# Screening Study SPP-LTSR-2013-008

9/6/2013

SPP Engineering, SPP Transmission Service Studies



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# **Executive Summary**

Southwestern Public Service Company has requested a Screening Study to determine the impacts on SPP facilities due to the Long Term Service Requests for 250 MW. The service type requested for this screening study is Long Term Service Request (LTSR). OASIS# 78489843 was studied as one request from 12/1/2014 to 12/1/2034.

The principal objective of this study is to identify system problems and potential system modifications necessary to facilitate the LTSR request while maintaining system reliability. The LTSR request was studied using two system scenarios. The service was modeled by the transfers from SPS to SPS. The two scenarios were studied to capture system limitations caused or impacted by the requested service. An analysis was conducted on the planning horizon from 12/1/2014 to 12/1/2034.

The service was modeled from SPS to SPS. Facilities on the SPP system were identified for the requested service due to the SPP Study Methodology criteria. Tables 1 and 2 summarize the results of the screening study analysis for the transfers for the scenarios listed in the table. Table 1 lists SPP thermal transfer limitations identified. Table 2 lists SPP voltage transfer limitations identified. Table 3 lists the network upgrades required to mitigate the limitations impacted by this request.

### Introduction

Southwestern Public Service Company has requested a screening study to determine the impacts on SPP facilities for the Long Term Service Requests for 250 MW.

The purpose of the LTSR Option Screening Study is to provide the Eligible Customer with an approximation of the transmission remediation costs of each potential LTSR and a reasonable cost differential between alternatives for the purpose of an Eligible Customer's ranking of its potential LTSRs. The results of the Screening Study are not binding and the Eligible Customer retains the rights to enter the Aggregate Transmission Service Study. The Screening Study results will not assess the third party impacts and upgrades required. Service will not be granted based on the Screening Study for potential LTSRs on the Transmission System. To obtain a Service Agreement, Eligible Customers must apply for service and follow the application process set forth in Parts II and III of the Tariff.

This study includes steady-state contingency analysis (PSS/E function ACCC). The steady-state analysis considers the impact of the request on transmission line and transformer loadings for outages of single transmission lines, transformers, and generating units, and selected multiple transmission lines and transformers on the SPP and first-tier third party systems.

The LTSR request was studied using two system scenarios. The service was modeled by a transfer from SPS to SPS. The two scenarios were studied to capture the system limitations caused or impacted by the requested service. Scenario 0 includes projected usage of transmission service included in the SPP 2012 Series Cases. Scenario 5 includes transmission service not already included in the SPP 2012 Series Cases.

# Study Methodology

### **Description**

The facility study analysis was conducted to determine the steady-state impact of the requested service on the SPP system. The steady-state analysis was performed to ensure current SPP Criteria and NERC Reliability Standards requirements are fulfilled. SPP conforms to NERC Reliability Standards, which provide strict requirements related to voltage violations and thermal overloads during normal conditions and during a contingency. NERC Standards require all facilities to be within normal operating ratings for normal system conditions and within emergency ratings after a contingency.

Normal operating ratings and emergency operating ratings monitored are Rate A and B in the SPP Model Development Working Group (MDWG) models, respectively. The upper bound and lower bound of the normal voltage range monitored is 105% and 95%. The upper bound and lower bound of the emergency voltage range monitored is 105% and 90%. Transmission Owner voltage monitoring criteria is used if more restrictive. The SPS Tuco 230 kV bus voltage is monitored at 92.5% due to pre-determined system stability limitations. The WERE Wolf Creek 345 kV bus voltage is monitored at 103.5% and 98.5% due to transmission operating procedure.

The contingency set includes all SPP control area branches and ties 69 kV and above; first tier non-SPP control area branches and ties 115 kV and above; any defined contingencies for these control areas; and generation unit outages for the control areas with SPP reserve share program redispatch. The monitor elements include all SPP control area branches, ties, and buses 69 kV. and above,. Voltage monitoring was performed for SPP control area buses 69 kV and above.

A 3 % transfer distribution factor (TDF) cutoff was applied to all SPP control area facilities. For voltage monitoring, a 0.02 per unit change in voltage must occur due to the transfer or modeling upgrades to be considered a valid limit to the transfer.

### **Model Development**

SPP used four seasonal models to study the SPS to SPS 250 MW request for the requested service period. The following SPP Transmission Expansion Plan 2012 Build 1 Cases were used to study the impact of the requested service on the transmission system:

Southwest Power Pool, Inc.

2014/15 Winter Peak (14WP)

2018 Summer Peak (18SP)

2018/19 Winter Peak (18WP)

2023 Summer Peak (23SP)

2023/24 Winter Peak (23WP)

The Summer Peak models apply to June through September, and the Winter Peak models apply to December through March.

The chosen base case models were modified to reflect the current modeling information. From the six seasonal models, two system scenarios were developed. Scenario 0 includes projected usage of transmission included in the SPP 2012 Series Cases. Scenario 5 includes transmission not already included in the SPP 2012 Series Cases.

### **Transmission Request Modeling**

Network Integration Transmission Service requests are modeled as Generation to Load transfers in addition to Generation to Generation because the requested Network Integration Transmission Service is a request to serve network load with the new designated network resource, and the impacts on the Transmission System are determined accordingly. Generation to Generation transfers are accomplished by developing a post-transfer case for comparison by dispatching the request source and redispatching the request sink.

# **Transfer Analysis**

Using the selected cases both with and without the requested transfer modeled, the PSS/E Activity ACCC was run on the cases and compared to determine the facility overloads caused or impacted by the transfer. Transfer distribution factor cutoffs and voltage threshold (0.02 change) were applied to determine the impacted facilities. The PSS/E options chosen to conduct the analysis can be found in Appendix A.

# **Study Results**

### **Study Analysis Results**

Tables 1 and 2 contain the initial steady-state analysis results of the LTSR. The tables are attached to the end of this report, if applicable. The tables identify the scenario and season in which the event occurred, the transfer amount studied, the facility control area location, applicable ratings of the thermal transfer limitations and voltage transfer limitations, and the loading percentage and voltage per unit (pu).

Table 1 lists the SPP thermal transfer limitations caused or impacted by the 250 MW requested transfers for applicable scenarios. Solutions are identified for the limitations in this table.

Table 2 lists the SPP voltage transfer limitations caused or impacted by the 250 MW requested transfers for applicable scenarios. Solutions are identified for the violations in this table.

Table 3 lists the network upgrades required to mitigate the limitations caused or impacted by this request. Engineering and construction costs are provided for assigned upgrades in this table.

# Conclusion

The results of the screening study show that limiting constraints exist within the SPP regional transmission system for the requested transfer of 250 MW. The next steps are to WITHDRAW the request on OASIS and, if desired, enter a new OASIS request into the aggregate study queue.

The results contained in this study are for informational purposes only. Service will not be granted based on the Screening Study results. To obtain a Service Agreement, Eligible Customers must apply for service and follow the application processes set forth in Parts II and III of the Tariff and enter the Aggregate Study process. The results of the Aggregate Study may vary from the results of this screening study.

As a final step in this process, it is requested that the customer WITHDRAW the LTSR screening study request on OASIS.

# Appendix A

### PSS/E CHOICES IN RUNNING LOAD FLOW PROGRAM AND ACCC

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• Solutions: Fixed slope decoupled Newton-Raphson so	olution
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(FDNS)

• Tap adjustment: Stepping

Area Interchange Control: Tie lines and loads
 Var limits: Apply immediately

• Solution Options:

X Phase shift adjustment

\_ Flat start

\_ Lock DC taps

Lock switched shunts

### ACCC CASE SETTINGS:

• Solutions: AC contingency checking (ACCC)

MW mismatch tolerance: 0.5
System intact rating: Rate A
Contingency case rating: Rate B
Percent of rating: 100
Output code: Summary

Min flow change in overload report: 3mw
Excld cases w/ no overloads from report: YES
Exclude interfaces from report: NO
Perform voltage limit check: YES
Elements in available capacity table: 60000
Cutoff threshold for available capacity 99999.0

table:

Min. contng. Case Vltg chng for report: 0.02
Sorted output: None

• Newton Solution:

• Tap adjustment: Stepping

• Area interchange control: Tie lines and loads (Disabled for generator

outages)

• Var limits: Apply immediately

Solution options:  $\underline{X}$  Phase shift adjustment

\_ Flat start

\_ Lock DC taps

\_ Lock switched shunts

Scenario	Season	From Area	To Area	Monitored Branch Over 100% Rate B	Transfer Case % Loading	TDF (%)	Outaged Branch Causing Overload	Upgrade Name	Solution
5	23SP	SPS	SPS	Hitchland Interchange (UPDATE DATA) 345/230/13.2KV TRANSFORMER CKT 2	103.9	9.21%	Hitchland Interchange (H TB80155502) 345/230/13.2KV TRANSFORMER CKT 1	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas County to Cole 115kV line
5	23SP	SPS	SPS	Hitchland Interchange (H TB80155502) 345/230/13.2KV TRANSFORMER CKT 1	103.9	9.21%	Hitchland Interchange (UPDATE DATA) 345/230/13.2KV TRANSFORMER CKT 2	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas  County to Cole 115kV line
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.5	7.11%	TEXAS COUNTY INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.1	7.11%	LACYGNE - NEOSHO 345KV CKT 1	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.9	8.79%	SPP-SWPS-02A	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.7	8.79%	SPP-SWPS-02	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	109.4	7.82%	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	113.4	7.97%	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	105.8	8.90%	SPP-SWPS-02A	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	107.9	4.31%	BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	107.8	4.31%	BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	105.8	8.61%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.3	8.58%	SPP-SWPS-K31	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	18SP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	108.8	5.50%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	18SP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.9	4.26%	SPP-SWPS-K31	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	18SP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	103.4	4.14%	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	105.6	8.90%	SPP-SWPS-02	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	23WP	SPS	SPS	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1	104.9	9.74%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1	Replace Terminal Equipment
5	23SP	SPS	SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	102.1	5.00%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Carlisle - SP Erskine 115 kV Ckt 1	Reconductor 1.49 miles from Carlisle to SP-Erskine.
5	23SP	SPS	SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	151.0	3.07%	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1	Carlisle - SP Erskine 115 kV Ckt 1	Reconductor 1.49 miles from Carlisle to SP-Erskine.
5	18SP	SPS	SPS	CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1	112.9	7.95%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	MULTI - Tuco-New Deal 345 kV	New 345/155kV transformer between Tuco and Stanton, Build new 345kV line between Tuco and high side of new transformer between Tuco and Stanton, Build new 115kV line between Stanton and low side of new transformer between Tuco
5	23SP	SPS	SPS	CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1	120.5	7.94%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	MULTI - Tuco-New Deal 345 kV	New 345/155kV transformer between Tuco and Stanton, Build new 345kV line between Tuco and high side of new transformer between Tuco and Stanton, Build new 115kV line between Stanton and low side of new transformer between Tuco
5	23WP	SPS	SPS	CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1	123.0	6.44%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	MULTI - Tuco-New Deal 345 kV	New 345/155kV transformer between Tuco and Stanton, Build new 345kV line between Tuco and high side of new transformer between Tuco and Stanton, Build new 115kV line between Stanton and low side of new transformer between Tuco
5	23VP	SPS	SPS	CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1	120.5	7.94%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Carlisle - SP Erskine 115 kV Ckt 1	Reconductor 1.49 miles from Carlisle to SP-Erskine.
5	18SP	SPS	SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	134.8	3.10%	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1	Carlisle - SP Erskine 115 kV Ckt 1	Reconductor 1.49 miles from Carlisle to SP-Erskine.
5	23WP	SPS	SPS	CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1	123.0	6.44%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Carlisle - SP Erskine 115 kV Ckt 1	Reconductor 1.49 miles from Carlisle to SP-Erskine.
5	18SP	SPS	SPS	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1	121.1	12.22%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV	
5	18SP	SPS	SPS	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1	104.8	4.94%	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV	Replace Terminal Equipment
<u> </u>	18SP	SPS	SPS	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1	102.3	4.94%	SPP-SWPS-V15	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV	Replace Terminal Equipment
<u> </u>	18SP	SPS	SPS	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1	102.3	4.94%	BASE CASE	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV	Replace Terminal Equipment
<u> </u>	23SP	SPS	SPS	INDIANA SUB - STANTON SUB 115KV CKT 1	132.7	3.07%	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1	Carlisle - SP Erskine 115 kV Ckt 1	Reconductor 1.49 miles from Carlisle to SP-Erskine.
<u>5</u>							CARLISLE INTERCHANGE - TUCO INTERCHANGE	Carlisle - SP Erskine 115 kV Ckt 1	Reconductor 1.49 miles from Carlisle to SP-Erskine.  Reconductor 1.49 miles from Carlisle to SP-Erskine.
5	18SP	SPS	SPS	INDIANA SUB - STANTON SUB 115KV CKT 1 CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV	119.8	3.10%	230KV CKT 1	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1	
5	23SP	SPS	SPS	CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV	130.0		JONES STATION - TUCO INTERCHANGE 230KV CKT 1	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV	
5	23SP	SPS		CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV	115.0	4.85%	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1	Replace Terminal Equipment  Replace Terminal Equipment
5	23SP 23SP	SPS SPS	SPS SPS	CKT 1 CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1	111.7 110.7	4.85% 4.15%	SPP-SWPS-V15  BASE CASE	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1	Replace Terminal Equipment  Replace Terminal Equipment
5	23SP	SPS	SPS	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1	103.1	4.15%	SPP-SWPS-V62	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV	Replace Terminal Equipment
5	23SP	SPS	SPS	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1	101.7	4.85%	SPP-SWPS-05	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV	Replace Terminal Equipment
	18SP	SPS	SPS	CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1	112.9	7.95%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Carlisle - SP Erskine 115 kV Ckt 1	Reconductor 1.49 miles from Carlisle to SP-Erskine.
5	23SP	SPS	SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	102.1	5.00%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1	Build 15 miles of new 230 kV line from Carlisle to Wolfforth South and install necessary terminal equipment.
5	23WP	SPS	SPS	EDDY COUNTY INTERCHANGE - EDDY_NORTH 6230.00 230KV CKT 1	102.1	31.78%	TOLK STATION WEST - YOAKUM COUNTY INTERCHANGE 230KV CKT 1	Amoco - Tuco 345 kV Ckt 1	Build new 67-mile 345 kV line from Tuco to Amoco.
5	23SP	SPS	SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	151.0	3.07%	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1	Build 15 miles of new 230 kV line from Carlisle to Wolfforth South and install necessary terminal equipment.
5	18SP	SPS	SPS	EDDY COUNTY INTERCHANGE (WH XHS70551) 230/115/13.2KV TRANSFORMER CKT 1	118.7	3.96%	EDDY COUNTY INTERCHANGE (UPDATE_LATER) 230/115/13.2KV TRANSFORMER CKT 2	Amoco - Tuco 345 kV Ckt 1	Build new 67-mile 345 kV line from Tuco to Amoco.
5	23SP	SPS	SPS	EDDY COUNTY INTERCHANGE (WH XHS70551) 230/115/13.2KV TRANSFORMER CKT 1	137.9	3.96%	EDDY COUNTY INTERCHANGE (UPDATE_LATER) 230/115/13.2KV TRANSFORMER CKT 2	Amoco - Tuco 345 kV Ckt 1	Build new 67-mile 345 kV line from Tuco to Amoco.
5	23SP	SPS	SPS	EDDY COUNTY INTERCHANGE (WH XHS70551) 230/115/13.2KV TRANSFORMER CKT 1	102.2	4.41%	EDDY COUNTY INTERCHANGE - SEVEN RIVERS INTERCHANGE 230KV CKT 1	Amoco - Tuco 345 kV Ckt 1	Build new 67-mile 345 kV line from Tuco to Amoco.
5	23SP 23WP	SPS	SPS	EDDY COUNTY INTERCHANGE (WH XHS70551) 230/115/13.2KV TRANSFORMER CKT 1	126.9	3.65%	EDDY COUNTY INTERCHANGE (UPDATE_LATER) 230/115/13.2KV TRANSFORMER CKT 2	Amoco - Tuco 345 kV Ckt 1	Build new 67-mile 345 kV line from Tuco to Amoco.
	23WP	SPS	SPS	EDDY COUNTY INTERCHANGE (WH XHS70551) 230/115/13.2KV TRANSFORMER CKT 1	102.6	4.66%	EDDY COUNTY INTERCHANGE - SEVEN RIVERS INTERCHANGE 230KV CKT 1	Amoco - Tuco 345 kV Ckt 1	Build new 67-mile 345 kV line from Tuco to Amoco.
<u>5</u>	18WP	SPS		Harrington Station East Bus - POTTER COUNTY INTERCHANGE 230KV CKT 1	100.9	44.57%	CHERRY1 - POTTER COUNTY INTERCHANGE 230KV	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades
5	23SP	SPS	SPS	CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1	120.5	7.94%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1	Build 15 miles of new 230 kV line from Carlisle to Wolfforth South and install necessary terminal equipment.
5	23SP	SPS	SPS	Hitchland Interchange (H TB80155502) 345/230/13.2KV TRANSFORMER CKT 1	103.9	9.21%	Hitchland Interchange (UPDATE DATA) 345/230/13.2KV TRANSFORMER CKT 2	Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2
J J	14WP	SPS	SPS	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	130.1	9.21% 4.31%	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Hitchland 230/115/13.2 kV Transformer Ckt 2	Build a second 230/115/13.2 kV transformer at Hitchland.
<u>5</u>	14WP			HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV	130.1	4.31%	SPP-SWPS-04	Hitchland 230/115/13.2 kV Transformer Ckt 2  Hitchland 230/115/13.2 kV Transformer Ckt 2	Build a second 230/115/13.2 kV transformer at Hitchland.  Build a second 230/115/13.2 kV transformer at Hitchland.
J E		SPS		TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV			Hitchland Interchange - POTTER COUNTY	Hitchland 230/115/13.2 kV Transformer Ckt 2  Hitchland 230/115/13.2 kV Transformer Ckt 2	Build a second 230/115/13.2 kV transformer at Hitchland.  Build a second 230/115/13.2 kV transformer at Hitchland.
<u>)</u>	14WP	SPS	SPS	TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV	120.0	4.31%	INTERCHANGE 345KV CKT 1		
5	14WP	SPS	SPS	TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV	117.7	3.86%	SPP-SWPS-K31  POTTER COUNTY INTERCHANGE (WAUK 90343-A)	Hitchland 230/115/13.2 kV Transformer Ckt 2	Build a second 230/115/13.2 kV transformer at Hitchland.
5	18SP	SPS	SPS	TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV	128.1	4.19%	345/230/13.2KV TRANSFORMER CKT 1 OCHILTREE (H TP80219401) 230/115/13.2KV	Hitchland 230/115/13.2 kV Transformer Ckt 2	Build a second 230/115/13.2 kV transformer at Hitchland.
5	18SP	SPS	SPS	TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV	125.9	4.18%	TRANSFORMER CKT 1	Hitchland 230/115/13.2 kV Transformer Ckt 2	Build a second 230/115/13.2 kV transformer at Hitchland.
5	18SP	SPS	SPS	TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV	125.6	4.18%	HITCHLAND INTERCHANGE - OCHILTREE 230KV CKT 1		Build a second 230/115/13.2 kV transformer at Hitchland.
<u>5</u>	18SP	SPS	SPS	TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV	121.2	4.19%	SPP-SWPS-04	Hitchland 230/115/13.2 kV Transformer Ckt 2	Build a second 230/115/13.2 kV transformer at Hitchland.
5	18SP	SPS	SPS	TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV	120.5	6.43%	SPP-SWPS-K31	Hitchland 230/115/13.2 kV Transformer Ckt 2	Build a second 230/115/13.2 kV transformer at Hitchland.
5	18SP	SPS	SPS	TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV	113.6	3.60%	BASE CASE POTTER COUNTY INTERCHANGE (WAUK 90343-A)	Hitchland 230/115/13.2 kV Transformer Ckt 2	Build a second 230/115/13.2 kV transformer at Hitchland.
	18WP	SPS	SPS	TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV	143.0	4.24%	345/230/13.2KV TRANSFORMER CKT 1	Hitchland 230/115/13.2 kV Transformer Ckt 2	Build a second 230/115/13.2 kV transformer at Hitchland.
5		SPS	SPS	TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV	135.8	4.24%	SPP-SWPS-04 Hitchland Interchange - POTTER COUNTY	Hitchland 230/115/13.2 kV Transformer Ckt 2	Build a second 230/115/13.2 kV transformer at Hitchland.
5 5	18WP			TRANSFORMER CKT 1	134.3	4.24%	INTERCHANGE 345KV CKT 1	Hitchland 230/115/13.2 kV Transformer Ckt 2	Build a second 230/115/13.2 kV transformer at Hitchland.
5 5 5	18WP 18WP	SPS	SPS	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV		1		Litabland 220/445/42 2 W/ Transformer Cld 2	•
5 5 5 5		SPS	SPS		131.5	3.77%	SPP-SWPS-K31	Hitchland 230/115/13.2 kV Transformer Ckt 2	Build a second 230/115/13.2 kV transformer at Hitchland.
5 5 5 5	18WP			HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	131.5 109.2	3.77%	SPP-SWPS-K31  SPP-SWPS-02A  OCHILTREE (H TP80219401) 230/115/13.2KV	Hitchland 230/115/13.2 kV Transformer Ckt 2  Hitchland 230/115/13.2 kV Transformer Ckt 2	Build a second 230/115/13.2 kV transformer at Hitchland.  Build a second 230/115/13.2 kV transformer at Hitchland.
5 5 5 5 5	18WP	SPS	SPS	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1			SPP-SWPS-02A		
5 5 5 5 5 5	18WP 18WP	SPS SPS	SPS SPS	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	109.2	3.48% 4.18%	SPP-SWPS-02A OCHILTREE (H TP80219401) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE - OCHILTREE 230KV CKT 1	Hitchland 230/115/13.2 kV Transformer Ckt 2	Build a second 230/115/13.2 kV transformer at Hitchland.
5 5 5 5 5 5	18WP 18WP 18WP 23SP	SPS SPS SPS	SPS SPS SPS SPS	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	109.2 152.1	3.48% 4.18%	SPP-SWPS-02A OCHILTREE (H TP80219401) 230/115/13.2KV TRANSFORMER CKT 1	Hitchland 230/115/13.2 kV Transformer Ckt 2  Hitchland 230/115/13.2 kV Transformer Ckt 2	Build a second 230/115/13.2 kV transformer at Hitchland.  Build a second 230/115/13.2 kV transformer at Hitchland.
5 5 5 5 5 5 5	18WP 18WP 18WP 23SP	SPS SPS SPS SPS	SPS SPS SPS SPS	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV	109.2 152.1 151.9	3.48% 4.18% 4.18%	SPP-SWPS-02A OCHILTREE (H TP80219401) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE - OCHILTREE 230KV CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	Hitchland 230/115/13.2 kV Transformer Ckt 2  Hitchland 230/115/13.2 kV Transformer Ckt 2  Hitchland 230/115/13.2 kV Transformer Ckt 2	Build a second 230/115/13.2 kV transformer at Hitchland.  Build a second 230/115/13.2 kV transformer at Hitchland.  Build a second 230/115/13.2 kV transformer at Hitchland.

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· ———	23SP	SPS	SPS	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV  TRANSFORMER CKT 1	123.2	4.00%	SPP-SWPS-02	Hitchland 230/115/13.2 kV Transformer Ckt 2	Build a second 230/115/13.2 kV transformer at Hitchland.
5	23SP	SPS	SPS	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV  TRANSFORMER CKT 1	118.7	3.60%	BASE CASE	Hitchland 230/115/13.2 kV Transformer Ckt 2	Build a second 230/115/13.2 kV transformer at Hitchland.
5	23SP	SPS	SPS	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV  TRANSFORMER CKT 1	117.3	3.60%	BEAVER COUNTY SUB - Tri County REC-Anthony Sub  Tap 115KV CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A)	Hitchland 230/115/13.2 kV Transformer Ckt 2	Build a second 230/115/13.2 kV transformer at Hitchland.
5	23WP	SPS	SPS	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV  TRANSFORMER CKT 1	141.2	4.17%	345/230/13.2KV TRANSFORMER CKT 1	Hitchland 230/115/13.2 kV Transformer Ckt 2	Build a second 230/115/13.2 kV transformer at Hitchland.
5	23WP	SPS	SPS	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV  TRANSFORMER CKT 1	133.8	4.17%	SPP-SWPS-04	Hitchland 230/115/13.2 kV Transformer Ckt 2	Build a second 230/115/13.2 kV transformer at Hitchland.
5	23WP	SPS	<del></del>	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	132.4	3.59%	OCHILTREE (H TP80219401) 230/115/13.2KV TRANSFORMER CKT 1	Hitchland 230/115/13.2 kV Transformer Ckt 2	Build a second 230/115/13.2 kV transformer at Hitchland.
5	23WP	SPS		HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	130.8	3.73%	SPP-SWPS-K31	Hitchland 230/115/13.2 kV Transformer Ckt 2	Build a second 230/115/13.2 kV transformer at Hitchland.
5	23WP	SPS	SPS	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	110.7	3.44%	SPP-SWPS-02A	Hitchland 230/115/13.2 kV Transformer Ckt 2	Build a second 230/115/13.2 kV transformer at Hitchland.
5	18SP	SPS	SPS	Hitchland Interchange (UPDATE DATA) 345/230/13.2KV TRANSFORMER CKT 2	101.4	9.23%	Hitchland Interchange (H TB80155502) 345/230/13.2KV TRANSFORMER CKT 1	Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2
5	23SP	SPS	SPS	Hitchland Interchange (UPDATE DATA) 345/230/13.2KV TRANSFORMER CKT 2	103.9	9.21%	Hitchland Interchange (H TB80155502) 345/230/13.2KV TRANSFORMER CKT 1	Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2
5	18SP	SPS	SPS	INDIANA SUB - STANTON SUB 115KV CKT 1	119.8	3.10%	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1	MULTI - Tuco-New Deal 345 kV	New 345/155kV transformer between Tuco and Stanton, Build new 345kV line between Tuco and high side of new transformer between Tuco and Stanton, Build new 115kV line between Stanton and low side of new transformer between Tuco
5	23SP	SPS	SPS	INDIANA SUB - STANTON SUB 115KV CKT 1	132.7	3.07%	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1	MULTI - Tuco-New Deal 345 kV	New 345/155kV transformer between Tuco and Stanton, Build new 345kV line between Tuco and high side of new transformer between Tuco and Stanton, Build new 115kV line between Stanton and low side of new transformer between Tuco
5	14WP	SPS	SPS	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	121.1	6.18%	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Rebuld 26.89 miles
5	14WP	SPS	SPS	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	115.5	7.20%	PLANT X STATION - SUNDOWN INTERCHANGE 230KV	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Rebuld 26.89 miles
5	14WP	SPS	SPS	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	105.0		CHAVESCO 345.00 - G13 013T 345.00 345KV CKT 1	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Rebuld 26.89 miles
								JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Rebuld 26.89 miles
5	14WP	SPS	SPS	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	101.2	5.75%	BASE CASE  CARLISLE INTERCHANGE - TUCO INTERCHANGE		
5	18SP	SPS	SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV	134.8	3.10%	230KV CKT 1	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1	Build 15 miles of new 230 kV line from Carlisle to Wolfforth South and install necessary terminal equipment.
5	23WP	SPS		TRANSFORMER CKT 1	123.0	6.44%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1 CARLISLE INTERCHANGE - TUCO INTERCHANGE	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1	Build 15 miles of new 230 kV line from Carlisle to Wolfforth South and install necessary terminal equipment.
5	18SP	SPS	SPS	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	148.7	35.01%	230KV CKT 1 PLANT X STATION - SUNDOWN INTERCHANGE 230KV	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Rebuld 26.89 miles
5	18SP	SPS	SPS	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	132.2	37.29%	CKT 1 CARLISLE INTERCHANGE - TUCO INTERCHANGE	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Rebuld 26.89 miles
5	23SP	SPS	SPS	INDIANA SUB - STANTON SUB 115KV CKT 1	132.7	3.07%	230KV CKT 1	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1	Build 15 miles of new 230 kV line from Carlisle to Wolfforth South and install necessary terminal equipment.
5	18SP	SPS	SPS	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	125.0	33.39%	GEN527903 1-HOBBS PLANT #3 (ST)	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Rebuld 26.89 miles
5	18SP	SPS	SPS	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	121.7	33.39%	BASE CASE	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Rebuld 26.89 miles
5	18SP	SPS	SPS	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	116.2	33.74%	SPP-SWPS-V15	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Rebuld 26.89 miles
5	18SP	SPS	SPS	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	113.4	33.16%	SPP-AEPW-32	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Rebuld 26.89 miles
5	18SP	SPS	SPS	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	113.3	33.37%	SPP-SWPS-05	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Rebuld 26.89 miles
5	18SP	SPS	SPS	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	109.6	33.39%	Higg Switch Station - RUSSELL OIL FIELD SUB 115KV CKT 1 CARLISLE INTERCHANGE - TUCO INTERCHANGE	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Rebuld 26.89 miles
5	23SP	SPS	SPS	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	152.5	35.05%	230KV CKT 1	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Rebuld 26.89 miles
5	23SP	SPS	SPS	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	128.4	37.36%	PLANT X STATION - SUNDOWN INTERCHANGE 230KV CKT 1	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Rebuld 26.89 miles
5	23SP	SPS	SPS	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	122.7	34.11%	CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Rebuld 26.89 miles
5	23SP	SPS	SPS	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	120.4	33.46%	BASE CASE	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Rebuld 26.89 miles
5	23SP	SPS	SPS	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	115.5	33.80%	SPP-SWPS-V15	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Rebuld 26.89 miles
5	23SP	SPS	SPS	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	112.4	33.63%	SPP-SWPS-K37	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Rebuld 26.89 miles
5	23SP	SPS	SPS	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	112.0	33.44%	SPP-SWPS-05	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Rebuld 26.89 miles
5	23SP	SPS	SPS	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	110.6	33.46%	SPEARMAN INTERCHANGE (MLNY P650184) 115/69/13.2KV TRANSFORMER CKT 1	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Rebuld 26.89 miles
5	18SP	SPS	SPS	INDIANA SUB - STANTON SUB 115KV CKT 1	119.8	3.10%	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1	Build 15 miles of new 230 kV line from Carlisle to Wolfforth South and install necessary terminal equipment.
5	23WP	SPS	SPS	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	137.6	27.19%	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Rebuld 26.89 miles
<u>5</u>	23WP	SPS		JONES STATION - TUCO INTERCHANGE 230KV CKT 1	130.6	29.25%	PLANT X STATION - SUNDOWN INTERCHANGE 230KV	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Rebuld 26.89 miles
<u>5</u>	23WP	SPS	SPS	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	118.6	26.80%	TOLK STATION WEST - YOAKUM COUNTY INTERCHANGE 230KV CKT 1	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Rebuld 26.89 miles
	23WP	SPS			115.9	25.81%		JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Rebuld 26.89 miles
			SPS	JONES STATION - TUCO INTERCHANGE 230KV CKT 1			BASE CASE		Rebuld 26.89 miles
5	23WP	SPS		JONES STATION - TUCO INTERCHANGE 230KV CKT 1	111.6	26.11%	SPP-SWPS-V15	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	
5	23WP	SPS	SPS	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	109.2	25.58%	SPP-SWPS-T71	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Rebuld 26.89 miles
5	23WP	SPS		JONES STATION - TUCO INTERCHANGE 230KV CKT 1	108.7	25.64%	SPP-AEPW-32 BIG COUNTRY REC-FLUVANNA - BIG COUNTRY REC-	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Rebuld 26.89 miles
5	23WP	SPS	SPS	JONES STATION - TUCO INTERCHANGE 230KV CKT 1 CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV	104.8	25.81%		.aaa aa .aa	<b>—</b>
5	18SP	SPS	SPS		Į .		JUSTICEBURG TAP 69KV CKT 1	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Rebuld 26.89 miles
5	23SP			TRANSFORMER CKT 1	112.9	7.95%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1	Build 15 miles of new 230 kV line from Carlisle to Wolfforth South and install necessary terminal equipment.
5	1000	SPS	SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE	102.1	7.95% 5.00%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1  JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1  Amoco - Tuco 345 kV Ckt 1	Build 15 miles of new 230 kV line from Carlisle to Wolfforth South and install necessary terminal equipment.  Build new 67-mile 345 kV line from Tuco to Amoco.
5	18SP	SPS	SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1		7.95% 5.00%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1	Build 15 miles of new 230 kV line from Carlisle to Wolfforth South and install necessary terminal equipment.
	23SP		SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1	102.1	7.95% 5.00% 15.43%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1  JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1  Amoco - Tuco 345 kV Ckt 1	Build 15 miles of new 230 kV line from Carlisle to Wolfforth South and install necessary terminal equipment.  Build new 67-mile 345 kV line from Tuco to Amoco.
5		SPS	SPS SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1	102.1 120.2	7.95% 5.00% 15.43% 15.24%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1  JONES STATION - TUCO INTERCHANGE 230KV CKT 1  JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1  Amoco - Tuco 345 kV Ckt 1  Amoco - Tuco 345 kV Ckt 1	Build 15 miles of new 230 kV line from Carlisle to Wolfforth South and install necessary terminal equipment.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.
5 5	23SP	SPS SPS	SPS SPS SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE	102.1 120.2 117.9	7.95% 5.00% 15.43% 15.24%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1  Amoco - Tuco 345 kV Ckt 1  Amoco - Tuco 345 kV Ckt 1  Amoco - Tuco 345 kV Ckt 1	Build 15 miles of new 230 kV line from Carlisle to Wolfforth South and install necessary terminal equipment.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.
5 5 5	23SP 23WP	SPS SPS SPS	SPS SPS SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1 STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1	102.1 120.2 117.9 108.9	7.95% 5.00% 15.43% 15.24% 11.94%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1  Amoco - Tuco 345 kV Ckt 1	Build 15 miles of new 230 kV line from Carlisle to Wolfforth South and install necessary terminal equipment.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.
5 5 5 5	23SP 23WP 23SP	SPS SPS SPS SPS	SPS SPS SPS SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1  STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1 PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1	102.1 120.2 117.9 108.9 151.0	7.95% 5.00% 15.43% 15.24% 11.94% 3.07%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1  JONES STATION - TUCO INTERCHANGE 230KV CKT 1  SPP-SWPS-K37	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1  Amoco - Tuco 345 kV Ckt 1	Build 15 miles of new 230 kV line from Carlisle to Wolfforth South and install necessary terminal equipment.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.
5 5 5 5	23SP 23WP 23SP 23SP	SPS SPS SPS SPS	SPS SPS SPS SPS SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1  STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1 PLANT X STATION (WH ALM20171) 230/115/13.2KV	102.1 120.2 117.9 108.9 151.0	7.95% 5.00% 15.43% 15.24% 11.94% 3.07% 7.94%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1  JONES STATION - TUCO INTERCHANGE 230KV CKT 1  SPP-SWPS-K37  LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1  Amoco - Tuco 345 kV Ckt 1	Build 15 miles of new 230 kV line from Carlisle to Wolfforth South and install necessary terminal equipment.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.
5 5 5 5 5	23SP 23WP 23SP 23SP 23SP	SPS SPS SPS SPS SPS SPS	SPS SPS SPS SPS SPS SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1  STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1 PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1 PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1 STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	102.1 120.2 117.9 108.9 151.0 120.5	7.95% 5.00% 15.43% 15.24% 11.94% 3.07% 7.94% 10.68%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1  JONES STATION - TUCO INTERCHANGE 230KV CKT 1  SPP-SWPS-K37  LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1  Amoco - Tuco 345 kV Ckt 1	Build 15 miles of new 230 kV line from Carlisle to Wolfforth South and install necessary terminal equipment.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.
5 5 5 5 5 5	23SP 23WP 23SP 23SP 23SP 23SP	SPS SPS SPS SPS SPS SPS	SPS SPS SPS SPS SPS SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1  STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1 PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1  PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1  STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	102.1 120.2 117.9 108.9 151.0 120.5 102.2	7.95% 5.00% 15.43% 15.24% 11.94% 3.07% 7.94% 10.68%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1  JONES STATION - TUCO INTERCHANGE 230KV CKT 1  SPP-SWPS-K37  LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1  Amoco - Tuco 345 kV Ckt 1	Build 15 miles of new 230 kV line from Carlisle to Wolfforth South and install necessary terminal equipment.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.
5 5 5 5 5 5	23SP 23SP 23SP 23SP 23SP 23SP 18SP	SPS SPS SPS SPS SPS SPS SPS SPS	SPS SPS SPS SPS SPS SPS SPS SPS SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1  STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1 PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1 PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1  STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1	102.1 120.2 117.9 108.9 151.0 120.5 102.2 102.1	7.95% 5.00% 15.43% 15.24% 11.94% 3.07% 7.94% 10.68% 10.68% 3.10%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1  JONES STATION - TUCO INTERCHANGE 230KV CKT 1  SPP-SWPS-K37  LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1  BORDER 7345.00 - WOODWARD DISTRICT EHV	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1  Amoco - Tuco 345 kV Ckt 1	Build 15 miles of new 230 kV line from Carlisle to Wolfforth South and install necessary terminal equipment.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades  Build new 67-mile 345 kV line from Tuco to Amoco.
5 5 5 5 5 5 5	23SP 23SP 23SP 23SP 23SP 23SP 18SP	SPS SPS SPS SPS SPS SPS SPS SPS	SPS SPS SPS SPS SPS SPS SPS SPS SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1  STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1 PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1  PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1  STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	102.1 120.2 117.9 108.9 151.0 120.5 102.2 102.1 134.8	7.95% 5.00% 15.43% 15.24% 11.94% 3.07% 7.94% 10.68% 10.68% 4.31%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1  JONES STATION - TUCO INTERCHANGE 230KV CKT 1  SPP-SWPS-K37  LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  JONES STATION - TUCO INTERCHANGE 230KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1  Amoco - Tuco 345 kV Ckt 1	Build 15 miles of new 230 kV line from Carlisle to Wolfforth South and install necessary terminal equipment.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades  Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades
5 5 5 5 5 5 5	23SP 23SP 23SP 23SP 23SP 23SP 18SP 14WP 23WP	SPS	SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1  STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1 PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1 PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1  STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	102.1 120.2 117.9 108.9 151.0 120.5 102.2 102.1 134.8 107.9	7.95% 5.00% 15.43% 15.24% 11.94% 3.07% 7.94% 10.68% 3.10% 4.31% 6.44%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1  JONES STATION - TUCO INTERCHANGE 230KV CKT 1  SPP-SWPS-K37  LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1  Amoco - Tuco 345 kV Ckt 1  Potter to Tolk 345 kV Ckt 1	Build 15 miles of new 230 kV line from Carlisle to Wolfforth South and install necessary terminal equipment.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades
5 5 5 5 5 5 5 5	23SP 23SP 23SP 23SP 23SP 23SP 18SP 14WP 23WP	SPS	SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1  STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1 PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1 PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1  STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	102.1 120.2 117.9 108.9 151.0 120.5 102.2 102.1 134.8 107.9 123.0 107.8	7.95% 5.00% 15.43% 15.24% 11.94% 3.07% 7.94% 10.68% 10.68% 4.31% 6.44% 4.31%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1  JONES STATION - TUCO INTERCHANGE 230KV CKT 1  SPP-SWPS-K37  LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  JONES STATION - TUCO INTERCHANGE 230KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1  Amoco - Tuco 345 kV Ckt 1  Potter to Tolk 345 kV  Amoco - Tuco 345 kV Ckt 1	Build 15 miles of new 230 kV line from Carlisle to Wolfforth South and install necessary terminal equipment.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades  Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades  Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades  Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades  Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades
5 5 5 5 5 5 5 5 5	23SP 23SP 23SP 23SP 23SP 23SP 18SP 14WP 23WP 14WP	SPS	SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1  STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1 PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1  PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1  STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A)	102.1 120.2 117.9 108.9 151.0 120.5 102.2 102.1 134.8 107.9 123.0 107.8 105.8	7.95% 5.00% 15.43% 15.24% 11.94% 3.07% 7.94% 10.68% 10.68% 4.31% 6.44% 4.31% 8.61%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1  JONES STATION - TUCO INTERCHANGE 230KV CKT 1  SPP-SWPS-K37  LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  JONES STATION - TUCO INTERCHANGE 230KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1  Amoco - Tuco 345 kV Ckt 1  Potter to Tolk 345 kV  Amoco - Tuco 345 kV Ckt 1	Build 15 miles of new 230 kV line from Carlisle to Wolfforth South and install necessary terminal equipment.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades
5 5 5 5 5 5 5 5 5	23SP 23SP 23SP 23SP 23SP 23SP 18SP 14WP 14WP 14WP	SPS	SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1  STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1 PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1 PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1  STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	102.1 120.2 117.9 108.9 151.0 120.5 102.2 102.1 134.8 107.9 123.0 107.8 105.8 104.3	7.95% 5.00% 15.43% 15.24% 11.94% 3.07% 7.94% 10.68% 3.10% 4.31% 6.44% 4.31% 8.61% 8.58%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1  JONES STATION - TUCO INTERCHANGE 230KV CKT 1  SPP-SWPS-K37  LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  JONES STATION - TUCO INTERCHANGE 230KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  CARLISLE INTERCHANGE - TUCO INTERCHANGE	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1  Amoco - Tuco 345 kV Ckt 1  Potter to Tolk 345 kV  Amoco - Tuco 345 kV Ckt 1  Potter to Tolk 345 kV  Potter to Tolk 345 kV	Build 15 miles of new 230 kV line from Carlisle to Wolfforth South and install necessary terminal equipment.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades  Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades  Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades  Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades  Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades
5 5 5 5 5 5 5 5 5	23SP 23SP 23SP 23SP 23SP 23SP 18SP 14WP 14WP 14WP 14WP 23SP	SPS	SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1 LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1  STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1 PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1 PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1  PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1  STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  INDIANA SUB - STANTON SUB 115KV CKT 1  INDIANA SUB - STANTON SUB 115KV CKT 1	102.1 120.2 117.9 108.9 151.0 120.5 102.2 102.1 134.8 107.9 123.0 107.8 105.8 104.3 132.7	7.95% 5.00% 15.43% 15.24% 11.94% 3.07% 7.94% 10.68% 10.68% 4.31% 6.44% 4.31% 8.61% 8.58% 3.07%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1  JONES STATION - TUCO INTERCHANGE 230KV CKT 1  SPP-SWPS-K37  LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  JONES STATION - TUCO INTERCHANGE 230KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1  HITCHLAND INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1  Amoco - Tuco 345 kV Ckt 1  Potter to Tolk 345 kV Ckt 1  Potter to Tolk 345 kV  Potter to Tolk 345 kV  Potter to Tolk 345 kV  Amoco - Tuco 345 kV Ckt 1	Build 15 miles of new 230 kV line from Carlisle to Wolfforth South and install necessary terminal equipment.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades  Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades  Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades  Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades  Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades
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Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades Build 111 mile 345 kV line from Potter to Tolk. 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Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades  Build 111 mile 345 kV line from Potter to Tolk. 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5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	23SP 23SP 23SP 23SP 23SP 23SP 23SP 18SP 14WP 23WP 14WP 14WP 14WP 14WP 14WP 14WP 18WP 18SP 18SP 18SP 18SP 18SP 18WP 18WP	SPS	SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1  LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1  LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1  LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1  STANTON SUB - TUCO INTERCHANGE 115KV CKT 1  CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1  PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1  PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1  PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1  STANTON SUB - TUCO INTERCHANGE 115KV CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV T	102.1 120.2 117.9 108.9 151.0 120.5 102.2 102.1 134.8 107.9 123.0 107.8 105.8 104.3 132.7 108.8 104.9 103.4 119.1 117.9 113.4 105.8 105.6	7.95% 5.00% 15.43% 15.24% 11.94% 3.07% 7.94% 10.68% 10.68% 4.31% 6.44% 4.31% 8.61% 8.58% 3.07% 5.50% 4.26% 4.14% 8.64% 8.62% 7.97% 8.90%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1  SPP-SWPS-K37  LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  JONES STATION - TUCO INTERCHANGE 230KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-WS-K31  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-O2A  SPP-SWPS-O2A	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1  Amoco - Tuco 345 kV Ckt 1  Potter to Tolk 345 kV  Amoco - Tuco 345 kV Ckt 1  Potter to Tolk 345 kV	Build 15 miles of new 230 kV line from Carlisle to Wolfforth South and install necessary terminal equipment.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades Build 111 mile 345 kV line from Potter to Tolk. 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5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	23SP 23SP 23SP 23SP 23SP 23SP 18SP 14WP 23WP 14WP 14WP 14WP 14WP 14WP 14WP 14WP 18SP 18SP 18SP 18SP 18SP 18WP 18WP 18WP	SPS	SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1  LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1  LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1  LUBBOCK EAST INTERCHANGE - TUCO INTERCHANGE 115KV CKT 1  STANTON SUB - TUCO INTERCHANGE 115KV CKT 1  CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1  PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1  PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1  PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1  STANTON SUB - TUCO INTERCHANGE 115KV CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFO	102.1 120.2 117.9 108.9 151.0 120.5 102.2 102.1 134.8 107.9 123.0 107.8 105.8 104.3 132.7 108.8 104.9 103.4 119.1 117.9 113.4 105.8 105.6 104.6	7.95% 5.00% 15.43% 15.24% 11.94% 3.07% 7.94% 10.68% 3.10% 4.31% 6.44% 4.31% 8.61% 8.58% 3.07% 5.50% 4.26% 4.14% 8.64% 8.62% 7.97% 8.90% 8.90%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1  JONES STATION - TUCO INTERCHANGE 230KV CKT 1  SPP-SWPS-K37  LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  JONES STATION - TUCO INTERCHANGE 230KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE - TICO INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-WS-K31  HITCHLAND INTERCHANGE - TICOUNTY INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-O2A  SPP-SWPS-O2A  SPP-SWPS-O2A	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1  Amoco - Tuco 345 kV Ckt 1  Potter to Tolk 345 kV  Amoco - Tuco 345 kV Ckt 1  Potter to Tolk 345 kV  Potter to Tolk 345 kV	Build 15 miles of new 230 kV line from Carlisle to Wolfforth South and install necessary terminal equipment.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build new 67-mile 345 kV line from Tuco to Amoco.  Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades Build 111 mile 345 kV line from Potter to Tolk. 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				POTTER COUNTY INTERCHANGE (WAUK 90343-A)		Ī	HITCHLAND INTERCHANGE - MOORE COUNTY		Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	114.6	8.48%	INTERCHANGE 230KV CKT 1	Potter to Tolk 345 kV	Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	113.2	8.46%	SPP-SWPS-K31	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	109.4	7.82%	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades
				POTTER COUNTY INTERCHANGE (WAUK 90343-A)				Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.9	8.79%	SPP-SWPS-02A	Potter to Tolk 345 KV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	104.7	8.79%	SPP-SWPS-02	Potter to Tolk 345 kV	Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.5	7.11%	TEXAS COUNTY INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades
3	2500			POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.5	7.1170	Willing Sub 113KV CK1 1		Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	100.1	7.11%	LACYGNE - NEOSHO 345KV CKT 1	Potter to Tolk 345 kV	Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades
5	18SP	SPS	SPS	INDIANA SUB - STANTON SUB 115KV CKT 1	119.8	3.10%	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1	Amoco - Tuco 345 kV Ckt 1	Build new 67-mile 345 kV line from Tuco to Amoco.
5	18SP	SPS	SPS	CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1	112.9	7.95%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Amoco - Tuco 345 kV Ckt 1	Build new 67-mile 345 kV line from Tuco to Amoco.
F	23SP	SPS	SPS	STANTON SUB-TUCO INTERCUANCE 1150/ OVT 1	102.1	5.00%	IONICS STATION. THEO INTERCHANCE 220K/ CKT 1	Indiana - SP Erskine 115 kV Ckt 1 Accelerate	Reconductor 4 miles from Indiana to SP-Erskine.
5	235P	323	323	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	102.1	5.00%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE	Illulatia - SF Etskille 113 kV Ckt i Acceletate	New 345/155kV transformer between Tuco and Stanton, Build new 345kV line between Tuco and high side of new
5	18SP	SPS	SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	134.8	3.10%	230KV CKT 1	MULTI - Tuco-New Deal 345 kV	transformer between Tuco and Stanton, Build new 115kV line between Stanton and low side of new transformer between Tuco
5	23SP	SPS	SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	151.0	3.07%	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1	MULTI - Tuco-New Deal 345 kV	New 345/155kV transformer between Tuco and Stanton, Build new 345kV line between Tuco and high side of new transformer between Tuco and Stanton, Build new 115kV line between Stanton and low side of new transformer between Tuco
									New 345/155kV transformer between Tuco and Stanton, Build new 345kV line between Tuco and high side of new
5	23SP	SPS	SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	102.1	5.00%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE	MULTI - Tuco-New Deal 345 kV	transformer between Tuco and Stanton, Build new 115kV line between Stanton and low side of new transformer between Tuc
5	23SP	SPS	SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	151.0	3.07%	230KV CKT 1	Indiana - SP Erskine 115 kV Ckt 1 Accelerate	Reconductor 4 miles from Indiana to SP-Erskine.
5	23SP	SPS	SPS	TUCO INTERCHANGE (ENRCO 136401) 230/115/13.2KV TRANSFORMER CKT 2	119.8	8.05%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Amoco - Tuco 345 kV Ckt 1	Build new 67-mile 345 kV line from Tuco to Amoco.
5	18SP	SPS	SPS	TUCO INTERCHANGE (GE M102345) 230/115/13.2KV TRANSFORMER CKT 1	110.9	8.49%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Amoco - Tuco 345 kV Ckt 1	Build new 67-mile 345 kV line from Tuco to Amoco.
				TUCO INTERCHANGE (GE M102345) 230/115/13.2KV					
5	23SP	SPS	SPS	TRANSFORMER CKT 1 TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV	125.1	8.41%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1 TUCO INTERCHANGE (UPDATE DATA) 345/230/13.2KV	Amoco - Tuco 345 kV Ckt 1	Build new 67-mile 345 kV line from Tuco to Amoco.
5	18SP	SPS	SPS	TRANSFORMER CKT 1	142.7	6.35%	TRANSFORMER CKT 2	Amoco - Tuco 345 kV Ckt 1	Build new 67-mile 345 kV line from Tuco to Amoco.
5	23SP	SPS	SPS	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1	146.6	6.33%	TUCO INTERCHANGE (UPDATE DATA) 345/230/13.2KV TRANSFORMER CKT 2	Amoco - Tuco 345 kV Ckt 1	Build new 67-mile 345 kV line from Tuco to Amoco.
5	23SP	SPS	SPS	CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1	120.5		JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Indiana - SP Erskine 115 kV Ckt 1 Accelerate	Reconductor 4 miles from Indiana to SP-Erskine.
3				TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV			TUCO INTERCHANGE (UPDATE DATA) 345/230/13.2KV		
5	23WP	SPS	SPS	TRANSFORMER CKT 1 TUCO INTERCHANGE (UPDATE DATA) 345/230/13.2KV	144.9	4.87%	TRANSFORMER CKT 2 TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV	Amoco - Tuco 345 kV Ckt 1	Build new 67-mile 345 kV line from Tuco to Amoco.
5	18SP	SPS	SPS	TRANSFORMER CKT 2	139.9	6.20%	TRANSFORMER CKT 1	Amoco - Tuco 345 kV Ckt 1	Build new 67-mile 345 kV line from Tuco to Amoco.
5	23SP	SPS	SPS	TUCO INTERCHANGE (UPDATE DATA) 345/230/13.2KV TRANSFORMER CKT 2	143.8	6.18%	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1	Amoco - Tuco 345 kV Ckt 1	Build new 67-mile 345 kV line from Tuco to Amoco.
_	2214/5	000	SPS	TUCO INTERCHANGE (UPDATE DATA) 345/230/13.2KV	140.0	4.700/	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV	Amoco - Tuco 345 kV Ckt 1	Build new 67-mile 345 kV line from Tuco to Amoco.
5	23WP	SPS	323	TRANSFORMER CKT 2	142.2	4.76%	TRANSFORMER CKT 1 CARLISLE INTERCHANGE - TUCO INTERCHANGE	ATTIOCO - TUCO 343 KV CKLT	Build New 67-Mile 343 KV line Hom Tuco to Amoco.
5	18SP	SPS	SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1 CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV	134.8	3.10%	230KV CKT 1	Indiana - SP Erskine 115 kV Ckt 1 Accelerate	Reconductor 4 miles from Indiana to SP-Erskine.
5	23WP	SPS	SPS	TRANSFORMER CKT 1	123.0	6.44%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Indiana - SP Erskine 115 kV Ckt 1 Accelerate	Reconductor 4 miles from Indiana to SP-Erskine.
E	23SP	SPS	SPS	INDIANA SUB - STANTON SUB 115KV CKT 1	132.7	3.07%	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1	Indiana - SP Erskine 115 kV Ckt 1 Accelerate	Reconductor 4 miles from Indiana to SP-Erskine.
5	235P	373	323	INDIANA SUB - STANTON SUB TISKV CRT I	132.7	3.07%	CARLISLE INTERCHANGE - TUCO INTERCHANGE	Indiana - OF LISHING 113 NV ON 1 Accelerate	Recordactor 4 miles from indiana to 31 -Liskine.
5	18SP	SPS	SPS	INDIANA SUB - STANTON SUB 115KV CKT 1	119.8	3.10%	230KV CKT 1	Indiana - SP Erskine 115 kV Ckt 1 Accelerate	Reconductor 4 miles from Indiana to SP-Erskine.
5	18SP	SPS	SPS	CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1	112.9	7.95%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Indiana - SP Erskine 115 kV Ckt 1 Accelerate	Reconductor 4 miles from Indiana to SP-Erskine.
_	0000	000	SPS		100.1	F 000/	IONES STATION. THOS INTERCUANCE SOSIOLOGT A	Indiana - Stanton 115 kV Ckt 1	December 4.5 miles line from Indiana to Stanton
5	23SP	SPS	SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	102.1	5.00%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE	Indiana - Stanton 115 KV CKt 1	Reconductor 1.5 miles line from Indiana to Stanton.
5	23SP	SPS	SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	151.0	3.07%	230KV CKT 1	Indiana - Stanton 115 kV Ckt 1	Reconductor 1.5 miles line from Indiana to Stanton.
5	23SP	SPS	SPS	CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1	120.5	7.94%		Indiana - Stanton 115 kV Ckt 1	Reconductor 1.5 miles line from Indiana to Stanton.
5	18SP	SPS	SPS	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	134.8	3.10%	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1	Indiana - Stanton 115 kV Ckt 1	Reconductor 1.5 miles line from Indiana to Stanton.
-	0014/5	000	000	CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV	100.0	0.4407	IONICO CTATIONA THOO INTERCHANCE COOLS COTA	Indiana - Stanton 115 kV Ckt 1	Reconductor 1.5 miles line from Indiana to Stanton.
5	23WP	SPS	SPS	TRANSFORMER CKT 1	123.0	0.44%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1  CARLISLE INTERCHANGE - TUCO INTERCHANGE	IIIUIAIIA - SIAIIIUII I I B KV UKI I	Reconductor 1.5 times line from Indiana to Stanton.
5	23SP	SPS	SPS	INDIANA SUB - STANTON SUB 115KV CKT 1	132.7	3.07%	230KV CKT 1 CARLISLE INTERCHANGE - TUCO INTERCHANGE	Indiana - Stanton 115 kV Ckt 1	Reconductor 1.5 miles line from Indiana to Stanton.
5	18SP	SPS	SPS	INDIANA SUB - STANTON SUB 115KV CKT 1	119.8	3.10%	230KV CKT 1	Indiana - Stanton 115 kV Ckt 1	Reconductor 1.5 miles line from Indiana to Stanton.
5	18SP	SPS	SPS	CARLISLE INTERCHANGE (WH XHS70711) 230/115/13.2KV TRANSFORMER CKT 1	112.9	7.95%	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Indiana - Stanton 115 kV Ckt 1	Reconductor 1.5 miles line from Indiana to Stanton.
				Hitchland Interchange (UPDATE DATA) 345/230/13.2KV			Hitchland Interchange (H TB80155502) 345/230/13.2KV		Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South
5	18SP	SPS	SPS	TRANSFORMER CKT 2 Hitchland Interchange (UPDATE DATA) 345/230/13.2KV	101.4	9.23%	TRANSFORMER CKT 1 Hitchland Interchange (H TB80155502) 345/230/13.2KV	Potter to Tolk 345 kV	Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades  Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South
1 5	23SP	SPS	SPS	TRANSFORMER CKT 2	103.9	9.21%	TRANSFORMER CKT 1	Potter to Tolk 345 kV	Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades
5	200.			Hitchland Interchange (H TB80155502) 345/230/13.2KV			Hitchland Interchange (UPDATE DATA) 345/230/13.2KV		Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South

5	18SP	SPS	SPS	Hitchland Interchange (UPDATE DATA) 345/230/13.2KV TRANSFORMER CKT 2	101.4	9.23%	Hitchland Interchange (H TB80155502) 345/230/13.2KV TRANSFORMER CKT 1	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Te
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	117.9	8.62%	SPP-SWPS-K31	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
	23WP		SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A)	113.2			Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5		SPS		345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)		8.46%	SPP-SWPS-K31 TEXAS COUNTY INTERCHANGE - Tri County REC-		
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.6	7.24%	Whiting Sub 115KV CKT 1	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.3	7.24%	LACYGNE - NEOSHO 345KV CKT 1	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 Harrington Station East Bus - POTTER COUNTY INTERCHANGE	103.6	7.24%	BASE CASE CHERRY1 - POTTER COUNTY INTERCHANGE 230KV	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	18WP	SPS	SPS	230KV CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.9	44.57%	CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	23SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	101.8	5.50%	INTERCHANGE 230KV CKT 1	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	114.6	8.48%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	119.1	8.64%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.5	7.11%	TEXAS COUNTY INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.1	7.11%	LACYGNE - NEOSHO 345KV CKT 1	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
				POTTER COUNTY INTERCHANGE (WAUK 90343-A)				•	
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.9	8.79%	SPP-SWPS-02A	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.7	8.79%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301)	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	109.4	7.82%	230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301)	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	113.4	7.97%	230/115/13.2KV TRANSFORMER CKT 1	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	105.8	8.90%	SPP-SWPS-02A	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	107.9	4.31%	BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	107.8	4.31%	BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	105.8	8.61%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.3	8.58%	SPP-SWPS-K31	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	18SP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.3	5.50%	HITCHLAND INTERCHANGE - MOORE COUNTY	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
ວ -				345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)			INTERCHANGE 230KV CKT 1	•	
5	18SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.9	4.26%	SPP-SWPS-K31 HITCHLAND INTERCHANGE (H TP80148301)	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	18SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	103.4	4.14%	230/115/13.2KV TRANSFORMER CKT 1	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	105.6	8.90%	SPP-SWPS-02	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	117.9	8.62%	SPP-SWPS-K31	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	113.2	8.46%	SPP-SWPS-K31	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.6	7.24%	TEXAS COUNTY INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.3	7.24%	LACYGNE - NEOSHO 345KV CKT 1	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	103.6	7.24%	BASE CASE	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
<u> </u>	18WP	SPS		Harrington Station East Bus - POTTER COUNTY INTERCHANGE 230KV CKT 1	100.9	44.57%	CHERRY1 - POTTER COUNTY INTERCHANGE 230KV	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5				POTTER COUNTY INTERCHANGE (WAUK 90343-A)			HITCHLAND INTERCHANGE - MOORE COUNTY	•	
5	23SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	101.8	5.50%	INTERCHANGE 230KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	114.6	8.48%	INTERCHANGE 230KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	119.1	8.64%	INTERCHANGE 230KV CKT 1 TEXAS COUNTY INTERCHANGE - Tri County REC-	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.5	7.11%	Whiting Sub 115KV CKT 1	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.1	7.11%	LACYGNE - NEOSHO 345KV CKT 1	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORNER CKT 1	104.9	8.79%	SPP-SWPS-02A	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.7	8.79%	SPP-SWPS-02	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	109.4	7.82%	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	113.4	7.97%	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	105.8	8.90%	SPP-SWPS-02A	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	107.9	4.31%	BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5				POTTER COUNTY INTERCHANGE (WAUK 90343-A)				•	
5	14WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	107.8	4.31%	BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	14WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	105.8	8.61%	INTERCHANGE 230KV CKT 1	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	14WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.3	8.58%	SPP-SWPS-K31 HITCHLAND INTERCHANGE - MOORE COUNTY	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	18SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	108.8	5.50%	INTERCHANGE 230KV CKT 1	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	18SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.9	4.26%	SPP-SWPS-K31 HITCHLAND INTERCHANGE (H TP80148301)	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	18SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	103.4	4.14%	230/115/13.2KV TRANSFORMER CKT 1	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	105.6	8.90%	SPP-SWPS-02	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	117.9	8.62%	SPP-SWPS-K31	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	113.2	8.46%	SPP-SWPS-K31	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.6	7.24%	TEXAS COUNTY INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.3	7.24%	LACYGNE - NEOSHO 345KV CKT 1	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	18WP		SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A)				Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).  Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
<u>J</u>		SPS		345/230/13.2KV TRANSFORMER CKT 1 Harrington Station East Bus - POTTER COUNTY INTERCHANGE	103.6	7.24%	BASE CASE  CHERRY1 - POTTER COUNTY INTERCHANGE 230KV	,	
5	18WP	SPS	SPS	230KV CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.9	44.57%	CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	23SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	101.8	5.50%	INTERCHANGE 230KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	114.6	8.48%	INTERCHANGE 230KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	119.1	8.64%	INTERCHANGE 230KV CKT 1 TEXAS COUNTY INTERCHANGE - Tri County REC-	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.5	7.11%	Whiting Sub 115KV CKT 1	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	100.1	7.11%	LACYGNE - NEOSHO 345KV CKT 1	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.9	8.79%	SPP-SWPS-02A	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.7	8.79%	SPP-SWPS-02	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	109.4	7.82%	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5		SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	113.4	7.97%	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5				POTTER COUNTY INTERCHANGE (WAUK 90343-A)				Elk City to Gracemont 345kV OKGE	
5	18WP		~~~	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	105.8	8.90%	SPP-SWPS-02A  BORDER 7345.00 - WOODWARD DISTRICT EHV	,	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5 5 5	18WP	SPS	SPS	•	107.9	4.31%	345KV CKT 1	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5 5 5	18WP	SPS SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	107.9				
5 5 5 5	18WP	SPS		POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	107.8	4.31%	BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5 5 5 5 5	18WP 18WP	SPS SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1		4.31% 8.61%	BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Elk City to Gracemont 345kV OKGE  Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).  Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5 5 5 5 5 5	18WP 18WP 14WP	SPS SPS SPS	SPS SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	107.8		HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31	•	
5 5 5 5 5 5	18WP 18WP 14WP 14WP	SPS SPS SPS SPS	SPS SPS SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	107.8 105.8	8.61%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5 5 5 5 5 5 5	18WP 18WP 14WP 14WP 14WP	SPS SPS SPS SPS	SPS SPS SPS SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	107.8 105.8 104.3	8.61% 8.58%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE - MOORE COUNTY	Elk City to Gracemont 345kV OKGE  Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).  Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).

	1 1	I		DOTTED COLINITY INTERCHANCE (MALIK 00242 A)			1		
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	105.6	8.90%	SPP-SWPS-02	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	117.9	8.62%	SPP-SWPS-K31	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
				POTTER COUNTY INTERCHANGE (WAUK 90343-A)				Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	113.2	8.46%	SPP-SWPS-K31 TEXAS COUNTY INTERCHANGE - Tri County REC-	•	
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.6	7.24%	Whiting Sub 115KV CKT 1	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.3	7.24%	LACYGNE - NEOSHO 345KV CKT 1	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	103.6	7.24%	BASE CASE	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5	18WP	SPS	SPS	Harrington Station East Bus - POTTER COUNTY INTERCHANGE 230KV CKT 1	100.9	44.57%	CHERRY1 - POTTER COUNTY INTERCHANGE 230KV CKT 1	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5	23SP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	101.8	5.50%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
3				POTTER COUNTY INTERCHANGE (WAUK 90343-A)			HITCHLAND INTERCHANGE - MOORE COUNTY	•	
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	114.6	8.48%	INTERCHANGE 230KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	119.1	8.64%	INTERCHANGE 230KV CKT 1 TEXAS COUNTY INTERCHANGE - Tri County REC-	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).  Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	100.5	7.11%	Whiting Sub 115KV CKT 1	Line - Clark County - Thistle 345 kV dbl Ckt	County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.1	7.11%	LACYGNE - NEOSHO 345KV CKT 1	Line - Clark County - Thistle 345 kV dbl Ckt	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.9	8.79%	SPP-SWPS-02A	Line - Clark County - Thistle 345 kV dbl Ckt	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
				POTTER COUNTY INTERCHANGE (WAUK 90343-A)				•	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.7	8.79%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301)	Line - Clark County - Thistle 345 kV dbl Ckt	County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.  Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	109.4	7.82%	230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301)	Line - Clark County - Thistle 345 kV dbl Ckt	County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.  Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	113.4	7.97%	230/115/13.2KV TRANSFORMER CKT 1	Line - Clark County - Thistle 345 kV dbl Ckt	County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.  Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	105.8	8.90%	SPP-SWPS-02A	Line - Clark County - Thistle 345 kV dbl Ckt	County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
5	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	107.9	4.31%	BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1	Line - Clark County - Thistle 345 kV dbl Ckt	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
Б			SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A)		4.210/		Line - Clark County - Thistle 345 kV dbl Ckt	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
5	14WP	SPS		345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	107.8	4.31%	BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	•	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark
5	14WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	105.8	8.61%	INTERCHANGE 230KV CKT 1	Line - Clark County - Thistle 345 kV dbl Ckt	County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.  Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark
5	14WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.3	8.58%	SPP-SWPS-K31 HITCHLAND INTERCHANGE - MOORE COUNTY	Line - Clark County - Thistle 345 kV dbl Ckt	County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.  Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark
5	18SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	108.8	5.50%	INTERCHANGE 230KV CKT 1	Line - Clark County - Thistle 345 kV dbl Ckt	County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
5	18SP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.9	4.26%	SPP-SWPS-K31	Line - Clark County - Thistle 345 kV dbl Ckt	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
5	18SP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	103.4	4.14%	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Line - Clark County - Thistle 345 kV dbl Ckt	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
	1			POTTER COUNTY INTERCHANGE (WAUK 90343-A)				•	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	105.6	8.90%	SPP-SWPS-02	Line - Clark County - Thistle 345 kV dbl Ckt	County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.  Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	117.9	8.62%	SPP-SWPS-K31	Line - Clark County - Thistle 345 kV dbl Ckt	County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.  Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	113.2	8.46%	SPP-SWPS-K31	Line - Clark County - Thistle 345 kV dbl Ckt	County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.6	7.24%	TEXAS COUNTY INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1	Line - Clark County - Thistle 345 kV dbl Ckt	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.3	7.24%	LACYGNE - NEOSHO 345KV CKT 1	Line - Clark County - Thistle 345 kV dbl Ckt	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
				POTTER COUNTY INTERCHANGE (WAUK 90343-A)				•	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 Harrington Station East Bus - POTTER COUNTY INTERCHANGE	103.6	7.24%	BASE CASE  CHERRY1 - POTTER COUNTY INTERCHANGE 230KV	Line - Clark County - Thistle 345 kV dbl Ckt	County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.  Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark
5	18WP	SPS	SPS	230KV CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.9	44.57%	CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	Line - Clark County - Thistle 345 kV dbl Ckt	County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.  Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark
5	23SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	101.8	5.50%	INTERCHANGE 230KV CKT 1	Line - Clark County - Thistle 345 kV dbl Ckt	County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.  Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	114.6	8.48%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Line - Clark County - Thistle 345 kV dbl Ckt	County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	119.1	8.64%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Line - Clark County - Thistle 345 kV dbl Ckt	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.5	7.11%	TEXAS COUNTY INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers
				POTTER COUNTY INTERCHANGE (WAUK 90343-A)					Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.1	7.11%	LACYGNE - NEOSHO 345KV CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers  Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.9	8.79%	SPP-SWPS-02A	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers  Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	104.7	8.79%	SPP-SWPS-02	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	109.4	7.82%	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	113.4	7.97%	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers
-				POTTER COUNTY INTERCHANGE (WAUK 90343-A)					Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	105.8	8.90%	SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers  Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the
5	14WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	107.9	4.31%	345KV CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers  Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the
5	14WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	107.8	4.31%	BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers
5	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	105.8	8.61%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers
5	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.3	8.58%	SPP-SWPS-K31	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers
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	1000	000	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.0	F F00/	HITCHLAND INTERCHANGE - MOORE COUNTY	Line Hitchland Weedward 245 W dbl Cld OKC5	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the
5	18SP 18SP	SPS SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	108.8 104.9	5.50% 4.26%	INTERCHANGE 230KV CKT 1  SPP-SWPS-K31	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE  Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers  Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the  SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers
5	18SP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	103.4	4.14%	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	105.6	8.90%	SPP-SWPS-02	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers  Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the
5	18WP 23WP	SPS SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	117.9	8.62%	SPP-SWPS-K31	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE  Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers  Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the  SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	113.2 104.6	8.46% 7.24%	SPP-SWPS-K31 TEXAS COUNTY INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.3	7.24%	LACYGNE - NEOSHO 345KV CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the
5	18WP	SPS		POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 Harrington Station East Bus - POTTER COUNTY INTERCHANGE	103.6	7.24%	BASE CASE CHERRY1 - POTTER COUNTY INTERCHANGE 230KV	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the
5	18WP	SPS SPS	SPS SPS	230KV CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.9 101.8	44.57% 5.50%	CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY  INTERCHANGE 230KV CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE  Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers  Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the  SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	114.6	8.48%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	119.1	8.64%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1 TEXAS COUNTY INTERCHANGE - Tri County REC-	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception
<u>5</u> 5	23WP 23WP	SPS SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.5	7.11% 7.11%	Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt SPS  Line - Hitchland - Woodward 345 kV dbl Ckt SPS	point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.9	8.79%	SPP-SWPS-02A	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.7	8.79%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301)	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception
5	23WP 18WP	SPS SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	109.4	7.82% 7.97%	230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt SPS  Line - Hitchland - Woodward 345 kV dbl Ckt SPS	point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	105.8	8.90%	SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception
5	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	107.9	4.31%	345KV CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception
5	14WP	SPS SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	107.8 105.8	4.31% 8.61%	BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY  INTERCHANGE 230KV CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt SPS  Line - Hitchland - Woodward 345 kV dbl Ckt SPS	point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal
5	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.3	8.58%	SPP-SWPS-K31 HITCHLAND INTERCHANGE - MOORE COUNTY	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception
5	18SP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	108.8	5.50%	INTERCHANGE 230KV CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception
5	18SP	SPS SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.9	4.26% 4.14%	SPP-SWPS-K31  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt SPS  Line - Hitchland - Woodward 345 kV dbl Ckt SPS	point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	105.6	8.90%	SPP-SWPS-02	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	117.9	8.62%	SPP-SWPS-K31	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	113.2	8.46%	SPP-SWPS-K31 TEXAS COUNTY INTERCHANGE - Tri County REC-	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception
5	18WP 18WP	SPS SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.6	7.24% 7.24%	Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt SPS  Line - Hitchland - Woodward 345 kV dbl Ckt SPS	point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 Harrington Station East Bus - POTTER COUNTY INTERCHANGE	103.6	7.24%	BASE CASE  CHERRY1 - POTTER COUNTY INTERCHANGE 230KV	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception
5	18WP	SPS	SPS	230KV CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.9	44.57%	CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception
5	23SP 23WP	SPS SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	101.8	5.50% 8.48%	INTERCHANGE 230KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt SPS  Line - Hitchland - Woodward 345 kV dbl Ckt SPS	point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal
<u>5</u>	18WP	SPS SPS	SPS SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	119.1 100.5	8.64% 7.11%	HITCHLAND INTERCHANGE - MOORE COUNTY  INTERCHANGE 230KV CKT 1  TEXAS COUNTY INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt SPS  Line - Spearville - Clark County 345 kV dbl Ckt	Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.1	7.11%	LACYGNE - NEOSHO 345KV CKT 1	Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.  Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.9	8.79%	SPP-SWPS-02A	Line - Spearville - Clark County 345 kV dbl Ckt	County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.  Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.
5	23WP 23WP	SPS SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.7	8.79% 7.82%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Line - Spearville - Clark County 345 kV dbl Ckt  Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	113.4	7.97%	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.  Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	105.8	8.90%	SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV	Line - Spearville - Clark County 345 kV dbl Ckt	County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.  Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark
5	14WP	SPS SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	107.9 107.8	4.31% 4.31%	345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1	Line - Spearville - Clark County 345 kV dbl Ckt  Line - Spearville - Clark County 345 kV dbl Ckt	County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.  Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.
5	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	105.8	8.61%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.
5	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.3	8.58%	SPP-SWPS-K31 HITCHLAND INTERCHANGE - MOORE COUNTY	Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.  Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark
5	18SP	SPS SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	108.8 104.9	5.50% 4.26%	INTERCHANGE 230KV CKT 1  SPP-SWPS-K31	Line - Spearville - Clark County 345 kV dbl Ckt  Line - Spearville - Clark County 345 kV dbl Ckt	County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.  Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.
5	18SP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.9	4.26%	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	105.6	8.90%	SPP-SWPS-02	Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.  Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark
5	18WP 23WP	SPS SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	117.9	8.62% 8.46%	SPP-SWPS-K31 SPP-SWPS-K31	Line - Spearville - Clark County 345 kV dbl Ckt  Line - Spearville - Clark County 345 kV dbl Ckt	County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.  Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.
5 5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	113.2 104.6	8.46% 7.24%	TEXAS COUNTY INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1	Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.3	7.24%	LACYGNE - NEOSHO 345KV CKT 1	Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.  Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark
5	18WP	SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 Harrington Station East Bus - POTTER COUNTY INTERCHANGE 230KV CKT 1	103.6 100.9	7.24% 44.57%	BASE CASE  CHERRY1 - POTTER COUNTY INTERCHANGE 230KV  CKT 1	Line - Spearville - Clark County 345 kV dbl Ckt  Line - Spearville - Clark County 345 kV dbl Ckt	County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.  Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.
5	18WP 23SP	SPS SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.9	5.50%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Line - Spearville - Clark County 345 kV dbl Ckt  Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	114.6	8.48%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.  Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark
5	18WP	SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	119.1	8.64% 7.11%	INTERCHANGE 230KV CKT 1 TEXAS COUNTY INTERCHANGE - Tri County REC-	Line - Spearville - Clark County 345 kV dbl Ckt Line - Thistle - Wichita 345 kV dbl Ckt PW	County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.  Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.
5	23WP 23WP	SPS SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.5	7.11% 7.11%	Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt PW  Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.9	8.79%	SPP-SWPS-02A	Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.  Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.7	8.79%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301)	Line - Thistle - Wichita 345 kV dbl Ckt PW	kV substation.  Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345
5 5	23WP 18WP	SPS SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	109.4	7.82% 7.97%	230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt PW  Line - Thistle - Wichita 345 kV dbl Ckt PW	kV substation.  Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	105.8	8.90%	SPP-SWPS-02A	Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.
5	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	107.9	4.31%	BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.  Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345
5	14WP 14WP	SPS SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	107.8 105.8	4.31% 8.61%	BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt PW  Line - Thistle - Wichita 345 kV dbl Ckt PW	kV substation.  Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.
5	14WP		SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.3		SPP-SWPS-K31	Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.

	T		1		· · · · · · · · · · · · · · · · · · ·		LUTOULAND INTERQUANCE, MOORE COUNTY		Duild a new 70 mile develo signife 245 by line with at least 2000 A conseils from the Wiebite substation to the new Thickle 245
5	18SP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	108.8	5.50%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.  Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345
5	18SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.9	4.26%	SPP-SWPS-K31 HITCHLAND INTERCHANGE (H TP80148301)	Line - Thistle - Wichita 345 kV dbl Ckt PW	kV substation.  Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345
5	18SP 18WP	SPS SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	103.4 105.6	4.14% 8.90%	230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02	Line - Thistle - Wichita 345 kV dbl Ckt PW  Line - Thistle - Wichita 345 kV dbl Ckt PW	kV substation.  Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	117.9	8.62%	SPP-SWPS-K31	Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	113.2	8.46%	SPP-SWPS-K31	Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.6	7.24%	TEXAS COUNTY INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.  Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.3	7.24%	LACYGNE - NEOSHO 345KV CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt PW	kV substation.  Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345  kV substation.
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 Harrington Station East Bus - POTTER COUNTY INTERCHANGE	103.6	7.24%	BASE CASE CHERRY1 - POTTER COUNTY INTERCHANGE 230KV	Line - Thistle - Wichita 345 kV dbl Ckt PW	kV substation.  Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345
5	18WP	SPS SPS	SPS SPS	230KV CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.9	44.57% 5.50%	CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt PW  Line - Thistle - Wichita 345 kV dbl Ckt PW	kV substation.  Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	114.6	8.48%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	119.1	8.64%	HITCHLAND INTERCHANGE - MOORE COUNTY  INTERCHANGE 230KV CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.5	7.11%	TEXAS COUNTY INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.1	7.11%	LACYGNE - NEOSHO 345KV CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt WERE	circuits from the new Thistle 345 kV substation  Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV
5	23WP 23WP	SPS SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.9 104.7	8.79% 8.79%	SPP-SWPS-02A SPP-SWPS-02	Line - Thistle - Wichita 345 kV dbl Ckt WERE  Line - Thistle - Wichita 345 kV dbl Ckt WERE	circuits from the new Thistle 345 kV substation  Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	109.4	7.82%	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	113.4	7.97%	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	105.8	8.90%	SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV	Line - Thistle - Wichita 345 kV dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV
5	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	107.9	4.31%	345KV CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt WERE	circuits from the new Thistle 345 kV substation  Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV
5	14WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	107.8		BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	Line - Thistle - Wichita 345 kV dbl Ckt WERE	circuits from the new Thistle 345 kV substation  Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV
5	14WP	SPS SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	105.8 104.3	8.61% 8.58%	INTERCHANGE 230KV CKT 1  SPP-SWPS-K31	Line - Thistle - Wichita 345 kV dbl Ckt WERE  Line - Thistle - Wichita 345 kV dbl Ckt WERE	circuits from the new Thistle 345 kV substation  Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation
5	18SP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	108.8	5.50%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation
5	18SP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.9	4.26%	SPP-SWPS-K31	Line - Thistle - Wichita 345 kV dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation
5	18SP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	103.4	4.14%	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation  Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	105.6	8.90%	SPP-SWPS-02	Line - Thistle - Wichita 345 kV dbl Ckt WERE	circuits from the new Thistle 345 kV substation  Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	117.9	8.62%	SPP-SWPS-K31	Line - Thistle - Wichita 345 kV dbl Ckt WERE	circuits from the new Thistle 345 kV substation  Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV
5	23WP 18WP	SPS SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	113.2 104.6	7.24%	SPP-SWPS-K31 TEXAS COUNTY INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt WERE  Line - Thistle - Wichita 345 kV dbl Ckt WERE	circuits from the new Thistle 345 kV substation  Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.3	7.24%	LACYGNE - NEOSHO 345KV CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	103.6	7.24%	BASE CASE	Line - Thistle - Wichita 345 kV dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV
5	18WP	SPS	SPS	Harrington Station East Bus - POTTER COUNTY INTERCHANGE 230KV CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.9	44.57%	CHERRY1 - POTTER COUNTY INTERCHANGE 230KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	Line - Thistle - Wichita 345 kV dbl Ckt WERE	circuits from the new Thistle 345 kV substation  Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV  Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV
5	23SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	101.8	5.50%	INTERCHANGE 230KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	Line - Thistle - Wichita 345 kV dbl Ckt WERE	circuits from the new Thistle 345 kV substation  Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV
5	23WP 18WP	SPS SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	114.6 119.1	8.48% 8.64%	INTERCHANGE 230KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY  INTERCHANGE 230KV CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt WERE  Line - Thistle - Wichita 345 kV dbl Ckt WERE	circuits from the new Thistle 345 kV substation  Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.5	7.11%	TEXAS COUNTY INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.1	7.11%	LACYGNE - NEOSHO 345KV CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward District EHV substation with the
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.9	8.79%	SPP-SWPS-02A	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward District EHV substation with the Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.7	8.79%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301)	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the
5	23WP 18WP	SPS SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	109.4 113.4	7.82% 7.97%	230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt OKGE  Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	105.8	8.90%	SPP-SWPS-02A	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward District EHV substation with the
5	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	107.9	4.31%	BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward District EHV substation with the
5	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WALK 90343-A)	107.8	4.31%	BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward District EHV substation with the Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the
5	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	105.8	8.61%	INTERCHANGE 230KV CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the
5	14WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.3	8.58%	SPP-SWPS-K31 HITCHLAND INTERCHANGE - MOORE COUNTY	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward District EHV substation with the Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward District EHV substation with the
5	18SP 18SP	SPS SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	108.8 104.9	5.50% 4.26%	INTERCHANGE 230KV CKT 1  SPP-SWPS-K31	Line - Thistle - Woodward 345 kV dbl Ckt OKGE  Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the
5	18SP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	103.4	4.14%	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WALK 90343-A)	105.6	8.90%	SPP-SWPS-02	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward District EHV substation with the Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	117.9	8.62%	SPP-SWPS-K31	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	113.2	8.46%	SPP-SWPS-K31 TEXAS COUNTY INTERCHANGE - Tri County REC-	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the
5	18WP	SPS SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.6 104.3	7.24%	Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt OKGE  Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.3	7.24%	BASE CASE	Line - Thistie - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the
5	18WP	SPS	SPS	Harrington Station East Bus - POTTER COUNTY INTERCHANGE 230KV CKT 1	100.9	44.57%	CHERRY1 - POTTER COUNTY INTERCHANGE 230KV CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward District EHV substation with the
5	23SP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	101.8	5.50%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward District EHV substation with the Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	114.6	8.48%	INTERCHANGE 230KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the
5	18WP 23WP	SPS SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	119.1 100.5	7.11%	INTERCHANGE 230KV CKT 1 TEXAS COUNTY INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt OKGE  Line - Thistle - Woodward 345 kV dbl Ckt PW	Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the  Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the  Kansas/Oklahoma state border towards the Woodward District EHV substation.
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.5	7.11%	LACYGNE - NEOSHO 345KV CKT 1	Line - Thistie - Woodward 345 kV dbl Ckt PW  Line - Thistle - Woodward 345 kV dbl Ckt PW	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.9	8.79%	SPP-SWPS-02A	Line - Thistle - Woodward 345 kV dbl Ckt PW	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.7	8.79%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301)	Line - Thistle - Woodward 345 kV dbl Ckt PW	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.  Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	109.4	7.82%	230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301)	Line - Thistle - Woodward 345 kV dbl Ckt PW	Kansas/Oklahoma state border towards the Woodward District EHV substation.  Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	113.4	7.97%	230/115/13.2KV TRANSFORMER CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt PW	Kansas/Oklahoma state border towards the Woodward District EHV substation.  Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the
5	18WP 14WP	SPS SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	105.8 107.9	8.90% 4.31%	SPP-SWPS-02A  BORDER 7345.00 - WOODWARD DISTRICT EHV  345KV CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt PW  Line - Thistle - Woodward 345 kV dbl Ckt PW	Kansas/Oklahoma state border towards the Woodward District EHV substation.  Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.
5	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	107.8		BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt PW	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.
5	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WALK 90343-A)	105.8	8.61%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt PW	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.  Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the
	1	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.3	8.58%	SPP-SWPS-K31	Line - Thistle - Woodward 345 kV dbl Ckt PW	Kansas/Oklahoma state border towards the Woodward District EHV substation.

Ì				POTTER COUNTY INTERCHANGE (WAUK 90343-A)			HITCHLAND INTERCHANGE - MOORE COUNTY		Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the
5	18SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	108.8	5.50%	INTERCHANGE 230KV CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt PW	Kansas/Oklahoma state border towards the Woodward District EHV substation.  Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the
5	18SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.9	4.26%	SPP-SWPS-K31 HITCHLAND INTERCHANGE (H TP80148301)	Line - Thistle - Woodward 345 kV dbl Ckt PW	Kansas/Oklahoma state border towards the Woodward District EHV substation.  Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the
5	18SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	103.4	4.14%	230/115/13.2KV TRANSFORMER CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt PW	Kansas/Oklahoma state border towards the Woodward District EHV substation.  Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	105.6	8.90%	SPP-SWPS-02	Line - Thistle - Woodward 345 kV dbl Ckt PW	Kansas/Oklahoma state border towards the Woodward District EHV substation.  Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	117.9	8.62%	SPP-SWPS-K31	Line - Thistle - Woodward 345 kV dbl Ckt PW	Kansas/Oklahoma state border towards the Woodward District EHV substation.  Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	113.2	8.46%	SPP-SWPS-K31 TEXAS COUNTY INTERCHANGE - Tri County REC-	Line - Thistle - Woodward 345 kV dbl Ckt PW	Kansas/Oklahoma state border towards the Woodward District EHV substation.  Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the
5	18WP	SPS SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.6 104.3	7.24% 7.24%	Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt PW  Line - Thistle - Woodward 345 kV dbl Ckt PW	Kansas/Oklahoma state border towards the Woodward District EHV substation.  Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	103.6	7.24%	BASE CASE	Line - Thistle - Woodward 345 kV dbl Ckt PW	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.
5	18WP	SPS		Harrington Station East Bus - POTTER COUNTY INTERCHANGE 230KV CKT 1		44.57%	CHERRY1 - POTTER COUNTY INTERCHANGE 230KV	Line - Thistle - Woodward 345 kV dbl Ckt PW	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.
5	23SP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	101.8	5.50%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt PW	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	114.6	8.48%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt PW	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	119.1	8.64%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt PW	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.5	7.11%	TEXAS COUNTY INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.1	7.11%	LACYGNE - NEOSHO 345KV CKT 1	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.9	8.79%	SPP-SWPS-02A	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.7	8.79%	SPP-SWPS-02	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	109.4	7.82%	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	113.4	7.97%	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	105.8	8.90%	SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	14WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	107.9	4.31%	345KV CKT 1	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	14WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	107.8	4.31%	BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	14WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	105.8	8.61%	INTERCHANGE 230KV CKT 1	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	14WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.3	8.58%	SPP-SWPS-K31 HITCHLAND INTERCHANGE - MOORE COUNTY	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	18SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	108.8	5.50%	INTERCHANGE 230KV CKT 1	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	18SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.9	4.26%	SPP-SWPS-K31 HITCHLAND INTERCHANGE (H TP80148301)	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	18SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	103.4	4.14%	230/115/13.2KV TRANSFORMER CKT 1	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	105.6	8.90%	SPP-SWPS-02	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	117.9	8.62%	SPP-SWPS-K31	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	113.2	8.46%	SPP-SWPS-K31 TEXAS COUNTY INTERCHANGE - Tri County REC-	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.6	7.24%	Whiting Sub 115KV CKT 1	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.3	7.24%	LACYGNE - NEOSHO 345KV CKT 1	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	18WP	SPS		345/230/13.2KV TRANSFORMER CKT 1 Harrington Station East Bus - POTTER COUNTY INTERCHANGE		7.24%	BASE CASE  CHERRY1 - POTTER COUNTY INTERCHANGE 230KV	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	18WP	SPS		230KV CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.9	44.57%	CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	23SP 23WP	SPS SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	101.8	5.50%	HITCHLAND INTERCHANGE - MOORE COUNTY	Line - Tuco - Woodward 345 kV line OKGE  Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation  Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	114.6 119.1	8.48% 8.64%	INTERCHANGE 230KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY  INTERCHANGE 230KV CKT 1	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.5	7.11%	TEXAS COUNTY INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1	Line - Tuco - Woodward 345 kV line SPS	Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.5	7.11%	LACYGNE - NEOSHO 345KV CKT 1	Line - Tuco - Woodward 345 kV line SPS	Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.
	2011	01 0	0, 0	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1		8.79%		Line - Tuco - Woodward 345 kV line SPS	Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and
. 5	23WP	SPS	SPS	1 343/230/13.2KV 117/NOLONIVIEN GKT 1	I 104.9	0.7370	1 SPP-5WPS-UZA I	Line - ruco - woodward 345 kv line 373	line reactors at Tuco.
5	23WP	SPS SPS	SPS SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.9 104.7	8.79%	SPP-SWPS-02A SPP-SWPS-02	Line - Tuco - Woodward 345 kV line SPS	Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.
5				POTTER COUNTY INTERCHANGE (WAUK 90343-A)					Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.
5 5 5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.7	8.79%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301)	Line - Tuco - Woodward 345 kV line SPS	Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.
5 5 5 5	23WP 23WP	SPS SPS	SPS SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.7 109.4	8.79% 7.82%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301)	Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS	Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.
5 5 5 5	23WP 23WP 18WP	SPS SPS SPS	SPS SPS SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.7 109.4 113.4	8.79% 7.82% 7.97%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS	Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.
5 5 5 5 5	23WP 23WP 18WP	SPS SPS SPS SPS	SPS SPS SPS SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.7 109.4 113.4 105.8	8.79% 7.82% 7.97% 8.90%	SPP-SWPS-02  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1	Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS	Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.
5 5 5 5 5 5	23WP 23WP 18WP 18WP	SPS SPS SPS SPS	SPS SPS SPS SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.7 109.4 113.4 105.8 107.9	8.79% 7.82% 7.97% 8.90% 4.31%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1	Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS	Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.
5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP	SPS SPS SPS SPS SPS	SPS SPS SPS SPS SPS SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.7 109.4 113.4 105.8 107.9	8.79% 7.82% 7.97% 8.90% 4.31% 4.31%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31	Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS	Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.
5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP	SPS SPS SPS SPS SPS SPS	SPS SPS SPS SPS SPS SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.7 109.4 113.4 105.8 107.9 107.8	8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS	Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.
5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP	SPS SPS SPS SPS SPS SPS SPS SPS	SPS SPS SPS SPS SPS SPS SPS SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3	8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  SPP-SWPS-K31	Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS	Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.
5 5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP 14WP	SPS SPS SPS SPS SPS SPS SPS SPS	SPS SPS SPS SPS SPS SPS SPS SPS SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3	8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS	Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.
5 5 5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP 14WP 18SP	SPS SPS SPS SPS SPS SPS SPS SPS SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3 108.8 104.9	8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50% 4.26%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE (H TP80148301)	Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS	Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.
5 5 5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP 14WP 18SP 18SP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3 108.8 104.9 103.4	8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50% 4.26% 4.14%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS	Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.
5 5 5 5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP 14WP 18SP 18SP 18SP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3 108.8 104.9 103.4 105.6	8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50% 4.26% 4.14% 8.90%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02  SPP-SWPS-K31  SPP-SWPS-K31	Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS	Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.
5 5 5 5 5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP 14WP 18SP 18SP 18SP 18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3 108.8 104.9 103.4 105.6 117.9	8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50% 4.26% 4.14% 8.90% 8.62%	SPP-SWPS-02  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02  SPP-SWPS-02	Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS	Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station an
5 5 5 5 5 5 5 5 5 5 5	23WP  23WP  18WP  18WP  14WP  14WP  14WP  14WP  18SP  18SP  18SP  18WP  23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3 108.8 104.9 103.4 105.6 117.9 113.2	8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50% 4.26% 4.14% 8.90% 8.62% 8.46%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02  SPP-SWPS-K31  TEXAS COUNTY INTERCHANGE - Tri County REC-	Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS	Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station an
5 5 5 5 5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP 14WP 18SP 18SP 18SP 18WP 18WP 18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1  POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3 108.8 104.9 103.4 105.6 117.9 113.2 104.6 104.3 104.3	8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50% 4.26% 4.14% 8.90% 8.62% 8.46% 7.24% 7.24%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02  SPP-SWPS-02  SPP-SWPS-K31  TEXAS COUNTY INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1	Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS	Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.  Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station an
5 5 5 5 5 5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP 14WP 18SP 18SP 18SP 18SP 18WP 18WP 18WP 18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3 108.8 104.9 103.4 105.6 117.9 113.2 104.6 104.3 103.6 100.9	8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50% 4.26% 4.14% 8.90% 8.62% 8.46% 7.24% 7.24% 44.57%	SPP-SWPS-02  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02  SPP-SWPS-K31  TEXAS COUNTY INTERCHANGE - Tri County REC-Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  BASE CASE  CHERRY1 - POTTER COUNTY INTERCHANGE 230KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY	Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS	Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. 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5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP 14WP 18SP 18SP 18SP 18WP 18WP 18WP 23WP 18WP 23WP 23WP 23WP 23WP 23WP 23WP 23WP 23	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230	104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3 108.8 104.9 103.4 105.6 117.9 113.2 104.6 104.3 103.6 100.9 101.8 114.6 119.1 100.5 100.1 104.9 104.7 109.4 113.4 105.8 107.9 107.8	8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50% 4.26% 4.14% 8.90% 8.62% 8.46% 7.24% 7.24% 7.24% 7.24% 7.24% 7.11% 8.79% 8.79% 8.79% 8.79% 8.79% 4.31% 4.31%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE - MOORE COUNTY INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-WS-K31  FEXAS COUNTY INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  BASE CASE  CHERRY1 - POTTER COUNTY INTERCHANGE 230KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  BASE CASE  CHERRY1 - POTTER COUNTY INTERCHANGE 230KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  HITCHLAND INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  SPP-SWPS-02A  SPP-SWPS-02A  SPP-SWPS-02A  SPP-SWPS-02A  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY	Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Tatonga 345 kV Ckt 2 Accelerate  Mathewson - Tatonga 345 kV Ckt 2 Accelerate	Build new 345 kV line from Tuco to OGE Border station near TXOK Stateline. 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5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP 14WP 18SP 18SP 18SP 18WP 18WP 18WP 23WP 18WP 23WP 23WP 23WP 23WP 23WP 23WP 23WP 23	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230	104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3 108.8 104.9 103.4 105.6 117.9 113.2 104.6 104.3 103.6 100.9 101.8 114.6 119.1 100.5 100.1 104.9 104.7 109.4 113.4 105.8 107.9	8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50% 4.26% 4.14% 8.90% 8.62% 8.46% 7.24% 7.24% 7.24% 7.24% 7.24% 7.11% 8.79% 8.64% 7.11% 8.79% 8.79% 8.79% 8.79% 8.90% 4.31% 8.61%	SPP-SWPS-02	Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward 345 kV line SPS  Line - Tuco - Woodward SPS  Line - Tuco - Woo	Build new 345 kV line from Tuco to QGE Border station near TXCK Stateline, Install line reactors outside Border station and increactors at Tuco.  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Build new 345 kV line from Tuco to QGE Border Station near

5	18SP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	108.8	5.50%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Mathewson - Tatonga 345 kV Ckt 2 Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
5	18SP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.9	4.26%	SPP-SWPS-K31	Mathewson - Tatonga 345 kV Ckt 2 Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
5	18SP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	103.4	4.14%	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Mathewson - Tatonga 345 kV Ckt 2 Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	105.6	8.90%	SPP-SWPS-02	Mathewson - Tatonga 345 kV Ckt 2 Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	117.9	8.62%	SPP-SWPS-K31	Mathewson - Tatonga 345 kV Ckt 2 Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	113.2	8.46%	SPP-SWPS-K31	Mathewson - Tatonga 345 kV Ckt 2 Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.6	7.24%	TEXAS COUNTY INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1	Mathewson - Tatonga 345 kV Ckt 2 Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.3	7.24%	LACYGNE - NEOSHO 345KV CKT 1	Mathewson - Tatonga 345 kV Ckt 2 Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	103.6	7.24%	BASE CASE	Mathewson - Tatonga 345 kV Ckt 2 Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
5	18WP	SPS	SPS	Harrington Station East Bus - POTTER COUNTY INTERCHANGE 230KV CKT 1	100.9	44.57%	CHERRY1 - POTTER COUNTY INTERCHANGE 230KV CKT 1	Mathewson - Tatonga 345 kV Ckt 2 Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
5	23SP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	101.8	5.50%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Mathewson - Tatonga 345 kV Ckt 2 Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	114.6	8.48%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Mathewson - Tatonga 345 kV Ckt 2 Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	119.1	8.64%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Mathewson - Tatonga 345 kV Ckt 2 Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.5	7.11%	TEXAS COUNTY INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1	Mathewson 345 kV Accelerate	Build new Mathewson 345 kV substation at the intersection of the Woodring-Cimarron and the existing Northwest - Tatonga 345 kV lines.
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.1	7.11%	LACYGNE - NEOSHO 345KV CKT 1	Mathewson 345 kV Accelerate	Build new Mathewson 345 kV substation at the intersection of the Woodring-Cimarron and the existing Northwest - Tatonga 345 kV lines.
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.9	8.79%	SPP-SWPS-02A	Mathewson 345 kV Accelerate	Build new Mathewson 345 kV substation at the intersection of the Woodring-Cimarron and the existing Northwest - Tatonga 345 kV lines.
5	23WP	SPS		POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.7	8.79%	SPP-SWPS-02	Mathewson 345 kV Accelerate	Build new Mathewson 345 kV substation at the intersection of the Woodring-Cimarron and the existing Northwest - Tatonga 345 kV lines.
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	109.4	7.82%	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Mathewson 345 kV Accelerate	Build new Mathewson 345 kV substation at the intersection of the Woodring-Cimarron and the existing Northwest - Tatonga 345 kV lines.
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	113.4	7.82%	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Mathewson 345 kV Accelerate	Build new Mathewson 345 kV substation at the intersection of the Woodring-Cimarron and the existing Northwest - Tatonga 345 kV lines.
5				POTTER COUNTY INTERCHANGE (WAUK 90343-A)					Build new Mathewson 345 kV substation at the intersection of the Woodring-Cimarron and the existing Northwest - Tatonga
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	105.8	8.90%	SPP-SWPS-02A  BORDER 7345.00 - WOODWARD DISTRICT EHV	Mathewson 345 kV Accelerate	345 kV lines.  Build new Mathewson 345 kV substation at the intersection of the Woodring-Cimarron and the existing Northwest - Tatonga 345 kV lines.
5	14WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	107.9	4.31%	345KV CKT 1	Mathewson 345 kV Accelerate	Build new Mathewson 345 kV substation at the intersection of the Woodring-Cimarron and the existing Northwest - Tatonga
5	14WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	107.8	4.31%	BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	Mathewson 345 kV Accelerate  Mathewson 345 kV Accelerate	345 kV lines.  Build new Mathewson 345 kV substation at the intersection of the Woodring-Cimarron and the existing Northwest - Tatonga 345 kV lines.
5	14WP	SPS SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	105.8	8.61%	INTERCHANGE 230KV CKT 1	Mathewson 345 kV Accelerate  Mathewson 345 kV Accelerate	345 kV lines.  Build new Mathewson 345 kV substation at the intersection of the Woodring-Cimarron and the existing Northwest - Tatonga 345 kV lines.
5				345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.3	8.58%	SPP-SWPS-K31 HITCHLAND INTERCHANGE - MOORE COUNTY		Build new Mathewson 345 kV substation at the intersection of the Woodring-Cimarron and the existing Northwest - Tatonga
5	18SP	SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	108.8	5.50%	INTERCHANGE 230KV CKT 1	Mathewson 345 kV Accelerate  Mathewson 345 kV Accelerate	345 kV lines.  Build new Mathewson 345 kV substation at the intersection of the Woodring-Cimarron and the existing Northwest - Tatonga 345 kV lines.
5	18SP	SPS		345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.9	4.26%	SPP-SWPS-K31 HITCHLAND INTERCHANGE (H TP80148301)		Build new Mathewson 345 kV substation at the intersection of the Woodring-Cimarron and the existing Northwest - Tatonga
5	18SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	103.4	4.14%	230/115/13.2KV TRANSFORMER CKT 1	Mathewson 345 kV Accelerate	345 kV lines.  Build new Mathewson 345 kV substation at the intersection of the Woodring-Cimarron and the existing Northwest - Tatonga
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	105.6	8.90%	SPP-SWPS-02	Mathewson 345 kV Accelerate	345 kV lines.  Build new Mathewson 345 kV substation at the intersection of the Woodring-Cimarron and the existing Northwest - Tatonga
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	117.9	8.62%	SPP-SWPS-K31	Mathewson 345 kV Accelerate	345 kV lines.  Build new Mathewson 345 kV substation at the intersection of the Woodring-Cimarron and the existing Northwest - Tatonga
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	113.2	8.46%	SPP-SWPS-K31 TEXAS COUNTY INTERCHANGE - Tri County REC-	Mathewson 345 kV Accelerate	345 kV lines.  Build new Mathewson 345 kV substation at the intersection of the Woodring-Cimarron and the existing Northwest - Tatonga
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.6	7.24%	Whiting Sub 115KV CKT 1	Mathewson 345 kV Accelerate	345 kV lines.  Build new Mathewson 345 kV substation at the intersection of the Woodring-Cimarron and the existing Northwest - Tatonga
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.3	7.24%	LACYGNE - NEOSHO 345KV CKT 1	Mathewson 345 kV Accelerate	345 kV lines.  Build new Mathewson 345 kV substation at the intersection of the Woodring-Cimarron and the existing Northwest - Tatonga
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 Harrington Station East Bus - POTTER COUNTY INTERCHANGE	103.6	7.24%	BASE CASE CHERRY1 - POTTER COUNTY INTERCHANGE 230KV	Mathewson 345 kV Accelerate	345 kV lines.  Build new Mathewson 345 kV substation at the intersection of the Woodring-Cimarron and the existing Northwest - Tatonga
5	18WP	SPS	SPS	230KV CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.9	44.57%	CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	Mathewson 345 kV Accelerate	345 kV lines.  Build new Mathewson 345 kV substation at the intersection of the Woodring-Cimarron and the existing Northwest - Tatonga
5	23SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	101.8	5.50%	INTERCHANGE 230KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	Mathewson 345 kV Accelerate	345 kV lines.  Build new Mathewson 345 kV substation at the intersection of the Woodring-Cimarron and the existing Northwest - Tatonga
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	114.6	8.48%	INTERCHANGE 230KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	Mathewson 345 kV Accelerate	345 kV lines.  Build new Mathewson 345 kV substation at the intersection of the Woodring-Cimarron and the existing Northwest - Tatonga
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	119.1	8.64%	INTERCHANGE 230KV CKT 1 TEXAS COUNTY INTERCHANGE - Tri County REC-	Mathewson 345 kV Accelerate	345 kV lines.
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.5	7.11%	Whiting Sub 115KV CKT 1	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5	23WP		SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.1	7.11%	LACYGNE - NEOSHO 345KV CKT 1	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5		SPS		` '					
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.9	8.79%	SPP-SWPS-02A	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
	23WP	SPS SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.7	8.79%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301)	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5	23WP 23WP	SPS SPS SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.7 109.4	8.79% 7.82%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301)	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5	23WP 23WP 18WP	SPS SPS SPS SPS	SPS SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.7 109.4 113.4	8.79% 7.82% 7.97%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5 5 5	23WP 23WP 18WP	SPS SPS SPS SPS	SPS SPS SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.7 109.4 113.4 105.8	8.79% 7.82% 7.97% 8.90%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5 5 5	23WP 23WP 18WP 18WP	SPS SPS SPS SPS SPS SPS	SPS SPS SPS SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.7 109.4 113.4 105.8 107.9	8.79% 7.82% 7.97% 8.90% 4.31%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5 5 5 5	23WP 23WP 18WP 18WP 14WP	SPS SPS SPS SPS SPS SPS	SPS SPS SPS SPS SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.7 109.4 113.4 105.8 107.9	8.79% 7.82% 7.97% 8.90% 4.31% 4.31%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP	SPS SPS SPS SPS SPS SPS SPS SPS	SPS SPS SPS SPS SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.7 109.4 113.4 105.8 107.9 107.8	8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP	SPS SPS SPS SPS SPS SPS SPS SPS SPS	SPS SPS SPS SPS SPS SPS SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3	8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE - MOORE COUNTY	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP 14WP	SPS	SPS SPS SPS SPS SPS SPS SPS SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3	8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP 14WP 18SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3 108.8 104.9	8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50% 4.26%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE (H TP80148301)	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5 5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP 14WP 18SP 18SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3 108.8 104.9 103.4	8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50% 4.26% 4.14%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5 5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP 14WP 18SP 18SP 18SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3 108.8 104.9 103.4 105.6	8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50% 4.26% 4.14% 8.90%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5 5 5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP 14WP 18SP 18SP 18SP 18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3 108.8 104.9 103.4 105.6 117.9	8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50% 4.26% 4.14% 8.90% 8.62%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02  SPP-SWPS-02	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5 5 5 5 5 5 5 5 5 5	23WP  23WP  18WP  18WP  14WP  14WP  14WP  18SP  18SP  18SP  18WP  23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3 108.8 104.9 103.4 105.6 117.9 113.2	8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50% 4.26% 4.14% 8.90% 8.62% 8.46%	SPP-SWPS-02  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02  SPP-SWPS-K31  TEXAS COUNTY INTERCHANGE - Tri County REC-	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
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5 5 5 5 5 5 5 5 5 5 5	23WP  23WP  18WP  18WP  14WP  14WP  14WP  14WP  18SP  18SP  18SP  18WP  18WP  18WP  18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3 108.8 104.9 103.4 105.6 117.9 113.2 104.6 104.3 103.6	8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50% 4.26% 4.14% 8.90% 8.62% 8.46% 7.24% 7.24%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-WS-K31  TEXAS COUNTY INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  BASE CASE CHERRY1 - POTTER COUNTY INTERCHANGE 230KV	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
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5 5 5 5 5 5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP 18SP 18SP 18SP 18SP 18WP 18WP 18WP 23WP 18WP 18WP 18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3 108.8 104.9 103.4 105.6 117.9 113.2 104.6 104.3 103.6 100.9 101.8	8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50% 4.26% 4.14% 8.90% 8.62% 8.46% 7.24% 7.24% 44.57% 5.50%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-K31  TEXAS COUNTY INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1  BASE CASE CHERRY1 - POTTER COUNTY INTERCHANGE 230KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate  Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
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5 5 5 5 5 5 5 5 5 5 5 5 5 5	23WP  18WP  18WP  14WP  14WP  14WP  14WP  18SP  18SP  18SP  18WP  18WP  18WP  23WP  18WP  23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY I	104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3 108.8 104.9 103.4 105.6 117.9 113.2 104.6 104.3 103.6 100.9 101.8 114.6 119.1 100.5 100.1 104.9 104.7 109.4 113.4 105.8 107.9	8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50% 4.26% 4.14% 8.90% 8.62% 8.46% 7.24% 7.24% 7.24% 7.24% 7.11% 5.50% 8.48% 7.11% 7.11% 8.79% 8.79% 8.79% 8.79% 8.90% 4.31%	SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE - Tri County REC-Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  BASE CASE CHERRY1 - POTTER COUNTY INTERCHANGE 230KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  BASE CASE CHERRY1 - POTTER COUNTY INTERCHANGE 230KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  HITCHLAND INTERCHANGE - Tri County RECWhiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  HITCHLAND INTERCHANGE - Tri County RECWhiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  SPP-SWPS-02A  SPP-SWPS-02A  SPP-SWPS-02A  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate Tatonga - Woodward EHV 345 kV Ckt 3 Accelerate Tatonga - Woodward EHV 345 kV Ckt 3 Accelerate Tatonga - Woodward EHV 345 kV Ckt 3 Accelerate Tatonga - Woodward EHV 345 kV Ckt 3 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.  Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.

				POTTER COUNTY INTERCHANGE (WAUK 90343-A)	Τ		HITCHLAND INTERCHANGE - MOORE COUNTY		
5	18SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	108.8	5.50%	INTERCHANGE 230KV CKT 1	XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.
				POTTER COUNTY INTERCHANGE (WAUK 90343-A)					
5	18SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	104.9	4.26%	SPP-SWPS-K31	XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.
				POTTER COUNTY INTERCHANGE (WAUK 90343-A)			HITCHLAND INTERCHANGE (H TP80148301)		
5	18SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	103.4	4.14%	230/115/13.2KV TRANSFORMER CKT 1	XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.
				POTTER COUNTY INTERCHANGE (WAUK 90343-A)					
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	105.6	8.90%	SPP-SWPS-02	XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.
				POTTER COUNTY INTERCHANGE (WAUK 90343-A)					
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	117.9	8.62%	SPP-SWPS-K31	XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.
				POTTER COUNTY INTERCHANGE (WAUK 90343-A)					
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	113.2	8.46%	SPP-SWPS-K31	XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.
				POTTER COUNTY INTERCHANGE (WAUK 90343-A)			TEXAS COUNTY INTERCHANGE - Tri County REC-		
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	104.6	7.24%	Whiting Sub 115KV CKT 1	XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.
				POTTER COUNTY INTERCHANGE (WAUK 90343-A)					
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	104.3	7.24%	LACYGNE - NEOSHO 345KV CKT 1	XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.
				POTTER COUNTY INTERCHANGE (WAUK 90343-A)					
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	103.6	7.24%	BASE CASE	XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.
				Harrington Station East Bus - POTTER COUNTY INTERCHANGE			CHERRY1 - POTTER COUNTY INTERCHANGE 230KV		
5	18WP	SPS	SPS	230KV CKT 1	100.9	44.57%	CKT 1	XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.
				POTTER COUNTY INTERCHANGE (WAUK 90343-A)			HITCHLAND INTERCHANGE - MOORE COUNTY		
5	23SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	101.8	5.50%	INTERCHANGE 230KV CKT 1	XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.
				POTTER COUNTY INTERCHANGE (WAUK 90343-A)			HITCHLAND INTERCHANGE - MOORE COUNTY		
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	114.6	8.48%	INTERCHANGE 230KV CKT 1	XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.
				POTTER COUNTY INTERCHANGE (WAUK 90343-A)			HITCHLAND INTERCHANGE - MOORE COUNTY		
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	119.1	8.64%	INTERCHANGE 230KV CKT 1	XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.
				POTTER COUNTY INTERCHANGE (WAUK 90343-A)			TEXAS COUNTY INTERCHANGE - Tri County REC-		
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	100.5	7.11%	Whiting Sub 115KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
_				POTTER COUNTY INTERCHANGE (WAUK 90343-A)					
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	100.1	7.11%	LACYGNE - NEOSHO 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
				POTTER COUNTY INTERCHANGE (WAUK 90343-A)					
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	104.9	8.79%	SPP-SWPS-02A	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
_				POTTER COUNTY INTERCHANGE (WAUK 90343-A)				0. 0 0 1. 045114.000	
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	104.7	8.79%	SPP-SWPS-02	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).

5	23WP	SPS SPS	SPS SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	109.4 113.4	7.82% 7.97%	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Cherry Co - Gentleman 345 kV Ckt1  Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).  Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	105.8	8.90%	SPP-SWPS-02A	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
<u>5</u>	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	107.9	4.31%	BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
<u>5</u>	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	107.8	4.31%	BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A)			HITCHLAND INTERCHANGE - MOORE COUNTY	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	14WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	105.8	8.61%	INTERCHANGE 230KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5				345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.3	8.58%	SPP-SWPS-K31 HITCHLAND INTERCHANGE - MOORE COUNTY	•	
5	18SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	108.8	5.50%	INTERCHANGE 230KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	18SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.9	4.26%	SPP-SWPS-K31 HITCHLAND INTERCHANGE (H TP80148301)	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	18SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	103.4	4.14%	230/115/13.2KV TRANSFORMER CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	105.6	8.90%	SPP-SWPS-02	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	117.9	8.62%	SPP-SWPS-K31	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	113.2	8.46%	SPP-SWPS-K31 TEXAS COUNTY INTERCHANGE - Tri County REC-	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.6	7.24%	Whiting Sub 115KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.3	7.24%	LACYGNE - NEOSHO 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 Harrington Station East Bus - POTTER COUNTY INTERCHANGE	103.6	7.24%	BASE CASE CHERRY1 - POTTER COUNTY INTERCHANGE 230KV	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	18WP	SPS	SPS	230KV CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.9	44.57%	CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	23SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	101.8	5.50%	INTERCHANGE 230KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	114.6	8.48%	INTERCHANGE 230KV CKT 1 HITCHLAND INTERCHANGE - MOORE COUNTY	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	119.1	8.64%	INTERCHANGE 230KV CKT 1 TEXAS COUNTY INTERCHANGE - Tri County REC-	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).  Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.5	7.11%	Whiting Sub 115KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	(Estimated 146 miles).  Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.1	7.11%	LACYGNE - NEOSHO 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	(Estimated 146 miles).  Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	104.9	8.79%	SPP-SWPS-02A	Cherry Co - Holt Co 345 kV Ckt1	(Estimated 146 miles).  Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.
5	23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1	104.7	8.79%	SPP-SWPS-02	Cherry Co - Holt Co 345 kV Ckt1	(Estimated 146 miles).
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	109.4	7.82%	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).  Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	113.4	7.97%	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	105.8	8.90%	SPP-SWPS-02A	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).
5	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	107.9	4.31%	BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).
5	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	107.8	4.31%	BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	105.8	8.61%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	14WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.3	8.58%	SPP-SWPS-K31	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	18SP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	108.8	5.50%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	18SP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.9	4.26%	SPP-SWPS-K31	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	18SP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	103.4	4.14%	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	105.6	8.90%	SPP-SWPS-02	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	117.9	8.62%	SPP-SWPS-K31	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	113.2	8.46%	SPP-SWPS-K31	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.6	7.24%	TEXAS COUNTY INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	104.3	7.24%	LACYGNE - NEOSHO 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	103.6	7.24%	BASE CASE	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	18WP	SPS		Harrington Station East Bus - POTTER COUNTY INTERCHANGE 230KV CKT 1	100.9	44.57%	CHERRY1 - POTTER COUNTY INTERCHANGE 230KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).
5	23SP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	101.8	5.50%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	114.6	8.48%	HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).
5	18WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	119.1	8.64%	HITCHLAND INTERCHANGE - MOORE COUNTY	enerry de Trek de dre kv ekkr	
5	23WP	SPS	SPS	POTTER COUNTY INTERCHANGE (WAUK 90343-A)	113.1		I	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.
5	23WP			,	100 5		INTERCHANGE 230KV CKT 1 TEXAS COUNTY INTERCHANGE - Tri County REC-	Cherry Co 345 kV Terminal Ungrades	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).
5	∠3VVP			345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.5	7.11%	INTERCHANGE 230KV CKT 1 TEXAS COUNTY INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).  Build new Cherry County 345 kV Substation.
5	22/4/5	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.1	7.11% 7.11%	INTERCHANGE 230KV CKT 1 TEXAS COUNTY INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1	Cherry Co 345 kV Terminal Upgrades  Cherry Co 345 kV Terminal Upgrades	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).  Build new Cherry County 345 kV Substation.  Build new Cherry County 345 kV Substation.
-	23WP	SPS SPS	SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.1	7.11% 7.11% 8.79%	INTERCHANGE 230KV CKT 1 TEXAS COUNTY INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  SPP-SWPS-02A	Cherry Co 345 kV Terminal Upgrades  Cherry Co 345 kV Terminal Upgrades  Cherry Co 345 kV Terminal Upgrades	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).  Build new Cherry County 345 kV Substation.  Build new Cherry County 345 kV Substation.  Build new Cherry County 345 kV Substation.
5	23WP	SPS SPS SPS	SPS SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.1 104.9 104.7	7.11% 7.11% 8.79% 8.79%	INTERCHANGE 230KV CKT 1 TEXAS COUNTY INTERCHANGE - Tri County REC-Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  SPP-SWPS-02A  SPP-SWPS-02 HITCHLAND INTERCHANGE (H TP80148301)	Cherry Co 345 kV Terminal Upgrades	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).  Build new Cherry County 345 kV Substation.
5	23WP 23WP	SPS SPS SPS SPS	SPS SPS SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.1 104.9 104.7 109.4	7.11% 7.11% 8.79% 8.79% 7.82%	INTERCHANGE 230KV CKT 1 TEXAS COUNTY INTERCHANGE - Tri County REC-Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  SPP-SWPS-02A  SPP-SWPS-02  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1 HITCHLAND INTERCHANGE (H TP80148301)	Cherry Co 345 kV Terminal Upgrades	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).  Build new Cherry County 345 kV Substation.
5 5	23WP 23WP 18WP	SPS SPS SPS SPS SPS	SPS SPS SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.1 104.9 104.7 109.4 113.4	7.11% 7.11% 8.79% 8.79% 7.82% 7.97%	INTERCHANGE 230KV CKT 1 TEXAS COUNTY INTERCHANGE - Tri County REC-Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  SPP-SWPS-02A  SPP-SWPS-02  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).  Build new Cherry County 345 kV Substation.
5 5 5	23WP 23WP 18WP	SPS SPS SPS SPS SPS SPS	SPS SPS SPS SPS SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.1 104.9 104.7 109.4 113.4 105.8	7.11% 7.11% 8.79% 8.79% 7.82% 7.97% 8.90%	INTERCHANGE 230KV CKT 1 TEXAS COUNTY INTERCHANGE - Tri County REC-Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  SPP-SWPS-02A  SPP-SWPS-02  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A  BORDER 7345.00 - WOODWARD DISTRICT EHV	Cherry Co 345 kV Terminal Upgrades	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).  Build new Cherry County 345 kV Substation.
5 5 5 5	23WP 23WP 18WP 18WP	SPS SPS SPS SPS SPS SPS SPS	SPS SPS SPS SPS SPS SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.1 104.9 104.7 109.4 113.4 105.8 107.9	7.11% 7.11% 8.79% 8.79% 7.82% 7.97% 8.90% 4.31%	INTERCHANGE 230KV CKT 1  TEXAS COUNTY INTERCHANGE - Tri County REC- Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  SPP-SWPS-02A  SPP-SWPS-02  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).  Build new Cherry County 345 kV Substation.
5 5 5 5 5	23WP 23WP 18WP 18WP 14WP	SPS SPS SPS SPS SPS SPS SPS SPS	SPS SPS SPS SPS SPS SPS SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.1 104.9 104.7 109.4 113.4 105.8 107.9	7.11% 7.11% 8.79% 8.79% 7.82% 7.97% 8.90% 4.31% 4.31%	INTERCHANGE 230KV CKT 1 TEXAS COUNTY INTERCHANGE - Tri County REC-Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  SPP-SWPS-02A  SPP-SWPS-02  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY	Cherry Co 345 kV Terminal Upgrades	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).  Build new Cherry County 345 kV Substation.
5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP	SPS SPS SPS SPS SPS SPS SPS SPS SPS	SPS SPS SPS SPS SPS SPS SPS SPS SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.1 104.9 104.7 109.4 113.4 105.8 107.9 107.8	7.11% 7.11% 8.79% 8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61%	INTERCHANGE 230KV CKT 1  TEXAS COUNTY INTERCHANGE - Tri County REC-Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  SPP-SWPS-02A  SPP-SWPS-02  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).  Build new Cherry County 345 kV Substation.
5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.1 104.9 104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3	7.11% 7.11% 8.79% 8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58%	INTERCHANGE 230KV CKT 1  TEXAS COUNTY INTERCHANGE - Tri County REC-Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  SPP-SWPS-02A  SPP-SWPS-02  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE - MOORE COUNTY	Cherry Co 345 kV Terminal Upgrades	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).  Build new Cherry County 345 kV Substation.
5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP 14WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.1 104.9 104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3 108.8	7.11% 7.11% 8.79% 8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50%	INTERCHANGE 230KV CKT 1  TEXAS COUNTY INTERCHANGE - Tri County REC-Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  SPP-SWPS-02A  SPP-SWPS-02  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).  Build new Cherry County 345 kV Substation.
5 5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP 14WP 18SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.1 104.9 104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3	7.11% 7.11% 8.79% 8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58%	INTERCHANGE 230KV CKT 1  TEXAS COUNTY INTERCHANGE - Tri County REC-Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  SPP-SWPS-02A  SPP-SWPS-02  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE - MOORE COUNTY	Cherry Co 345 kV Terminal Upgrades	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).  Build new Cherry County 345 kV Substation.
5 5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP 14WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.1 104.9 104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3 108.8	7.11% 7.11% 8.79% 8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50%	INTERCHANGE 230KV CKT 1  TEXAS COUNTY INTERCHANGE - Tri County REC-Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  SPP-SWPS-02A  SPP-SWPS-02  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).  Build new Cherry County 345 kV Substation.
5 5 5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP 14WP 18SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.1 104.9 104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3 108.8 104.9	7.11% 7.11% 8.79% 8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50% 4.26%	INTERCHANGE 230KV CKT 1  TEXAS COUNTY INTERCHANGE - Tri County REC-Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  SPP-SWPS-02A  SPP-SWPS-02  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE (H TP80148301)	Cherry Co 345 kV Terminal Upgrades	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).  Build new Cherry County 345 kV Substation.
5 5 5 5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP 14WP 18SP 18SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.1 104.9 104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3 108.8 104.9 103.4	7.11% 7.11% 8.79% 8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50% 4.26% 4.14%	INTERCHANGE 230KV CKT 1  TEXAS COUNTY INTERCHANGE - Tri County REC-Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  SPP-SWPS-02A  SPP-SWPS-02  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).  Build new Cherry County 345 kV Substation.
5 5 5 5 5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP 14WP 18SP 18SP 18SP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.1 104.9 104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3 108.8 104.9 103.4 105.6	7.11% 7.11% 8.79% 8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50% 4.26% 4.14% 8.90%	INTERCHANGE 230KV CKT 1  TEXAS COUNTY INTERCHANGE - Tri County REC-Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  SPP-SWPS-02A  SPP-SWPS-02A  SPP-SWPS-02  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02  SPP-SWPS-02  SPP-SWPS-02	Cherry Co 345 kV Terminal Upgrades	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).  Build new Cherry County 345 kV Substation.
5 5 5 5 5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP 14WP 18SP 18SP 18SP 18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.1 104.9 104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3 108.8 104.9 103.4 105.6 117.9	7.11% 7.11% 8.79% 8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50% 4.26% 4.14% 8.90% 8.62%	INTERCHANGE 230KV CKT 1 TEXAS COUNTY INTERCHANGE - Tri County REC-Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  SPP-SWPS-02A  SPP-SWPS-02  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02  SPP-SWPS-02	Cherry Co 345 kV Terminal Upgrades	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).  Build new Cherry County 345 kV Substation.
5 5 5 5 5 5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP 14WP 18SP 18SP 18SP 18WP 23WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.1 104.9 104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3 108.8 104.9 103.4 105.6 117.9 113.2	7.11% 7.11% 8.79% 8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50% 4.26% 4.14% 8.90% 8.62% 8.46%	INTERCHANGE 230KV CKT 1  TEXAS COUNTY INTERCHANGE - Tri County REC-Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  SPP-SWPS-02A  SPP-SWPS-02  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-WS-K31  TEXAS COUNTY INTERCHANGE - Tri County REC-	Cherry Co 345 kV Terminal Upgrades	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).  Build new Cherry County 345 kV Substation.
5 5 5 5 5 5 5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP 14WP 18SP 18SP 18SP 18WP 18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.1 104.9 104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3 108.8 104.9 103.4 105.6 117.9 113.2 104.6	7.11% 7.11% 8.79% 8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50% 4.26% 4.14% 8.90% 8.62% 8.46% 7.24%	INTERCHANGE 230KV CKT 1  TEXAS COUNTY INTERCHANGE - Tri County REC-Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  SPP-SWPS-02A  SPP-SWPS-02  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-K31  TEXAS COUNTY INTERCHANGE - Tri County REC-Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  BASE CASE	Cherry Co 345 kV Terminal Upgrades	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).  Build new Cherry County 345 kV Substation.
5 5 5 5 5 5 5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP 14WP 18SP 18SP 18SP 18WP 18WP 18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.1 104.9 104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3 108.8 104.9 103.4 105.6 117.9 113.2 104.6 104.3	7.11% 7.11% 8.79% 8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50% 4.26% 4.14% 8.90% 8.62% 8.46% 7.24% 7.24%	INTERCHANGE 230KV CKT 1  TEXAS COUNTY INTERCHANGE - Tri County REC-Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  SPP-SWPS-02A  SPP-SWPS-02  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-K31  TEXAS COUNTY INTERCHANGE - Tri County REC-Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  BASE CASE  CHERRY1 - POTTER COUNTY INTERCHANGE 230KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).  Build new Cherry County 345 kV Substation.
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP 14WP 18SP 18SP 18SP 18WP 18WP 18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	100.1 104.9 104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3 108.8 104.9 103.4 105.6 117.9 113.2 104.6 104.3 103.6	7.11% 7.11% 8.79% 8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50% 4.26% 4.14% 8.90% 8.62% 8.46% 7.24% 7.24% 7.24%	INTERCHANGE 230KV CKT 1  TEXAS COUNTY INTERCHANGE - Tri County REC-Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  SPP-SWPS-02A  SPP-SWPS-02  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-K31  TEXAS COUNTY INTERCHANGE - Tri County REC-Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  BASE CASE  CHERRY1 - POTTER COUNTY INTERCHANGE 230KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).  Build new Cherry County 345 kV Substation.
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	23WP 23WP 18WP 18WP 14WP 14WP 14WP 14WP 18SP 18SP 18SP 18WP 18WP 18WP 18WP	SPS	SPS	345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1 POTTER COUNTY INTERCHANGE (WAUK 90343-A)	100.1 104.9 104.7 109.4 113.4 105.8 107.9 107.8 105.8 104.3 108.8 104.9 103.4 105.6 117.9 113.2 104.6 104.3 103.6 100.9	7.11% 7.11% 8.79% 8.79% 7.82% 7.97% 8.90% 4.31% 4.31% 8.61% 8.58% 5.50% 4.26% 4.14% 8.90% 8.62% 8.46% 7.24% 7.24% 7.24% 44.57%	INTERCHANGE 230KV CKT 1  TEXAS COUNTY INTERCHANGE - Tri County REC-Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  SPP-SWPS-02A  SPP-SWPS-02  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-02A  BORDER 7345.00 - WOODWARD DISTRICT EHV 345KV CKT 1  BORDER 7345.00 - G12-038 TAP 345.00 345KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE - MOORE COUNTY INTERCHANGE 230KV CKT 1  SPP-SWPS-K31  HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1  SPP-SWPS-K31  TEXAS COUNTY INTERCHANGE - Tri County REC-Whiting Sub 115KV CKT 1  LACYGNE - NEOSHO 345KV CKT 1  BASE CASE  CHERRY1 - POTTER COUNTY INTERCHANGE 230KV CKT 1  HITCHLAND INTERCHANGE - MOORE COUNTY	Cherry Co 345 kV Terminal Upgrades	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  (Estimated 146 miles).  Build new Cherry County 345 kV Substation.  Build new Cherry County 345 kV Substation.

Scenario	Season	Area	Monitored Bus with Violation	Transfer Case Voltage (PU)	Outaged Branch Causing Overload	Upgrade Name	Solution
5	18SP	SPS	MOORE COUNTY INTERCHANGE 230KV	0.87	GEN560729 1-G13_013_3 0.6900	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas County to Cole 115kV line
5	14WP	SPS	MOORE COUNTY INTERCHANGE 230KV	0.87	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas County to Cole 115kV line
5	18WP	SPS	BEAVER COUNTY SUB 115KV	0.89	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas County to Cole 115kV line
5	18WP	SPS	SPNSPUR_WND7345.00 345KV	0.88	SPP-SWPS-02A	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas County to Cole 115kV line
5	18SP	SPS	Tri County REC-Whiting Sub 115KV	0.89	GEN560729 1-G13_013_3 0.6900	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas County to Cole 115kV line
5	18WP	SPS	TRI COUNTY REC-COLE 115KV	0.89	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas County to Cole 115kV line
5	18WP	SPS	Tri County REC-Anthony Sub Tap 115KV	0.89	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas County to Cole 115kV line
5	18WP	SPS	TRI COUNTY REC-GUYMON 115KV	0.90	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas County to Cole 115kV line
5	18WP	SPS	Hitchland Interchange 345KV	0.89	BEAVER CO 345.00 - Hitchland Interchange 345KV CKT 1	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas County to Cole 115kV line
5	18WP	SPS	Tri County REC-Whiting Sub 115KV	0.87	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas County to Cole 115kV line
5	18SP	SPS	SPNSPUR_WND7345.00 345KV	0.89	GEN560729 1-G13_013_3 0.6900	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas County to Cole 115kV line
5	18WP	SPS	SHERMAN COUNTY TAP 115KV	0.89	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas County to Cole 115kV line
5	18WP	SPS	SHERMAN COUNTY SUB 115KV	0.89	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas County to Cole 115kV line
5	18WP	SPS	POTTER COUNTY INTERCHANGE 345KV	0.88	SPP-SWPS-02A	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas County to Cole 115kV line
5	18SP	SPS	POTTER COUNTY INTERCHANGE 345KV	0.89	GEN560729 1-G13_013_3 0.6900	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas County to Cole 115kV line
5	18WP	SPS	POTTER COUNTY INTERCHANGE 230KV	0.94	BASE CASE	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas County to Cole 115kV line
5	18SP	SPS	WILDORADO WIND GEN 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	18SP	SPS	OCHILTREE 230KV	0.87	GEN560729 1-G13_013_3 0.6900	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas County to Cole 115kV line
5	18WP	SPS	NOBLE_WND 3115.00 115KV	0.89	BEAVER CO 345.00 - Hitchland Interchange 345KV CKT 1	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas County to Cole 115kV line
5	18WP	SPS	MOORE COUNTY INTERCHANGE 230KV	0.84	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas County to Cole 115kV line
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	18SP	SPS	WILDOR2_JUS6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	18SP	SPS	DEAF SMITH COUNTY INTERCHANGE 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	18WP	SPS	CHERRY1 230KV	0.94	BASE CASE	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	18WP	SPS	STLN-DEMARC6 230KV	0.88	STLN-DEMARC6 - SWEETWATER 230KV CKT 1	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	18SP	SPS	XIT_INTG 6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	23SP	SPS	LAMB COUNTY INTERCHANGE 230KV	0.79	LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02A	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.87	SPP-SWPS-02A	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	SPP-SWPS-02	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.

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5	18WP	SPS	CHERRY1 230KV	0.94	BASE CASE	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
5	18SP	SPS	DEAF SMITH COUNTY INTERCHANGE 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
5	18WP	SPS	BEAVER COUNTY SUB 115KV	0.89	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2
5	18WP	SPS	DWS FRISCO 115KV	0.90	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Hitchland 230/115/13.2 kV Transformer Ckt 2	Build a second 230/115/13.2 kV transformer at Hitchland.
5	18SP	SPS	EVA REGULATOR 69KV	0.78	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2
5	18WP	SPS	EVA REGULATOR 69KV	0.89	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02A	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
5	18WP	SPS	HARRINGTON STATION 230KV	0.95	BASE CASE	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
5	18SP	SPS	HITCHLAND INTERCHANGE 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2
	18WP	SPS	HITCHLAND INTERCHANGE 230KV	0.89	BEAVER CO 345.00 - Hitchland	Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2
<u>5</u> 5	18WP	SPS	HITCHLAND INTERCHANGE 230KV	0.89	Interchange 345KV CKT 1  Hitchland Interchange - POTTER COUNTY INTERCHANGE 345KV CKT 1	Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2
·	18WP	SPS	Hitchland Interchange 345KV	0.89	BEAVER CO 345.00 - Hitchland	Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2
<u>5</u> 5	23SP	SPS	LAMB COUNTY INTERCHANGE 230KV	0.79	LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
5	14WP	SPS	MOORE COUNTY INTERCHANGE 230KV	0.87	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2
5	18SP	SPS	MOORE COUNTY INTERCHANGE 230KV	0.87	GEN560729 1-G13_013_3 0.6900	Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2
5	18WP	SPS	MOORE COUNTY INTERCHANGE 230KV	0.84	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2
5	18WP	SPS	NOBLE_WND 3115.00 115KV	0.89	BEAVER CO 345.00 - Hitchland Interchange 345KV CKT 1	Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2
5	18SP	SPS	OCHILTREE 230KV	0.87	GEN560729 1-G13_013_3 0.6900	Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2
5	18WP	SPS	OCHILTREE 230KV	0.84	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2
5	23WP	SPS	OCHILTREE 230KV	0.90	SPP-SWPS-02A	Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2
5	18WP	SPS	POTTER COUNTY INTERCHANGE 230KV	0.94	BASE CASE	Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2
5	18SP	SPS	POTTER COUNTY INTERCHANGE 345KV	0.89	GEN560729 1-G13_013_3 0.6900	Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2
<u>5</u> 5	18WP 18WP	SPS SPS	POTTER COUNTY INTERCHANGE 345KV  SHERMAN COUNTY SUB 115KV	0.88	SPP-SWPS-02A POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Beaver County Substation Expansion  Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2  Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2
5	18WP	SPS	SHERMAN COUNTY TAP 115KV	0.89	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2
5	18SP	SPS	SPNSPUR_WND7345.00 345KV	0.89	GEN560729 1-G13_013_3 0.6900	Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2
5	18WP	SPS	SPNSPUR_WND7345.00 345KV	0.88	SPP-SWPS-02A	Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2  Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02	Potter to Tolk 345 kV	its rating may be increased based on approved SPP Expansion Plan Network  Upgrades scheduled t

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14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02A	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
18WP	SPS	STATELINE INTERCHANGE 230KV	0.87	SPP-SWPS-02A	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	SPP-SWPS-02	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
18WP	SPS	STLN-DEMARC6 230KV	0.88	STLN-DEMARC6 - SWEETWATER 230KV CKT 1	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
18WP	SPS	Tri County REC-Anthony Sub Tap 115KV	0.89	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2
18WP	SPS	TRI COUNTY REC-COLE 115KV	0.89	(WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2
18WP	SPS	TRI COUNTY REC-GUYMON 115KV	0.90	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2
18SP	SPS	Tri County REC-Whiting Sub 115KV	0.89	GEN560729 1-G13_013_3 0.6900	Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2
18WP	SPS	Tri County REC-Whiting Sub 115KV	0.87	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2
18SP	SPS	WILDOR2_JUS6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
18SP	SPS	WILDORADO WIND GEN 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
18SP	SPS	XIT_INTG 6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
18WP	SPS	EVA REGULATOR 69KV	0.89	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
18WP	SPS	HITCHLAND INTERCHANGE 230KV	0.89	Hitchland Interchange - POTTER COUNTY INTERCHANGE 345KV CKT 1	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
18WP	SPS	HITCHLAND INTERCHANGE 230KV	0.89	BEAVER CO 345.00 - Hitchland Interchange 345KV CKT 1	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
18SP	SPS	HITCHLAND INTERCHANGE 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
18SP	SPS	EVA REGULATOR 69KV	0.78	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
23WP	SPS	OCHILTREE 230KV	0.90	SPP-SWPS-02A	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
	14WP  18WP  18WP  18WP  18WP  18WP  18WP  18SP  18SP  18SP  18WP  18SP	14WP       SPS         18WP       SPS         18SP       SPS	14WP         SPS         STATELINE INTERCHANGE 230KV           18WP         SPS         STLN-DEMARC6 230KV           18WP         SPS         Tri County REC-Anthony Sub Tap 115KV           18WP         SPS         TRI COUNTY REC-COLE 115KV           18WP         SPS         Tri County REC-Whiting Sub 115KV           18WP         SPS         Tri County REC-Whiting Sub 115KV           18WP         SPS         WILDOR2_JUS6230.00 230KV           18SP         SPS         WILDORADO WIND GEN 230KV           18WP         SPS         XIT_INTG 6230.00 230KV           18WP         SPS         HITCHLAND INTERCHANGE 230KV           18WP         SPS         HITCHLAND INTERCHANGE 230KV           18SP         SPS         HITCHLAND INTERCHANGE 230KV           18SP         SPS         HITCHLAND INTERCHANGE 230KV	14WP         SPS         STATELINE INTERCHANGE 230KV         0.90           18WP         SPS         STATELINE INTERCHANGE 230KV         0.87           18WP         SPS         STATELINE INTERCHANGE 230KV         0.88           18WP         SPS         STATELINE INTERCHANGE 230KV         0.88           18WP         SPS         STLN-DEMARC6 230KV         0.88           18WP         SPS         Tri County REC-Anthony Sub Tap 115KV         0.89           18WP         SPS         TRI COUNTY REC-COLE 115KV         0.89           18WP         SPS         Tri County REC-Whiting Sub 115KV         0.89           18WP         SPS         Tri County REC-Whiting Sub 115KV         0.89           18WP         SPS         WILDOR2_JUS6230.00 230KV         0.90           18SP         SPS         WILDORADO WIND GEN 230KV         0.89           18WP         SPS         MIT_INTG 6230.00 230KV         0.89           18WP         SPS         HITCHLAND INTERCHANGE 230KV         0.89           18WP         SPS         HITCHLAND INTERCHANGE 230KV         0.89           18WP         SPS         HITCHLAND INTERCHANGE 230KV         0.89           18SP         SPS         HITCHLAND INTERCHANGE 230KV         0.8	14WP	14WP

5	18WP	SPS	OCHILTREE 230KV	0.84	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
5	18SP	SPS	OCHILTREE 230KV	0.87	GEN560729 1-G13_013_3 0.6900	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
5	18WP	SPS	NOBLE_WND 3115.00 115KV	0.89	BEAVER CO 345.00 - Hitchland Interchange 345KV CKT 1	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
5	18WP	SPS	MOORE COUNTY INTERCHANGE 230KV	0.84	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
5	18SP	SPS	MOORE COUNTY INTERCHANGE 230KV	0.87	GEN560729 1-G13_013_3 0.6900	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
5	14WP	SPS	MOORE COUNTY INTERCHANGE 230KV	0.87	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
5	18WP	SPS	BEAVER COUNTY SUB 115KV	0.89	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
5	18WP	SPS	SPNSPUR_WND7345.00 345KV	0.88	SPP-SWPS-02A	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
5	18SP	SPS	Tri County REC-Whiting Sub 115KV	0.89	GEN560729 1-G13_013_3 0.6900	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
5	18WP	SPS	TRI COUNTY REC-COLE 115KV	0.89	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
5	18WP	SPS	Tri County REC-Anthony Sub Tap 115KV	0.89	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
5	18WP	SPS	TRI COUNTY REC-GUYMON 115KV	0.90	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
5	18WP	SPS	Hitchland Interchange 345KV	0.89	BEAVER CO 345.00 - Hitchland Interchange 345KV CKT 1	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
5	18WP	SPS	Tri County REC-Whiting Sub 115KV	0.87	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
5	18SP	SPS	SPNSPUR_WND7345.00 345KV	0.89	GEN560729 1-G13_013_3 0.6900	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
5	18WP	SPS	SHERMAN COUNTY TAP 115KV	0.89	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
5	18WP	SPS	SHERMAN COUNTY SUB 115KV	0.89	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
5	18WP	SPS	POTTER COUNTY INTERCHANGE 345KV	0.88	SPP-SWPS-02A	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
5	18SP	SPS	POTTER COUNTY INTERCHANGE 345KV	0.89	GEN560729 1-G13_013_3 0.6900	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t

5	18WP	SPS	POTTER COUNTY INTERCHANGE 230KV	0.94	BASE CASE	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t
5	18WP	SPS	EVA REGULATOR 69KV	0.89	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas County to Cole 115kV line
5	18WP	SPS	HITCHLAND INTERCHANGE 230KV	0.89	Hitchland Interchange - POTTER COUNTY INTERCHANGE 345KV CKT 1	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas County to Cole 115kV line
5	18WP	SPS	HITCHLAND INTERCHANGE 230KV	0.89	BEAVER CO 345.00 - Hitchland Interchange 345KV CKT 1	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas County to Cole 115kV line
5	18SP	SPS	HITCHLAND INTERCHANGE 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas County to Cole 115kV line
5	18SP	SPS	EVA REGULATOR 69KV	0.78	HITCHLAND INTERCHANGE (H TP80148301) 230/115/13.2KV TRANSFORMER CKT 1	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas County to Cole 115kV line
5	23WP	SPS	OCHILTREE 230KV	0.90	SPP-SWPS-02A	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas County to Cole 115kV line
5	18WP	SPS	OCHILTREE 230KV	0.84	POTTER COUNTY INTERCHANGE (WAUK 90343-A) 345/230/13.2KV TRANSFORMER CKT 1	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas County to Cole 115kV line
5	18WP	SPS	HARRINGTON STATION 230KV	0.95	BASE CASE	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02A	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.
5	18SP	SPS	WILDORADO WIND GEN 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02A	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.87	SPP-SWPS-02A	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	SPP-SWPS-02	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	18SP	SPS	WILDOR2_JUS6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	18SP	SPS	DEAF SMITH COUNTY INTERCHANGE 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	18WP	SPS	CHERRY1 230KV	0.94	BASE CASE	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	18WP	SPS	STLN-DEMARC6 230KV	0.88	STLN-DEMARC6 - SWEETWATER 230KV CKT 1	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	18SP	SPS	XIT_INTG 6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	23SP	SPS	LAMB COUNTY INTERCHANGE 230KV	0.79	LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	18WP	SPS	HARRINGTON STATION 230KV	0.95	BASE CASE	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02A	Elk City 345/230 kV	Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA transformer at Elk City.
5	18SP	SPS	WILDORADO WIND GEN 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	14WP 14WP	SPS SPS	STATELINE INTERCHANGE 230KV STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02 STATELINE INTERCHANGE - STLN-	Elk City to Gracemont 345kV AEPW  Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).  Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	DEMARC6 230KV CKT 1 SPP-SWPS-02A	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	14WP	SPS	STATELINE INTERCHANGE 230KV STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02A SPP-SWPS-02A	Elk City to Gracemont 345kV AEPW  Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).  Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	SPP-SWPS-02	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	18SP	SPS	WILDOR2_JUS6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	18SP	SPS	DEAF SMITH COUNTY INTERCHANGE 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	18WP	SPS	CHERRY1 230KV	0.94	BASE CASE	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).

	1		T		STLN-DEMARC6 - SWEETWATER 230KV		
5	18WP	SPS	STLN-DEMARC6 230KV	0.88	CKT 1	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	18SP	SPS	XIT_INTG 6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
_	23SP	SPS	LAMB COUNTY INTERCHANGE 230KV	0.79	LAMB COUNTY INTERCHANGE - TOLK	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	18WP	SPS	HARRINGTON STATION 230KV	0.95	STATION WEST 230KV CKT 1  BASE CASE	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
3					STATELINE INTERCHANGE - STLN-	·	
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	DEMARC6 230KV CKT 1	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02A	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).
5	18SP 14WP	SPS SPS	WILDORADO WIND GEN 230KV STATELINE INTERCHANGE 230KV	0.89	GEN560729 1-G13_013_3 0.6900 SPP-SWPS-02	Elk City to Gracemont 345kV OKGE Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).  Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
3					STATELINE INTERCHANGE - STLN-	•	
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	DEMARC6 230KV CKT 1	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02A	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.87	SPP-SWPS-02A	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	SPP-SWPS-02 STATELINE INTERCHANGE - STLN-	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	DEMARC6 230KV CKT 1	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5	18SP	SPS	WILDOR2_JUS6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
	18SP	SPS	DEAF SMITH COUNTY INTERCHANGE	0.89	GEN560729 1-G13_013_3 0.6900	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5			230KV		BASE CASE	•	
5	18WP	SPS	CHERRY1 230KV	0.94	STLN-DEMARC6 - SWEETWATER 230KV	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5	18WP	SPS	STLN-DEMARC6 230KV	0.88	CKT 1	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5	18SP	SPS	XIT_INTG 6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
	23SP	SPS	LAMB COUNTY INTERCHANGE 230KV	0.79	LAMB COUNTY INTERCHANGE - TOLK	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5	18WP	SPS	HARRINGTON STATION 230KV	0.95	STATION WEST 230KV CKT 1  BASE CASE	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5					STATELINE INTERCHANGE - STLN-	•	
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	DEMARC6 230KV CKT 1	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02A	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).
5	18SP	SPS	WILDORADO WIND GEN 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Line - Clark County - Thistle 345 kV dbl Ckt	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02	Line - Clark County - Thistle 345 kV dbl Ckt	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Line - Clark County - Thistle 345 kV dbl Ckt	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02A	Line - Clark County - Thistle 345 kV dbl Ckt	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.87	SPP-SWPS-02A	Line - Clark County - Thistle 345 kV dbl Ckt	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	SPP-SWPS-02	Line - Clark County - Thistle 345 kV dbl Ckt	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Line - Clark County - Thistle 345 kV dbl Ckt	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
5	18SP	SPS	WILDOR2_JUS6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Line - Clark County - Thistle 345 kV dbl Ckt	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
5	18SP	SPS	DEAF SMITH COUNTY INTERCHANGE 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Line - Clark County - Thistle 345 kV dbl Ckt	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
5	18WP	SPS	CHERRY1 230KV	0.94	BASE CASE	Line - Clark County - Thistle 345 kV dbl Ckt	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.

5	18WP	SPS	STLN-DEMARC6 230KV	0.88	STLN-DEMARC6 - SWEETWATER 230KV CKT 1	Line - Clark County - Thistle 345 kV dbl Ckt	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
5	18SP	SPS	XIT_INTG 6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Line - Clark County - Thistle 345 kV dbl Ckt	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
5	23SP	SPS	LAMB COUNTY INTERCHANGE 230KV	0.79	LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1	Line - Clark County - Thistle 345 kV dbl Ckt	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
5	18WP	SPS	HARRINGTON STATION 230KV	0.95	BASE CASE	Line - Clark County - Thistle 345 kV dbl Ckt	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Line - Clark County - Thistle 345 kV dbl Ckt	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02	Line - Clark County - Thistle 345 kV dbl Ckt	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02A	Line - Clark County - Thistle 345 kV dbl Ckt	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV substation at Thistle with a ring bus and necessary terminal equipment.
5	18SP	SPS	WILDORADO WIND GEN 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers and term
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers and term
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers and term
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02A	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.87	SPP-SWPS-02A	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers and term
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	SPP-SWPS-02	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers and term
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers and term
5	18SP	SPS	WILDOR2_JUS6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers and term
5	18SP	SPS	DEAF SMITH COUNTY INTERCHANGE 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the
5	18WP	SPS	CHERRY1 230KV	0.94	BASE CASE	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers and term
5	18WP	SPS	STLN-DEMARC6 230KV	0.88	STLN-DEMARC6 - SWEETWATER 230KV CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers and term
5	18SP	SPS	XIT_INTG 6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the

5	23SP	SPS	LAMB COUNTY INTERCHANGE 230KV	0.79	LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers and term
5	18WP	SPS	HARRINGTON STATION 230KV	0.95	BASE CASE	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers and term
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers and term
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02A	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers and term
5	18SP	SPS	WILDORADO WIND GEN 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal equipme
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal equipme
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal equipme
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02A	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal equipme
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.87	SPP-SWPS-02A	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal equipme
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	SPP-SWPS-02	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal equipme
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal equipme
5	18SP	SPS	WILDOR2_JUS6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal equipme
5	18SP	SPS	DEAF SMITH COUNTY INTERCHANGE 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal equipme
5	18WP	SPS	CHERRY1 230KV	0.94	BASE CASE	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal equipme
5	18WP	SPS	STLN-DEMARC6 230KV	0.88	STLN-DEMARC6 - SWEETWATER 230KV CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal equipme
5	18SP	SPS	XIT_INTG 6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal equipme
5	23SP	SPS	LAMB COUNTY INTERCHANGE 230KV	0.79	LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal equipme
5	18WP	SPS	HARRINGTON STATION 230KV	0.95	BASE CASE	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal equipme

5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal equipme
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal equipme
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02A	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal equipme
5	18SP	SPS	WILDORADO WIND GEN 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02	Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02A	Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.87	SPP-SWPS-02A	Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	SPP-SWPS-02	Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.
5	18SP	SPS	WILDOR2_JUS6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.
5	18SP	SPS	DEAF SMITH COUNTY INTERCHANGE 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.
5	18WP	SPS	CHERRY1 230KV	0.94	BASE CASE	Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.
5	18WP	SPS	STLN-DEMARC6 230KV	0.88	STLN-DEMARC6 - SWEETWATER 230KV CKT 1	Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.
5	18SP	SPS	XIT_INTG 6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.
5	23SP	SPS	LAMB COUNTY INTERCHANGE 230KV	0.79	LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1	Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.
5	18WP	SPS	HARRINGTON STATION 230KV	0.95	BASE CASE	Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02	Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.

5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02A	Line - Spearville - Clark County 345 kV dbl Ckt	Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kV substation with a ring bus and necessary terminal equipment.
5	18SP	SPS	WILDORADO WIND GEN 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02	Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02A	Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.87	SPP-SWPS-02A	Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	SPP-SWPS-02	Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.
5	18SP	SPS	WILDOR2_JUS6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.
5	18SP	SPS	DEAF SMITH COUNTY INTERCHANGE 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.
5	18WP	SPS	CHERRY1 230KV	0.94	BASE CASE	Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.
5	18WP	SPS	STLN-DEMARC6 230KV	0.88	STLN-DEMARC6 - SWEETWATER 230KV CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.
5	18SP	SPS	XIT_INTG 6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.
5	23SP	SPS	LAMB COUNTY INTERCHANGE 230KV	0.79	LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.
5	18WP	SPS	HARRINGTON STATION 230KV	0.95	BASE CASE	Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02	Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02A	Line - Thistle - Wichita 345 kV dbl Ckt PW	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kV substation.
5	18SP	SPS	WILDORADO WIND GEN 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Line - Thistle - Wichita 345 kV dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02	Line - Thistle - Wichita 345 kV dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02A	Line - Thistle - Wichita 345 kV dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.87	SPP-SWPS-02A	Line - Thistle - Wichita 345 kV dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	SPP-SWPS-02	Line - Thistle - Wichita 345 kV dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation
5	18SP	SPS	WILDOR2_JUS6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Line - Thistle - Wichita 345 kV dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation
5	18SP	SPS	DEAF SMITH COUNTY INTERCHANGE 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Line - Thistle - Wichita 345 kV dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation
5	18WP	SPS	CHERRY1 230KV	0.94	BASE CASE	Line - Thistle - Wichita 345 kV dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation
5	18WP	SPS	STLN-DEMARC6 230KV	0.88	STLN-DEMARC6 - SWEETWATER 230KV CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation
5	18SP	SPS	XIT_INTG 6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Line - Thistle - Wichita 345 kV dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation

5	23SP	SPS	LAMB COUNTY INTERCHANGE 230KV	0.79	LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation
5	18WP	SPS	HARRINGTON STATION 230KV	0.95	BASE CASE	Line - Thistle - Wichita 345 kV dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Line - Thistle - Wichita 345 kV dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02	Line - Thistle - Wichita 345 kV dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02A	Line - Thistle - Wichita 345 kV dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation
5	18SP	SPS	WILDORADO WIND GEN 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the necessary brea
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the necessary brea
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the necessary brea
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02A	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the necessary brea
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.87	SPP-SWPS-02A	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the necessary brea
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	SPP-SWPS-02	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the necessary brea
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the necessary brea
5	18SP	SPS	WILDOR2_JUS6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the necessary brea
5	18SP	SPS	DEAF SMITH COUNTY INTERCHANGE 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the necessary brea
5	18WP	SPS	CHERRY1 230KV	0.94	BASE CASE	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the necessary brea
5	18WP	SPS	STLN-DEMARC6 230KV	0.88	STLN-DEMARC6 - SWEETWATER 230KV CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the necessary brea
5	18SP	SPS	XIT_INTG 6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the necessary brea
5	23SP	SPS	LAMB COUNTY INTERCHANGE 230KV	0.79	LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the necessary brea
5	18WP	SPS	HARRINGTON STATION 230KV	0.95	BASE CASE	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the necessary brea
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the necessary brea

5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the necessary brea
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02A	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the necessary brea
5	18SP	SPS	WILDORADO WIND GEN 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Line - Thistle - Woodward 345 kV dbl Ckt PW	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02	Line - Thistle - Woodward 345 kV dbl Ckt PW	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt PW	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02A	Line - Thistle - Woodward 345 kV dbl Ckt PW	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.87	SPP-SWPS-02A	Line - Thistle - Woodward 345 kV dbl Ckt PW	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	SPP-SWPS-02	Line - Thistle - Woodward 345 kV dbl Ckt PW	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt PW	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.
5	18SP	SPS	WILDOR2_JUS6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Line - Thistle - Woodward 345 kV dbl Ckt PW	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.
5	18SP	SPS	DEAF SMITH COUNTY INTERCHANGE 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Line - Thistle - Woodward 345 kV dbl Ckt PW	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.
5	18WP	SPS	CHERRY1 230KV	0.94	BASE CASE	Line - Thistle - Woodward 345 kV dbl Ckt PW	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.
5	18WP	SPS	STLN-DEMARC6 230KV	0.88	STLN-DEMARC6 - SWEETWATER 230KV CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt PW	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.
5	18SP	SPS	XIT_INTG 6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Line - Thistle - Woodward 345 kV dbl Ckt PW	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.
5	23SP	SPS	LAMB COUNTY INTERCHANGE 230KV	0.79	LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt PW	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.
5	18WP	SPS	HARRINGTON STATION 230KV	0.95	BASE CASE	Line - Thistle - Woodward 345 kV dbl Ckt PW	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Line - Thistle - Woodward 345 kV dbl Ckt PW	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02	Line - Thistle - Woodward 345 kV dbl Ckt PW	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02A	Line - Thistle - Woodward 345 kV dbl Ckt PW	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.
5	18SP	SPS	WILDORADO WIND GEN 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02A	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.87	SPP-SWPS-02A	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	SPP-SWPS-02	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
5	18SP	SPS	WILDOR2_JUS6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation

5 18WP SPS CHERRY1 230KV 0.94 BASE CASE Line - Tuco - Woodward 345 kV line OKGE Border reactor substation Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation Border reactor substation Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation Border reactor s								
Section	5	18SP	SPS	DEAF SMITH COUNTY INTERCHANGE 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation
Second Column	5	18WP	SPS	CHERRY1 230KV	0.94	BASE CASE	Line - Tuco - Woodward 345 kV line OKGE	•
1995	5	18WP	SPS	STLN-DEMARC6 230KV	0.88		Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include
## AMERICATION ATTACH (ASSAULT ASSAULT	5	18SP	SPS	XIT_INTG 6230.00 230KV	0.90		Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include
1	5	23SP	SPS	LAMB COUNTY INTERCHANGE 230KV	0.79		Line - Tuco - Woodward 345 kV line OKGE	•
Company   Sept   Company	5	18WP	SPS	HARRINGTON STATION 230KV	0.95	BASE CASE	Line - Tuco - Woodward 345 kV line OKGE	•
Second Color	5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89		Line - Tuco - Woodward 345 kV line OKGE	•
Second Content	5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02	Line - Tuco - Woodward 345 kV line OKGE	•
S	5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02A	Line - Tuco - Woodward 345 kV line OKGE	Border reactor substation
1997   595   STATELINE INTERCHANGE SOUND   0.00   STATELINE INTERCHANGE SOUND   0.0	5	18SP	SPS	WILDORADO WIND GEN 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Line - Tuco - Woodward 345 kV line SPS	Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.
1	5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90		Line - Tuco - Woodward 345 kV line SPS	
S	5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90		Line - Tuco - Woodward 345 kV line SPS	
S	5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02A	Line - Tuco - Woodward 345 kV line SPS	
5   1897   595   STATELINE RITECHANGE 2009V   0.88   STATELINE RITECHANGE 2009V   0.89   STATELINE RITECHANGE 2009V   0.89   STATELINE RITECHANGE 2009V   0.80   CREMINGROUND	5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.87	SPP-SWPS-02A	Line - Tuco - Woodward 345 kV line SPS	line reactor outside Border station and line reactors at Tuco.
Second Content of the Content of t	5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88		Line - Tuco - Woodward 345 kV line SPS	line reactor outside Border station and line reactors at Tuco.
1891   SPS	5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88		Line - Tuco - Woodward 345 kV line SPS	line reactor outside Border station and line reactors at Tuco.
18WP   SPS	5	18SP	SPS	_	0.90	GEN560729 1-G13_013_3 0.6900	Line - Tuco - Woodward 345 kV line SPS	line reactor outside Border station and line reactors at Tuco.
Section   Sect	5	18SP	SPS		0.89	GEN560729 1-G13_013_3 0.6900	Line - Tuco - Woodward 345 kV line SPS	line reactor outside Border station and line reactors at Tuco.
Section   Sect	5	18WP	SPS	CHERRY1 230KV	0.94		Line - Tuco - Woodward 345 kV line SPS	line reactor outside Border station and line reactors at Tuco.
S	5	18WP	SPS	STLN-DEMARC6 230KV	0.88		Line - Tuco - Woodward 345 kV line SPS	line reactor outside Border station and line reactors at Tuco.
Sample   S	5	18SP	SPS	XIT_INTG 6230.00 230KV	0.90		Line - Tuco - Woodward 345 kV line SPS	line reactor outside Border station and line reactors at Tuco.
S	5	23SP	SPS	LAMB COUNTY INTERCHANGE 230KV	0.79		Line - Tuco - Woodward 345 kV line SPS	line reactor outside Border station and line reactors at Tuco.
DEMARCE 230KV   CKT   Line - Tuco - Woodward 345 kV line SYS   line reactor subside Border station and line reactors at Tuco.	5	18WP	SPS	HARRINGTON STATION 230KV	0.95		Line - Tuco - Woodward 345 kV line SPS	line reactor outside Border station and line reactors at Tuco.
SPS   SRAPEVINE INTERCHANGE 230KV   0.89   SPP-SWPS-02A   Line - Tuco - Woodward 345 kV line SPS   Ine reactor outside Border station and line reactors at Tuco.	5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89		Line - Tuco - Woodward 345 kV line SPS	line reactor outside Border station and line reactors at Tuco.
SPS   SRAPEVINE INTERCHANCE 230KV   0.89   SPP-SWPS-02A   Mathewson - Tatonga 345 kV Ckt 2   Accelerate   A	5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02	Line - Tuco - Woodward 345 kV line SPS	line reactor outside Border station and line reactors at Tuco.
SP   SPS   WILDORADO WIND GEN 20NV   0.99   GENSOU29 FG13_013_3 0.900   Accelerate   Build new 61 mile Tatonga - Mathewson 345 kV line.	5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02A		
SPP-SWPS-02   Accelerate   Build new 61 mile Tatonga - Mathewson 345 kV line.	5	18SP	SPS	WILDORADO WIND GEN 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
14WP   SPS   STATELINE INTERCHANGE 230KV   0.90   DEMARC6 230KV CKT 1   Accelerate   Build new 61 mile 1atonga - Mathewson 345 kV Ckt 2   Accelerate   Accelerate   Accelerate   Accelerate   Build new 61 mile 1atonga - Mathewson 345 kV line.	5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90		Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
Accelerate   Build new 61 mile Tatonga - Mathewson 345 kV line.	5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90		Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
SPS   STATELINE INTERCHANGE 230KV   0.87   SPP-SWPS-02   Accelerate   Build new 61 mile Tatonga - Mathewson 345 kV line.	5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02A	Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
5         18WP         SPS         STATELINE INTERCHANGE 230KV         0.88         SPP-SVPS-02         Accelerate         Build new 61 mile Tatonga - Mathewson 345 kV line.           5         18WP         SPS         STATELINE INTERCHANGE 230KV         0.88         STATELINE INTERCHANGE - STLN-DEMARC6 230KV CKT 1         Mathewson - Tatonga 345 kV Ckt 2 Accelerate         Build new 61 mile Tatonga - Mathewson 345 kV line.           5         18SP         SPS         WILDOR2_JUS6230.00 230KV         0.90         GEN560729 1-G13_013_3 0.6900         Mathewson - Tatonga 345 kV Ckt 2 Accelerate         Build new 61 mile Tatonga - Mathewson 345 kV line.           5         18SP         SPS         DEAF SMITH COUNTY INTERCHANGE 230KV         0.89         GEN560729 1-G13_013_3 0.6900         Mathewson - Tatonga 345 kV Ckt 2 Accelerate         Build new 61 mile Tatonga - Mathewson 345 kV line.           6         18WP         SPS         CHERRY1 230KV         0.94         BASE CASE         Mathewson - Tatonga 345 kV Ckt 2 Accelerate         Build new 61 mile Tatonga - Mathewson 345 kV line.           5         18WP         SPS         STLN-DEMARC6 230KV         0.88         STLN-DEMARC6 - SWEETWATER 230KV CKT 1         Mathewson - Tatonga 345 kV Ckt 2 Accelerate         Build new 61 mile Tatonga - Mathewson 345 kV line.	5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.87	SPP-SWPS-02A	Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
SPS   STATELINE INTERCHANGE 230KV   0.88   DEMARC6 230KV CKT 1   Accelerate   Build new 61 mile Tatonga - Mathewson 345 kV line.	5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88		Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
5         18SP         SPS         WILDORZ_JOS6230.00 230KV         0.90         GEN560729 1-G13_013_3 0.6900         Accelerate         Build new 61 mile Tatonga - Mathewson 345 kV line.           5         18SP         SPS         DEAF SMITH COUNTY INTERCHANGE 230KV         0.89         GEN560729 1-G13_013_3 0.6900         Mathewson - Tatonga 345 kV Ckt 2 Accelerate         Build new 61 mile Tatonga - Mathewson 345 kV line.           5         18WP         SPS         CHERRY1 230KV         0.94         BASE CASE         Mathewson - Tatonga 345 kV Ckt 2 Accelerate         Build new 61 mile Tatonga - Mathewson 345 kV line.           5         18WP         SPS         STLN-DEMARC6 230KV         0.88         STLN-DEMARC6 - SWEETWATER 230KV Ckt 2 Accelerate         Mathewson - Tatonga 345 kV Ckt 2 Accelerate         Build new 61 mile Tatonga - Mathewson 345 kV line.	5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88		Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
5         18SP         SPS         230KV         0.89         GEN560/29 1-G13_013_3 0.6900         Accelerate         Build new 61 mile Tatonga - Mathewson 345 kV line.           5         18WP         SPS         CHERRY1 230KV         0.94         BASE CASE         Mathewson - Tatonga 345 kV Ckt 2 Accelerate         Build new 61 mile Tatonga - Mathewson 345 kV line.           5         18WP         SPS         STLN-DEMARC6 230KV         0.88         STLN-DEMARC6 - SWEETWATER 230KV Ckt 2 Accelerate         Mathewson - Tatonga 345 kV Ckt 2 Accelerate         Build new 61 mile Tatonga - Mathewson 345 kV line.           18SP         SPS         XIT_INTG 6230 00 230KV         0.90         GEN560729 1-G13_013_3_0.6900         Mathewson - Tatonga 345 kV Ckt 2         Build new 61 mile Tatonga - Mathewson 345 kV line.	5	18SP	SPS	_	0.90	GEN560729 1-G13_013_3 0.6900	Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
5 18WP SPS CHERRY1 230KV 0.94 BASE CASE Accelerate  18WP SPS CHERRY1 230KV 0.94 BASE CASE Accelerate  18WP SPS STLN-DEMARC6 230KV 0.88 STLN-DEMARC6 - SWEETWATER 230KV Accelerate Build new 61 mile Tatonga - Mathewson 345 kV line.  18WP SPS STLN-DEMARC6 230KV 0.88 STLN-DEMARC6 - SWEETWATER 230KV Accelerate Build new 61 mile Tatonga - Mathewson 345 kV line.  18SP SPS XIT_INTG_6230.00.230KV 0.90 GEN560729 1-G13_013_3_0.6900 Mathewson - Tatonga 345 kV Ckt 2  Build new 61 mile Tatonga - Mathewson 345 kV line.  Mathewson - Tatonga 345 kV Ckt 2  Build new 61 mile Tatonga - Mathewson 345 kV line.	5	18SP	SPS		0.89	GEN560729 1-G13_013_3 0.6900	Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
5 18WP SPS STEN-DEMARC6 230KV 0.88 CKT 1 Accelerate Build new 61 mile Tatonga - Mathewson 345 kV line.  18SP SPS XIT_INTG_6230.00 230KV 0.90 GEN560729 1-G13_013_3_0.6900 Mathewson - Tatonga 345 kV Ckt 2  Build new 61 mile Tatonga - Mathewson 345 kV line.	5	18WP	SPS	CHERRY1 230KV	0.94		Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
1 165P 1 5P5 1 XII IVII 7 DXII IVII 7 IVIV 1 17 IVIV 1 1	5	18WP	SPS	STLN-DEMARC6 230KV	0.88		Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
<u> </u>	5	18SP	SPS	XIT_INTG 6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900		Build new 61 mile Tatonga - Mathewson 345 kV line.

5	23SP	SPS	LAMB COUNTY INTERCHANGE 230KV	0.79	LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1	Mathewson - Tatonga 345 kV Ckt 2 Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
5	18WP	SPS	HARRINGTON STATION 230KV	0.95	BASE CASE	Mathewson - Tatonga 345 kV Ckt 2 Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Mathewson - Tatonga 345 kV Ckt 2 Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02	Mathewson - Tatonga 345 kV Ckt 2 Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02A	Mathewson - Tatonga 345 kV Ckt 2 Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.
5	18SP	SPS	WILDORADO WIND GEN 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Mathewson 345 kV Accelerate	Build new Mathewson 345 kV substation at the intersection of the Woodring- Cimarron and the existing Northwest - Tatonga 345 kV lines.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02	Mathewson 345 kV Accelerate	Build new Mathewson 345 kV substation at the intersection of the Woodring- Cimarron and the existing Northwest - Tatonga 345 kV lines.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Mathewson 345 kV Accelerate	Build new Mathewson 345 kV substation at the intersection of the Woodring- Cimarron and the existing Northwest - Tatonga 345 kV lines.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02A	Mathewson 345 kV Accelerate	Build new Mathewson 345 kV substation at the intersection of the Woodring- Cimarron and the existing Northwest - Tatonga 345 kV lines.
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.87	SPP-SWPS-02A	Mathewson 345 kV Accelerate	Build new Mathewson 345 kV substation at the intersection of the Woodring- Cimarron and the existing Northwest - Tatonga 345 kV lines.
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	SPP-SWPS-02	Mathewson 345 kV Accelerate	Build new Mathewson 345 kV substation at the intersection of the Woodring- Cimarron and the existing Northwest - Tatonga 345 kV lines.
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Mathewson 345 kV Accelerate	Build new Mathewson 345 kV substation at the intersection of the Woodring- Cimarron and the existing Northwest - Tatonga 345 kV lines.
5	18SP	SPS	WILDOR2_JUS6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Mathewson 345 kV Accelerate	Build new Mathewson 345 kV substation at the intersection of the Woodring- Cimarron and the existing Northwest - Tatonga 345 kV lines.
5	18SP	SPS	DEAF SMITH COUNTY INTERCHANGE 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Mathewson 345 kV Accelerate	Build new Mathewson 345 kV substation at the intersection of the Woodring- Cimarron and the existing Northwest - Tatonga 345 kV lines.
5	18WP	SPS	CHERRY1 230KV	0.94	BASE CASE	Mathewson 345 kV Accelerate	Build new Mathewson 345 kV substation at the intersection of the Woodring- Cimarron and the existing Northwest - Tatonga 345 kV lines.
5	18WP	SPS	STLN-DEMARC6 230KV	0.88	STLN-DEMARC6 - SWEETWATER 230KV CKT 1	Mathewson 345 kV Accelerate	Build new Mathewson 345 kV substation at the intersection of the Woodring- Cimarron and the existing Northwest - Tatonga 345 kV lines.
5	18SP	SPS	XIT_INTG 6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Mathewson 345 kV Accelerate	Build new Mathewson 345 kV substation at the intersection of the Woodring- Cimarron and the existing Northwest - Tatonga 345 kV lines.
5	23SP	SPS	LAMB COUNTY INTERCHANGE 230KV	0.79	LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1	Mathewson 345 kV Accelerate	Build new Mathewson 345 kV substation at the intersection of the Woodring- Cimarron and the existing Northwest - Tatonga 345 kV lines.
5	18WP	SPS	HARRINGTON STATION 230KV	0.95	BASE CASE	Mathewson 345 kV Accelerate	Build new Mathewson 345 kV substation at the intersection of the Woodring- Cimarron and the existing Northwest - Tatonga 345 kV lines.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Mathewson 345 kV Accelerate	Build new Mathewson 345 kV substation at the intersection of the Woodring- Cimarron and the existing Northwest - Tatonga 345 kV lines.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02	Mathewson 345 kV Accelerate	Build new Mathewson 345 kV substation at the intersection of the Woodring- Cimarron and the existing Northwest - Tatonga 345 kV lines.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02A	Mathewson 345 kV Accelerate	Build new Mathewson 345 kV substation at the intersection of the Woodring- Cimarron and the existing Northwest - Tatonga 345 kV lines.
5	18SP	SPS	WILDORADO WIND GEN 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02A	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.87	SPP-SWPS-02A	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	SPP-SWPS-02	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5	18SP	SPS	WILDOR2_JUS6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5	18SP	SPS	DEAF SMITH COUNTY INTERCHANGE 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5	18WP	SPS	CHERRY1 230KV	0.94	BASE CASE	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5	18WP	SPS	STLN-DEMARC6 230KV	0.88	STLN-DEMARC6 - SWEETWATER 230KV CKT 1	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5	18SP	SPS	XIT_INTG 6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5	23SP	SPS	LAMB COUNTY INTERCHANGE 230KV	0.79	LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1	Tatonga - Woodward EHV 345 kV Ckt 2  Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5	18WP	SPS	HARRINGTON STATION 230KV	0.95	BASE CASE	Tatonga - Woodward EHV 345 kV Ckt 2  Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Tatonga - Woodward EHV 345 kV Ckt 2  Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.

		<u> </u>	T		ı	Tatonga - Woodward EHV 345 kV Ckt 2	T
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02A	Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.
5	18SP 14WP	SPS SPS	WILDORADO WIND GEN 230KV STATELINE INTERCHANGE 230KV	0.89	GEN560729 1-G13_013_3 0.6900 SPP-SWPS-02	XFR - Thistle 345/138 kV XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.  Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02A	XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.
5	18WP	SPS SPS	STATELINE INTERCHANGE 230KV	0.87	SPP-SWPS-02A SPP-SWPS-02	XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.  Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.
ე			STATELINE INTERCHANGE 230KV	0.88	SPP-SWPS-02 STATELINE INTERCHANGE - STLN-	XFR - Thistle 345/138 kV	
5 5	18WP	SPS SPS	STATELINE INTERCHANGE 230KV WILDOR2_JUS6230.00 230KV	0.88	DEMARC6 230KV CKT 1 GEN560729 1-G13_013_3 0.6900	XFR - Thistle 345/138 kV  XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.  Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.
	18SP	SPS	DEAF SMITH COUNTY INTERCHANGE	0.89	GEN560729 1-G13_013_3 0.6900	XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.
<u>5</u> 5	18WP	SPS	230KV CHERRY1 230KV	0.94	BASE CASE	XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.
-	18WP	SPS	STLN-DEMARC6 230KV	0.88	STLN-DEMARC6 - SWEETWATER 230KV	XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.
<u>5</u>	18SP	SPS	XIT INTG 6230.00 230KV	0.90	CKT 1 GEN560729 1-G13 013 3 0.6900	XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.
5	23SP	SPS	LAMB COUNTY INTERCHANGE 230KV	0.79	LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1	XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.
5	18WP	SPS	HARRINGTON STATION 230KV	0.95	BASE CASE	XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02	XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02A	XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.  Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry
5	18SP	SPS	WILDORADO WIND GEN 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Cherry Co - Gentleman 345 kV Ckt1	County 345 kV Substation (76 miles).  Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02	Cherry Co - Gentleman 345 kV Ckt1	County 345 kV Substation (76 miles).
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02A	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.87	SPP-SWPS-02A	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	SPP-SWPS-02	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry  County 345 kV Substation (76 miles).
5	18SP	SPS	WILDOR2_JUS6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	18SP	SPS	DEAF SMITH COUNTY INTERCHANGE 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	18WP	SPS	CHERRY1 230KV	0.94	BASE CASE	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	18WP	SPS	STLN-DEMARC6 230KV	0.88	STLN-DEMARC6 - SWEETWATER 230KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	18SP	SPS	XIT_INTG 6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	23SP	SPS	LAMB COUNTY INTERCHANGE 230KV	0.79	LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	18WP	SPS	HARRINGTON STATION 230KV	0.95	BASE CASE	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02A	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	18SP	SPS	WILDORADO WIND GEN 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02A	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.87	SPP-SWPS-02A	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	SPP-SWPS-02	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	18SP	SPS	WILDOR2_JUS6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).

5	18SP	SPS	DEAF SMITH COUNTY INTERCHANGE 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	18WP	SPS	CHERRY1 230KV	0.94	BASE CASE	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	18WP	SPS	STLN-DEMARC6 230KV	0.88	STLN-DEMARC6 - SWEETWATER 230KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	18SP	SPS	XIT_INTG 6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	23SP	SPS	LAMB COUNTY INTERCHANGE 230KV	0.79	LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	18WP	SPS	HARRINGTON STATION 230KV	0.95	BASE CASE	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02A	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation. (Estimated 146 miles).
5	18SP	SPS	WILDORADO WIND GEN 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	14WP	SPS	STATELINE INTERCHANGE 230KV	0.90	SPP-SWPS-02A	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.87	SPP-SWPS-02A	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	SPP-SWPS-02	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	18WP	SPS	STATELINE INTERCHANGE 230KV	0.88	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	18SP	SPS	WILDOR2_JUS6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	18SP	SPS	DEAF SMITH COUNTY INTERCHANGE 230KV	0.89	GEN560729 1-G13_013_3 0.6900	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	18WP	SPS	CHERRY1 230KV	0.94	BASE CASE	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	18WP	SPS	STLN-DEMARC6 230KV	0.88	STLN-DEMARC6 - SWEETWATER 230KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	18SP	SPS	XIT_INTG 6230.00 230KV	0.90	GEN560729 1-G13_013_3 0.6900	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	23SP	SPS	LAMB COUNTY INTERCHANGE 230KV	0.79	LAMB COUNTY INTERCHANGE - TOLK STATION WEST 230KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	18WP	SPS	HARRINGTON STATION 230KV	0.95	BASE CASE	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	STATELINE INTERCHANGE - STLN- DEMARC6 230KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	18WP	SPS	GRAPEVINE INTERCHANGE 230KV	0.89	SPP-SWPS-02A	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.

Tra	ansmission Owner	Upgrade	Solution	Earliest Date Upgrade Required (DUN)	Estimated Date of Upgrade Completion (EOC)	Estimated Engineering & Construction Cost
SPS	3	JONES STATION - TUCO INTERCHANGE 230KV CKT 1	Rebuld 26.89 miles	10/1/2014	10/1/2016	\$ 40,904,962

Construction Pending Projects - The requested service is contingent upon completion of the following upgrades. Cost is not assignable to the transmission customer.

Transmission Owner	Upgrade	Solution	Earliest Date Upgrade Required (DUN)	Estimated Date of Upgrade Completion (EOC)	I	ted Engineering
OKGE	Beaver County Substation Expansion	Expand Beaver County Substation to tap the Hitchland to Woodward circuit 2	6/1/2015	6/1/2018	\$	14,630,926
OKGE	Cimarron - Mathewson 345 kV Ckt 1 Accelerate	Build new 16 mile 345 kV line from Mathweson to Cimarron.	10/1/2014	6/1/2015	\$	32,780,617
OKGE	Mathewson - Tatonga 345 kV Ckt 2 Accelerate	Build new 61 mile Tatonga - Mathewson 345 kV line.	10/1/2014	6/1/2015	\$	82,139,900
		Build new Mathewson 345 kV substation at the intersection of the Woodring-Cimarron and				
OKGE	Mathewson 345 kV Accelerate	the existing Northwest - Tatonga 345 kV lines.	10/1/2014	6/1/2015	\$	20,169,602
OKGE	Tatonga - Woodward EHV 345 kV Ckt 2 Accelerate	Build new 49-mile Woodward EHV - Tatonga 345 kV Ckt 2 line.	10/1/2014	6/1/2015	\$	71,876,622
SPS	CARLISLE INTERCHANGE - TUCO INTERCHANGE 230KV CKT 1	Replace Terminal Equipment	6/1/2015	6/1/2016	\$	240,000
SPS	Carlisle - SP Erskine 115 kV Ckt 1	Reconductor 1.49 miles from Carlisle to SP-Erskine.	6/1/2018	6/1/2018	\$	886,550
SPS	Indiana - SP Erskine 115 kV Ckt 1 Accelerate	Reconductor 4 miles from Indiana to SP-Erskine.	6/1/2018	6/1/2018	\$	2,380,000
SPS	Potter to Tolk 345 kV	Build 111 mile 345 kV line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network Upgrades scheduled t	10/1/2014	12/31/2018	\$	168,852,765

Expansion Plan Projects - The requested service is contingent upon completion of the following upgrades. Cost is not assignable to the transmission customer.

Transmission Owner	Ungrade I Solution		Earliest Date Upgrade Required (DUN)	Estimated Date of Upgrade Completion (EOC)
		Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the		•
ITCGP	Line - Clark County - Thistle 345 kV dbl Ckt	Thistle 345 kV substation to the new Clark County substation. Build a new 345 kV	6/1/2014	1/1/2015
		Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the		
ITCGP	Line - Spearville - Clark County 345 kV dbl Ckt	Spearville substation to the new Clark County substation. Build the Clark County 345 kV	6/1/2014	1/1/2015
ITCGP	XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.	6/1/2014	1/1/2015
		Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the		
OKGE	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	Woodward District EHV substation to the SPS interception from the Hitchland substation.	6/1/2014	7/1/2014
		Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the		
OKGE	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	Woodward District EHV substation to the Kansas/Oklahoma state border towards the	6/1/2014	1/1/2015
		Build new 345 kV line from Woodward EHV to Border - Project costs now include Border		
OKGE	Line - Tuco - Woodward 345 kV line OKGE	reactor substation	6/1/2014	6/1/2014
		Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the		
PW	Line - Thistle - Wichita 345 kV dbl Ckt PW	Wichita substation to the new Thistle 345 kV substation.	6/1/2014	1/1/2015
		Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the		
PW	Line - Thistle - Woodward 345 kV dbl Ckt PW	Thistle substation to the Kansas/Oklahoma state border towards the Woodward District	6/1/2014	1/1/2015
		Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland		
SPS	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	substation to the OGE interception point from the Woodward District EHV substation.	6/1/2014	7/1/2014
		Build new 345 kV line from Tuco to OGE Border station near TX/OK Stateline. Install line		
SPS	Line - Tuco - Woodward 345 kV line SPS	reactor outside Border station and line reactors at Tuco.	6/1/2014	6/1/2014
		Upgrade the Wichita substation with the necessary breakers and terminal equipment to		
WERE	Line - Thistle - Wichita 345 kV dbl Ckt WERE	accommodate two new 345 kV circuits from the new Thistle 345 kV substation	6/1/2014	1/1/2015

Reliability Projects - The requested service is contingent upon completion of the following upgrades. Cost is not assignable to the transmission customer.

Transmission Owner	Upgrade	Solution	Earliest Date Upgrade Required (DUN)	Estimated Date of Upgrade Completion (EOC)
		Expand Elk City substation (or build new station). Install a 345/230 kV 675 MVA		
AEPW	Elk City 345/230 kV	transformer at Elk City.	10/1/2014	3/1/2018
AEPW	Elk City to Gracemont 345kV AEPW	Build new 46.5 mile 345 kV line from Elk City to Gracemont (AEP portion).	10/1/2014	3/1/2018
		Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County		
NPPD	Cherry Co - Gentleman 345 kV Ckt1	345 kV Substation (76 miles).	10/1/2014	1/1/2018
		Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new		
NPPD	Cherry Co - Holt Co 345 kV Ckt1	345 kV Holt County Substation. (Estimated 146 miles).	10/1/2014	1/1/2018
NPPD	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.	10/1/2014	1/1/2018
OKGE	Elk City to Gracemont 345kV OKGE	Build new 46.5 mile 345 kV line from Elk City to Gracemont (OGE portion).	10/1/2014	3/1/2018
SPS	Amoco - Tuco 345 kV Ckt 1	Build new 67-mile 345 kV line from Tuco to Amoco.	6/1/2018	1/1/2020
		Build 15 miles of new 230 kV line from Carlisle to Wolfforth South and install necessary		
SPS	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1	terminal equipment.	6/1/2018	6/1/2017
SPS	Hitchland 230/115/13.2 kV Transformer Ckt 2	Build a second 230/115/13.2 kV transformer at Hitchland.	6/1/2015	6/1/2017
SPS	Indiana - Stanton 115 kV Ckt 1	Reconductor 1.5 miles line from Indiana to Stanton.	6/1/2018	6/1/2018
SPS	MULTI - Tuco-New Deal 345 kV	New 345/155kV transformer between Tuco and Stanton, Build new 345kV line between Tuco and high side of new transformer between Tuco and Stanton, Build new 115kV line between Stanton and low side of new transformer between Tuco and Stanton	10/1/2014	6/1/2019
373	MOLTI - Tuco-New Dear 545 KV		10/1/2014	6/1/2018
SPS	Optima 345/115 kV	New 345/115kV substation between Texas County to Cole 115kV line and Finney to Hitchland 345 kV line, Rebuild Texas County to Cole 115kV line	6/1/2015	6/1/2019