.3537	0.27249	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G07_057	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	111.0008	0.27249	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G07_057	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	111.3537	0.27249	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G07_057	6	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	105.2083	0.24887	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_057	6	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	103.7797	0.24887	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_057	6	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	115.2077	0.24887	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_057	6	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	113.3075	0.24887	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_057	7	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	108.263	0.24917	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_057	7	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	107.1385	0.24917	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G07_057	7	10G	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'	'FROM->TO'	319	351	101.1908	0.24917	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_057	7	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	119.0774	0.24917	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_057	7	10G	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CK1	'FROM->TO'	287	287	117.5893	0.24917	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_062	1	10G	FDNS-Blown up		1195	1195	95.77991	0.52458	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_062	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	111.7957	0.53984	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G07_062	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	104.3526	0.53984	'G05-15T 345.00 - OKLAUNION 345KV CKT 1'
G07_062	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.4806	0.54196	'CLEO CORNER - GLASS MOUNTAIN 138KV CKT 1'
G07_062	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.8107	0.54626	'CLEO CORNER - MEN TAP 138KV CKT 1'
G07_062	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.5966	0.58058	'FPL SWITCH - WOODWARD 138KV CKT 1'
G07_062	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	122.4756	0.19047	'DEWEY - IODINE 138KV CKT 1'
G07_062	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.8435	0.54953	'DEWEY - SOUTHARD 138KV CKT 1'
G07_062	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.5746	0.54196	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'
G07_062	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.6793	0.54626	'IMO TAP - MEN TAP 138KV CKT 1'
G07_062	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	123.7591	0.19047	'IODINE - WWRDEHV4 138.00 138KV CKT 1'
G07_062	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	105.2565	0.54953	'EL RENO - ROMAN NOSE 138KV CKT 1'
G07_062	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.265	0.54953	'ROMAN NOSE - SOUTHARD 138KV CKT 1'
G07_062	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	206.6474	0.35771	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_062	1	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	143.8621	0.35771	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_062	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	134.2746	0.20888	'MIDPT_BUS 7 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_062	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	108.4445	0.66675	'MIDPT_BUS 7 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_062	1	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	103.1159	0.20888	'MIDPT_BUS 7 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_062	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	103.8674	0.58058	'FPL SWITCH - MOORELAND 138KV CKT 1'
G07_062	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	101.7224	0.53723	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G07_062	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	134.1831	0.20888	'MIDPT_BUS 7 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G07_062	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	108.4089	0.66675	'MIDPT_BUS 7 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G07_062	1	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	103.0674	0.20888	'MIDPT_BUS 7 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G07_062	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	102.2142	0.53984	'G05-15T 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G07_062	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	178.7563	0.3572	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_062	2	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	101.8871	0.3572	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_062	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	140.658	0.3572	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_062	3	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	139.3618	0.35763	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_062	3	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	102.0499	0.35763	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_062	4	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	136.1304	0.35779	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_062	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	180.5131	0.35744	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_062	5	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	102.9569	0.35744	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_062	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	142.3794	0.35744	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G07_062	6	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	180.1226	0.35767	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_062	6	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	102.5511	0.35767	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G07_062	6	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	141.2648	0.35767	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'

SOURCE	GROUP DISPATCH SCENARIO	SEASON	ELEMENT	DIRECTION	RATEA	RATEB	TC%LOADING	TDF	CONTNAME
G07_062	7	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	124.6973	0.35781	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_003	1	10G	FDNS-Blown up		1195	1195	95.77991	0.46823	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	117.8215	0.20709	'BASE CASE'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	131.4014	0.20993	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G08_003	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	111.7957	0.48034	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G08_003	1	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	101.7622	0.20993	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	117.1428	0.20993	'G05-15T 345.00 - OKLAUNION 345KV CKT 1'
G08_003	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	104.3526	0.48034	'G05-15T 345.00 - OKLAUNION 345KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	100.3263	0.2068	'WEATHERFORD JCT. - WEATHERFORD SOUTHEAST 138KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	112.2433	0.2017	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	100.1104	0.20336	'WAUKOMIS TAP - WOODRING 138KV CKT 1'
G08_003	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.4806	0.49046	'CLEO CORNER - GLASS MOUNTAIN 138KV CKT 1'
G08_003	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.8107	0.49595	'CLEO CORNER - MEN TAP 138KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	115.9678	0.23507	'WOODWARD - WOODWARD 69KV CKT 1'
G08_003	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.5966	0.54064	'FPL SWITCH - WOODWARD 138KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	122.4756	0.24662	'DEWEY - IODINE 138KV CKT 1'
G08_003	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.8435	0.50105	'DEWEY - SOUTHARD 138KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	116.9445	0.21056	'DEWEY - TALOGA 138KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	107.8	0.20709	'DEWEY - G06-46 138.00 138KV CKT 1'
G08_003	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.5746	0.49046	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'
G08_003	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.6793	0.49595	'IMO TAP - MEN TAP 138KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	123.7591	0.24662	'IODINE - WWRDEHV4 138.00 138KV CKT 1'
G08_003	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	105.2565	0.50105	'EL RENO - ROMAN NOSE 138KV CKT 1'
G08_003	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.265	0.50105	'ROMAN NOSE - SOUTHARD 138KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	105.3	0.20709	'G07-06 138.00 - ROMAN NOSE 138KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	108.9858	0.2114	'CIMARRON - NORTHWEST 345KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	206.6474	0.38344	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G08_003	1	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	143.8621	0.38344	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	134.2746	0.25152	'MIDPT_BUS 7 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G08_003	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	108.4445	0.59782	'MIDPT_BUS 7 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G08_003	1	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	103.1159	0.25152	'MIDPT_BUS 7 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	125.9	0.20709	'FPL SWITCH - OKLA WIND ENERGY CENTER 138KV CKT 1'
G08_003	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	103.8674	0.54064	'FPL SWITCH - MOORELAND 138KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	100.2197	0.20561	'BRANTLEY - DURHAM 138KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	100.1356	0.20561	'BRANTLEY - MORWOOD 138KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	100.4104	0.20505	'CALUMET - WATONGA SW 69KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	104.572	0.2086	'CANTON - TALOGA 69KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	100.3792	0.20561	'DURHAM - SWEETWATER 138KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	118.8	0.20709	'FT SUPPLY - SLEEPING 138.00 138KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	113.5673	0.20955	'FT SUPPLY - IODINE 138KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	112.0456	0.20955	'IODINE - MOORELAND 138KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	100.1376	0.20561	'MOREWOOD SW - MORWOOD 138KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	104.6517	0.20839	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	105.097	0.2017	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	106.6425	0.2046	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	105.0803	0.2017	'BECKHAM CO 230.00 - STATELINE INTERCHANGE 230KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	107.4276	0.20839	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G08_003	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	101.7224	0.48028	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	106.8644	0.20709	'PNM BLACKWATER DC TIE - Roosevelt County Interchange SOUTH 230KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	134.1831	0.25152	'MIDPT_BUS 7 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G08_003	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	108.4089	0.59782	'MIDPT_BUS 7 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G08_003	1	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	103.0674	0.25152	'MIDPT_BUS 7 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	112.9687	0.20993	'G05-15T 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G08_003	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	102.2142	0.48034	'G05-15T 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	112.2529	0.2017	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	131.7834	0.23507	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
G08_003	1	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	100.7094	0.23507	'WOODWARD (WOODWRD2) 138/69/13.2KV TRANSFORMER CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	105.9	0.20709	'SOONER 138/22.0KV TRANSFORMER CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	126.1	0.20709	'OKLA WIND ENERGY CENTER 138/34.5KV TRANSFORMER CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	143.5	0.20709	'MOORELAND 138/34.5KV TRANSFORMER CKT 1'
G08_003	1	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	106.7	0.20709	'MOORELAND 138/34.5KV TRANSFORMER CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	106.6	0.20709	'HARRINGTON STATION 230/24.0KV TRANSFORMER CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	106.6	0.20709	'Harrington Station Mid Bus 230/24.0KV TRANSFORMER CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	105.3	0.20709	'G07-06 138.00 138/34.5KV TRANSFORMER CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	107.8	0.20709	'G06-46 138.00 138/34.5KV TRANSFORMER CKT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	105.6335	0.20166	'SPP-SWPS-03B'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	105.9419	0.20709	'GEN514805 1-SOONER UNIT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	123.0913	0.20709	'GEN515790 1-FPLWND2'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	119.1451	0.20709	'GEN520922 1-SLEEPING 138.00'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	108.046	0.20709	'GEN521116 1-RHWIND4 138.00'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	104.808	0.20709	'GEN521120 1-BUFBEAR2 69.000'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	106.0602	0.20709	'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	105.3174	0.20709	'GEN560117 1-G07-06 0.6000'

SOURCE	GROUP DISPATCH SCENARIO	SEASON	ELEMENT	DIRECTION	RATEA	RATEB	TC%LOADING	TDF	CONTNAME
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	107.8574	0.20709	'GEN560152 1-G06-46 0.6000'
G08_003	1	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	144.1841	0.20709	'GEN560183 1-G07-51 0.6000'
G08_003	1	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	107.0314	0.20709	'GEN560183 1-G07-51 0.6000'
G08_003	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	102.3073	0.20964	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G08_003	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	102.0239	0.20143	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'
G08_003	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	178.7563	0.38293	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_003	2	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	101.8871	0.38293	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_003	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	140.658	0.38293	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G08_003	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	102.0142	0.20143	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
G08_003	3	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	139.3618	0.38337	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_003	3	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	102.0499	0.38337	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G08_003	4	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	136.1304	0.38352	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_003	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	102.6783	0.20978	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G08_003	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	101.0174	0.20155	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'
G08_003	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	180.5131	0.38317	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_003	5	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	102.9569	0.38317	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_003	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	142.3794	0.38317	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G08_003	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	101.0085	0.20155	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
G08_003	6	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	104.7083	0.2099	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G08_003	6	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	180.1226	0.3834	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_003	6	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	102.5511	0.3834	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_003	6	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	141.2648	0.3834	'TATONGA EHV 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G08_003	7	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	124.6973	0.38354	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_008	2	10G	FDNS-Blown up		956	1052	93.04478	0.21966	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G08_008	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	111.7957	0.27923	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G08_008	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	104.3526	0.27923	'G05-15T 345.00 - OKLAUNION 345KV CKT 1'
G08_008	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	101.7224	0.22533	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G08_008	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	102.2142	0.27923	'G05-15T 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G08_008	2	10G	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT	'TO->FROM'	956	1052	109.9486	0.30349	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G08_008	2	10G	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT	'TO->FROM'	956	1052	100.4849	0.24703	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'
G08_008	2	10G	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT	'TO->FROM'	956	1052	100.4749	0.24703	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
G08_008	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	109.618	0.51057	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G08_008	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	109.9839	0.51057	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G08_008	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	109.618	0.51057	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G08_008	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	109.9839	0.51057	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G08_008	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	111.0008	0.51183	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G08_008	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	111.3537	0.51183	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G08_008	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	111.0008	0.51183	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G08_008	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	111.3537	0.51183	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G08_009	2	10G	FDNS-Blown up		956	1052	93.04478	0.25602	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G08_009	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	111.7957	0.25117	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G08_009	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	104.3526	0.25117	'G05-15T 345.00 - OKLAUNION 345KV CKT 1'
G08_009	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	101.7224	0.21833	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G08_009	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	102.2142	0.25117	'G05-15T 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	109.1486	0.24037	'BASE CASE'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.5157	0.24076	'KNOLL345 345.00 345/230KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.6867	0.2428	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.0617	0.24141	'AXTELL - KNOLL345 345.00 345KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2055	0.24137	'CLINTON AIR FORCE BASE TAP - ELK CITY 138KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1661	0.24137	'CLINTON AIR FORCE BASE TAP - HOBART JUNCTION 138KV CKT 1'
G08_009	2	10G	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT	'TO->FROM'	956	1052	109.9486	0.33011	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.2	0.24037	'OKLAUN - OKLAUNION 345KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.5382	0.24207	'CLINTON JUNCTION - ELK CITY 138KV CKT 1'
G08_009	2	10G	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT	'TO->FROM'	956	1052	100.4849	0.29088	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	118.6601	0.2532	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.37	0.24074	'JERICHO - KIRBY SWITCHING STATION 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.3711	0.24074	'CLARENDON - JERICHO 69KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2394	0.24074	'CLARENDON - CLARENDON REC 69KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1163	0.24074	'CLARENDON REC - HEDLEY 69KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9533	0.24261	'CHILDRESS - LAKE PAULINE 138KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.0945	0.24158	'SHAMROCK - WELLINGTON 138KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2813	0.24158	'MCLEAN RURAL SUB - SHAMROCK 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1	0.24037	'G07-62 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4837	0.2412	'CAPROCK REC-NEW SCHWARTZ - CR-1956 4138.00 138KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.8115	0.2412	'CAPROCK REC-MCDONALD - CR-1956 4138.00 138KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.2048	0.24779	'CAPROCK REC-MCDONALD - CAPROCK REC-PHILLIPS 138KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	106.6396	0.24779	'CAPROCK REC-PHILLIPS - CAPROCK REC-TATE 138KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.6039	0.24779	'MIDLAND COUNTY INTERCHANGE 230/138KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.6	0.24037	'G02-06 115.00 - TEXAS COUNTY INTERCHANGE 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.0529	0.24048	'HITCHLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	110.2	0.24037	'Hitchland Interchange 345/115KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	129.475	0.2871	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.8	0.24037	'G07-05 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'

SOURCE	GROUP DISPATCH SCENARIO	SEASON	ELEMENT	DIRECTION	RATEA	RATEB	TC%LOADING	TDF	CONTNAME
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.7	0.24037	'G07-57 115.00 - MOORE COUNTY INTERCHANGE EAST BUS 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2	0.24037	'HUBER GEN - INDUSTRIAL SUB 69KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2	0.24037	'INDUSTRIAL SUB - SID RICHARDSON (PHILLIPS) GEN 69KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	112.7147	0.2532	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	109.3111	0.24762	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	112.6885	0.2532	'BECKHAM CO 230.00 - STATELINE INTERCHANGE 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4879	0.24158	'MCCLELLAN SUB - MCLEAN RURAL SUB 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.5469	0.24158	'KIRBY SWITCHING STATION - MCCLELLAN SUB 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.5	0.24037	'FINNEY SWITCHING STATION - G08-18 345.00 345KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	106	0.24037	'MAJESTC_WND3115.00 - MARTÍN 3 115.00 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.0553	0.24056	'Harrington Station East Bus - Harrington Station Mid Bus 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2291	0.24119	'NICHOLS STATION - YARNELL SUB 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.2806	0.2375	'AMARILLO SOUTH INTERCHANGE - NICHOLS STATION 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.226	0.24119	'CONWAY SUB - YARNELL SUB 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.6684	0.24119	'CONWAY SUB - KIRBY SWITCHING STATION 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101	0.24037	'CONWAY SUB - G04-03 115.00 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4	0.24037	'G05-21 115.00 - KIRBY SWITCHING STATION 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1964	0.24134	'BUSHLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1845	0.24134	'BUSHLAND INTERCHANGE - COULTER INTERCHANGE 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.3	0.24037	'BUSHLAND INTERCHANGE - WILDORADO WIND GEN 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.0861	0.2389	'PALO DURO SUB - RANDALL COUNTY INTERCHANGE 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	110.7636	0.23209	'AMARILLO SOUTH INTERCHANGE - G07-48T 230.00 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.0276	0.2389	'HAPPY INTERCHANGE - PALO DURO SUB 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4702	0.26681	'CHAVES COUNTY INTERCHANGE - SAN JUAN MESA TAP 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.5416	0.23373	'G05-10T 230.00 - ROOSEVELT COUNTY INTERCHANGE 230KV CKT 2'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.5019	0.23316	'Roosevelt County Interchange SOUTH - TOLK STATION EAST 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	117.7091	0.24037	'PNM BLACKWATER DC TIE - Roosevelt County Interchange SOUTH 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2812	0.2389	'HAPPY INTERCHANGE - TULIA TAP 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1552	0.2389	'KRESS INTERCHANGE - TULIA TAP 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	115.9956	0.23622	'SWISHER COUNTY INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	116.9354	0.23209	'G07-48T 230.00 - SWISHER COUNTY INTERCHANGE 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.7902	0.24113	'COX INTERCHANGE - LIGHTHOUSE REC-COX INTERCHANGE 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.7971	0.24113	'HALE CO INTERCHANGE - LIGHTHOUSE REC-COX INTERCHANGE 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.9	0.2474	'LAMB COUNTY REC-SOUTH OLTON - LAMTON INTERCHANGE 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.4116	0.2474	'HALE CO INTERCHANGE - LAMTON INTERCHANGE 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.3	0.2474	'LAMB COUNTY REC-SOUTH OLTON - PLANT X STATION 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.6013	0.24787	'HALE CO INTERCHANGE - PLANT X STATION 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.3321	0.24479	'HALE CO INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.5406	0.25064	'PLANT X STATION 230/115KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.7854	0.25229	'PLANT X STATION - TOLK STATION EAST 230KV CKT 2'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9078	0.25299	'PLANT X STATION - TOLK STATION WEST 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	110.4041	0.24988	'PLANT X STATION - SUNDOWN INTERCHANGE 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.0931	0.24407	'LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.0315	0.24149	'TOLK STATION WEST - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2042	0.23373	'G05-10T 230.00 - TOLK STATION WEST 230KV CKT 2'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.2423	0.22497	'G07-34T 345.00 - TOLK STATION 345KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.0885	0.24407	'LAMB COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.2654	0.24136	'HOCKLEY COUNTY INTERCHANGE - LAMB COUNTY INTERCHANGE 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	108.8738	0.26459	'JONES STATION - TUCO INTERCHANGE 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.0556	0.24187	'CARLISLE INTERCHANGE - SOUTH PLAINS REC-ERSKINE 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.4119	0.25165	'CARLISLE INTERCHANGE - DOUD SUB 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.6457	0.25165	'DOUD SUB - YUMA INTERCHANGE 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.7747	0.27484	'LUBBOCK SOUTH INTERCHANGE - WOLFFORTH INTERCHANGE 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.7681	0.24686	'AMOCO SWITCHING STATION - SUNDOWN INTERCHANGE 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	115.5062	0.28374	'SUNDOWN INTERCHANGE - WOLFFORTH INTERCHANGE 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.1713	0.24686	'AMOCO SWITCHING STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.8701	0.25165	'WOLFFORTH INTERCHANGE - YUMA INTERCHANGE 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.2535	0.25273	'TERRY COUNTY INTERCHANGE - WOLFFORTH INTERCHANGE 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4	0.24037	'G08-08 115.00 - GRAHAM INTERCHANGE 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1359	0.24211	'DENVER CITY INTERCHANGE N. - TERRY COUNTY INTERCHANGE 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	114	0.24037	'Golden Spread REC - Mustang Interchange 230 kV Generation Bus - MUSTANG STATION 230K
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.322	0.22497	'EDDY COUNTY INTERCHANGE - G07-34T 345.00 345KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.6058	0.24779	'HOBBS INTERCHANGE - MIDLAND COUNTY INTERCHANGE 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.6462	0.24105	'KNOLL 230 - SMOKYHLLS6 230.00 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.1521	0.24105	'SMOKYHLLS6 230.00 - SUMMIT 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.4497	0.2433	'HOLCOMB - SETAB 345KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	113.0788	0.24701	'GRAY CO 345.00 - HOLCOMB 345KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.7689	0.24399	'MINGO - SETAB 345KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.731	0.24415	'MINGO - RED WILLOW 345KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	113.2871	0.24701	'GRAY CO 345.00 - SPEARVILLE 345KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.4539	0.24126	'CIRCLE - MULLERGREN 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1	0.24063	'GREENSBURG - SUN CITY 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.3	0.24063	'G01-39AT 115.00 - GREENSBURG 115KV CKT 1'

SOURCE	GROUP DISPATCH SCENARIO	SEASON	ELEMENT	DIRECTION	RATEA	RATEB	TC%LOADING	TDF	CONTNAME
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1	0.24063	'MEDICINE LODGE - SUN CITY 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.5776	0.24123	'MULLERGREN - SPEARVILLE 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.6	0.24037	'G07-46 115.00 - G07-46T 115.00 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9	0.24037	'G06-39T 230.00 - G06-45 230.00 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9	0.24037	'G06-39T 230.00 - G06-47 230.00 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	110.1	0.24037	'G03-13 345.00 - STEVENS CO 345.00 345KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	121	0.24037	'G06-49 345.00 - STEVENS CO 345.00 345KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	114.5	0.24037	'G05-17 345.00 - G05-17T 345.00 345KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.7	0.24037	'G05-17 345.00 345/115KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.7	0.24037	'G05-17-2 115.00 - G05-17-2 115.00 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.9	0.24037	'G06-44 115.00 - G06-44-1 115.00 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105	0.24037	'G06-44 115.00 - G06-44-2 115.00 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.5	0.24037	'G06-44 115.00 - G06-44-3 115.00 115KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.7	0.24037	'G05-15 345.00 - G05-15T 345.00 345KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.8	0.24037	'G05-15T 345.00 - G08-14 345.00 345KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4579	0.24077	'AXTELL - PAULINE 345KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.3501	0.24193	'GERALD GENTLEMAN STATION - RED WILLOW 345KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2813	0.24047	'GERALD GENTLEMAN STATION - SWEETWATER 345KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2941	0.24075	'MOORE - PAULINE 345KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.125	0.24075	'GRAND ISLAND - SWEETWATER 345KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.3993	0.24043	'STEGALL - STEGALL TRANSFORMER 230KV CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4026	0.24043	'STEGALL TY 345/230KV TRANSFORMER CKT 1'
G08_009	2	10G	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT	'TO->FROM'	956	1052	100.4749	0.29088	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	118.6448	0.2532	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.3677	0.24074	'JERICHO (JERIC2WT) 115/69/14.4KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.0784	0.24158	'SHAMROCK (SHAMRCK2) 138/69/14.4KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2748	0.24158	'SHAMROCK (SHAMRCK1) 115/69/14.4KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1	0.24037	'ETTER RURAL SUB 115/34.5KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.8	0.24037	'G07-05 115.00 115/34.5KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1	0.24037	'DUMAS SUB 115/34.5KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.7	0.24037	'BLACKHAWK STATION N. 115/13.8KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.7	0.24037	'BLACKHAWK STATION S. 115/13.8KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	117	0.24037	'HARRINGTON STATION 230/24.0KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	117.1	0.24037	'Harrington Station Mid Bus 230/24.0KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.6	0.24037	'WILDORADO WIND GEN 230/34.5KV TRANSFORMER CKT 1'
G08_009	2	10G	'DEAF SMITH COUNTY INTERCHANGE - G06-39T 230.00 230KV	'FROM->TO'	319	351	109.4	0.19199	'TOLK STATION EAST 230/24.0KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.2492	0.22497	'TOLK STATION (ABBXNL844501) 345/230/13.2KV TRANSFORMER CKT 1'
G08_009	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	109.618	0.45074	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G08_009	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	109.9839	0.45074	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G08_009	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	109.618	0.45074	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G08_009	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	109.9839	0.45074	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	120.7	0.24037	'JONES STATION 230/22.0KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	120.8	0.24037	'Jones Station Bus#2 230/22.0KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.8	0.24037	'GRASSLAND INTERCHANGE 230/34.5KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.1	0.24037	'MUSTANG STATION N. 115/13.8KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.1	0.24037	'MUSTANG STATION S. 115/13.8KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.1	0.24037	'Golden Spread REC - Mustang Interchange 230 kV Generation Bus 230/22.0KV TRANSFORMEF
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.8	0.24037	'Golden Spread REC - Mustang Interchange 230 kV Generation Bus 230/18.0KV TRANSFORMEF
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.8	0.24037	'Golden Spread REC - Mustang Interchange 230 kV Generation Bus 230/18.0KV TRANSFORMEF
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.3195	0.22497	'EDDY COUNTY INTERCHANGE (ABB AEM30711) 345/230/13.2KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.5	0.24037	'CUNNINGHAM STATION 230/20.0KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.3	0.24037	'HOBBS INTERCHANGE 115/18.0KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.3	0.24037	'HOBBS INTERCHANGE 115/18.0KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.9	0.24037	'HOBBS INTERCHANGE 230/18.0KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4	0.24037	'MADDOX STATION 115/13.8KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.6933	0.24128	'SPEARVILLE (SPEARVL) 345/230/13.8KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1	0.24037	'MULLERGREN 115/13.8KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.1	0.24037	'G06-39T 230.00 230/34.5KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101	0.24037	'G04-03 115.00 115/34.5KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.6	0.24037	'G03-13 345.00 345/34.5KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.6	0.24037	'G03-13 345.00 345/34.5KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.6	0.24037	'G02-06 115.00 115/34.5KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.3	0.24037	'G05-21 115.00 115/34.5KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.9	0.24037	'G05-17 345.00 345/34.5KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.9	0.24037	'G05-17 345.00 345/34.5KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.7	0.24037	'G05-17-2 115.00 115/34.5KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.9	0.24037	'G06-44-1 115.00 115/34.5KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105	0.24037	'G06-44-2 115.00 115/34.5KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.5	0.24037	'G06-44-3 115.00 115/34.5KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	106.8	0.24037	'G06-49 345.00 345/34.5KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	106.7	0.24037	'G06-49 345.00 345/34.5KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.7	0.24037	'G06-49 345.00 345/34.5KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.8	0.24037	'G08-14 345.00 345/34.5KV TRANSFORMER CKT 1'

SOURCE	GROUP DISPATCH SCENARIO	SEASON	ELEMENT	DIRECTION	RATEA	RATEB	TC%LOADING	TDF	CONTNAME
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9	0.24037	'G06-45 230.00 230/34.5KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9	0.24037	'G06-47 230.00 230/34.5KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.9	0.24037	'G07-48T 230.00 230/34.5KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.6	0.24037	'G07-46 115.00 115/34.5KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.7	0.24037	'G07-57 115.00 115/34.5KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4	0.24037	'G08-08 115.00 115/34.5KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.5	0.24037	'G08-18 345.00 345/34.5KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.8	0.24037	'COOPER 345/22.0KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4	0.24037	'LOUISA 345/24.0KV TRANSFORMER CKT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	114.1311	0.2536	'SPP-SWPS-03B'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.7637	0.2474	'SPP-SWPS-25'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1314	0.24063	'SPP-MKEC-09B'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4015	0.24043	'NEB01WAPAB3'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.5741	0.24037	'GEN300006 1-NEW MADRID UNIT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.5706	0.24037	'GEN300007 1-NEW MADRID UNIT 2'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1556	0.24037	'GEN334440 1-SABINE UNIT 4'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.3147	0.24037	'GEN335137 2-PPG'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9403	0.24037	'GEN335206 1-NELSON UNIT 6'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.4872	0.24037	'GEN335831 1-RIVERBEND UNIT#1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.9717	0.24037	'GEN336153 1-WATERFORD UNIT#3'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1563	0.24037	'GEN336170 1-GULF OXY U4'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.6778	0.24037	'GEN336801 1-BAXTER WILSON UNIT #1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.2844	0.24037	'GEN336821 1-GRAND GULF UNIT'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.3577	0.24037	'GEN337041 1-GERALD ANDRUS'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.7227	0.24037	'GEN337652 1-WHITE BLUFF UNIT #1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.7264	0.24037	'GEN337653 1-WHITE BLUFF UNIT #2'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.108	0.24037	'GEN337910 1-ARKANSAS NUCLEAR ONE UNIT #1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.6902	0.24037	'GEN337911 1-ARKANSAS NUCLEAR ONE UNIT #2'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.6367	0.24037	'GEN338146 1-INDEPENDENCE UNIT #2'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.6736	0.24037	'GEN501801 1-DOLET HILLS UNIT1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.8902	0.24037	'GEN501812 1-RODEMACHER UNIT 2'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.1788	0.24037	'GEN501813 1-RODEMACHER UNIT 3'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.8462	0.24037	'GEN509394 1-FLINT CREEK'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.4952	0.24037	'GEN509403 1-PIRKEY GENERATION'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.0358	0.24037	'GEN509404 1-WELSH #1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.0358	0.24037	'GEN509405 1-WELSH #2'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.0359	0.24037	'GEN509406 1-WELSH #3'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.6664	0.24037	'GEN511839 1-NORTHEASTERN STATION #2'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.7017	0.24037	'GEN511840 1-NORTHEASTERN STATION #3'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.6852	0.24037	'GEN511841 1-NORTHEASTERN STATION #4'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.7648	0.24037	'GEN511842 1-RIVERSIDE STATION #1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.7941	0.24037	'GEN511843 1-RIVERSIDE STATION #2'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.548	0.24037	'GEN511848 1-SOUTHWESTERN STATION #3'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9038	0.24037	'GEN512688 2-GRDA1 GSU2 22'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.6027	0.24037	'GEN512689 1-GRDA1 GSU1 22'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.2452	0.24037	'GEN514805 1-SOONER UNIT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.2423	0.24037	'GEN514806 1-SOONER UNIT 2'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.0982	0.24037	'GEN515041 1-SEMINOLE 2G'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.1095	0.24037	'GEN515223 1-MUSKOGEE 4G'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.1062	0.24037	'GEN515225 1-MUSKOGEE 5G'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.0981	0.24037	'GEN515226 1-MUSKOGEE 6G'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9415	0.24037	'GEN520947 1-HUGO1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.0869	0.24037	'GEN526331 1-JONES GEN #1 22 KV'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.0865	0.24037	'GEN526332 1-JONES GEN #2 21 KV'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.0629	0.24037	'GEN532652 1-JEFFREY ENERGY CENTER UNIT 2'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.0628	0.24037	'GEN532653 1-JEFFREY ENERGY CENTER UNIT 3'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.9723	0.24037	'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.6163	0.24037	'GEN542955 1-LACYGNE UNIT #1'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.5126	0.24037	'GEN542956 2-LACYGNE UNIT #2'
G08_009	2	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.4828	0.24037	'GEN599891 1-OKLAUN'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	108.4709	0.24135	'BASE CASE'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.4996	0.2438	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.5	0.24135	'OKLAUN - OKLAUNION 345KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	116.4485	0.25422	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4674	0.2436	'CHILDRESS - LAKE PAULINE 138KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1194	0.24218	'CAPROCK REC-MCDONALD - CR-1956 4138.00 138KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.7113	0.24877	'CAPROCK REC-MCDONALD - CAPROCK REC-PHILLIPS 138KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	106.0974	0.24877	'CAPROCK REC-PHILLIPS - CAPROCK REC-TATE 138KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.0336	0.24877	'MIDLAND COUNTY INTERCHANGE 230/138KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4	0.24135	'G02-06 115.00 - TEXAS COUNTY INTERCHANGE 115KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.6	0.24135	'Hitchland Interchange 345/115KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	126.9253	0.28809	'Hitchland Interchange - STEVENS CO 345.00 345KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.3726	0.24774	'G05-17T 345.00 - Hitchland Interchange 345KV CKT 1'

SOURCE	GROUP DISPATCH SCENARIO	SEASON	ELEMENT	DIRECTION	RATEA	RATEB	TC%LOADING	TDF	CONTNAME
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9	0.24135	'G07-05 115.00 - PRINGLE INTERCHANGE 115KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	110.7542	0.25422	'GRAPEVINE INTERCHANGE - STATELINE INTERCHANGE 230KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	106.2166	0.24862	'GRAPEVINE INTERCHANGE - NICHOLS STATION 230KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	110.7226	0.25422	'BECKHAM CO 230.00 - STATELINE INTERCHANGE 230KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100	0.24256	'KIRBY SWITCHING STATION - MCCLELLAN SUB 115KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	145.3343	0.28809	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.1	0.24135	'FINNEY SWITCHING STATION - G08-18 345.00 345KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4	0.24135	'MAJESTC_WND3115.00 - MARTÍN 3 115.00 115KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.9594	0.24894	'BUSHLAND INTERCHANGE - POTTER COUNTY INTERCHANGE 230KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.6472	0.25803	'G06-39T 230.00 - POTTER COUNTY INTERCHANGE 230KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9622	0.24774	'G05-17T 345.00 - POTTER COUNTY INTERCHANGE 345KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.3	0.24135	'CONWAY SUB - G04-03 115.00 115KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.2	0.24135	'G05-21 115.00 - KIRBY SWITCHING STATION 115KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.0663	0.24233	'BUSHLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.4	0.24135	'BUSHLAND INTERCHANGE - WILDORADO WIND GEN 230KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.2668	0.25482	'BUSHLAND INTERCHANGE - G06-39T 230.00 230KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100	0.23988	'PALO DURO SUB - RANDALL COUNTY INTERCHANGE 115KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	117.1846	0.24135	'PNM BLACKWATER DC TIE - Roosevelt County Interchange SOUTH 230KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	114.5574	0.2372	'SWISHER COUNTY INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	115.9159	0.23306	'G07-48T 230.00 - SWISHER COUNTY INTERCHANGE 230KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1728	0.24212	'COX INTERCHANGE - LIGHTHOUSE REC-COX INTERCHANGE 115KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1805	0.24212	'HALE CO INTERCHANGE - LIGHTHOUSE REC-COX INTERCHANGE 115KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.3	0.24841	'LAMB COUNTY REC-SOUTH OLTON - LAMTON INTERCHANGE 115KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9028	0.24841	'HALE CO INTERCHANGE - LAMTON INTERCHANGE 115KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.7	0.24841	'LAMB COUNTY REC-SOUTH OLTON - PLANT X STATION 115KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.0915	0.24888	'HALE CO INTERCHANGE - PLANT X STATION 115KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.539	0.24579	'HALE CO INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	106.9705	0.25166	'PLANT X STATION 230/115KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	109.2169	0.25097	'PLANT X STATION - SUNDOWN INTERCHANGE 230KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.3919	0.24507	'LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.2994	0.22598	'G07-34T 345.00 - TOLK STATION 345KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.3937	0.24507	'LAMB COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.5751	0.24235	'HOCKLEY COUNTY INTERCHANGE - LAMB COUNTY INTERCHANGE 115KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	109.16	0.26558	'JONES STATION - TUCO INTERCHANGE 230KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.0028	0.25265	'CARLISLE INTERCHANGE - DOUD SUB 115KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.2373	0.25265	'DOUD SUB - YUMA INTERCHANGE 115KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.138	0.27592	'LUBBOCK SOUTH INTERCHANGE - WOLFFORTH INTERCHANGE 230KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4118	0.24783	'AMOCO SWITCHING STATION - SUNDOWN INTERCHANGE 230KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	115.0013	0.28485	'SUNDOWN INTERCHANGE - WOLFFORTH INTERCHANGE 230KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.7992	0.24783	'AMOCO SWITCHING STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.4219	0.25265	'WOLFFORTH INTERCHANGE - YUMA INTERCHANGE 115KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.8385	0.25372	'TERRY COUNTY INTERCHANGE - WOLFFORTH INTERCHANGE 115KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	113.8	0.24135	'Golden Spread REC - Mustang Interchange 230 kV Generation Bus - MUSTANG STATION 230K
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.3037	0.22598	'EDDY COUNTY INTERCHANGE - G07-34T 345.00 345KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107.0351	0.24877	'HOBBS INTERCHANGE - MIDLAND COUNTY INTERCHANGE 230KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.782	0.24429	'HOLCOMB - SETAB 345KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	106.2276	0.24804	'GRAY CO 345.00 - HOLCOMB 345KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.9488	0.24498	'MINGO - SETAB 345KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.1134	0.24514	'MINGO - RED WILLOW 345KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	106.2046	0.24804	'GRAY CO 345.00 - SPEARVILLE 345KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1183	0.24224	'CIRCLE - MULLERGREN 230KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1963	0.24222	'MULLERGREN - SPEARVILLE 230KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101	0.24135	'G07-46 115.00 - G07-46T 115.00 115KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.6	0.24135	'G06-39T 230.00 - G06-45 230.00 230KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.5	0.24135	'G06-39T 230.00 - G06-47 230.00 230KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.6	0.24135	'G03-13 345.00 - STEVENS CO 345.00 345KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.4	0.24135	'G06-49 345.00 - STEVENS CO 345.00 345KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.7	0.24135	'G05-17 345.00 - G05-17T 345.00 345KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.3	0.24135	'G06-44 115.00 - G06-44-2 115.00 115KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9	0.24135	'G06-44 115.00 - G06-44-3 115.00 115KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.1	0.24135	'G05-15 345.00 - G05-15T 345.00 345KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.1	0.24135	'G05-15T 345.00 - G08-14 345.00 345KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1423	0.24174	'GRAND ISLAND - SWEETWATER 345KV CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	116.4354	0.25422	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9	0.24135	'G07-05 115.00 115/34.5KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.5	0.24135	'BLACKHAWK STATION N. 115/13.8KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.5	0.24135	'BLACKHAWK STATION S. 115/13.8KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9045	0.24774	'POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	117.7	0.24135	'HARRINGTON STATION 230/24.0KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	117.7	0.24135	'Harrington Station Mid Bus 230/24.0KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.4	0.24135	'WILDORADO WIND GEN 230/34.5KV TRANSFORMER CKT 1'
G08_009	5	10G	'DEAF SMITH COUNTY INTERCHANGE - G06-39T 230.00 230KV	'FROM->TO'	319	351	119.9	0.19252	'TOLK STATION EAST 230/24.0KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.3016	0.22598	'TOLK STATION (ABBXNL844501) 345/230/13.2KV TRANSFORMER CKT 1'

SOURCE	GROUP DISPATCH SCENARIO	SEASON	ELEMENT	DIRECTION	RATEA	RATEB	TC%LOADING	TDF	CONTNAME
G08_009	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	111.0008	0.45199	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G08_009	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	111.3537	0.45199	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G08_009	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	111.0008	0.45199	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G08_009	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOF	'FROM->TO'	515	560	111.3537	0.45199	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	120.8	0.24135	'JONES STATION 230/22.0KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	120.8	0.24135	'Jones Station Bus#2 230/22.0KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.2	0.24135	'GRASSLAND INTERCHANGE 230/34.5KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.7	0.24135	'MUSTANG STATION N. 115/13.8KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.7	0.24135	'MUSTANG STATION S. 115/13.8KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.7	0.24135	'Golden Spread REC - Mustang Interchange 230 kV Generation Bus 230/22.0KV TRANSFORMEF
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.3	0.24135	'Golden Spread REC - Mustang Interchange 230 kV Generation Bus 230/18.0KV TRANSFORMEF
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.3	0.24135	'Golden Spread REC - Mustang Interchange 230 kV Generation Bus 230/18.0KV TRANSFORMEF
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.3867	0.22598	'EDDY COUNTY INTERCHANGE (ABB AEM30711) 345/230/13.2KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.9	0.24135	'CUNNINGHAM STATION 230/20.0KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.8	0.24135	'HOBBS INTERCHANGE 115/18.0KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.8	0.24135	'HOBBS INTERCHANGE 115/18.0KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.5	0.24135	'HOBBS INTERCHANGE 230/18.0KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	110.1	0.24135	'G06-39T 230.00 230/34.5KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.3	0.24135	'G04-03 115.00 115/34.5KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1	0.24135	'G03-13 345.00 345/34.5KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1	0.24135	'G03-13 345.00 345/34.5KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4	0.24135	'G02-06 115.00 115/34.5KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.1	0.24135	'G05-21 115.00 115/34.5KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2	0.24135	'G05-17 345.00 345/34.5KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2	0.24135	'G05-17 345.00 345/34.5KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.3	0.24135	'G06-44-2 115.00 115/34.5KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9	0.24135	'G06-44-3 115.00 115/34.5KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.6	0.24135	'G06-49 345.00 345/34.5KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.6	0.24135	'G06-49 345.00 345/34.5KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.3	0.24135	'G06-49 345.00 345/34.5KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.1	0.24135	'G08-14 345.00 345/34.5KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.6	0.24135	'G06-45 230.00 230/34.5KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.5	0.24135	'G06-47 230.00 230/34.5KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	120.8	0.24135	'G07-48T 230.00 230/34.5KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101	0.24135	'G07-46 115.00 115/34.5KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.1	0.24135	'G08-18 345.00 345/34.5KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.3	0.24135	'COOPER 345/22.0KV TRANSFORMER CKT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	111.6719	0.25462	'SPP-SWPS-03B'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.2805	0.24841	'SPP-SWPS-25'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2692	0.24135	'GEN335206 1-NELSON UNIT 6'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.4891	0.24135	'GEN335831 1-RIVERBEND UNIT#1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.9287	0.24135	'GEN336153 1-WATERFORD UNIT#3'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	102.2254	0.24135	'GEN336821 1-GRAND GULF UNIT'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.578	0.24135	'GEN337041 1-GERALD ANDRUS'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9285	0.24135	'GEN337652 1-WHITE BLUFF UNIT #1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9287	0.24135	'GEN337653 1-WHITE BLUFF UNIT #2'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.2415	0.24135	'GEN337910 1-ARKANSAS NUCLEAR ONE UNIT #1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.701	0.24135	'GEN337911 1-ARKANSAS NUCLEAR ONE UNIT #2'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.8237	0.24135	'GEN338146 1-INDEPENDENCE UNIT #2'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.9737	0.24135	'GEN501801 1-DOLET HILLS UNIT1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2406	0.24135	'GEN501812 1-RODEMACHER UNIT 2'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4762	0.24135	'GEN501813 1-RODEMACHER UNIT 3'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1796	0.24135	'GEN509394 1-FLINT CREEK'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.8434	0.24135	'GEN509403 1-PIRKEY GENERATION'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4137	0.24135	'GEN509404 1-WELSH #1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4137	0.24135	'GEN509405 1-WELSH #2'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4138	0.24135	'GEN509406 1-WELSH #3'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100	0.24135	'GEN511839 1-NORTHEASTERN STATION #2'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.0514	0.24135	'GEN511840 1-NORTHEASTERN STATION #3'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100	0.24135	'GEN511841 1-NORTHEASTERN STATION #4'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1348	0.24135	'GEN511842 1-RIVERSIDE STATION #1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.1625	0.24135	'GEN511843 1-RIVERSIDE STATION #2'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.2371	0.24135	'GEN512688 2-GRDA1 GSU2 22'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.5593	0.24135	'GEN514805 1-SOONER UNIT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.5572	0.24135	'GEN514806 1-SOONER UNIT 2'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4606	0.24135	'GEN515223 1-MUSKOGEE 4G'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4831	0.24135	'GEN515225 1-MUSKOGEE 5G'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.4754	0.24135	'GEN515226 1-MUSKOGEE 6G'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.3428	0.24135	'GEN520947 1-HUGO1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.0023	0.24135	'GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1'
G08_009	5	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	101.9357	0.24135	'GEN599891 1-OKLAUN'
G08_009	6	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.9582	0.28842	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G08_009	6	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	104.0109	0.24156	'PNM BLACKWATER DC TIE - Roosevelt County Interchange SOUTH 230KV CKT 1'

SOURCE	GROUP DISPATCH SCENARIO	SEASON	ELEMENT	DIRECTION	RATEA	RATEB	TC%LOADING	TDF	CONTNAME
G08_009	6	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	100.7	0.24156	'Golden Spread REC - Mustang Interchange 230 kV Generation Bus - MUSTANG STATION 230K
G08_009	6	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	105.9	0.24156	'HARRINGTON STATION 230/24.0KV TRANSFORMER CKT 1'
G08_009	6	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	106	0.24156	'Harrington Station Mid Bus 230/24.0KV TRANSFORMER CKT 1'
G08_009	6	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107	0.24156	'JONES STATION 230/22.0KV TRANSFORMER CKT 1'
G08_009	6	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	107	0.24156	'Jones Station Bus#2 230/22.0KV TRANSFORMER CKT 1'
G08_009	6	10G	'TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1'	'FROM->TO'	319	351	103.8	0.24156	'GRASSLAND INTERCHANGE 230/34.5KV TRANSFORMER CKT 1'
G08_014	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	111.7957	0.30722	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G08_014	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	104.3526	0.30722	'G05-15T 345.00 - OKLAUNION 345KV CKT 1'
G08_014	2	10G	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT	'TO->FROM'	956	1052	109.9486	0.27747	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G08_016	2	10G	FDNS-Blown up		956	1052	93.04478	0.21989	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G08_016	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	111.7957	0.27905	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G08_016	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	104.3526	0.27905	'G05-15T 345.00 - OKLAUNION 345KV CKT 1'
G08_016	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	101.7224	0.22528	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G08_016	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	102.2142	0.27905	'G05-15T 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G08_016	2	10G	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT	'TO->FROM'	956	1052	109.9486	0.30366	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G08_016	2	10G	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT	'TO->FROM'	956	1052	100.4849	0.24731	'BECKHAM CO 230.00 - ELK CITY 230KV 230KV CKT 1'
G08_016	2	10G	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT	'TO->FROM'	956	1052	100.4749	0.24731	'ELK CITY 230KV (ELKCTY-6) 230/138/13.8KV TRANSFORMER CKT 1'
G08_016	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOI	'FROM->TO'	515	560	109.618	0.5102	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G08_016	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOI	'FROM->TO'	515	560	109.9839	0.5102	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G08_016	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOI	'FROM->TO'	515	560	109.618	0.5102	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G08_016	2	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOI	'FROM->TO'	515	560	109.9839	0.5102	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G08_016	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOI	'FROM->TO'	515	560	111.0008	0.51146	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G08_016	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOI	'FROM->TO'	515	560	111.3537	0.51146	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2'
G08_016	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOI	'FROM->TO'	515	560	111.0008	0.51146	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G08_016	5	10G	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFOI	'FROM->TO'	515	560	111.3537	0.51146	'TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1'
G08_017	2	10G	'SPEARVILLE (SPEARVL) 345/230/13.8KV TRANSFORMER CKT 1'	'FROM->TO'	336	336	137.3015	0.1979	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G08_017	2	10G	'SPEARVILLE (SPEARVL) 345/230/13.8KV TRANSFORMER CKT 1'	'FROM->TO'	336	336	137.1123	0.1979	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G08_018	2	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	142.6352	0.21742	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G08_018	2	10G	'SPEARVILLE (SPEARVL) 345/230/13.8KV TRANSFORMER CKT 1'	'FROM->TO'	336	336	137.3015	0.24426	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G08_018	2	10G	'SPEARVILLE (SPEARVL) 345/230/13.8KV TRANSFORMER CKT 1'	'FROM->TO'	336	336	137.1123	0.24426	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G08_018	3	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	161.4924	0.21776	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G08_018	5	10G	'MULLERGREN - SPEARVILLE 230KV CKT 1'	'TO->FROM'	330.3	355.3	104.611	0.21795	'KNOLL345 345.00 - SPEARVILLE 345KV CKT 1'
G08_019	1	10G	FDNS-Blown up		1195	1195	95.77991	0.63986	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_019	1	10G	'G08-19 345.00 345/34.5KV TRANSFORMER CKT 1'	'FROM->TO'	150	150	163.1448	1	'BASE CASE'
G08_019	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	111.7957	0.64524	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G08_019	1	10G	'G08-19 345.00 345/34.5KV TRANSFORMER CKT 1'	'FROM->TO'	150	150	165.1817	1	'LAWTON EASTSIDE - OKLAUNION 345KV CKT 1'
G08_019	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	104.3526	0.64524	'G05-15T 345.00 - OKLAUNION 345KV CKT 1'
G08_019	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.4806	0.65246	'CLEO CORNER - GLASS MOUNTAIN 138KV CKT 1'
G08_019	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.8107	0.65558	'CLEO CORNER - MEN TAP 138KV CKT 1'
G08_019	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.5966	0.68067	'FPL SWITCH - WOODWARD 138KV CKT 1'
G08_019	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.8435	0.6571	'DEWEY - SOUTHARD 138KV CKT 1'
G08_019	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.5746	0.65246	'GLASS MOUNTAIN - MOORELAND 138KV CKT 1'
G08_019	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.6793	0.65558	'IMO TAP - MEN TAP 138KV CKT 1'
G08_019	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	105.2565	0.6571	'EL RENO - ROMAN NOSE 138KV CKT 1'
G08_019	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	100.265	0.6571	'ROMAN NOSE - SOUTHARD 138KV CKT 1'
G08_019	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	108.4445	0.753	'MIDPT_BUS 7 345.00 - WWRDEHV7 345.00 345KV CKT 1'
G08_019	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	103.8674	0.68067	'FPL SWITCH - MOORELAND 138KV CKT 1'
G08_019	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	101.7224	0.64903	'FINNEY SWITCHING STATION - STEVENS CO 345.00 345KV CKT 1'
G08_019	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	108.4089	0.753	'MIDPT_BUS 7 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G08_019	1	10G	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'	'TO->FROM'	1195	1195	102.2142	0.64524	'G05-15T 345.00 - TUCO INTERCHANGE 345KV CKT 1'
G08_019	1	10G	'G08-19 345.00 345/34.5KV TRANSFORMER CKT 1'	'FROM->TO'	150	150	165.2746	1	'GEN336821 1-GRAND GULF UNIT'
G08_019	2	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	178.7563	0.3572	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_019	2	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	101.8871	0.3572	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_019	3	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	139.3618	0.35763	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_019	4	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	136.1304	0.35779	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_019	5	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	180.5131	0.35744	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_019	5	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	102.9569	0.35744	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_019	6	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	180.1226	0.35767	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_019	6	10G	'FPL SWITCH - MOORELAND 138KV CKT 1'	'FROM->TO'	268	287	102.5511	0.35767	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'
G08_019	7	10G	'FPL SWITCH - WOODWARD 138KV CKT 1'	'TO->FROM'	133	153	124.6973	0.35781	'NORTHWEST - TATONGA EHV 345.00 345KV CKT 1'

ADDITIONAL OVERLOADS AT 100% NAMEPLATE (DC ANALYSIS

G07_048	5	10G	'G07-48T 230.00 - SWISHER COUNTY INTERCHANGE 230KV CK	FROM->TO	319	351	112.2431	1	'AMARILLO SOUTH INTERCHANGE - G07-48T 230.00 230KV CKT 1'
G07_048	5	10G	'AMARILLO SOUTH INTERCHANGE - G07-48T 230.00 230KV CKT	TO->FROM	319	351	112.2111	1	'G07-48T 230.00 - SWISHER COUNTY INTERCHANGE 230KV CKT 1'
G08_016	6	10G	'GRASSLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1'	FROM->TO	115	115	106.3178	0.66331	'GRASSLAND INTERCHANGE - JONES_BUS2 6230.00 230KV CKT 1'
G07_032	7	10G	CLINTON JUNCTION - G07-32T 138.00 138KV CKT 1	TO->FROM	143	143	105.1893	1	G07-32T 138.00 - CLINTON 138.00 CKT 1
G07_032	7	10G	CLINTON - G07-32T 138.00 138KV CKT 1	FROM->TO	143	143	105.1893	1	G07-32T 138.00 - CLINTON JCT 138.00 CKT 1