



# Aggregate Facility Study SPP-2011-AG2-AFS-1

7/29/2011

SPP Engineering, SPP Transmission Service Studies



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# Table of Contents

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<b>Table of Contents .....</b>	<b>1</b>
<b>Executive Summary .....</b>	<b>2</b>
<b>Introduction.....</b>	<b>3</b>
<b>Financial Analysis .....</b>	<b>5</b>
<b>Third-Party Facilities .....</b>	<b>6</b>
<b>Study Methodology .....</b>	<b>6</b>
Description .....	6
Model Development.....	7
Transmission Request Modeling.....	8
Transfer Analysis .....	8
Curtailement and Redispatch Evaluation.....	8
<b>Study Results .....</b>	<b>9</b>
Study Analysis Results .....	9
Example A:.....	10
Example B:.....	10
Example C:.....	11
Study Definitions .....	11
<b>Conclusion .....</b>	<b>11</b>
<b>Appendix A .....</b>	<b>13</b>
BASE CASE SETTINGS: .....	13
ACCC CASE SETTINGS:.....	13

## Executive Summary

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Pursuant to Attachment Z1 of the Southwest Power Pool, Inc. (SPP) Open Access Transmission Tariff (OATT), 5941 MW of long-term transmission service requests have been studied in this Aggregate Facility Study (AFS). The principal objective of the AFS is to identify system problems and potential modifications necessary to facilitate these transfers while maintaining or improving system reliability, as well as summarizing the operating limits and determination of the financial characteristics associated with facility upgrades. A highly tangible benefit of studying transmission requests aggregately under the SPP OATT Attachment Z1 is the sharing of costs among Transmission Customers using the same facility. Facility upgrade costs are allocated on a prorated basis to all requests positively impacting any individual overloaded facility.

Attachment Z2 further provides for facility upgrade cost recovery by stating: “Transmission Customers paying Directly Assigned Upgrade Costs for Service Upgrades or that are in excess of the Safe Harbor Cost Limit for Network Upgrades associated with new or changed Designated Resources and Project Sponsors paying Directly Assigned Upgrade Costs for Sponsored Upgrades shall receive revenue credits in accordance with Attachment Z2. Generation Interconnection Customers paying for Network Upgrades shall receive credits for new transmission service using the facility as specified in Attachment Z1.”

- The AFS determined that the total assigned facility upgrade Engineering and Construction (E&C) cost is \$1.3 billion. Additionally, an indeterminate amount of assigned E&C cost for third party facility upgrades are assignable to the customer.
- Total upgrade levelized revenue requirements for all transmission requests after consideration of potential base plan funding is \$2.9 Billion.

To accommodate the requested SPP Transmission Service, third-party facilities must be upgraded when the third-party transmission provider determines that they are constrained. Third-party facilities include both first-tier neighboring facilities outside SPP and Transmission Owner facilities within SPP that are not under the SPP OATT. In this AFS, third-party facilities were identified. Total E&C cost estimates for required third-party facility upgrades are applicable.

SPP will tender a Letter of Intent on July 29, 2011. This will open a 15-day window for Customer response. To remain in the Aggregate Transmission Service Study (ATSS), SPP must receive from the Customer by August 13, 2011, an executed Letter of Intent. The Letter of Intent will list options the Customer must choose to clarify their commitment to remain in the ATSS. The only action required on OASIS is to withdraw the request or leave the request in study mode.

At the conclusion of the ATSS, Service Agreements for each request for service will be tendered identifying the terms and conditions of the confirmed service.

If Customers withdraw from the ATSS after posting of this AFS, the AFS will be re-performed to determine final cost allocation and Available Transmission Capability (ATC) in consideration of the remaining ATSS participants. All allocated revenue requirements for facility upgrades are assigned

to the Customer in the AFS data tables. Potential base plan funding allowable is contingent upon validation of designated resources meeting Attachment J, Section III B criteria.

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## Introduction

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Important milestones and dates in SPP's Aggregate Transmission Study process:

- In 2005, the Federal Energy Regulatory Commission (FERC) accepted SPP's proposed Aggregate Transmission Study procedures in Docket ER05-109.
- In 2008, in Docket ER08-1379-000 SPP filed with FERC to pair open seasons closing during January 2010 with an effective date of August 9, 2008.
- In January 2010, in Docket ER10-659-000 SPP filed with FERC to extend its current practice of pairing open seasons through January 31, 2011, with an effective date of January 28, 2010.
- In March 2010, in Docket ER10-659-000 FERC issued a letter order accepting SPP's proposal to continue to pair open seasons through January 31, 2011, effective January 28, 2010.
- The 2011-AG2 open season commenced February 1, 2011 and closed May 31, 2011.
- All requests for long-term transmission service with a signed study agreement received before June 1, 2011 for 2011-AG2 have been included in this second Aggregate Transmission Service Study (ATSS) of 2011.

Approximately 5941 MW of long-term Transmission Service was studied in this Aggregate Facility Study (AFS), and over \$1.3 billion in transmission upgrades is proposed. The results of the AFS are detailed in Tables 1 through 6. Detailed results depict individual upgrade costs by study and potential base plan allowances determined by Attachments J and Z1. The [OATT](#) may be accessed at SPP's website by going to [SPP.org](#)>Org Groups>Governing Documents.

To understand the extent to which Base Plan Upgrades may be applied to both Point-to-Point (PTP) and Network Transmission Services, it is necessary to highlight the definition of Designated Resource. Per Section 1.9a of the SPP OATT, a Designated Resource is:

“[a]ny designated generation resource owned, purchased or leased by a Transmission Customer to serve load in the SPP Region. Designated Resources do not include any resource, or any portion thereof, that is committed for sale to third parties or otherwise cannot be called upon to meet the Transmission Customer's load on a non-interruptible basis.”

Network and PTP service has potential for base plan funding if the conditions for classifying upgrades associated with designated resources as Base Plan Upgrades as defined in Section III.B of Attachment J are met.

Pursuant to Attachment J, Section III B of the SPP OATT, the Transmission Customer must provide SPP information necessary to verify that the new or changed Designated Resource meets the following conditions:

1. Transmission Customer's commitment to the requested new or changed Designated Resource must have a duration of at least five years.
2. During the first year the Designated Resource is planned to be used by the Transmission Customer, the accredited capacity of the Transmission Customer's existing Designated Resources plus the lesser of:
  - a. The planned maximum net dependable capacity applicable to the Transmission Customer or
  - b. The requested capacity; shall not exceed 125% of the Transmission Customer's projected system peak responsibility determined pursuant to SPP Criteria 2.

According to Attachment Z1 Section VI.A, PTP customers pay the higher of the monthly transmission access charge (base rate) or the monthly revenue requirement associated with the assigned facility upgrades, including any prepayments for redispatch required during construction.

Network Integration Service Customers pay the total monthly transmission access charges and the monthly revenue requirement associated with the facility upgrades, including any prepayments for redispatch during construction.

Transmission Customers paying for a directly assigned Network Upgrade shall receive credits for new transmission service using the facility as specified in Attachment Z2.

Facilities identified as limiting the requested Transmission Service have been reviewed to determine the required in-service date of each Network Upgrade. The year that each Network Upgrade is required to accommodate a request is determined by interpolating between the applicable model years given the respective loading data. Both previously assigned facilities and the facilities assigned to this request for Transmission Service were evaluated.

In some instances, due to lead times for engineering and construction, Network Upgrades may not be available when required to accommodate a request for Transmission Service. When this occurs, the ATC with available Network Upgrades will be less than the capacity requested during either a portion of or all of the requested reservation period. As a result, the lowest seasonal allocated ATC within the requested reservation period will be offered to the Transmission Customer on an applicable annual basis as listed in Table 1. The ATC may be limited by transmission owner planned projects, expansion plan projects, or Customer assigned upgrades.

Some constraints identified in the AFS were not assigned to the Customer because SPP, the Transmission Provider, determined that upgrades are not required due to various reasons or the Transmission Owner has construction plans pending for these upgrades. These facilities are listed by reservation in Table 3. This table also includes constrained facilities in the current planning horizon that limit the rollover rights of the Transmission Customer. Table 6 lists possible redispatch pairs to allow start of service prior to completion of assigned Network Upgrades. Table 7 (if applicable) lists

deferment of expansion plan projects with different upgrades with the new required in service date as a result of this AFS.

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## Financial Analysis

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The AFS utilizes the allocated Customer's E&C cost in a present worth analysis to determine the monthly levelized revenue requirement of each facility upgrade over the term of the reservation. In some cases, Network Upgrades cannot be completed within the requested reservation period, thus deferred reservation periods will be utilized in the present worth analysis. If the Customer chose Option 2, Redispatch, in the Letter of Intent sent coincident with the initial AFS, the present worth analysis of revenue requirements will be based on the deferred term with redispatch in the subsequent AFS. The upgrade levelized revenue requirement includes interest, depreciation, and carrying costs.

Each request for Transmission Service is evaluated independently as the cost associated with each Network Upgrade is assigned to a request. When facilities are upgraded throughout the reservation period, the Transmission Customer shall 1) pay the total E&C costs and other annual operating costs associated with the new facilities, and 2) receive credits associated with the depreciated book value of removed usable facilities; salvage value of removed non-usable facilities; and the carrying charges, excluding depreciation, associated with all removed usable facilities based on their respective book values.

In the event that the engineering and construction of a previously assigned Network Upgrade may be accelerated, with no additional upgrades, to accommodate a new request for Transmission Service, the levelized present worth of only the incremental expenses though the reservation period of the new request, excluding depreciation, shall be assigned to the new request. These incremental expenses, excluding depreciation, include:

1. The levelized difference in present worth of the engineering and construction expenses given the change in date to complete construction to account for additional interest expense and reduced engineering and construction expense due to inflation,
2. The levelized present worth of all expediting fees, and
3. The levelized present worth of the incremental annual carrying charges, excluding depreciation and interest, during the new reservation period taking into account both:
  - a. The reservation in which the project was originally assigned, and
  - b. A reservation, if any, in which the project was previously accelerated.

In the case of a Base Plan Upgrade being displaced or deferred by an earlier in service date for a requested upgrade, achievable base plan avoided revenue requirements shall be determined per Attachment J, Section VII.B methodology. A deferred Base Plan Upgrade is defined as a different requested Network Upgrade needed at an earlier date that negates the need for the initial Base Plan

Upgrade within the planning horizon. A displaced Base Plan Upgrade is defined as the same Network Upgrade being displaced by a requested upgrade needed at an earlier date.

A 40-year service life assumption is utilized for Base Plan funded projects, unless another assumption is provided by the Transmission Owner. A present worth analysis of revenue requirements on a common year basis between the Base Plan and Requested Upgrades was performed to determine avoided Base Plan revenue requirements due to the displacement or deferral of the Base Plan Upgrade by the Requested Upgrade. The difference in present worth between the Base Plan and Requested Upgrades is assigned to the transmission requests impacting this upgrade based on the displacement or deferral.

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## Third-Party Facilities

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For third-party facilities listed in Table 3 and Table 5, the Transmission Customer is responsible for funding the necessary upgrades of these facilities per Section 21.1 of the Transmission Provider's OATT. In this AFS, third-party facilities were identified. Total E&C cost estimates for required third-party facility upgrades are applicable. The Transmission Provider will undertake reasonable efforts to assist the Transmission Customer in making arrangements for necessary engineering, permitting, and construction of the third-party facilities. Third-party facility upgrade E&C cost estimates are not utilized to determine the present worth value of leveled revenue requirements for SPP system Network Upgrades.

All modeled facilities within the Transmission Provider system were monitored during the development of this study, as well as certain facilities in first-tier neighboring systems. Third-party facilities must be upgraded when it is determined that they are overloaded while accommodating the requested Transmission Service. An agreement between the Customer and third party owner detailing the mitigation of the third party impact must be provided to the Transmission Provider prior to tendering of a Transmission Service Agreement. These facilities also include those owned by members of the Transmission Provider who have not placed their facilities under the Transmission Provider's OATT. Upgrades on the Southwest Power Administration network requires prepayment of the upgrade cost prior to construction of the upgrade.

Third-party facilities are evaluated for only those requests whose load sinks within the SPP footprint. The Customer must arrange for study of third party facilities for load that sinks outside the SPP footprint with the applicable Transmission Providers.

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## Study Methodology

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### **Description**

The facility study analysis was conducted to determine the steady-state impact of the requested service on the SPP and first tier non-SPP control area systems. 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, and all first tier non-SPP control area branches and ties 115 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 first tier non-SPP control area facilities, a 3 % TDF cutoff was applied to AECI, AMRN (Ameren), and ENTR (Entergy) control areas. A 2 % TDF cutoff was applied to WAPA. 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 six seasonal models to study the aggregate transfers of 5941 MW over a variety of requested service periods. The following SPP Transmission Expansion Plan 2010 Build 2 Cases were used to study the impact of the requested service on the transmission system:

- 2011/12 Winter Peak (11WP)
- 2011 Summer Peak (12SP)
- 2012/13 Winter Peak (12WP)
- 2016 Summer Peak (16SP)
- 2016/17 Winter Peak (16WP)
- 2021 Summer Peak (21SP)

The Spring Peak models apply to April and May, the Summer Peak models apply to June through September, the Fall Peak models apply to October and November, and the Winter Peak models apply to December through March.

The chosen base case models were modified to reflect the current modeling information. One group of requests was developed from the aggregate of 5941 MW to model the requested service. From the six seasonal models, two system scenarios were developed. Scenario 0 includes projected usage of transmission included in the SPP 2010 Series Cases. Scenario 5 includes all transmission not already included in the SPP 2010 Series Cases.



## **Transmission Request Modeling**

Network Integration Transmission Service requests are modeled as Generation to Load transfers in addition to Generation to Generation transfers. 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 Transmission System are determined accordingly. Point-To-Point Transmission Service requests are modeled as Generation to Generation transfers. 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 transfers 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 (SPP and 1<sup>st</sup>-Tier) 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.

## **Curtailement and Redispatch Evaluation**

During any period in which SPP determines that a transmission constraint exists on and may impair Transmission System reliability, SPP will take whatever actions are reasonably necessary to maintain reliability. If SPP determines Transmission System reliability can be maintained by redispatching resources, it will evaluate the interim curtailment of existing confirmed service or interim redispatch of units to provide service prior to completion of any assigned Network Upgrades. Any redispatch may not unduly discriminate between the Transmission Owners' use of the Transmission System on behalf of their Native Load Customers and any Transmission Customer's use of the Transmission System to serve its designated load. Redispatch was evaluated to provide only interim service during the time frame prior to completion of any assigned Network Upgrades. Curtailment of existing confirmed service is evaluated to provide only interim service. Curtailment of existing confirmed service is only evaluated at the request of the transmission Customer.

SPP determined potential relief pairs to relieve the incremental MW impact on limiting facilities as identified in Table 6. Using the selected cases where the limiting facilities were identified, potential incremental and decremental units were identified by determining the generation amount available for increasing and decreasing from the units generation amount, maximum generation amount, and minimum generation amount. If the incremental or decremental amount was greater than 1 MW, the unit was considered as a potential incremental or decremental unit.

Generation shift factors were calculated for the potential incremental and decremental units using Managing and Utilizing System Transmission (MUST). Relief pairs from the generation shift factors for the incremental and decremental units with a greater than 3% TDF on the limiting constraint were determined from the incremental units with the lowest generation shift factors and decremental units with highest generation shift factors. If the aggregate redispatch amount for the potential relief pair was determined to be three times greater than the lower of the increment or decrement, then the pair was determined not to be feasible and is not included. Transmission

Customers can request SPP to provide additional relief pairs beyond those determined. The potential relief pairs were not evaluated to determine impacts on limiting facilities in the SPP and first tier systems. The SPP Reliability Coordinator would call upon the redispatch requirements before implementing NERC TLR Level 5a.

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## Study Results

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### **Study Analysis Results**

Tables 1 through 6 contain the AFS steady-state analysis results. Table 1 identifies the participating long-term Transmission Service requests included in the AFS. This table lists deferred start and stop dates both with and without redispatch (based on Customer selection of redispatch if available) and the minimum annual allocated ATC without upgrades and season of first impact.

Table 2 identifies total E&C cost allocated to each Transmission Customer, letter of credit requirements, third party E&C cost assignments, potential base plan E&C funding (lower of allocated E&C or Attachment J Section III B criteria), total revenue requirements for assigned upgrades without consideration of potential base plan funding, point-to-point base rate charge, total revenue requirements for assigned upgrades with consideration of potential base plan funding, and final total cost allocation to the Transmission Customer. In addition, Table 2 identifies SWPA upgrade costs which require prepayment in addition to other allocated costs.

Table 3 provides additional details for each request including all assigned facility upgrades required, allocated E&C costs, allocated revenue requirements for upgrades, upgrades not assigned to the Customer but required for service to be confirmed, credits to be paid for previously assigned AFS or Generation Interconnection Network Upgrades, and any required third party upgrades.

Table 4 lists all upgrade requirements with associated solutions needed to provide Transmission Service for the AFS, minimum ATC per upgrade with season of impact, earliest date upgrade is required (DUN), estimated date the upgrade will be completed, in service (EOC), and estimated E&C cost.

Table 5 lists identified third-party constrained facilities.

Table 6 identifies potential redispatch pairs available to relieve the aggregate impacts on identified constraints to prevent deferral of start of service.

Table 7 (if applicable) identifies deferred expansion plan projects that were replaced with requested upgrades at earlier dates.

The potential base plan funding allowable is contingent on meeting each of the conditions for classifying upgrades associated with designated resources as Base Plan Upgrades as defined in Section III.B of Attachment J. If the additional capacity of the new or changed Designated Resource exceeds the 125% resource to load forecast for the year of start of service, the requested resource is not eligible for base plan funding of required Network Upgrades and the full cost of the upgrades is assignable to the Customer.

If the request is for wind generation, the total requested capacity of wind generation plus existing wind generation capacity shall not exceed 20% of the customer's projected system peak responsibility in the first year the Designated Resource is planned to be used by the customer. If the five-year term and 125% resource to load criteria are met, (as well as the 20% wind resource to load criteria for wind generation requests) the requested capacity is multiplied by \$180,000 to determine the potential base plan funding allowable. The maximum potential base plan funding allowable may be less than the potential base plan funding allowable, due to the E&C cost allocated to the customer being lower than the potential amount allowable to the Customer. The Customer is responsible for any assigned upgrade costs in excess of potential base plan E&C funding allowable. Network Upgrades required for wind generation requests located in a zone other than the Customer POD shall be allocated as 67% base plan region-wide charge and 33% directly assigned to the Customer.

Regarding application of base plan funding for PTP requests, if PTP base rate exceeds upgrade revenue requirements without taking into effect the reduction of revenue requirements by potential base plan funding, then the base rate revenue pays back the Transmission Owner for upgrades and no base plan funding is applicable as the access charge must be paid as it is the higher of "OR" pricing.

However, if initially the upgrade revenue requirements exceed the PTP base rate, then potential base plan funding would be applicable. The test of the higher of "OR" pricing would then be made against the remaining assignable revenue requirements versus PTP base rate. Examples are as follows:

**Example A:**

E&C allocated for upgrades is \$74 million with revenue requirements of \$140 million and PTP base rate of \$101 million. Potential base plan funding is \$47 million, with the difference of \$27 million E&C assignable to the Customer. If the revenue requirements for the assignable portion is \$54 million and the PTP base rate is \$101 million, the Customer will pay the higher amount (so-called "or pricing") of \$101 million base rate of which \$54 million revenue requirements will be paid back to the Transmission Owners for the upgrades, and the remaining revenue requirements of \$86 million (\$140 million less \$54 million) will be paid by base plan funding.

**Example B:**

E&C allocated for upgrades is \$74 million with revenue requirements of \$140 million and PTP base rate of \$101 million. Potential base plan funding is \$10 million with the difference of \$64 million E&C assignable to the Customer. If the revenue requirements for this assignable portion is \$128 million and the PTP base rate is \$101 million, the Customer will pay the higher amount of \$128 million revenue requirements to be paid back to the Transmission Owners, and the remaining revenue requirements of \$12 million (\$140 million less \$128 million) will be paid by base plan funding.

### **Example C:**

E&C allocated for upgrades is \$25 million with revenue requirements of \$50 million and PTP base rate of \$101 million. Potential base plan funding is \$10 million. Base plan funding is not applicable as the higher amount of PTP base rate of \$101 million must be paid and the \$50 million revenue requirements will be paid from this.

The 125% resource to load determination is performed on a per request basis and is not based on a total of Designated Resource requests per Customer. A footnote will provide the maximum resource designation allowable for base plan funding consideration per Customer basis per year.

Base plan funding verification requires that each Transmission Customer with potential for base plan funding provide SPP attestation statements verifying that the firm capacity of the requested Designated Resource is committed for a minimum five year duration.

### **Study Definitions**

- The date upgrade needed date (DUN) is the earliest date the upgrade is required to alleviate a constraint considering all requests.
- End of construction (EOC) is the estimated date the upgrade will be completed and in service.
- Total engineering and construction cost (E&C) is the upgrade solution cost as determined by the Transmission Owner.
- The Transmission Customer's allocation of the E&C cost is based on the request (1) having an impact of at least 3% on the limiting element, and (2) having a positive impact on the upgraded facility.
- Minimum ATC is the portion of the requested capacity that can be accommodated without upgrading facilities.
- Annual ATC allocated to the Transmission Customer is determined by the least amount of allocated seasonal ATC within each year of a reservation period.

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## **Conclusion**

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The results of the AFS show that limiting constraints exist in many areas of the regional Transmission System. Due to these constraints, Transmission Service cannot be granted unless noted in Table 3.

The Transmission Provider will tender a Letter of Intent on July 29, 2011. This will open a 15-day window for Customer response. To remain in the Aggregate Transmission Service Study (ATSS), the Transmission Provider must receive from the Transmission Customer by August 13, 2011, an executed Letter of Intent. The Letter of Intent will list options the Customer must choose to clarify

their commitment to remain in the ATSS. The only action required on OASIS is to WITHDRAW the request or leave the request in STUDY mode.

The Transmission Provider must receive an unconditional and irrevocable letter of credit in the amount of the total allocated E&C costs assigned to the Customer. This letter of credit is not required for those facilities that are fully base plan funded. The amount of the letter of credit will be adjusted down on an annual basis to reflect cost recovery based on revenue allocation. The Transmission Provider will issue notifications to construct Network Upgrades to the constructing Transmission Owner after filing of necessary service agreements at FERC.

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## Appendix A

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

#### BASE CASE SETTINGS:

- Solutions: Fixed slope decoupled Newton-Raphson solution (FDNS)
  
- Tap adjustment: Stepping
- Area Interchange Control: Tie lines and loads
- Var limits: Apply immediately
- Solution Options:
  - 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
- Excl'd 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 table: 99999.0
- 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:
  - Phase shift adjustment
  - Flat start
  - Lock DC taps
  - Lock switched shunts

**Table 1 - Long-Term Transmission Service Requests Included in Aggregate Facility Study**

Customer	Study Number	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date without interim redispatch	Deferred Stop Date without interim redispatch	Start Date with interim redispatch	Stop Date with interim redispatch	Minimum Allocated ATC (MW) within reservation period	Season of Minimum Allocated ATC within reservation period
AEPM	AG2-2011-012	75711730	CSWS	CSWS	250	1/1/2016	1/1/2021	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	21SP
AEPM	AG2-2011-013	75711742	CSWS	CSWS	250	1/1/2016	1/1/2021	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	21SP
AEPM	AG2-2011-014	75711744	CSWS	CSWS	250	1/1/2016	1/1/2021	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	21SP
AEPM	AG2-2011-021	75723243	CSWS	CLEC	70	6/1/2014	6/1/2019	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	21SP
BPAE	AG2-2011-058	75722104	WR	AECI	50	11/1/2012	11/1/2017	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	16SP
BPAE	AG2-2011-059	75722069	WR	AECI	100	11/1/2012	11/1/2017	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	16SP
BPAE	AG2-2011-060	75722114	WR	AECI	50	11/1/2012	11/1/2017	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	16SP
BPAE	AG2-2011-061	75722145	WR	CSWS	50	11/1/2012	11/1/2017	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	16SP
BPAE	AG2-2011-062	75722136	WR	CSWS	19	11/1/2012	11/1/2017	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	16SP
BPAE	AG2-2011-063	75722131	WR	CSWS	31	11/1/2012	11/1/2017	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	16SP
CRGL	AG2-2011-036	75723159	WFEC	EES	50	12/1/2012	12/1/2017	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	16SP
CRGL	AG2-2011-037	75723163	WPEK	EES	200	1/1/2014	1/1/2019	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	21SP
CRGL	AG2-2011-038	75723183	WPEK	EES	200	1/1/2014	1/1/2019	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	21SP
CRGL	AG2-2011-039	75723186	WPEK	EES	100	1/1/2014	1/1/2019	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	21SP
CRGL	AG2-2011-040	75723193	SPS	EES	302	12/1/2012	12/1/2017	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	16SP
CRGL	AG2-2011-041	75723256	NPPD	EES	200	12/1/2012	12/1/2032	6/1/2017	6/1/2037	6/1/2017	6/1/2037	0	16SP
CRGL	AG2-2011-042	75723270	NPPD	EES	200	12/1/2012	12/1/2032	6/1/2017	6/1/2037	6/1/2017	6/1/2037	0	16SP
CRGL	AG2-2011-043	75723313	OKGE	EES	200	12/1/2012	12/1/2032	6/1/2017	6/1/2037	6/1/2017	6/1/2037	0	16SP
CRGL	AG2-2011-044	75723323	SECI	EES	200	12/1/2012	12/1/2032	6/1/2017	6/1/2037	6/1/2017	6/1/2037	0	16SP
CRGL	AG2-2011-045	75723335	SECI	EES	100	12/1/2012	12/1/2032	6/1/2017	6/1/2037	6/1/2017	6/1/2037	0	16SP
CRGL	AG2-2011-046	75723357	OKGE	EES	100	12/1/2012	12/1/2032	6/1/2017	6/1/2037	6/1/2017	6/1/2037	0	16SP
CRGL	AG2-2011-047	75723358	OKGE	EES	100	12/1/2012	12/1/2032	6/1/2017	6/1/2037	6/1/2017	6/1/2037	0	16SP
CRGL	AG2-2011-048	75723361	SECI	EES	200	12/1/2012	12/1/2032	6/1/2017	6/1/2037	6/1/2017	6/1/2037	0	16SP
CRGL	AG2-2011-049	75723624	KCPL	EES	103	5/1/2012	5/1/2017	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	12SP
CRGL	AG2-2011-050	75723626	WR	EES	103	5/1/2012	5/1/2017	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	12SP
EDE	AG2-2011-064	75677330	KCPL	EDE	3	1/1/2012	1/1/2017	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	12SP
INDP	AG2-2011-004	75702691	KCPL	INDN	3	1/1/2012	1/1/2040	1/1/2015	1/1/2043	1/1/2015	1/1/2043	0	12SP
INF	AG2-2011-053	75723823	NPPD	AMRN	74	12/1/2012	12/1/2017	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	16SP
INF	AG2-2011-054	75722444	NPPD	AMRN	90	12/1/2012	12/1/2017	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	16SP
INF	AG2-2011-055	75722463	NPPD	AMRN	90	12/1/2012	12/1/2017	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	16SP
INF	AG2-2011-056	75722852	SECI	AMRN	200	12/31/2014	12/31/2019	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	21SP
KBPU	AG2-2011-005	75705418	MPS	KACY	5	6/1/2012	6/1/2024	6/1/2017	6/1/2029	6/1/2017	6/1/2029	0	12SP
KBPU	AG2-2011-009	75710066	MPS	KACY	100	1/1/2014	1/1/2034	6/1/2015	6/1/2035	1/1/2014	1/1/2034	0	21SP

**Table 1 - Long-Term Transmission Service Requests Included in Aggregate Facility Study**

KCPS	AG2-2011-006	75709838	SECI	KCPL	31	1/1/2012	1/1/2017	6/1/2017 (Note 3)	6/1/2022 (Note 3)	6/1/2017 (Note 3)	6/1/2022 (Note 3)	0	12SP
KCPS	AG2-2011-007	75709976	WPEK	KCPL	101	12/1/2011	12/1/2031	6/1/2017	6/1/2037	6/1/2017	6/1/2037	0	12SP
KCPS	AG2-2011-008	75709980	WPEK	KCPL	100	12/1/2011	12/1/2031	6/1/2017	6/1/2037	6/1/2017	6/1/2037	0	12SP
KCPS	AG2-2011-032	75723345	KCPL	EES	2	1/1/2012	1/1/2016	1/1/2012	1/1/2016	1/1/2012	1/1/2016	0	12SP
KCPS	AG2-2011-033	75723331	KCPL	EES	2	6/1/2012	6/1/2025	6/1/2012	6/1/2025	6/1/2012	6/1/2025	0	12SP
KCPS	AG2-2011-035	75723322	KCPL	EES	100	1/1/2012	1/1/2014	6/1/2017 (Note 3)	6/1/2019 (Note 3)	6/1/2017 (Note 3)	6/1/2019 (Note 3)	0	12SP
KEPC	AG2-2011-065	75670817	KCPL	WR	2	1/1/2012	6/1/2030	6/1/2016	11/1/2034	6/1/2016	11/1/2034	0	12SP
KMEA	AG2-2011-025	75723657	NPPD	WR	3	4/1/2012	4/1/2025	6/1/2014	6/1/2027	6/1/2014	6/1/2027	0	12SP
LESM	AG2-2011-003	75665751	NPPD	LES	3	10/1/2012	10/1/2017	10/1/2012	10/1/2017	10/1/2012	10/1/2017	0	16SP
MOWR	AG2-2011-057	75723278	KCPL	AMRN	1	6/1/2012	6/1/2017	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	12SP
NPPM	AG2-2011-011	75691899	NPPD	NPPD	30	10/1/2012	10/1/2022	6/1/2017	6/1/2027	6/1/2017	6/1/2027	0	16SP
NPPM	AG2-2011-022	75249566	NPPD	EES	100	12/31/2011	12/31/2016	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	12SP
NPPM	AG2-2011-023	75536556	NPPD	EES	100	1/1/2012	1/1/2017	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	12SP
OPPM	AG2-2011-002	75681681	NPPD	OPPD	45	10/1/2012	10/1/2022	6/1/2017	6/1/2027	6/1/2017	6/1/2027	0	16SP
PEC	AG2-2011-019	75683423	GRDA	WFEC	130	6/1/2012	6/1/2017	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	12SP
SPSM	AG2-2011-027	75711595	SPS	SPS	30	6/1/2012	6/1/2016	6/1/2017	6/1/2021	6/1/2017	6/1/2021	0	12SP
SPSM	AG2-2011-028	75711749	CSWS	SPS	100	6/1/2013	6/1/2014	6/1/2015	6/1/2016	1/1/2015	1/1/2016	0	16SP
SPSM	AG2-2011-029	75722761	SPS	SPS	150	6/1/2013	6/1/2023	6/1/2015	6/1/2025	6/1/2013	6/1/2023	0	16SP
SPSM	AG2-2011-030	75722764	SPS	SPS	150	6/1/2013	6/1/2023	6/1/2015	6/1/2025	6/1/2013	6/1/2023	0	16SP
SPSM	AG2-2011-031	75723068	SPS	SPS	23	6/1/2013	6/1/2033	6/1/2015	6/1/2035	6/1/2013	6/1/2033	0	16SP
SPSM	AG2-2011-051	75724070	CSWS	SPS	50	6/1/2012	6/1/2013	6/1/2017	6/1/2018	6/1/2017	6/1/2018	0	12SP
SPSM	AG2-2011-052	75724078	CSWS	SPS	50	6/1/2012	6/1/2013	6/1/2017	6/1/2018	6/1/2017	6/1/2018	0	12SP
TEA	AG2-2011-015	75463979	SPRM	EES	25	1/1/2012	1/1/2017	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	12SP
TEA	AG2-2011-016	75463977	SPRM	EES	25	1/1/2012	1/1/2017	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	12SP
TEA	AG2-2011-017	75315362	SPA	AECI	25	3/1/2013	3/1/2016	6/1/2017	6/1/2020	6/1/2017	6/1/2020	0	16SP
TEA	AG2-2011-018	75315358	SPA	AECI	25	3/1/2013	3/1/2018	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	16SP
UCU	AG2-2011-010	75711368	MPS	MPS	2	12/1/2011	12/1/2016	1/1/2015	1/1/2020	1/1/2015	1/1/2020	0	12SP
UCU	AG2-2011-034	75723247	NPPD	MPS	200	1/19/2014	1/19/2019	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	21SP
WIND	AG2-2011-020	75723845	WPEK	EES	100	12/1/2012	12/1/2032	6/1/2017	6/1/2037	6/1/2017	6/1/2037	0	16SP
WRGS	AG2-2011-066	75710756	SECI	WR	135	1/1/2016	1/1/2021	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	21SP
WRGS	AG2-2011-067	75701798	WR	AECI	8	12/1/2011	12/1/2016	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	12SP
WRGS	AG2-2011-068	75701826	WR	SPA	25	12/1/2011	12/1/2016	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	12SP
WRGS	AG2-2011-069	75701816	WR	SPA	25	12/1/2011	12/1/2016	6/1/2017	6/1/2022	6/1/2017	6/1/2022	0	12SP

**Note 1:** Start and Stop Dates with interim redispatch are determined based on customers choosing option to pursue redispatch to start service at Requested Start and Stop Dates or earliest date possible.

**Note 2:** Start dates with and without redispatch are based on the assumed completion dates of previous Aggregate Transmission Service Studies currently being conducted. Actual start dates may differ from the potential start dates upon completion of the previous studies.

**Note 3:** Request is unable to be deferred due to fixed stop dates.



**Table 2 - Total Revenue Requirements Associated with Long-Term Transmission Service Requests**

Customer	Study Number	Reservation	Engineering and Construction Cost of Upgrades Allocated to Customer for Revenue Requirements	<sup>1</sup> Letter of Credit Amount Required	<sup>2</sup> Potential Base Plan Engineering and Construction Funding Allowable	Notes	<sup>4</sup> Additional Engineering and Construction Cost for 3rd Party Upgrades	<sup>3,5</sup> Total Revenue Requirements for Assigned Upgrades Over Term of Reservation WITH Potential Base Plan Funding Allocation	Point-to-Point Base Rate Over Reservation Period	<sup>4</sup> Total Cost of Reservation Assignable to Customer Contingent Upon Base Plan Funding
AEPM	AG2-2011-012	75711730	\$ 63,319,109	\$ 18,319,110	\$ 45,000,000		Indeterminate	\$ 65,047,505	\$ -	\$ 65,047,505
AEPM	AG2-2011-013	75711742	\$ 51,367,723	\$ 6,367,724	\$ 45,000,000		Indeterminate	\$ 30,369,274	\$ -	\$ 30,369,274
AEPM	AG2-2011-014	75711744	\$ 51,367,723	\$ 6,367,724	\$ 45,000,000		Indeterminate	\$ 30,369,274	\$ -	\$ 30,369,274
AEPM	AG2-2011-021	75723243	\$ 7,804,052	\$ -	\$ 7,804,052		Indeterminate	\$ -	\$ -	Schedule 9 & 11 Charges
BPAE	AG2-2011-058	75722104	\$ 12,894,884	\$ 12,894,880	\$ -		Indeterminate	\$ 29,455,450	\$ 2,544,000	\$ 29,455,450
BPAE	AG2-2011-059	75722069	\$ 25,788,839	\$ 25,788,840	\$ -		Indeterminate	\$ 58,908,300	\$ 5,088,000	\$ 58,908,300
BPAE	AG2-2011-060	75722114	\$ 12,894,884	\$ 12,894,880	\$ -		Indeterminate	\$ 29,455,450	\$ 2,544,000	\$ 29,455,450
BPAE	AG2-2011-061	75722145	\$ 13,814,740	\$ 13,814,740	\$ -		Indeterminate	\$ 29,507,540	\$ 4,389,720	\$ 29,507,540
BPAE	AG2-2011-062	75722136	\$ 5,248,982	\$ 5,248,982	\$ -		Indeterminate	\$ 11,211,600	\$ 1,668,094	\$ 11,211,600
BPAE	AG2-2011-063	75722131	\$ 8,564,891	\$ 8,564,891	\$ -		Indeterminate	\$ 18,294,120	\$ 2,721,626	\$ 18,294,120
CRGL	AG2-2011-036	75723159	\$ 34,070,612	\$ 34,070,610	\$ -		Indeterminate	\$ 74,413,440	\$ 3,540,000	\$ 74,413,440
CRGL	AG2-2011-037	75723163	\$ 52,887,812	\$ 52,887,810	\$ -		Indeterminate	\$ 117,258,000	\$ 14,160,000	\$ 117,258,000
CRGL	AG2-2011-038	75723183	\$ 52,887,812	\$ 52,887,810	\$ -		Indeterminate	\$ 117,258,000	\$ 14,160,000	\$ 117,258,000
CRGL	AG2-2011-039	75723186	\$ 26,443,546	\$ 26,443,550	\$ -		Indeterminate	\$ 58,628,110	\$ 7,080,000	\$ 58,628,110
CRGL	AG2-2011-040	75723193	\$ 94,740,342	\$ 94,740,340	\$ -		Indeterminate	\$ 207,052,100	\$ 21,381,600	\$ 207,052,100
CRGL	AG2-2011-041	75723256	\$ 11,623,102	\$ 11,623,100	\$ -		Indeterminate	\$ 42,743,650	\$ 56,640,000	\$ 56,640,000
CRGL	AG2-2011-042	75723270	\$ 10,589,743	\$ 10,589,740	\$ -		Indeterminate	\$ 38,958,410	\$ 56,640,000	\$ 56,640,000
CRGL	AG2-2011-043	75723313	\$ 94,182,498	\$ 94,182,500	\$ -		Indeterminate	\$ 360,916,000	\$ 56,640,000	\$ 360,916,000
CRGL	AG2-2011-044	75723323	\$ 72,197,748	\$ 72,197,740	\$ -		Indeterminate	\$ 246,142,400	\$ 56,640,000	\$ 246,142,400
CRGL	AG2-2011-045	75723335	\$ 36,098,870	\$ 36,098,870	\$ -		Indeterminate	\$ 123,071,200	\$ 28,320,000	\$ 123,071,200
CRGL	AG2-2011-046	75723357	\$ 15,124,469	\$ 15,124,470	\$ -		Indeterminate	\$ 55,155,990	\$ 28,320,000	\$ 55,155,990
CRGL	AG2-2011-047	75723358	\$ 15,124,469	\$ 15,124,470	\$ -		Indeterminate	\$ 55,155,990	\$ 28,320,000	\$ 55,155,990
CRGL	AG2-2011-048	75723361	\$ 57,130,842	\$ 57,130,840	\$ -		Indeterminate	\$ 203,204,000	\$ 56,640,000	\$ 203,204,000
CRGL	AG2-2011-049	75723624	\$ 9,365,288	\$ 9,365,288	\$ -		Indeterminate	\$ 22,489,210	\$ 7,292,400	\$ 22,489,210
CRGL	AG2-2011-050	75723626	\$ 29,151,487	\$ 29,151,490	\$ -		Indeterminate	\$ 64,645,620	\$ 7,292,400	\$ 64,645,620
EDE	AG2-2011-064	75677330	\$ 4,769,344	\$ 4,769,344	\$ -		Indeterminate	\$ 8,600,486	\$ -	\$ 8,600,486
INDP	AG2-2011-004	75702691	\$ 211,384	\$ 211,384	\$ -		Indeterminate	\$ 1,207,365	\$ 854,784	\$ 1,207,365
INF	AG2-2011-053	75723823	\$ 6,748,791	\$ 6,748,791	\$ -		Indeterminate	\$ 14,817,030	\$ 3,765,120	\$ 14,817,030
INF	AG2-2011-054	75722444	\$ 12,873,543	\$ 12,873,540	\$ -		Indeterminate	\$ 27,639,760	\$ 4,579,200	\$ 27,639,760
INF	AG2-2011-055	75722463	\$ 13,319,599	\$ 13,319,600	\$ -		Indeterminate	\$ 28,609,930	\$ 4,579,200	\$ 28,609,930
INF	AG2-2011-056	75722852	\$ 54,125,908	\$ 54,125,910	\$ -		Indeterminate	\$ 120,021,300	\$ 10,176,000	\$ 120,021,300
KBPU	AG2-2011-005	75705418	\$ 102,551	\$ 102,551	\$ -		Indeterminate	\$ 330,051	\$ 610,560	\$ 610,560
KBPU	AG2-2011-009	75710066	\$ 1,452,018	\$ 1,452,018	\$ -		Indeterminate	\$ 4,522,855	\$ 20,352,000	\$ 20,352,000

**Table 2 - Total Revenue Requirements Associated with Long-Term Transmission Service Requests**

KCPS	AG2-2011-006	75709838	\$ 920,375	\$ 920,375	\$	\$	\$ 1,933,827	\$ 1,577,280	\$ 1,933,827
KCPS	AG2-2011-007	75709976	\$ 25,520,684	\$ 8,017,050	\$ 17,503,634	Indeterminate	\$ 28,291,153	\$	\$ 28,291,153
KCPS	AG2-2011-008	75709980	\$ 45,392,161	\$ 27,392,161	\$ 18,000,000	Indeterminate	\$ 106,367,951	\$	\$ 106,367,951
KCPS	AG2-2011-032	75723345	\$ 122,382	\$ 122,382	\$	Indeterminate	\$ 162,774	\$ 113,280	\$ 162,774
KCPS	AG2-2011-033	75723331	\$ 122,382	\$ 122,382	\$	Indeterminate	\$ 236,977	\$ 368,160	\$ 368,160
KCPS	AG2-2011-035	75723322	\$ 9,020,013	\$ 9,020,013	\$	Indeterminate	\$ 17,764,890	\$ 2,832,000	\$ 17,764,890
KEPC	AG2-2011-065	75670817	\$ 75,096	\$	\$ 75,096	\$	\$	\$	Schedule 9 & 11 Charges
KMEA	AG2-2011-025	75723657	\$ 272,540	\$	\$ 272,540	\$	\$	\$	Schedule 9 & 11 Charges
LESM	AG2-2011-003	75665751	\$ 111,874	\$ 111,874	\$	Indeterminate	\$ 164,557	\$	\$ 164,557
MOWR	AG2-2011-057	75723278	\$ 33,083	\$ 33,083	\$	Indeterminate	\$ 72,931	\$ 50,880	\$ 72,931
NPPM	AG2-2011-011	75691899	\$ 26,910,013	\$ 26,910,013	\$	\$	\$ 63,078,548	\$	\$ 63,078,548
NPPM	AG2-2011-022	75249566	\$ 20,677,646	\$ 20,677,650	\$	Indeterminate	\$ 45,145,240	\$ 7,080,000	\$ 45,145,240
NPPM	AG2-2011-023	75536556	\$ 20,677,646	\$ 20,677,650	\$	Indeterminate	\$ 45,145,240	\$ 7,080,000	\$ 45,145,240
OPPM	AG2-2011-002	75681681	\$ 32,680,382	\$ 24,580,382	\$ 8,100,000	\$	\$ 59,364,569	\$	\$ 59,364,569
PEC	AG2-2011-019	75683423	\$ 10,081,669	\$	\$ 10,081,669	Indeterminate	\$	\$	Schedule 9 & 11 Charges
SPSM	AG2-2011-027	75711595	\$ 277,034	\$ 277,034	\$	\$	\$ 627,083	\$	\$ 627,083
SPSM	AG2-2011-028	75711749	\$	\$	\$	\$	\$	\$	Schedule 9 & 11 Charges
SPSM	AG2-2011-029	75722761	\$ 1,371,871	\$	\$ 1,371,871	\$	\$	\$	Schedule 9 & 11 Charges
SPSM	AG2-2011-030	75722764	\$ 1,371,871	\$	\$ 1,371,871	\$	\$	\$	Schedule 9 & 11 Charges
SPSM	AG2-2011-031	75723068	\$ 211,447	\$	\$ 211,447	\$	\$	\$	Schedule 9 & 11 Charges
SPSM	AG2-2011-051	75724070	\$	\$	\$	\$	\$	\$	Schedule 9 & 11 Charges
SPSM	AG2-2011-052	75724078	\$	\$	\$	\$	\$	\$	Schedule 9 & 11 Charges
TEA	AG2-2011-015	75463979	\$ 3,098,063	\$ 3,098,063	\$	Indeterminate	\$ 6,885,145	\$ 1,770,000	\$ 6,885,145
TEA	AG2-2011-016	75463977	\$ 3,098,063	\$ 3,098,063	\$	Indeterminate	\$ 6,885,145	\$ 1,770,000	\$ 6,885,145
TEA	AG2-2011-017	75315362	\$ 825,812	\$ 825,812	\$	Indeterminate	\$ 2,041,187	\$ 763,200	\$ 2,041,187
TEA	AG2-2011-018	75315358	\$ 2,359,228	\$ 2,359,228	\$	Indeterminate	\$ 5,634,624	\$ 1,272,000	\$ 5,634,624
UCU	AG2-2011-010	75711368	\$ 437,195	\$ 77,195	\$ 360,000	\$	\$ 122,570	\$	\$ 122,570
UCU	AG2-2011-034	75723247	\$ 41,022,787	\$ 5,022,788	\$ 36,000,000	\$	\$ 9,798,093	\$	\$ 9,798,093
WIND	AG2-2011-020	75723845	\$ 32,631,219	\$ 32,631,220	\$	Indeterminate	\$ 118,031,600	\$ 28,320,000	\$ 118,031,600
WRGS	AG2-2011-066	75710756	\$ 18,666,543	\$ 4,030	\$ 18,662,514	Indeterminate	\$ 12,771	\$	\$ 12,771
WRGS	AG2-2011-067	75701798	\$ 2,090,875	\$ 2,090,875	\$	Indeterminate	\$ 4,791,311	\$ 407,040	\$ 4,791,311
WRGS	AG2-2011-068	75701826	\$ 11,405,903	\$ 11,405,900	\$	Indeterminate	\$ 22,391,900	\$ 1,770,000	\$ 22,391,900
WRGS	AG2-2011-069	75701816	\$ 11,405,903	\$ 11,405,900	\$	Indeterminate	\$ 22,391,900	\$ 1,770,000	\$ 22,391,900
<b>Grand Total</b>			\$ <b>1,281,179,365</b>	\$ <b>254,814,694</b>	\$		\$ <b>2,862,801,396</b>		

**Note 1:** Letter of Credit required for financial security for transmission owner for network upgrades is determined by allocated engineering and construction costs less engineering and construction costs for upgrades when network customer is the transmission owner less the E & C allocation of expedited projects. Letter of Credit is required for upgrades assigned to PTP requests. The amount of the letter of credit will be adjusted down on an annual basis to reflect cost recovery based on revenue allocation. This letter of credit is not required for those facilities that are fully base plan funded. The Letter Of Credit Amount listed is based on meeting OATT Attachment J requirements for base plan funding.

**Note 2:** If potential base plan funding is applicable, this value is the lesser of the Engineering and Construction costs of assignable upgrades or the value of base plan funding calculated pursuant to Attachment J, Section III B criteria. Allocation of base plan funding is contingent upon verification of customer agreements meeting Attachment J, Section II B criteria. Not applicable if Point-to-Point base rate exceeds revenue requirements.

**Note 3:** Revenue Requirements (RR) are based upon deferred end dates if applicable. Deferred dates are based upon customer's choice to pursue redispatch. Achievable Base Plan Avoided RR in the case of a Base Plan upgrade being displaced or deferred by an earlier in service date for a Requested Upgrade shall be determined per Attachment J, Section VII.C methodology. Assumption of a 40 year service life is utilized for Base Plan funded projects. A present worth analysis of RR on a common year basis between the Base Plan and Requested Upgrades was performed to determine avoided Base Plan RR due to the displacement or deferral of the Base Plan upgrade by the Requested Upgrade. The incremental increase in present worth of a Requested Upgrade on a common year basis as a Base Plan upgrade is assigned to the transmission requests impacting the upgrade based on the displacement or deferral. If the displacement analysis results in lower RR due to the shorter amortization period of the requested upgrade when compared to a base plan amortization period, then no direct assignment of the upgrade cost is made due to the displacement to an earlier start date.

**Note 4:** For Point-to-Point requests, total cost is based on the higher of the base rate or assigned upgrade revenue requirements. For Network requests, the total cost is based on the assigned upgrade revenue requirement. Allocation of base plan funding will be determined after verification of designated resource meeting Attachment J, Section II B Criteria. Additionally E & C of 3rd Party upgrades is assignable to Customer. This includes prepayments required for any SWPA upgrades. Revenue requirements for 3rd Party facilities are not calculated. Total cost to customer is based on assumption of Revenue Requirements with confirmation of base plan funding. Customer is responsible for negotiating redispatch costs if applicable. Customer is also responsible to pay credits for previously assigned upgrades that are impacted by their request. Credits can be paid from base plan funding if applicable.

**Note 5:** RR with base plan funding may increase or decrease even if no base plan funding is applicable to a particular request if another request that shares the upgrade is now full base plan funded resulting in a different amortization period for the upgrade and thus different RR.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
AEPM AG2-2011-012

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
AEPM	75711730	CSWS	CSWS	250	1/1/2016	1/1/2021	6/1/2017	6/1/2022	\$ 45,000,000	\$ -	\$ 63,319,109	\$ 134,414,922
									\$ 45,000,000	\$ -	\$ 63,319,109	\$ 134,414,922

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75711730	5 TRIBES - HANCOCK 161KV CKT 1 #2	6/1/2013	6/1/2015			\$ 1,042,790	\$ 3,770,000	\$ 3,022,037
	5 TRIBES - PECAN CREEK 161KV CKT 1	6/1/2013	6/1/2015			\$ 905,785	\$ 2,850,000	\$ 2,807,595
	AGENCY - PECAN CREEK 161KV CKT 1	1/1/2016	1/1/2016	6/1/2015		\$ 7,350,000	\$ 7,350,000	\$ 16,961,013
	BANN - NW TEXARKANA-BANN T 138KV CKT 1	6/1/2017	6/1/2017			\$ 770,276	\$ 2,600,000	\$ 1,369,056
	Chamber Springs - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 3,126,555	\$ 40,500,000	\$ 6,523,157
	Chamber Springs - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		No	\$ 3,126,555	\$ 40,500,000	\$ 7,661,672
	DIANA - PERDUE 138KV CKT 1 #2 Accelerate	6/1/2017	6/1/2017			\$ 1,435,013	\$ 4,872,905	\$ 2,362,660
	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 69,613	\$ 915,000	\$ 145,239
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 46,518	\$ 700,000	\$ 159,925
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015			\$ 106,486	\$ 2,195,343	\$ 305,754
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 233,275	\$ 3,300,000	\$ 467,825
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015			\$ 3,097,258	\$ 45,543,680	\$ 7,472,125
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015			\$ 156,164	\$ 2,296,320	\$ 452,568
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015			\$ 98,609	\$ 1,450,000	\$ 285,772
	HUGHES SPRINGS - JENKINS REC T 69KV CKT 1	6/1/2017	6/1/2017			\$ 1,404,882	\$ 4,760,000	\$ 2,334,578
	KNOX LEE - SOUTH TEXAS EASTMAN 138KV CKT 1	6/1/2017	6/1/2017			\$ 1,618,705	\$ 5,500,000	\$ 2,689,901
	MUSKOGEE - MUSKOGEE TAP 161KV CKT 1 OKGE	6/1/2013	6/1/2014			\$ 119,447	\$ 350,000	\$ 378,228
	NORTH NEW BOSTON - NW TEXARKANA-BANN T 138KV CKT 1	6/1/2017	6/1/2017			\$ 4,185,629	\$ 14,190,000	\$ 6,955,515
	NORTHWEST TEXARKANA - NW TEXARKANA-BANN T 138KV CKT 1	6/1/2013	6/1/2014			\$ 178,949	\$ 605,000	\$ 390,551
	NW Texarkana - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 21,704,504	\$ 140,400,000	\$ 45,283,673
	NW Texarkana - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		No	\$ 5,426,126	\$ 35,100,000	\$ 13,296,807
	PECAN CREEK (PECANCK1) 345/161/13.8KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			\$ 5,500,000	\$ 5,500,000	\$ 10,339,284
	WILKES (WILKES) 345/138/13.2KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			\$ 1,615,970	\$ 5,500,000	\$ 2,749,986
<b>Total</b>						<b>\$ 63,319,109</b>	<b>\$ 370,748,248</b>	<b>\$ 134,414,922</b>

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75711730	DIANA - PERDUE 138KV CKT 1 #1	6/1/2017	6/1/2017		
	EASTON REC - KNOX LEE 138KV CKT 1	6/1/2017	6/1/2017		
	EASTON REC - PIRKEY 138KV CKT 1	6/1/2017	6/1/2017		
	LOGANSPORT 138KV CAPACITOR	6/1/2017	6/1/2017		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75711730	5 TRIBES - HANCOCK 161KV CKT 1 #1	10/1/2012	6/1/2013		
	DIANA (DIANA 3) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2017	6/1/2017		
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 OKGE	6/1/2012	6/1/2012	1/1/2012	
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 WFEC	6/1/2012	6/1/2012	1/1/2012	

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75711730	BANN - RED SPRINGS REC 138KV CKT 1	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 kv AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 kv WFEC	7/1/2012	7/1/2012		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75711730	Turk - McNeil 345 kv AEPW	12/1/2011	6/1/2017	6/1/2017	Yes

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75711730	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			5.06%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			4.89%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015			\$ 501,209	\$ 15,600,000
	Brookline - Compton Ridge 345 kV	12/1/2011	6/1/2017		No	2.84%	100.00%
	Compton Ridge - Cox Creek 345 kV	12/1/2011	6/1/2017		No	4.15%	100.00%
	Compton Ridge - Osage Creek 345 kV	12/1/2011	6/1/2017		No	6.41%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017		No	4.60%	100.00%
	Compton Ridge 345/161 kV Transformer	12/1/2011	6/1/2017		No	9.97%	100.00%
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2013	6/1/2015			\$ 1,167,322	\$ 8,000,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 AECI	6/1/2013	6/1/2015			\$ 409,116	\$ 6,500,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015			\$ 398,011	\$ 6,500,000
	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECI	6/1/2013	6/1/2013			6.29%	100.00%
	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	6/1/2013	6/1/2015			\$ 377,646	\$ 6,000,000
	Messick 500/230kV	12/1/2011	6/1/2017		No	\$ 646,587	\$ 6,000,000
	MUSKOGEE - MUSKOGEE TAP 161KV CKT 1 SWPA	6/1/2013	6/1/2013			34.13%	100.00%
					Total	\$ 3,499,891	\$ 48,600,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
 AEPM AG2-2011-013

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
AEPM	75711742	CSWS	CSWS	250	1/1/2016	1/1/2021	6/1/2017	6/1/2022	\$ 45,000,000	\$ -	\$ 51,367,723	\$ 108,663,176
									\$ 45,000,000	\$ -	\$ 51,367,723	\$ 108,663,176

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75711742	5 TRIBES - HANCOCK 161KV CKT 1 #2	6/1/2013	6/1/2015			\$ 742,556	\$ 3,770,000	\$ 2,151,950
	5 TRIBES - PECAN CREEK 161KV CKT 1	6/1/2013	6/1/2015			\$ 643,802	\$ 2,850,000	\$ 1,995,546
	BANN - NW TEXARKANA-BANN T 138KV CKT 1	6/1/2017	6/1/2017			\$ 766,027	\$ 2,600,000	\$ 1,361,504
	Chamber Springs - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 3,689,113	\$ 40,500,000	\$ 7,696,863
	Chamber Springs - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		No	\$ 3,689,113	\$ 40,500,000	\$ 9,040,229
	DIANA - PERDUJE 138KV CKT 1 #2 Accelerate	6/1/2017	6/1/2017			\$ 1,433,292	\$ 4,872,905	\$ 2,359,827
	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 63,582	\$ 915,000	\$ 132,656
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 43,765	\$ 700,000	\$ 150,461
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015			\$ 106,364	\$ 2,195,343	\$ 305,404
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 210,428	\$ 3,300,000	\$ 422,006
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015			\$ 3,026,652	\$ 45,543,680	\$ 7,301,788
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015			\$ 152,604	\$ 2,296,320	\$ 442,251
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015			\$ 96,361	\$ 1,450,000	\$ 279,257
	HUGHES SPRINGS - JENKINS REC T 69KV CKT 1	6/1/2017	6/1/2017			\$ 1,400,436	\$ 4,760,000	\$ 2,327,190
	KNOX LEE - SOUTH TEXAS EASTMAN 138KV CKT 1	6/1/2017	6/1/2017			\$ 1,617,706	\$ 5,500,000	\$ 2,688,241
	MUSKOGEE - MUSKOGEE TAP 161KV CKT 1 OKGE	6/1/2013	6/1/2014			\$ 88,734	\$ 350,000	\$ 280,975
	NORTH NEW BOSTON - NW TEXARKANA-BANN T 138KV CKT 1	6/1/2017	6/1/2017			\$ 4,182,257	\$ 14,190,000	\$ 6,949,911
	NORTHWEST TEXARKANA - NW TEXARKANA-BANN T 138KV CKT 1	6/1/2013	6/1/2014			\$ 178,038	\$ 605,000	\$ 388,563
	NW Texarkana - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 22,095,772	\$ 140,400,000	\$ 46,100,004
	NW Texarkana - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		No	\$ 5,523,943	\$ 35,100,000	\$ 13,536,509
	WILKES (WILKES) 345/138/13.2KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			\$ 1,617,178	\$ 5,500,000	\$ 2,752,041
<b>Total</b>						<b>\$ 51,367,723</b>	<b>\$ 357,898,248</b>	<b>\$ 108,663,176</b>

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75711742	DIANA - PERDUJE 138KV CKT 1 #1	6/1/2017	6/1/2017		
	EASTON REC - KNOX LEE 138KV CKT 1	6/1/2017	6/1/2017		
	EASTON REC - PIRKEY 138KV CKT 1	6/1/2017	6/1/2017		
	LOGANSPOUT 138KV CAPACITOR	6/1/2017	6/1/2017		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75711742	5 TRIBES - HANCOCK 161KV CKT 1 #1	10/1/2012	6/1/2013		
	DIANA (DIANA 3) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2017	6/1/2017		
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 OKGE	6/1/2012	6/1/2012	1/1/2012	
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 WFEC	6/1/2012	6/1/2012	1/1/2012	

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75711742	BANN - RED SPRINGS REC 138KV CKT 1	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75711742	Turk - McNeil 345 kv AEPW	12/1/2011	6/1/2017	6/1/2017	Yes

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75711742	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			5.01%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			4.80%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015			\$ 533,268	\$ 15,600,000
	Brookline - Compton Ridge 345 kV	12/1/2011	6/1/2017		No	2.89%	100.00%
	Compton Ridge - Cox Creek 345 kV	12/1/2011	6/1/2017		No	4.34%	100.00%
	Compton Ridge - Osage Creek 345 kV	12/1/2011	6/1/2017		No	6.83%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017		No	4.80%	100.00%
	Compton Ridge 345/161 kV Transformer	12/1/2011	6/1/2017		No	10.62%	100.00%
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2013	6/1/2015			\$ 1,082,984	\$ 8,000,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 AECI	6/1/2013	6/1/2015			\$ 369,794	\$ 6,500,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015			\$ 359,756	\$ 6,500,000
	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECI	6/1/2013	6/1/2013			5.69%	100.00%
	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	6/1/2013	6/1/2015			\$ 341,348	\$ 6,000,000
	Messick 500/230kV	12/1/2011	6/1/2017		No	\$ 650,875	\$ 6,000,000
	MUSKOGEE - MUSKOGEE TAP 161KV CKT 1 SWPA	6/1/2013	6/1/2013			25.35%	100.00%
					Total	\$ 3,338,025	\$ 48,600,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
 AEPM AG2-2011-014

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
AEPM	75711744	CSWS	CSWS	250	1/1/2016	1/1/2021	6/1/2017	6/1/2022	\$ 45,000,000	\$ -	\$ 51,367,723	\$ 108,663,176
									\$ 45,000,000	\$ -	\$ 51,367,723	\$ 108,663,176

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75711744	5 TRIBES - HANCOCK 161KV CKT 1 #2	6/1/2013	6/1/2015			\$ 742,556	\$ 3,770,000	\$ 2,151,950
	5 TRIBES - PECAN CREEK 161KV CKT 1	6/1/2013	6/1/2015			\$ 643,802	\$ 2,850,000	\$ 1,995,546
	BANN - NW TEXARKANA-BANN T 138KV CKT 1	6/1/2017	6/1/2017			\$ 766,027	\$ 2,600,000	\$ 1,361,504
	Chamber Springs - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 3,689,113	\$ 40,500,000	\$ 7,696,863
	Chamber Springs - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		No	\$ 3,689,113	\$ 40,500,000	\$ 9,040,229
	DIANA - PERDUJE 138KV CKT 1 #2 Accelerate	6/1/2017	6/1/2017			\$ 1,433,292	\$ 4,872,905	\$ 2,359,827
	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 63,582	\$ 915,000	\$ 132,656
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 43,765	\$ 700,000	\$ 150,461
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015			\$ 106,364	\$ 2,195,343	\$ 305,404
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 210,428	\$ 3,300,000	\$ 422,006
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015			\$ 3,026,652	\$ 45,543,680	\$ 7,301,788
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015			\$ 152,604	\$ 2,296,320	\$ 442,251
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015			\$ 96,361	\$ 1,450,000	\$ 279,257
	HUGHES SPRINGS - JENKINS REC T 69KV CKT 1	6/1/2017	6/1/2017			\$ 1,400,436	\$ 4,760,000	\$ 2,327,190
	KNOX LEE - SOUTH TEXAS EASTMAN 138KV CKT 1	6/1/2017	6/1/2017			\$ 1,617,706	\$ 5,500,000	\$ 2,688,241
	MUSKOGEE - MUSKOGEE TAP 161KV CKT 1 OKGE	6/1/2013	6/1/2014			\$ 88,734	\$ 350,000	\$ 280,975
	NORTH NEW BOSTON - NW TEXARKANA-BANN T 138KV CKT 1	6/1/2017	6/1/2017			\$ 4,182,257	\$ 14,190,000	\$ 6,949,911
	NORTHWEST TEXARKANA - NW TEXARKANA-BANN T 138KV CKT 1	6/1/2013	6/1/2014			\$ 178,038	\$ 605,000	\$ 388,563
	NW Texarkana - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 22,095,772	\$ 140,400,000	\$ 46,100,004
	NW Texarkana - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		No	\$ 5,523,943	\$ 35,100,000	\$ 13,536,509
	WILKES (WILKES) 345/138/13.2KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			\$ 1,617,178	\$ 5,500,000	\$ 2,752,041
<b>Total</b>						\$ 51,367,723	\$ 357,898,248	\$ 108,663,176

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75711744	DIANA - PERDUJE 138KV CKT 1 #1	6/1/2017	6/1/2017		
	EASTON REC - KNOX LEE 138KV CKT 1	6/1/2017	6/1/2017		
	EASTON REC - PIRKEY 138KV CKT 1	6/1/2017	6/1/2017		
	LOGANSPOUT 138KV CAPACITOR	6/1/2017	6/1/2017		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75711744	5 TRIBES - HANCOCK 161KV CKT 1 #1	10/1/2012	6/1/2013		
	DIANA (DIANA 3) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2017	6/1/2017		
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 OKGE	6/1/2012	6/1/2012	1/1/2012	
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 WFEC	6/1/2012	6/1/2012	1/1/2012	

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75711744	BANN - RED SPRINGS REC 138KV CKT 1	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75711744	Turk - McNeil 345 kv AEPW	12/1/2011	6/1/2017	6/1/2017	Yes

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75711744	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			5.01%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			4.80%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015			\$ 533,268	\$ 15,600,000
	Brookline - Compton Ridge 345 kV	12/1/2011	6/1/2017		No	2.89%	100.00%
	Compton Ridge - Cox Creek 345 kV	12/1/2011	6/1/2017		No	4.34%	100.00%
	Compton Ridge - Osage Creek 345 kV	12/1/2011	6/1/2017		No	6.83%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017		No	4.80%	100.00%
	Compton Ridge 345/161 kV Transformer	12/1/2011	6/1/2017		No	10.62%	100.00%
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2013	6/1/2015			\$ 1,082,984	\$ 8,000,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 AECI	6/1/2013	6/1/2015			\$ 369,794	\$ 6,500,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015			\$ 359,756	\$ 6,500,000
	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECI	6/1/2013	6/1/2013			5.69%	100.00%
	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	6/1/2013	6/1/2015			\$ 341,348	\$ 6,000,000
	Messick 500/230kV	12/1/2011	6/1/2017		No	\$ 650,875	\$ 6,000,000
	MUSKOGEE - MUSKOGEE TAP 161KV CKT 1 SWPA	6/1/2013	6/1/2013			25.35%	100.00%
					Total	\$ 3,338,025	\$ 48,600,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.



**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
 AEPM AG2-2011-021

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
AEPM	75723243	CSWS	CLEC	70	6/1/2014	6/1/2019	6/1/2017	6/1/2022	\$ 7,804,052	\$ -	\$ 7,804,052	\$ 17,268,137
									\$ 7,804,052	\$ -	\$ 7,804,052	\$ 17,268,137

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
75723243	5 TRIBES - HANCOCK 161KV CKT 1 #2	6/1/2013	6/1/2015		Yes	\$ 121,269	\$ 3,770,000	\$ 351,441	
	5 TRIBES - PECAN CREEK 161KV CKT 1	6/1/2013	6/1/2015			\$ 101,377	\$ 2,850,000	\$ 314,231	
	Chamber Springs - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 326,539	\$ 40,500,000	\$ 681,282	
	Chamber Springs - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 326,539	\$ 40,500,000	\$ 800,189	
	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 11,954	\$ 915,000	\$ 24,940	
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 8,905	\$ 700,000	\$ 30,615	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015		Yes	\$ 31,468	\$ 2,195,343	\$ 90,354	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 39,634	\$ 3,300,000	\$ 79,485	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015			\$ 599,816	\$ 45,543,680	\$ 1,447,054	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015			\$ 30,243	\$ 2,296,320	\$ 87,645	
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015			\$ 19,097	\$ 1,450,000	\$ 55,344	
	Multi - Bonanza - North Huntington 69kV Accelerate	6/1/2013	6/1/2015		Yes	\$ 493,488	\$ 7,641,105	\$ 1,179,561	
	NW Texarkana - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 2,327,156	\$ 140,400,000	\$ 4,855,314	
	NW Texarkana - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 581,789	\$ 35,100,000	\$ 1,425,683	
	Turk - McNeil 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 2,604,407	\$ 72,750,000	\$ 5,433,762	
	Wichita - Viola - Rose Hill 345 kV	12/1/2011	6/1/2017			\$ 180,371	\$ 108,000,000	\$ 411,238	
						Total	\$ 7,804,052	\$ 507,911,448	\$ 17,268,137

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723243	5 TRIBES - HANCOCK 161KV CKT 1 #1	10/1/2012	6/1/2013		
	CEDARGROVE - SOUTH SHREVEPORT 138KV CKT 1	6/1/2017	6/1/2017		
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 OKGE	6/1/2012	6/1/2012	1/1/2012	
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 WFEC	6/1/2012	6/1/2012	1/1/2012	

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723243	ALLUMAX TAP - BANN 138KV CKT 1	6/1/2008	6/1/2008		
	ASHDOWN REC (MILLWOOD) - OKAY 138KV CKT 1	7/1/2012	7/1/2012		
	ASHDOWN REC (MILLWOOD) - PATTERSON 138KV CKT 1	7/1/2012	7/1/2012		
	BANN - RED SPRINGS REC 138KV CKT 1	7/1/2012	7/1/2012		
	BEELINE - EXPLORER GLENPOOL 138KV CKT 1	6/1/2009	6/1/2009		
	CHERRY6 230.00 - Harrington Station East Bus 230KV CKT 1	6/1/2015	6/1/2015		
	Circle - Reno 345KV Dbl CKT	6/1/2017	6/1/2017		
	CLIFTON - GREENLEAF 115KV CKT 1	6/1/2011	6/1/2013		
	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW	6/1/2009	6/1/2009		
	FLATRDG3 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2009	6/1/2013		
	FLATRDG3 138.00 - HARPER 138KV CKT 1	12/1/2009	6/1/2013		
	FT RANDAL - MADISONCO 230.00 230KV CKT 1	11/1/2014	11/1/2014		
	APACHE CO SUBT 138.00 - PARADISE 138KV CKT 1	6/1/2010	6/1/2013		
	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	6/1/2013	6/1/2013		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	HUGO POWER PLANT 345/138KV TRANSFORMER CKT 1	7/1/2012	7/1/2012		
	KELLY - MADISONCO 230.00 230KV CKT 1	11/1/2014	11/1/2014		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	MCNAB REC - TURK 115KV CKT 1	7/1/2012	7/1/2012		
	MEDICINE LODGE - SAWYER 115KV CKT 1	12/1/2009	6/1/2013		
	Mulgren - Circle 345kv Dbl CKT MKEC	6/1/2017	6/1/2017		
	Mulgren - Circle 345kv Dbl CKT WERE	6/1/2017	6/1/2017		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	OKAY - TURK 138KV CKT 1	7/1/2012	7/1/2012		
	SAWYER - PRATT 115KV CKT 1	12/1/2009	6/1/2013		
	SE TEXARKANA - TURK 138KV CKT 1	7/1/2012	7/1/2012		
	Spearville - Mulgren 345KV Dbl CKT	6/1/2017	6/1/2017		
	SUB 110 - OROGOGO JCT. - SUB 167 - RIVERTON 161KV CKT 1	6/1/2011	6/1/2011		
	SUGAR HILL - TURK 138KV CKT 1	7/1/2012	7/1/2012		
	TALOGA (TALOGA) 138/69/13.8KV TRANSFORMER CKT 1	10/1/2010	6/1/2013		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD - IODINE 138KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD - WOODWARD EHV 138KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD - WOODWARD EHV 138KV CKT 2	1/1/2010	1/1/2010		
	WOODWARD 345/138KV TRANSFORMER CKT 1	1/1/2010	1/1/2010		

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75723243	3GRENWD - TERREBONNE 115KV CKT 1 EES	6/1/2017	6/1/2017			100.00%	100.00%
	3GRENWD - TERREBONNE 115KV CKT 1 LAGN	6/1/2017	6/1/2017			100.00%	100.00%
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			0.53%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			1.38%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			1.38%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 148,281	\$ 15,600,000
	Brookline - Compton Ridge 345 kv	12/1/2011	6/1/2017		No	0.71%	100.00%
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2015			\$ 154,873	\$ 7,650,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1	6/1/2013	6/1/2015			\$ 110,334	\$ 5,450,000
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	10/1/2012	6/1/2013			\$ -	\$ -
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #2	10/1/2012	6/1/2015		Yes	\$ 135,536	\$ 4,000,000
	Compton Ridge - Cox Creek 345 kv	12/1/2011	6/1/2017		No	0.97%	100.00%
	Compton Ridge - Osage Creek 345 kv	12/1/2011	6/1/2017		No	1.30%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017		No	0.92%	100.00%
	Compton Ridge 345/161 kv Transformer	12/1/2011	6/1/2017		No	1.36%	100.00%
	Dolet Hills - Messick 345 kv CELE	12/1/2011	6/1/2017		No	\$ 3,591,389	\$ 53,250,000
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2013	6/1/2015			\$ 110,617	\$ 8,000,000
	GRIMES - MT. ZION 138KV CKT 1	12/31/2011	12/31/2011			34.03%	100.00%
	HARTBURG - MESSICK 500.00 500KV CKT 1	10/1/2017	10/1/2017			12.36%	100.00%
	HUNTSVILLE - LINE 558 TAP 138KV CKT 1	12/31/2011	12/31/2011			34.03%	100.00%
	LEACH - TOLEDO BEND 138KV CKT 1	12/31/2011	12/31/2011			34.87%	100.00%
	LIBERTY TAP - SALLISAW 161KV CKT 1 AECI	6/1/2013	6/1/2015			\$ 98,987	\$ 6,500,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015			\$ 96,300	\$ 6,500,000
	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECI	6/1/2013	6/1/2013			1.52%	100.00%
	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	6/1/2013	6/1/2015			\$ 91,373	\$ 6,000,000
	LINE 558 TAP - MT. ZION 138KV CKT 1	12/31/2011	12/31/2011			34.03%	100.00%
	McNeil 500/345kv	12/1/2011	6/1/2017		No	\$ 429,593	\$ 12,000,000
	Messick 500/230kv	12/1/2011	6/1/2017		No	\$ 1,480,474	\$ 6,000,000
	Messick 500/345kv	12/1/2011	6/1/2017		No	\$ 404,664	\$ 6,000,000
	RAPIDES - RODEMACHER 230KV CKT 1	6/1/2013	6/1/2013			41.37%	100.00%
					Total	\$ 6,852,421	\$ 136,950,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
BPAE AG2-2011-058

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
BPAE	75722104	WR	AECI	50	11/1/2012	11/1/2017	6/1/2017	6/1/2022	\$ -	\$ 2,544,000	\$ 12,894,884	\$ 29,455,454
									\$ -	\$ 2,544,000	\$ 12,894,884	\$ 29,455,454

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
75722104	BIRMINGHAM - LIBERTY CITY 161KV CKT 1	6/1/2013	6/1/2014		Yes	\$ 585,615	\$ 4,500,000	\$ 1,941,732	
	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	6/1/2017	6/1/2017			\$ 11,212	\$ 150,000	\$ 22,556	
	Chamber Springs - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 158,549	\$ 40,500,000	\$ 330,792	
	Chamber Springs - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		No	\$ 158,549	\$ 40,500,000	\$ 388,527	
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 1,859	\$ 500,000	\$ 5,893	
	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 16,064	\$ 915,000	\$ 33,515	
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 7,358	\$ 700,000	\$ 25,296	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015		Yes	\$ 22,990	\$ 2,195,343	\$ 66,011	
	Gentleman - Hooker Co - Wheeler Co 345KV	12/1/2011	6/1/2017		No	\$ 2,156,886	\$ 265,950,000	\$ 4,530,814	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 52,481	\$ 3,300,000	\$ 105,249	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015		Yes	\$ 516,434	\$ 45,543,680	\$ 1,245,895	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015		Yes	\$ 26,039	\$ 2,296,320	\$ 75,462	
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015		Yes	\$ 16,442	\$ 1,450,000	\$ 47,649	
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2017	6/1/2017			\$ 1,093,240	\$ 47,871,000	\$ 2,452,346	
	Iatan - Jeffrey Energy Center 345 kv KACP	6/1/2012	6/1/2016		No	\$ 378,223	\$ 15,975,000	\$ 1,047,661	
	Iatan - Jeffrey Energy Center 345 kv WERE	6/1/2012	6/1/2016		No	\$ 1,512,892	\$ 63,900,000	\$ 3,675,613	
	KC SOUTH - LONGVIEW 161KV CKT 1	6/1/2017	6/1/2017			\$ 17,330	\$ 305,000	\$ 34,260	
	Multi - Bonanza - North Huntington 69KV Accelerate	6/1/2013	6/1/2015		No	\$ 410,709	\$ 7,641,105	\$ 981,698	
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 EMDE	6/1/2013	6/1/2015		Yes	\$ 987,160	\$ 10,562,500	\$ 2,006,705	
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	6/1/2013	6/1/2015		Yes	\$ 269,629	\$ 2,885,000	\$ 551,328	
	NW Texarkana - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 170,231	\$ 140,400,000	\$ 355,165	
	NW Texarkana - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		No	\$ 42,558	\$ 35,100,000	\$ 104,289	
	REDEL - STILLWELL 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 208,474	\$ 4,026,000	\$ 629,419	
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	6/1/2013	6/1/2017			\$ 415,473	\$ 4,725,000	\$ 699,699	
	Turk - McNeil 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 656,820	\$ 72,750,000	\$ 1,370,371	
	Wheeler - Shell Creek 345kv	12/1/2011	6/1/2017		No	\$ 647,723	\$ 81,750,000	\$ 1,360,625	
	Wichita - Viola - Rose Hill 345 kv	12/1/2011	6/1/2017		No	\$ 2,353,944	\$ 108,000,000	\$ 5,366,884	
						Total	\$ 12,894,884	\$ 1,004,390,948	\$ 29,455,454

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722104	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		Yes
	Line - Comanche County - Medicine Lodge 345 kv dbi ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbi ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbi ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kv dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kv dbi ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbi ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbi ckt SUNC	10/1/2012	1/1/2015		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	XFR - Medicine Lodge 345/138 kv	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722104	BIRMINGHAM - HAWTHORN 161KV CKT 1	6/1/2013	6/1/2014		Yes
	Circle - Reno 345KV Dbl CKT	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kv Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kv Dbl CKT WERE	12/1/2011	6/1/2017		No
	Spearville - Mulgren 345KV Dbl CKT	12/1/2011	6/1/2017		No

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722104	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722104	Shell Creek 345/230kv	12/1/2011	6/1/2017	6/1/2017	Yes

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75722104	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			1.15%	100.00%
	SOVERTON 161.00 - HUNTSDALE 161KV CKT 1 AECI	6/1/2013	6/1/2013			11.80%	100.00%
	SOVERTON 161.00 - HUNTSDALE 161KV CKT 1 AMRN	6/1/2013	6/1/2013			11.80%	100.00%
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			1.74%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			0.92%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			1.06%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 286,761	\$ 15,600,000
	Brookline - Compton Ridge345 kv	12/1/2011	6/1/2017		No	0.84%	100.00%
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 339,014	\$ 7,650,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 241,519	\$ 5,450,000
	BULL SHOALS - MIDWAY (YVEPA) 161KV CKT 1 EES	6/1/2013	6/1/2013			14.43%	100.00%
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	10/1/2012	6/1/2013		Yes	\$ -	\$ -
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #2	10/1/2012	6/1/2015		Yes	\$ 288,793	\$ 4,000,000
	CLINTON - MONTROSE 161KV CKT 1 AECI	10/1/2012	6/1/2013		No	\$ -	\$ -
	Compton Ridge - Cox Creek 345 kv	12/1/2011	6/1/2017		No	1.41%	100.00%
	Compton Ridge - Osage Creek 345 kv	12/1/2011	6/1/2017		No	2.03%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017		No	1.26%	100.00%
	Compton Ridge 345/161 kv Transformer	12/1/2011	6/1/2017		No	3.89%	100.00%
	Dolet Hills - Messick 345 kv CELE	12/1/2011	6/1/2017		No	\$ 340,846	\$ 53,250,000
	ECKLES - SIBLEYPL 161.00 161KV CKT 1	6/1/2013	6/1/2013			14.95%	100.00%
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2013	6/1/2015			\$ 96,189	\$ 8,000,000
	HARRISONVILLE 161/69KV TRANSFORMER CKT 1	6/1/2013	6/1/2013			24.00%	100.00%
	LIBERTY TAP - SALLISAW 161KV CKT 1 AECI	6/1/2013	6/1/2015		Yes	\$ 81,823	\$ 6,500,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015		Yes	\$ 79,602	\$ 6,500,000
	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECI	6/1/2013	6/1/2013			1.26%	100.00%
	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	\$ 75,529	\$ 6,000,000
	LOCUST CREEK 161/69KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			21.50%	100.00%
	McNeil 500/345kv	12/1/2011	6/1/2017		No	\$ 108,341	\$ 12,000,000
	Messick 500/345kv	12/1/2011	6/1/2017		No	\$ 38,405	\$ 6,000,000
	WEST PLAINS 161/69KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			\$ 430,483	\$ 2,000,000
	WEST PLAINS 161/69KV TRANSFORMER CKT 2	6/1/2017	6/1/2017			\$ 430,447	\$ 2,000,000
					Total	\$ 2,837,752	\$ 134,950,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
BPAE AG2-2011-059

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
BPAE	75722069	WR	AECI	100	11/1/2012	11/1/2017	6/1/2017	6/1/2022	\$ -	\$ 5,088,000	\$ 25,788,839	\$ 58,908,302
									\$ -	\$ 5,088,000	\$ 25,788,839	\$ 58,908,302

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
75722069	BIRMINGHAM - LIBERTY CITY 161KV CKT 1	6/1/2013	6/1/2014		Yes	\$ 1,170,990	\$ 4,500,000	\$ 3,882,669	
	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	6/1/2017	6/1/2017			\$ 22,431	\$ 150,000	\$ 45,125	
	Chamber Springs - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 316,959	\$ 40,500,000	\$ 661,294	
	Chamber Springs - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		No	\$ 316,959	\$ 40,500,000	\$ 776,713	
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 3,720	\$ 500,000	\$ 11,792	
	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 32,124	\$ 915,000	\$ 67,023	
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 14,717	\$ 700,000	\$ 50,596	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015		Yes	\$ 45,974	\$ 2,195,343	\$ 132,006	
	Gentleman - Hooker Co - Wheeler Co 345KV	12/1/2011	6/1/2017		No	\$ 4,313,771	\$ 265,950,000	\$ 9,061,625	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 104,944	\$ 3,300,000	\$ 210,462	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015		Yes	\$ 1,032,868	\$ 45,543,680	\$ 2,491,791	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015		Yes	\$ 52,077	\$ 2,296,320	\$ 150,921	
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015		Yes	\$ 32,884	\$ 1,450,000	\$ 95,299	
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2017	6/1/2017			\$ 2,186,151	\$ 47,871,000	\$ 4,903,954	
	Iatan - Jeffrey Energy Center 345 kv KACP	6/1/2012	6/1/2016		No	\$ 756,446	\$ 15,975,000	\$ 2,095,322	
	Iatan - Jeffrey Energy Center 345 kv WERE	6/1/2012	6/1/2016		No	\$ 3,025,784	\$ 63,900,000	\$ 7,351,226	
	KC SOUTH - LONGVIEW 161KV CKT 1	6/1/2017	6/1/2017			\$ 34,648	\$ 305,000	\$ 68,496	
	Multi - Bonanza - North Huntington 69KV Accelerate	6/1/2013	6/1/2015		No	\$ 821,419	\$ 7,641,105	\$ 1,963,398	
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 EMDE	6/1/2013	6/1/2015		Yes	\$ 1,975,478	\$ 10,562,500	\$ 4,015,764	
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	6/1/2013	6/1/2015		Yes	\$ 539,574	\$ 2,885,000	\$ 1,103,302	
	NW Texarkana - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 339,803	\$ 140,400,000	\$ 708,956	
	NW Texarkana - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		No	\$ 84,951	\$ 35,100,000	\$ 208,174	
	REDEL - STILLWELL 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 416,947	\$ 4,026,000	\$ 1,258,835	
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	6/1/2013	6/1/2017		Yes	\$ 830,946	\$ 4,725,000	\$ 1,399,397	
	Turk - McNeil 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 1,313,640	\$ 72,750,000	\$ 2,740,742	
	Wheeler - Shell Creek 345kv	12/1/2011	6/1/2017		No	\$ 1,295,447	\$ 81,750,000	\$ 2,721,251	
	Wichita - Viola - Rose Hill 345 kv	12/1/2011	6/1/2017		No	\$ 4,707,187	\$ 108,000,000	\$ 10,732,170	
						Total	\$ 25,788,839	\$ 1,004,390,948	\$ 58,908,302

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722069	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		Yes
	Line - Comanche County - Medicine Lodge 345 kv dbi ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbi ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbi ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kv dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kv dbi ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbi ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbi ckt SUNC	10/1/2012	1/1/2015		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	XFR - Medicine Lodge 345/138 kv	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722069	BIRMINGHAM - HAWTHORN 161KV CKT 1	6/1/2013	6/1/2014		Yes
	Circle - Reno 345kv Dbl CKT	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kv Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kv Dbl CKT WERE	12/1/2011	6/1/2017		No
	Spearville - Mulgren 345kv Dbl CKT	12/1/2011	6/1/2017		No

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722069	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722069	Shell Creek 345/230kv	12/1/2011	6/1/2017	6/1/2017	Yes

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75722069	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			2.30%	100.00%
	SOVERTON 161.00 - HUNTSDALE 161KV CKT 1 AECI	6/1/2013	6/1/2013			23.63%	100.00%
	SOVERTON 161.00 - HUNTSDALE 161KV CKT 1 AMRN	6/1/2013	6/1/2013			23.63%	100.00%
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			3.48%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			1.84%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			2.11%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 573,522	\$ 15,600,000
	Brookline - Compton Ridge345 kv	12/1/2011	6/1/2017		No	1.68%	100.00%
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 678,027	\$ 7,650,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 483,039	\$ 5,450,000
	BULL SHOALS - MIDWAY (YVPEA) 161KV CKT 1 EES	6/1/2013	6/1/2013			28.87%	100.00%
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	10/1/2012	6/1/2013		Yes	\$ -	\$ -
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #2	10/1/2012	6/1/2015		Yes	\$ 577,347	\$ 4,000,000
	CLINTON - MONTROSE 161KV CKT 1 AECI	10/1/2012	6/1/2013		No	\$ -	\$ -
	Compton Ridge - Cox Creek 345 kv	12/1/2011	6/1/2017		No	2.83%	100.00%
	Compton Ridge - Osage Creek 345 kv	12/1/2011	6/1/2017		No	4.07%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017		No	2.52%	100.00%
	Compton Ridge 345/161 kv Transformer	12/1/2011	6/1/2017		No	7.79%	100.00%
	Dolet Hills - Messick 345 kv CELE	12/1/2011	6/1/2017		No	\$ 681,692	\$ 53,250,000
	ECKLES - SIBLEYPL 161.00 161KV CKT 1	6/1/2013	6/1/2013			29.91%	100.00%
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2013	6/1/2015			\$ 192,550	\$ 8,000,000
	HARRISONVILLE 161/69KV TRANSFORMER CKT 1	6/1/2013	6/1/2013			47.98%	100.00%
	LIBERTY TAP - SALLISAW 161KV CKT 1 AECI	6/1/2013	6/1/2015		Yes	\$ 163,556	\$ 6,500,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015		Yes	\$ 159,116	\$ 6,500,000
	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECI	6/1/2013	6/1/2013			2.52%	100.00%
	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	\$ 150,975	\$ 6,000,000
	LOCUST CREEK 161/69KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			43.00%	100.00%
	McNeil 500/345kv	12/1/2011	6/1/2017		No	\$ 216,683	\$ 12,000,000
	Messick 500/345kv	12/1/2011	6/1/2017		No	\$ 76,810	\$ 6,000,000
	WEST PLAINS 161/69KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			\$ 860,967	\$ 2,000,000
	WEST PLAINS 161/69KV TRANSFORMER CKT 2	6/1/2017	6/1/2017			\$ 861,055	\$ 2,000,000
					Total	\$ 5,675,339	\$ 134,950,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
BPAE AG2-2011-060

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
BPAE	75722114	WR	AECI	50	11/1/2012	11/1/2017	6/1/2017	6/1/2022	\$ -	\$ 2,544,000	\$ 12,894,884	\$ 29,455,454
									\$ -	\$ 2,544,000	\$ 12,894,884	\$ 29,455,454

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
75722114	BIRMINGHAM - LIBERTY CITY 161KV CKT 1	6/1/2013	6/1/2014		Yes	\$ 585,615	\$ 4,500,000	\$ 1,941,732	
	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	6/1/2017	6/1/2017			\$ 11,212	\$ 150,000	\$ 22,556	
	Chamber Springs - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 158,549	\$ 40,500,000	\$ 330,792	
	Chamber Springs - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		No	\$ 158,549	\$ 40,500,000	\$ 388,527	
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 1,859	\$ 500,000	\$ 5,893	
	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 16,064	\$ 915,000	\$ 33,515	
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 7,358	\$ 700,000	\$ 25,296	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015		Yes	\$ 22,990	\$ 2,195,343	\$ 66,011	
	Gentleman - Hooker Co - Wheeler Co 345KV	12/1/2011	6/1/2017		No	\$ 2,156,886	\$ 265,950,000	\$ 4,530,814	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 52,481	\$ 3,300,000	\$ 105,249	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015		Yes	\$ 516,434	\$ 45,543,680	\$ 1,245,895	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015		Yes	\$ 26,039	\$ 2,296,320	\$ 75,462	
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015		Yes	\$ 16,442	\$ 1,450,000	\$ 47,649	
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2017	6/1/2017			\$ 1,093,240	\$ 47,871,000	\$ 2,452,346	
	Iatan - Jeffrey Energy Center 345 kv KACP	6/1/2012	6/1/2016		No	\$ 378,223	\$ 15,975,000	\$ 1,047,661	
	Iatan - Jeffrey Energy Center 345 kv WERE	6/1/2012	6/1/2016		No	\$ 1,512,892	\$ 63,900,000	\$ 3,675,613	
	KC SOUTH - LONGVIEW 161KV CKT 1	6/1/2017	6/1/2017			\$ 17,330	\$ 305,000	\$ 34,260	
	Multi - Bonanza - North Huntington 69KV Accelerate	6/1/2013	6/1/2015		No	\$ 410,709	\$ 7,641,105	\$ 981,698	
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 EMDE	6/1/2013	6/1/2015		Yes	\$ 987,160	\$ 10,562,500	\$ 2,006,705	
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	6/1/2013	6/1/2015		Yes	\$ 269,629	\$ 2,885,000	\$ 551,328	
	NW Texarkana - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 170,231	\$ 140,400,000	\$ 355,165	
	NW Texarkana - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		No	\$ 42,558	\$ 35,100,000	\$ 104,289	
	REDEL - STILLWELL 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 208,474	\$ 4,026,000	\$ 629,419	
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	6/1/2013	6/1/2017			\$ 415,473	\$ 4,725,000	\$ 699,699	
	Turk - McNeil 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 656,820	\$ 72,750,000	\$ 1,370,371	
	Wheeler - Shell Creek 345kv	12/1/2011	6/1/2017		No	\$ 647,723	\$ 81,750,000	\$ 1,360,625	
	Wichita - Viola - Rose Hill 345 kv	12/1/2011	6/1/2017		No	\$ 2,353,944	\$ 108,000,000	\$ 5,366,884	
						Total	\$ 12,894,884	\$ 1,004,390,948	\$ 29,455,454

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722114	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		Yes
	Line - Comanche County - Medicine Lodge 345 kv dbi ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbi ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbi ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kv dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kv dbi ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbi ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbi ckt SUNC	10/1/2012	1/1/2015		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	XFR - Medicine Lodge 345/138 kv	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722114	BIRMINGHAM - HAWTHORN 161KV CKT 1	6/1/2013	6/1/2014		Yes
	Circle - Reno 345kv Dbl CKT	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kv Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kv Dbl CKT WERE	12/1/2011	6/1/2017		No
	Spearville - Mulgren 345kv Dbl CKT	12/1/2011	6/1/2017		No



**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722114	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722114	Shell Creek 345/230kv	12/1/2011	6/1/2017	6/1/2017	Yes

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75722114	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			1.15%	100.00%
	SOVERTON 161.00 - HUNTSDALE 161KV CKT 1 AECI	6/1/2013	6/1/2013			11.80%	100.00%
	SOVERTON 161.00 - HUNTSDALE 161KV CKT 1 AMRN	6/1/2013	6/1/2013			11.80%	100.00%
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			1.74%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			0.92%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			1.06%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 286,761	\$ 15,600,000
	Brookline - Compton Ridge345 kv	12/1/2011	6/1/2017		No	0.84%	100.00%
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 339,014	\$ 7,650,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 241,519	\$ 5,450,000
	BULL SHOALS - MIDWAY (YVPEA) 161KV CKT 1 EES	6/1/2013	6/1/2013			14.43%	100.00%
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	10/1/2012	6/1/2013		Yes	\$ -	\$ -
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #2	10/1/2012	6/1/2015		Yes	\$ 288,793	\$ 4,000,000
	CLINTON - MONTROSE 161KV CKT 1 AECI	10/1/2012	6/1/2013		No	\$ -	\$ -
	Compton Ridge - Cox Creek 345 kv	12/1/2011	6/1/2017		No	1.41%	100.00%
	Compton Ridge - Osage Creek 345 kv	12/1/2011	6/1/2017		No	2.03%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017		No	1.26%	100.00%
	Compton Ridge 345/161 kv Transformer	12/1/2011	6/1/2017		No	3.89%	100.00%
	Dolet Hills - Messick 345 kv CELE	12/1/2011	6/1/2017		No	\$ 340,846	\$ 53,250,000
	ECKLES - SIBLEYPL 161.00 161KV CKT 1	6/1/2013	6/1/2013			14.95%	100.00%
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2013	6/1/2015			\$ 96,189	\$ 8,000,000
	HARRISONVILLE 161/69KV TRANSFORMER CKT 1	6/1/2013	6/1/2013			24.00%	100.00%
	LIBERTY TAP - SALLISAW 161KV CKT 1 AECI	6/1/2013	6/1/2015		Yes	\$ 81,823	\$ 6,500,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015		Yes	\$ 79,602	\$ 6,500,000
	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECI	6/1/2013	6/1/2013			1.26%	100.00%
	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	\$ 75,529	\$ 6,000,000
	LOCUST CREEK 161/69KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			21.50%	100.00%
	McNeil 500/345kv	12/1/2011	6/1/2017		No	\$ 108,341	\$ 12,000,000
	Messick 500/345kv	12/1/2011	6/1/2017		No	\$ 38,405	\$ 6,000,000
	WEST PLAINS 161/69KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			\$ 430,483	\$ 2,000,000
	WEST PLAINS 161/69KV TRANSFORMER CKT 2	6/1/2017	6/1/2017			\$ 430,447	\$ 2,000,000
					Total	\$ 2,837,752	\$ 134,950,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
 BPAE AG2-2011-061

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
BPAE	75722145	WR	CSWS	50	11/1/2012	11/1/2017	6/1/2017	6/1/2022	\$ -	\$ 4,389,720	\$ 13,814,740	\$ 29,507,540
									\$ -	\$ 4,389,720	\$ 13,814,740	\$ 29,507,540

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75722145	BANN - NW TEXARKANA-BANN T 138KV CKT 1	6/1/2017	6/1/2017			\$ 148,835	\$ 2,600,000	\$ 264,533
	Chamber Springs - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 566,306	\$ 40,500,000	\$ 1,181,525
	Chamber Springs - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 566,306	\$ 40,500,000	\$ 1,387,742
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 4,026	\$ 500,000	\$ 12,762
	DIANA - PERDUE 138KV CKT 1 #2 Accelerate	6/1/2017	6/1/2017			\$ 285,654	\$ 4,872,905	\$ 470,312
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 4,446	\$ 700,000	\$ 15,285
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015			\$ 9,617	\$ 2,195,343	\$ 27,613
	Gentleman - Hooker Co - Wheeler Co 345KV	12/1/2011	6/1/2017			\$ 1,315,101	\$ 265,950,000	\$ 2,762,537
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 31,131	\$ 3,300,000	\$ 62,432
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2017	6/1/2017			\$ 592,474	\$ 47,871,000	\$ 1,329,032
	HUGHES SPRINGS - JENKINS REC T 69KV CKT 1	6/1/2017	6/1/2017			\$ 277,123	\$ 4,760,000	\$ 460,512
	Iatan - Jeffrey Energy Center 345 kV KACP	6/1/2012	6/1/2016		No	\$ 204,818	\$ 15,975,000	\$ 567,337
	Iatan - Jeffrey Energy Center 345 kV WERE	6/1/2012	6/1/2016		No	\$ 819,274	\$ 63,900,000	\$ 1,990,449
	KNOX LEE - SOUTH TEXAS EASTMAN 138KV CKT 1	6/1/2017	6/1/2017			\$ 322,942	\$ 5,500,000	\$ 536,652
	NORTH NEW BOSTON - NW TEXARKANA-BANN T 138KV CKT 1	6/1/2017	6/1/2017			\$ 819,929	\$ 14,190,000	\$ 1,362,526
	NORTHWEST TEXARKANA - NW TEXARKANA-BANN T 138KV CKT 1	6/1/2013	6/1/2014		Yes	\$ 34,987	\$ 605,000	\$ 76,358
	NW Texarkana - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 3,698,904	\$ 140,400,000	\$ 7,717,290
	NW Texarkana - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 924,726	\$ 35,100,000	\$ 2,266,056
	Wheeler - Shell Creek 345kV	12/1/2011	6/1/2017			\$ 359,168	\$ 81,750,000	\$ 754,478
	Wichita - Viola - Rose Hill 345 kV	12/1/2011	6/1/2017		No	\$ 2,504,136	\$ 108,000,000	\$ 5,709,315
	WILKES (WILKES) 345/138/13.2KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			\$ 324,837	\$ 5,500,000	\$ 552,793
<b>Total</b>						<b>\$ 13,814,740</b>	<b>\$ 884,669,248</b>	<b>\$ 29,507,540</b>

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722145	DIANA - PERDUE 138KV CKT 1 #1	6/1/2017	6/1/2017		
	EASTON REC - KNOX LEE 138KV CKT 1	6/1/2017	6/1/2017		
	EASTON REC - PIRKEY 138KV CKT 1	6/1/2017	6/1/2017		
	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		Yes
	Line - Comanche County - Medicine Lodge 345 kV dbi ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kV dbi ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kV dbi ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kV dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kV dbi ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbi Ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbi Ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbi ckt SUNC	10/1/2012	1/1/2015		No
	LOGANSPOUT 138KV CAPACITOR	6/1/2017	6/1/2017		
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	XFR - Medicine Lodge 345/138 kV	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722145	Circle - Reno 345kV Dbl CKT	12/1/2011	6/1/2017		No
	DIANA (DIANA 3) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2017	6/1/2017		
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 OKGE	6/1/2012	6/1/2012	1/1/2012	
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 WFEC	6/1/2012	6/1/2012	1/1/2012	
	Mulgren - Circle 345kV Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kV Dbl CKT WERE	12/1/2011	6/1/2017		No
	Spearville - Mulgрен 345kV Dbl CKT	12/1/2011	6/1/2017		No

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722145	BANN - RED SPRINGS REC 138KV CKT 1	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722145	Turk - McNeil 345 KV AEPW	12/1/2011	6/1/2017	6/1/2017	Yes

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75722145	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			0.87%	100.00%
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			0.92%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			0.60%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			0.51%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 115,114	\$ 15,600,000
	Brookline - Compton Ridge 345 kV	12/1/2011	6/1/2017		No	1.08%	100.00%
	CLINTON - MONTROSE 161KV CKT 1 AECl	10/1/2012	6/1/2013		No	\$ -	\$ -
	Compton Ridge - Cox Creek 345 kV	12/1/2011	6/1/2017		No	0.59%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECl	12/1/2011	6/1/2017		No	1.09%	100.00%
	Compton Ridge 345/161 kV Transformer	12/1/2011	6/1/2017		No	0.80%	100.00%
	HARTBURG - INLAND-ORANGE 230KV CKT 1	12/31/2011	12/31/2011			2.74%	100.00%
	HARTBURG - MOUNT OLIVE 500KV CKT 1	12/31/2011	12/31/2011			4.34%	100.00%
	HARTBURG 500/230KV TRANSFORMER CKT 1	12/31/2011	12/31/2011			2.74%	100.00%
	Messick 500/230kV	12/1/2011	6/1/2017		No	\$ 127,572	\$ 6,000,000
					Total	\$ 242,686	\$ 21,600,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
 BPAE AG2-2011-062

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
BPAE	75722136	WR	CSWS	19	11/1/2012	11/1/2017	6/1/2017	6/1/2022	\$ -	\$ 1,668,094	\$ 5,248,982	\$ 11,211,604
									\$ -	\$ 1,668,094	\$ 5,248,982	\$ 11,211,604

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75722136	BANN - NW TEXARKANA-BANN T 138KV CKT 1	6/1/2017	6/1/2017			\$ 56,572	\$ 2,600,000	\$ 100,549
	Chamber Springs - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 215,194	\$ 40,500,000	\$ 448,975
	Chamber Springs - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 215,194	\$ 40,500,000	\$ 527,336
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 1,530	\$ 500,000	\$ 4,850
	DIANA - PERDUE 138KV CKT 1 #2 Accelerate	6/1/2017	6/1/2017			\$ 108,609	\$ 4,872,905	\$ 178,818
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 1,690	\$ 700,000	\$ 5,810
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015			\$ 3,656	\$ 2,195,343	\$ 10,498
	Gentleman - Hooker Co - Wheeler Co 345KV	12/1/2011	6/1/2017			\$ 500,278	\$ 265,950,000	\$ 1,050,898
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 11,836	\$ 3,300,000	\$ 23,737
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2017	6/1/2017			\$ 224,982	\$ 47,871,000	\$ 504,678
	HUGHES SPRINGS - JENKINS REC T 69KV CKT 1	6/1/2017	6/1/2017			\$ 105,218	\$ 4,760,000	\$ 174,847
	Iatan - Jeffrey Energy Center 345 kV KACP	6/1/2012	6/1/2016			\$ 77,802	\$ 15,975,000	\$ 215,508
	Iatan - Jeffrey Energy Center 345 kV WERE	6/1/2012	6/1/2016			\$ 311,207	\$ 63,900,000	\$ 756,086
	KNOX LEE - SOUTH TEXAS EASTMAN 138KV CKT 1	6/1/2017	6/1/2017			\$ 122,718	\$ 5,500,000	\$ 203,928
	NORTH NEW BOSTON - NW TEXARKANA-BANN T 138KV CKT 1	6/1/2017	6/1/2017			\$ 311,337	\$ 14,190,000	\$ 517,368
	NORTHWEST TEXARKANA - NW TEXARKANA-BANN T 138KV CKT 1	6/1/2013	6/1/2014			\$ 13,298	\$ 605,000	\$ 29,022
	NW Texarkana - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 1,405,399	\$ 140,400,000	\$ 2,932,185
	NW Texarkana - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 351,350	\$ 35,100,000	\$ 860,989
	Wheeler - Shell Creek 345kV	12/1/2011	6/1/2017			\$ 135,996	\$ 81,750,000	\$ 285,677
	Wichita - Viola - Rose Hill 345 kV	12/1/2011	6/1/2017			\$ 951,684	\$ 108,000,000	\$ 2,169,796
	WILKES (WILKES) 345/138/13.2KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			\$ 123,432	\$ 5,500,000	\$ 210,051
<b>Total</b>						<b>\$ 5,248,982</b>	<b>\$ 884,669,248</b>	<b>\$ 11,211,604</b>

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722136	DIANA - PERDUE 138KV CKT 1 #1	6/1/2017	6/1/2017		
	EASTON REC - KNOX LEE 138KV CKT 1	6/1/2017	6/1/2017		
	EASTON REC - PIRKEY 138KV CKT 1	6/1/2017	6/1/2017		
	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		
	Line - Comanche County - Medicine Lodge 345 kV dbi ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kV dbi ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kV dbi ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kV dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kV dbi ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbi Ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbi Ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbi ckt SUNC	10/1/2012	1/1/2015		No
	LOGANSPOUT 138KV CAPACITOR	6/1/2017	6/1/2017		
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	XFR - Medicine Lodge 345/138 kV	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722136	Circle - Reno 345kV Dbl CKT	12/1/2011	6/1/2017		No
	DIANA (DIANA 3) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2017	6/1/2017		
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 OKGE	6/1/2012	6/1/2012	1/1/2012	
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 WFEC	6/1/2012	6/1/2012	1/1/2012	
	Mulgren - Circle 345kV Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kV Dbl CKT WERE	12/1/2011	6/1/2017		No
	Spearville - Mulglen 345kV Dbl CKT	12/1/2011	6/1/2017		No

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722136	BANN - RED SPRINGS REC 138KV CKT 1	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722136	Turk - McNeil 345 KV AEPW	12/1/2011	6/1/2017	6/1/2017	Yes

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75722136	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			0.33%	100.00%
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			0.35%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			0.23%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			0.19%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 43,742	\$ 15,600,000
	Brookline - Compton Ridge 345 kV	12/1/2011	6/1/2017		No	0.41%	100.00%
	CLINTON - MONTROSE 161KV CKT 1 AECl	10/1/2012	6/1/2013		No	\$ -	\$ -
	Compton Ridge - Cox Creek 345 kV	12/1/2011	6/1/2017		No	0.22%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECl	12/1/2011	6/1/2017		No	0.41%	100.00%
	Compton Ridge 345/161 kV Transformer	12/1/2011	6/1/2017		No	0.30%	100.00%
	HARTBURG - INLAND-ORANGE 230KV CKT 1	12/31/2011	12/31/2011			1.04%	100.00%
	HARTBURG - MOUNT OLIVE 500KV CKT 1	12/31/2011	12/31/2011			1.65%	100.00%
	HARTBURG 500/230KV TRANSFORMER CKT 1	12/31/2011	12/31/2011			1.04%	100.00%
	Messick 500/230kV	12/1/2011	6/1/2017		No	\$ 48,395	\$ 6,000,000
					Total	\$ 92,137	\$ 21,600,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
 BPAE AG2-2011-063

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
BPAE	75722131	WR	CSWS	31	11/1/2012	11/1/2017	6/1/2017	6/1/2022	\$ -	\$ 2,721,626	\$ 8,564,891	\$ 18,294,117
									\$ -	\$ 2,721,626	\$ 8,564,891	\$ 18,294,117

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
75722131	BANN - NW TEXARKANA-BANN T 138KV CKT 1	6/1/2017	6/1/2017			\$ 92,263	\$ 2,600,000	\$ 163,984	
	Chamber Springs - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 351,113	\$ 40,500,000	\$ 732,552	
	Chamber Springs - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 351,113	\$ 40,500,000	\$ 860,408	
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 2,496	\$ 500,000	\$ 7,912	
	DIANA - PERDUE 138KV CKT 1 #2 Accelerate	6/1/2017	6/1/2017			\$ 177,045	\$ 4,872,905	\$ 291,494	
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 2,757	\$ 700,000	\$ 9,478	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015			\$ 5,961	\$ 2,195,343	\$ 17,116	
	Gentleman - Hooker Co - Wheeler Co 345KV	12/1/2011	6/1/2017			\$ 814,823	\$ 265,950,000	\$ 1,711,639	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 19,295	\$ 3,300,000	\$ 38,695	
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2017	6/1/2017			\$ 367,492	\$ 47,871,000	\$ 824,355	
	HUGHES SPRINGS - JENKINS REC T 69KV CKT 1	6/1/2017	6/1/2017			\$ 171,905	\$ 4,760,000	\$ 285,665	
	Iatan - Jeffrey Energy Center 345 kV KACP	6/1/2012	6/1/2016		No	\$ 127,017	\$ 15,975,000	\$ 351,832	
	Iatan - Jeffrey Energy Center 345 kV WERE	6/1/2012	6/1/2016		No	\$ 508,067	\$ 63,900,000	\$ 1,234,363	
	KNOX LEE - SOUTH TEXAS EASTMAN 138KV CKT 1	6/1/2017	6/1/2017			\$ 200,224	\$ 5,500,000	\$ 332,724	
	NORTH NEW BOSTON - NW TEXARKANA-BANN T 138KV CKT 1	6/1/2017	6/1/2017			\$ 508,592	\$ 14,190,000	\$ 845,158	
	NORTHWEST TEXARKANA - NW TEXARKANA-BANN T 138KV CKT 1	6/1/2013	6/1/2014			\$ 21,689	\$ 605,000	\$ 47,336	
	NW Texarkana - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 2,293,505	\$ 140,400,000	\$ 4,785,105	
	NW Texarkana - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 573,376	\$ 35,100,000	\$ 1,405,067	
	Wheeler - Shell Creek 345kV	12/1/2011	6/1/2017			\$ 222,301	\$ 81,750,000	\$ 466,972	
	Wichita - Viola - Rose Hill 345 kV	12/1/2011	6/1/2017		No	\$ 1,552,452	\$ 108,000,000	\$ 3,539,519	
	WILKES (WILKES) 345/138/13.2KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			\$ 201,405	\$ 5,500,000	\$ 342,742	
						Total	\$ 8,564,891	\$ 884,669,248	\$ 18,294,117

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722131	DIANA - PERDUE 138KV CKT 1 #1	6/1/2017	6/1/2017		
	EASTON REC - KNOX LEE 138KV CKT 1	6/1/2017	6/1/2017		
	EASTON REC - PIRKEY 138KV CKT 1	6/1/2017	6/1/2017		
	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		Yes
	Line - Comanche County - Medicine Lodge 345 kV dbi ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kV dbi ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kV dbi ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kV dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kV dbi ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbi Ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbi Ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbi ckt SUNC	10/1/2012	1/1/2015		No
	LOGANSPOUT 138KV CAPACITOR	6/1/2017	6/1/2017		
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	XFR - Medicine Lodge 345/138 kV	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722131	Circle - Reno 345kV Dbl CKT	12/1/2011	6/1/2017		No
	DIANA (DIANA 3) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2017	6/1/2017		
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 OKGE	6/1/2012	6/1/2012	1/1/2012	
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 WFEC	6/1/2012	6/1/2012	1/1/2012	
	Mulgren - Circle 345kV Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kV Dbl CKT WERE	12/1/2011	6/1/2017		No
	Spearville - Mulglen 345kV Dbl CKT	12/1/2011	6/1/2017		No

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722131	BANN - RED SPRINGS REC 138KV CKT 1	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722131	Turk - McNeil 345 KV AEPW	12/1/2011	6/1/2017	6/1/2017	Yes

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75722131	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			0.54%	100.00%
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			0.57%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			0.37%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			0.31%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 71,372	\$ 15,600,000
	Brookline - Compton Ridge 345 kV	12/1/2011	6/1/2017		No	0.67%	100.00%
	CLINTON - MONTROSE 161KV CKT 1 AECl	10/1/2012	6/1/2013		No	\$ -	\$ -
	Compton Ridge - Cox Creek 345 kV	12/1/2011	6/1/2017		No	0.37%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECl	12/1/2011	6/1/2017		No	0.67%	100.00%
	Compton Ridge 345/161 kV Transformer	12/1/2011	6/1/2017		No	0.50%	100.00%
	HARTBURG - INLAND-ORANGE 230KV CKT 1	12/31/2011	12/31/2011			1.70%	100.00%
	HARTBURG - MOUNT OLIVE 500KV CKT 1	12/31/2011	12/31/2011			2.69%	100.00%
	HARTBURG 500/230KV TRANSFORMER CKT 1	12/31/2011	12/31/2011			1.70%	100.00%
	Messick 500/230kV	12/1/2011	6/1/2017		No	\$ 79,024	\$ 6,000,000
					Total	\$ 150,396	\$ 21,600,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
CRGL AG2-2011-036

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
CRGL	75723159	WFEC	EES	50	12/1/2012	12/1/2017	6/1/2017	6/1/2022	\$ -	\$ 3,540,000	\$ 34,070,612	\$ 74,413,443
									\$ -	\$ 3,540,000	\$ 34,070,612	\$ 74,413,443

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
75723159	5 TRIBES - HANCOCK 161KV CKT 1 #2	6/1/2013	6/1/2015			\$ 124,289	\$ 3,770,000	\$ 360,193	
	5 TRIBES - PECAN CREEK 161KV CKT 1	6/1/2013	6/1/2015			\$ 106,198	\$ 2,850,000	\$ 329,174	
	CANTON - OKEENE 69KV CKT 1 #1	12/1/2012	6/1/2013		Yes	\$ 225,000	\$ 225,000	\$ 392,047	
	CANTON - OKEENE 69KV CKT 1 #2	12/1/2012	6/1/2014		Yes	\$ 10,755,000	\$ 10,755,000	\$ 17,890,598	
	Chamber Springs - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 335,980	\$ 40,500,000	\$ 700,979	
	Chamber Springs - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		No	\$ 335,980	\$ 40,500,000	\$ 823,324	
	CLEO CORNER 138KV	6/1/2013	6/1/2014			\$ 2,146	\$ 500,000	\$ 6,803	
	CLINTON JUNCTION - ELK CITY 138KV CKT 1	12/1/2012	6/1/2013			\$ 8,770	\$ 15,000	\$ 24,336	
	CORN TAP - PADLI 138KV CKT 1	6/1/2017	6/1/2017			\$ 225,000	\$ 225,000	\$ 322,351	
	DOVER SW - OKEENE 138KV CKT 1	6/1/2013	6/1/2015			\$ 5,055,203	\$ 15,272,000	\$ 9,923,537	
	EL RENO - ROMAN NOSE 138KV CKT 1	6/1/2013	6/1/2015			\$ 5,589,821	\$ 16,000,000	\$ 16,326,950	
	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 15,819	\$ 915,000	\$ 33,004	
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 10,092	\$ 700,000	\$ 34,696	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015		Yes	\$ 32,590	\$ 2,195,343	\$ 93,576	
	Gentleman - Hooker Co - Wheeler Co 345KV	12/1/2011	6/1/2017		No	\$ 2,330,635	\$ 265,950,000	\$ 4,895,795	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 52,043	\$ 3,300,000	\$ 104,370	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015		Yes	\$ 649,577	\$ 45,543,680	\$ 1,567,102	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015		Yes	\$ 32,752	\$ 2,296,320	\$ 94,916	
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015		Yes	\$ 20,681	\$ 1,450,000	\$ 59,934	
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2017	6/1/2017			\$ 495,488	\$ 47,871,000	\$ 1,111,474	
	Iatan - Jeffrey Energy Center 345 kv KACP	6/1/2012	6/1/2016		No	\$ 189,007	\$ 15,975,000	\$ 523,541	
	Iatan - Jeffrey Energy Center 345 kv WERE	6/1/2012	6/1/2016		No	\$ 756,027	\$ 63,900,000	\$ 1,836,788	
	Multi - Bonanza - North Huntington 69KV Accelerate	6/1/2013	6/1/2015		No	\$ 515,775	\$ 7,641,105	\$ 1,232,832	
	MUSKOGEE - MUSKOGEE TAP 161KV CKT 1 OKGE	6/1/2013	6/1/2014			\$ 10,488	\$ 350,000	\$ 33,210	
	NW Texarkana - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 469,786	\$ 140,400,000	\$ 980,148	
	NW Texarkana - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		No	\$ 117,446	\$ 35,100,000	\$ 287,803	
	ROMAN NOSE - SOUTHWARD 138KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 3,144,274	\$ 9,000,000	\$ 9,183,908	
	Turk - McNeil 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 1,404,567	\$ 72,750,000	\$ 2,930,450	
	Wheeler - Shell Creek 345kv	12/1/2011	6/1/2017		No	\$ 599,776	\$ 81,750,000	\$ 1,259,906	
	Wichita - Viola - Rose Hill 345 kv	12/1/2011	6/1/2017		No	\$ 460,402	\$ 108,000,000	\$ 1,049,695	
						Total	\$ 34,070,612	\$ 1,035,699,448	\$ 74,413,443

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723159	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		Yes
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	10/1/2012	1/1/2015		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	XFR - Medicine Lodge 345/138 kv	10/1/2012	1/1/2015		No



**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723159	5 TRIBES - HANCOCK 161KV CKT 1 #1	10/1/2012	6/1/2013		
	CANTON - TALOGA 69KV CKT 1	12/1/2012	6/1/2013		Yes
	CARNEGIE - HOBART JUNCTION 138KV CKT 1 Accelerated	6/1/2013	6/1/2015		Yes
	CARNEGIE - SOUTHWESTERN STATION 138KV CKT 1 Accelerated	6/1/2013	6/1/2015		Yes
	Circle - Reno 345KV Dbl CKT	12/1/2011	6/1/2017		
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 OKGE	6/1/2012	6/1/2012	1/1/2012	
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 WFEC	6/1/2012	6/1/2012	1/1/2012	
	LAKE CREEK - LONEWOLF 69KV CKT 1	6/1/2013	6/1/2013		
	Mulgren - Circle 345KV Dbl CKT MKEC	12/1/2011	6/1/2017		
	Mulgren - Circle 345KV Dbl CKT WERE	12/1/2011	6/1/2017		
	Speerville - Mulgren 345KV Dbl CKT	12/1/2011	6/1/2017		

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723159	ALTUS SW - NAVAJO 69KV CKT 1	6/1/2013	6/1/2013		
	CANTON - TALOGA 69KV CKT 1	6/1/2011	6/1/2013		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	TALOGA (TALOGA) 138/69/13.8KV TRANSFORMER CKT 1	10/1/2010	6/1/2013		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD - IODINE 138KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD - WOODWARD EHV 138KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD - WOODWARD EHV 138KV CKT 2	1/1/2010	1/1/2010		
	WOODWARD 345/138KV TRANSFORMER CKT 1	1/1/2010	1/1/2010		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723159	Shell Creek 345/230KV	12/1/2011	6/1/2017	6/1/2017	Yes

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	**Total E & C Cost
75723159	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			0.97%	100.00%
	TOVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			0.93%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			1.42%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			1.48%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 223,473	\$ 15,600,000
	Brookline - Compton Ridge 345KV	12/1/2011	6/1/2017		No	0.84%	100.00%
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 209,018	\$ 7,650,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 148,908	\$ 5,450,000
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	10/1/2012	6/1/2013		Yes	\$ -	\$ -
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #2	10/1/2012	6/1/2015		Yes	\$ 192,050	\$ 4,000,000
	Compton Ridge - Cox Creek 345 kv	12/1/2011	6/1/2017		No	1.40%	100.00%
	Compton Ridge - Osage Creek 345 kv	12/1/2011	6/1/2017		No	1.93%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017		No	0.90%	100.00%
	Compton Ridge 345/161 kv Transformer	12/1/2011	6/1/2017		No	0.48%	100.00%
	Dolet Hills - Messick 345 kv CELE	12/1/2011	6/1/2017		No	\$ 908,674	\$ 53,250,000
	GORE - SALLISAW 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 865,800	\$ 9,000,000
	HARTBURG - MESSICK 500.00 500KV CKT 1	10/1/2017	10/1/2017			1.25%	100.00%
	LIBERTY TAP - SALLISAW 161KV CKT 1 AECI	6/1/2013	6/1/2015		Yes	\$ 111,883	\$ 6,500,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015		Yes	\$ 108,846	\$ 6,500,000
	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECI	6/1/2013	6/1/2013			1.72%	100.00%
	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	\$ 103,276	\$ 6,000,000
	McNeil 500/345kv	12/1/2011	6/1/2017		No	\$ 231,681	\$ 12,000,000
	Messick 500/230kv	12/1/2011	6/1/2017		No	\$ 18,071	\$ 6,000,000
	Messick 500/345kv	12/1/2011	6/1/2017		No	\$ 102,386	\$ 6,000,000
	MUSKOGEE - MUSKOGEE TAP 161KV CKT 1 SWPA	6/1/2013	6/1/2013			3.00%	100.00%
	PLEASANT PRAIRIE2 - ZION ; R 345.00 345KV CKT 1	10/1/2013	10/1/2013			1.08%	100.00%
					Total	\$ 3,224,066	\$ 137,950,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
CRGL AG2-2011-037

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
CRGL	75723163	WPEK	EES	200	1/1/2014	1/1/2019	6/1/2017	6/1/2022	\$ -	\$ 14,160,000	\$ 52,887,812	\$ 117,257,981
									\$ -	\$ 14,160,000	\$ 52,887,812	\$ 117,257,981

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
75723163	Chamber Springs - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 1,643,802	\$ 40,500,000	\$ 3,429,583	
	Chamber Springs - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 1,643,802	\$ 40,500,000	\$ 4,028,163	
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 30,076	\$ 500,000	\$ 95,337	
	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 51,910	\$ 915,000	\$ 108,304	
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 33,446	\$ 700,000	\$ 114,985	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015		Yes	\$ 110,887	\$ 2,195,343	\$ 318,391	
	Gentleman - Hooker Co - Wheeler Co 345KV	12/1/2011	6/1/2017		No	\$ 15,847,119	\$ 265,950,000	\$ 33,288,890	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 176,383	\$ 3,300,000	\$ 353,730	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015		Yes	\$ 2,577,462	\$ 45,543,680	\$ 6,218,119	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015		Yes	\$ 129,956	\$ 2,296,320	\$ 376,616	
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015		Yes	\$ 82,060	\$ 1,450,000	\$ 237,812	
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2017	6/1/2017			\$ 3,689,439	\$ 47,871,000	\$ 8,276,117	
	Iatan - Jeffrey Energy Center 345 kV KACP	6/1/2012	6/1/2016		No	\$ 1,170,271	\$ 15,975,000	\$ 3,241,599	
	Iatan - Jeffrey Energy Center 345 kV WERE	6/1/2012	6/1/2016		No	\$ 4,681,085	\$ 63,900,000	\$ 11,372,825	
	NW Texarkana - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 3,467,970	\$ 140,400,000	\$ 7,235,476	
	NW Texarkana - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 866,992	\$ 35,100,000	\$ 2,124,577	
	Turk - McNeil 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 4,099,053	\$ 72,750,000	\$ 8,552,150	
	Wheeler - Shell Creek 345kV	12/1/2011	6/1/2017		No	\$ 4,519,243	\$ 81,750,000	\$ 9,493,245	
	Wichita - Viola - Rose Hill 345 kV	12/1/2011	6/1/2017		No	\$ 8,066,856	\$ 108,000,000	\$ 18,392,061	
						Total	\$ 52,887,812	\$ 969,596,343	\$ 117,257,981

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723163	Circle - Reno 345kV Dbl CKT	12/1/2011	6/1/2017		No
	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC	12/1/2011	6/1/2015		Yes
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE	12/1/2011	6/1/2015		Yes
	HARPER - MILAN TAP 138KV CKT 1 #1	12/1/2011	6/1/2015		Yes
	HARPER - MILAN TAP 138KV CKT 1 #2	12/1/2011	6/1/2015		Yes
	Mulgren - Circle 345kV Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kV Dbl CKT WERE	12/1/2011	6/1/2017		No
	Spearville - Mulgren 345kV Dbl CKT	12/1/2011	6/1/2017		No

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723163	Circle - Reno 345kV Dbl CKT	6/1/2017	6/1/2017		
	FLATRDG3 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2009	6/1/2013		
	FLATRDG3 138.00 - HARPER 138KV CKT 1	12/1/2009	6/1/2013		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	Mulgren - Circle 345kV Dbl CKT MKEC	6/1/2017	6/1/2017		
	Mulgren - Circle 345kV Dbl CKT WERE	6/1/2017	6/1/2017		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville - Mulgren 345kV Dbl CKT	6/1/2017	6/1/2017		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723163	Shell Creek 345/230kV	12/1/2011	6/1/2017	6/1/2017	Yes

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75723163	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			5.66%	100.00%
	SOVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			5.66%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			5.00%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			5.06%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 906,462	\$ 15,600,000
	Brookline - Compton Ridge 345 kV	12/1/2011	6/1/2017		No	4.81%	100.00%
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 804,365	\$ 7,650,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 573,044	\$ 5,450,000
	CLINTON - MONTROSE 161KV CKT 1 AECI	10/1/2012	6/1/2013			\$ -	\$ -
	Compton Ridge - Cox Creek 345 kV	12/1/2011	6/1/2017		No	5.20%	100.00%
	Compton Ridge - Osage Creek 345 kV	12/1/2011	6/1/2017		No	4.80%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017		No	4.42%	100.00%
	Compton Ridge 345/161 kV Transformer	12/1/2011	6/1/2017		No	0.01%	100.00%
	Dolet Hills - Messick 345 kV CELE	12/1/2011	6/1/2017		No	\$ 2,812,633	\$ 53,250,000
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2013	6/1/2015			\$ 514,096	\$ 8,000,000
	HARTBURG - MESSICK 500.00 500KV CKT 1	10/1/2017	10/1/2017			4.47%	100.00%
	LIBERTY TAP - SALLISAW 161KV CKT 1 AECI	6/1/2013	6/1/2015		Yes	\$ 381,146	\$ 6,500,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015		Yes	\$ 370,800	\$ 6,500,000
	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECI	6/1/2013	6/1/2013			5.86%	100.00%
	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	\$ 351,827	\$ 6,000,000
	McNeil 500/345kV	12/1/2011	6/1/2017		No	\$ 676,132	\$ 12,000,000
	Messick 500/230kV	12/1/2011	6/1/2017		No	\$ 100,465	\$ 6,000,000
	Messick 500/345kV	12/1/2011	6/1/2017		No	\$ 316,916	\$ 6,000,000
	PLEASANT PRAIRIE2 - ZION ; R 345.00 345KV CKT 1	10/1/2013	10/1/2013			5.73%	100.00%
					Total	\$ 7,807,886	\$ 132,950,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
CRGL AG2-2011-038

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
CRGL	75723183	WPEK	EES	200	1/1/2014	1/1/2019	6/1/2017	6/1/2022	\$ -	\$ 14,160,000	\$ 52,887,812	\$ 117,257,981
									\$ -	\$ 14,160,000	\$ 52,887,812	\$ 117,257,981

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
75723183	Chamber Springs - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 1,643,802	\$ 40,500,000	\$ 3,429,583	
	Chamber Springs - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 1,643,802	\$ 40,500,000	\$ 4,028,163	
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 30,076	\$ 500,000	\$ 95,337	
	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 51,910	\$ 915,000	\$ 108,304	
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 33,446	\$ 700,000	\$ 114,985	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015		Yes	\$ 110,887	\$ 2,195,343	\$ 318,391	
	Gentleman - Hooker Co - Wheeler Co 345KV	12/1/2011	6/1/2017		No	\$ 15,847,119	\$ 265,950,000	\$ 33,288,890	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 176,383	\$ 3,300,000	\$ 353,730	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015		Yes	\$ 2,577,462	\$ 45,543,680	\$ 6,218,119	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015		Yes	\$ 129,956	\$ 2,296,320	\$ 376,616	
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015		Yes	\$ 82,060	\$ 1,450,000	\$ 237,812	
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2017	6/1/2017			\$ 3,689,439	\$ 47,871,000	\$ 8,276,117	
	Iatan - Jeffrey Energy Center 345 kV KACP	6/1/2012	6/1/2016		No	\$ 1,170,271	\$ 15,975,000	\$ 3,241,599	
	Iatan - Jeffrey Energy Center 345 kV WERE	6/1/2012	6/1/2016		No	\$ 4,681,085	\$ 63,900,000	\$ 11,372,825	
	NW Texarkana - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 3,467,970	\$ 140,400,000	\$ 7,235,476	
	NW Texarkana - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 866,992	\$ 35,100,000	\$ 2,124,577	
	Turk - McNeil 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 4,099,053	\$ 72,750,000	\$ 8,552,150	
	Wheeler - Shell Creek 345kV	12/1/2011	6/1/2017		No	\$ 4,519,243	\$ 81,750,000	\$ 9,493,245	
	Wichita - Viola - Rose Hill 345 kV	12/1/2011	6/1/2017		No	\$ 8,066,856	\$ 108,000,000	\$ 18,392,061	
						Total	\$ 52,887,812	\$ 969,596,343	\$ 117,257,981

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723183	Circle - Reno 345kV Dbl CKT	12/1/2011	6/1/2017		No
	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC	12/1/2011	6/1/2015		Yes
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE	12/1/2011	6/1/2015		Yes
	HARPER - MILAN TAP 138KV CKT 1 #1	12/1/2011	6/1/2015		Yes
	HARPER - MILAN TAP 138KV CKT 1 #2	12/1/2011	6/1/2015		Yes
	Mulgren - Circle 345kV Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kV Dbl CKT WERE	12/1/2011	6/1/2017		No
	Spearville - Mulgren 345kV Dbl CKT	12/1/2011	6/1/2017		No

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723183	Circle - Reno 345kV Dbl CKT	6/1/2017	6/1/2017		
	FLATRDG3 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2009	6/1/2013		
	FLATRDG3 138.00 - HARPER 138KV CKT 1	12/1/2009	6/1/2013		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	Mulgren - Circle 345kV Dbl CKT MKEC	6/1/2017	6/1/2017		
	Mulgren - Circle 345kV Dbl CKT WERE	6/1/2017	6/1/2017		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville - Mulgren 345kV Dbl CKT	6/1/2017	6/1/2017		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723183	Shell Creek 345/230kV	12/1/2011	6/1/2017	6/1/2017	Yes

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75723183	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			5.66%	100.00%
	SOVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			5.66%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			5.00%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			5.06%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 906,462	\$ 15,600,000
	Brookline - Compton Ridge 345 kV	12/1/2011	6/1/2017		No	4.81%	100.00%
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 804,365	\$ 7,650,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 573,044	\$ 5,450,000
	CLINTON - MONTROSE 161KV CKT 1 AECI	10/1/2012	6/1/2013			\$ -	\$ -
	Compton Ridge - Cox Creek 345 kV	12/1/2011	6/1/2017		No	5.20%	100.00%
	Compton Ridge - Osage Creek 345 kV	12/1/2011	6/1/2017		No	4.80%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017		No	4.42%	100.00%
	Compton Ridge 345/161 kV Transformer	12/1/2011	6/1/2017		No	0.01%	100.00%
	Dolet Hills - Messick 345 kV CELE	12/1/2011	6/1/2017		No	\$ 2,812,633	\$ 53,250,000
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2013	6/1/2015			\$ 514,096	\$ 8,000,000
	HARTBURG - MESSICK 500.00 500KV CKT 1	10/1/2017	10/1/2017			4.47%	100.00%
	LIBERTY TAP - SALLISAW 161KV CKT 1 AECI	6/1/2013	6/1/2015		Yes	\$ 381,146	\$ 6,500,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015		Yes	\$ 370,800	\$ 6,500,000
	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECI	6/1/2013	6/1/2013			5.86%	100.00%
	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	\$ 351,827	\$ 6,000,000
	McNeil 500/345kV	12/1/2011	6/1/2017		No	\$ 676,132	\$ 12,000,000
	Messick 500/230kV	12/1/2011	6/1/2017		No	\$ 100,465	\$ 6,000,000
	Messick 500/345kV	12/1/2011	6/1/2017		No	\$ 316,916	\$ 6,000,000
	PLEASANT PRAIRIE2 - ZION ; R 345.00 345KV CKT 1	10/1/2013	10/1/2013			5.73%	100.00%
					Total	\$ 7,807,886	\$ 132,950,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
CRGL AG2-2011-039

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
CRGL	75723186	WPEK	EES	100	1/1/2014	1/1/2019	6/1/2017	6/1/2022	\$ -	\$ 7,080,000	\$ 26,443,546	\$ 58,628,111
									\$ -	\$ 7,080,000	\$ 26,443,546	\$ 58,628,111

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
75723186	Chamber Springs - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 821,901	\$ 40,500,000	\$ 1,714,791	
	Chamber Springs - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 821,901	\$ 40,500,000	\$ 2,014,081	
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 15,038	\$ 500,000	\$ 47,669	
	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 25,955	\$ 915,000	\$ 54,152	
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 16,724	\$ 700,000	\$ 57,496	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015		Yes	\$ 55,446	\$ 2,195,343	\$ 159,203	
	Gentleman - Hooker Co - Wheeler Co 345KV	12/1/2011	6/1/2017		No	\$ 7,923,559	\$ 265,950,000	\$ 16,644,444	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 88,192	\$ 3,300,000	\$ 176,866	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015		Yes	\$ 1,288,395	\$ 45,543,680	\$ 3,108,249	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015		Yes	\$ 64,961	\$ 2,296,320	\$ 188,259	
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015		Yes	\$ 41,019	\$ 1,450,000	\$ 118,874	
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2017	6/1/2017			\$ 1,844,720	\$ 47,871,000	\$ 4,138,059	
	Iatan - Jeffrey Energy Center 345 kV KACP	6/1/2012	6/1/2016		No	\$ 585,136	\$ 15,975,000	\$ 1,620,801	
	Iatan - Jeffrey Energy Center 345 kV WERE	6/1/2012	6/1/2016		No	\$ 2,340,543	\$ 63,900,000	\$ 5,686,414	
	NW Texarkana - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 1,733,985	\$ 140,400,000	\$ 3,617,738	
	NW Texarkana - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 433,496	\$ 35,100,000	\$ 1,062,289	
	Turk - McNeil 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 2,049,526	\$ 72,750,000	\$ 4,276,074	
	Wheeler - Shell Creek 345kV	12/1/2011	6/1/2017		No	\$ 2,259,621	\$ 81,750,000	\$ 4,746,621	
	Wichita - Viola - Rose Hill 345 kV	12/1/2011	6/1/2017		No	\$ 4,033,428	\$ 108,000,000	\$ 9,196,030	
						Total	\$ 26,443,546	\$ 969,596,343	\$ 58,628,111

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723186	Circle - Reno 345kV Dbl CKT	12/1/2011	6/1/2017		No
	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC	12/1/2011	6/1/2015		Yes
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE	12/1/2011	6/1/2015		Yes
	HARPER - MILAN TAP 138KV CKT 1 #1	12/1/2011	6/1/2015		Yes
	HARPER - MILAN TAP 138KV CKT 1 #2	12/1/2011	6/1/2015		Yes
	Mulgren - Circle 345kV Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kV Dbl CKT WERE	12/1/2011	6/1/2017		No
	Spearville - Mulgren 345kV Dbl CKT	12/1/2011	6/1/2017		No

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723186	Circle - Reno 345kV Dbl CKT	6/1/2017	6/1/2017		
	FLATRDG3 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2009	6/1/2013		
	FLATRDG3 138.00 - HARPER 138KV CKT 1	12/1/2009	6/1/2013		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	Mulgren - Circle 345kV Dbl CKT MKEC	6/1/2017	6/1/2017		
	Mulgren - Circle 345kV Dbl CKT WERE	6/1/2017	6/1/2017		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville - Mulgren 345kV Dbl CKT	6/1/2017	6/1/2017		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723186	Shell Creek 345/230kV	12/1/2011	6/1/2017	6/1/2017	Yes

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75723186	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			2.83%	100.00%
	SOVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			2.83%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			2.50%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			2.53%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 453,259	\$ 15,600,000
	Brookline - Compton Ridge 345 kV	12/1/2011	6/1/2017		No	2.40%	100.00%
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 402,182	\$ 7,650,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 286,522	\$ 5,450,000
	CLINTON - MONTROSE 161KV CKT 1 AECI	10/1/2012	6/1/2013			\$ -	\$ -
	Compton Ridge - Cox Creek 345 kV	12/1/2011	6/1/2017		No	2.60%	100.00%
	Compton Ridge - Osage Creek 345 kV	12/1/2011	6/1/2017		No	2.40%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017		No	2.21%	100.00%
	Compton Ridge 345/161 kV Transformer	12/1/2011	6/1/2017		No	0.01%	100.00%
	Dolet Hills - Messick 345 kV CELE	12/1/2011	6/1/2017		No	\$ 1,406,316	\$ 53,250,000
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2013	6/1/2015			\$ 257,134	\$ 8,000,000
	HARTBURG - MESSICK 500.00 500KV CKT 1	10/1/2017	10/1/2017			2.23%	100.00%
	LIBERTY TAP - SALLISAW 161KV CKT 1 AECI	6/1/2013	6/1/2015		Yes	\$ 190,527	\$ 6,500,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015		Yes	\$ 185,356	\$ 6,500,000
	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECI	6/1/2013	6/1/2013			2.93%	100.00%
	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	\$ 175,871	\$ 6,000,000
	McNeil 500/345kV	12/1/2011	6/1/2017		No	\$ 338,066	\$ 12,000,000
	Messick 500/230kV	12/1/2011	6/1/2017		No	\$ 50,232	\$ 6,000,000
	Messick 500/345kV	12/1/2011	6/1/2017		No	\$ 158,458	\$ 6,000,000
	PLEASANT PRAIRIE2 - ZION ; R 345.00 345KV CKT 1	10/1/2013	10/1/2013			2.86%	100.00%
					Total	\$ 3,903,923	\$ 132,950,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
CRGL AG2-2011-040

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
CRGL	75723193	SPS	EES	302	12/1/2012	12/1/2017	6/1/2017	6/1/2022	\$ -	\$ 21,381,600	\$ 94,740,342	\$ 207,052,104
									\$ -	\$ 21,381,600	\$ 94,740,342	\$ 207,052,104

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
75723193	Chamber Springs - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 2,390,732	\$ 40,500,000	\$ 4,987,957	
	Chamber Springs - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 2,390,732	\$ 40,500,000	\$ 5,858,526	
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 49,987	\$ 500,000	\$ 158,453	
	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 75,213	\$ 915,000	\$ 156,922	
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 49,635	\$ 700,000	\$ 170,641	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015		Yes	\$ 164,316	\$ 2,195,343	\$ 471,802	
	Gentleman - Hooker Co - Wheeler Co 345KV	12/1/2011	6/1/2017		No	\$ 40,693,244	\$ 265,950,000	\$ 85,481,338	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 255,248	\$ 3,300,000	\$ 511,891	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015		Yes	\$ 3,776,422	\$ 45,543,680	\$ 9,110,606	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015		Yes	\$ 190,408	\$ 2,296,320	\$ 551,808	
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015		Yes	\$ 120,232	\$ 1,450,000	\$ 348,436	
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2017	6/1/2017			\$ 4,695,260	\$ 47,871,000	\$ 10,532,365	
	Iatan - Jeffrey Energy Center 345 kV KACP	6/1/2012	6/1/2016		No	\$ 1,465,457	\$ 15,975,000	\$ 4,059,252	
	Iatan - Jeffrey Energy Center 345 kV WERE	6/1/2012	6/1/2016		No	\$ 5,861,828	\$ 63,900,000	\$ 14,241,473	
	NW Texarkana - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 4,961,784	\$ 140,400,000	\$ 10,352,128	
	NW Texarkana - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 1,240,446	\$ 35,100,000	\$ 3,039,732	
	Turk - McNeil 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 6,169,193	\$ 72,750,000	\$ 12,871,233	
	Wheeler - Shell Creek 345kV	12/1/2011	6/1/2017		No	\$ 10,512,645	\$ 81,750,000	\$ 22,083,149	
	Wichita - Viola - Rose Hill 345 kV	12/1/2011	6/1/2017		No	\$ 9,677,560	\$ 108,000,000	\$ 22,064,392	
						Total	\$ 94,740,342	\$ 969,596,343	\$ 207,052,104

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723193	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		Yes
	Line - Comanche County - Medicine Lodge 345 kV dbi ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kV dbi ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kV dbi ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kV dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kV dbi ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbi Ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbi Ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbi ckt SUNC	10/1/2012	1/1/2015		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	TUCO - WOODWARD 345 kV CKT 1 OKGE	10/1/2012	6/1/2014		No
	TUCO - WOODWARD 345 kV CKT 1 SPS	6/1/2014	6/1/2014		
	XFR - Medicine Lodge 345/138 kV	10/1/2012	1/1/2015		No



**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723193	Circle - Reno 345kV Dbl CKT	12/1/2011	6/1/2017		No
	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC	12/1/2011	6/1/2015		Yes
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE	12/1/2011	6/1/2015		Yes
	CLIFTON - GREENLEAF 115KV CKT 1	10/1/2012	6/1/2013		Yes
	FLATRDG3 138.00 - HARPER 138KV CKT 1	12/1/2011	6/1/2013		Yes
	GRAY CO SUB 1-Judson LRG 115kv CKT 2	12/1/2011	6/1/2015		Yes
	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	10/1/2012	6/1/2013		Yes
	HARPER - MILAN TAP 138KV CKT 1 #1	12/1/2011	6/1/2015		Yes
	HARPER - MILAN TAP 138KV CKT 1 #2	12/1/2011	6/1/2015		Yes
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #1	6/1/2012	6/1/2012		
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	6/1/2012	6/1/2014		No
	HAYS PLANT - VINE STREET 115KV CKT 1	6/1/2012	6/1/2013		No
	Judson Large - North Judson Large 115KV CKT 2	12/1/2011	6/1/2015		Yes
	MEDICINE LODGE (MED-LDG4) 138/115/2.72KV TRANSFORMER CKT 1	10/1/2012	6/1/2013		Yes
	Mulgren - Circle 345kV Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kV Dbl CKT WERE	12/1/2011	6/1/2017		No
	North Judson Large - Spearville 115KV CKT 2	12/1/2011	6/1/2015		Yes
	Spearville - Mulgren 345kV Dbl CKT	12/1/2011	6/1/2017		No
	Spearville 345/115/13.8kV Transformer CKT 3	12/1/2011	6/1/2015		Yes

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723193	Circle - Reno 345kV Dbl CKT	6/1/2017	6/1/2017		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	Mulgren - Circle 345kV Dbl CKT MKEC	6/1/2017	6/1/2017		
	Mulgren - Circle 345kV Dbl CKT WERE	6/1/2017	6/1/2017		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville - Mulgren 345kV Dbl CKT	6/1/2017	6/1/2017		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723193	CIMARRON RIVER PLANT - GRAY CO SUB 1T 115KV CKT 1	12/1/2011	6/1/2015	6/1/2015	Yes
	Shell Creek 345/230kV	12/1/2011	6/1/2017	6/1/2017	Yes

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75723193	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			8.40%	100.00%
	7OVERTON 345.00 ( ) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			8.29%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			7.40%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			7.50%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 1,281,649	\$ 15,600,000
	Brookline - Compton Ridge345 kV	12/1/2011	6/1/2017		No	6.98%	100.00%
	CLINTON - MONROSE 161KV CKT 1 AECI	10/1/2012	6/1/2013		No	\$ -	\$ -
	Compton Ridge - Cox Creek 345 kV	12/1/2011	6/1/2017		No	7.57%	100.00%
	Compton Ridge - Osage Creek 345 kV	12/1/2011	6/1/2017		No	7.03%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017		No	6.45%	100.00%
	Compton Ridge 345/161 kV Transformer	12/1/2011	6/1/2017		No	0.22%	100.00%
	Dolet Hills - Messick 345 kV CELE	12/1/2011	6/1/2017		No	\$ 4,230,149	\$ 53,250,000
	HARTBURG - MESSICK 500.00 500KV CKT 1	10/1/2017	10/1/2017			6.70%	100.00%
	LIBERTY TAP - SALLISAW 161KV CKT 1 AECI	6/1/2013	6/1/2015		Yes	\$ 564,045	\$ 6,500,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015		Yes	\$ 548,735	\$ 6,500,000
	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECI	6/1/2013	6/1/2013			8.68%	100.00%
	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	\$ 520,657	\$ 6,000,000
	McNeil 500/345kV	12/1/2011	6/1/2017		No	\$ 1,017,599	\$ 12,000,000
	Messick 500/230kV	12/1/2011	6/1/2017		No	\$ 149,318	\$ 6,000,000
	Messick 500/345kV	12/1/2011	6/1/2017		No	\$ 476,636	\$ 6,000,000
	PLEASANT PRAIRIE2 - ZION ; R 345.00 345KV CKT 1	10/1/2013	10/1/2013			9.22%	100.00%
					Total	\$ 8,788,788	\$ 111,850,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
CRGL AG2-2011-041

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
CRGL	75723256	NPPD	EES	200	12/1/2012	12/1/2032	6/1/2017	6/1/2037	\$ -	\$ 56,640,000	\$ 11,623,102	\$ 42,743,653
									\$ -	\$ 56,640,000	\$ 11,623,102	\$ 42,743,653

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75723256	Chamber Springs - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 1,345,030	\$ 40,500,000	\$ 4,693,276
	Chamber Springs - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 1,345,030	\$ 40,500,000	\$ 5,766,794
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 10,471	\$ 500,000	\$ 57,808
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 21,284	\$ 700,000	\$ 127,440
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015		Yes	\$ 72,924	\$ 2,195,343	\$ 364,675
	NW Texarkana - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 3,087,918	\$ 140,400,000	\$ 10,774,817
	NW Texarkana - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 771,980	\$ 35,100,000	\$ 3,309,851
	Turk - McNeil 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 2,653,823	\$ 72,750,000	\$ 9,260,109
	Wichita - Viola - Rose Hill 345 kV	12/1/2011	6/1/2017		No	\$ 2,314,642	\$ 108,000,000	\$ 8,388,883
<b>Total</b>						<b>\$ 11,623,102</b>	<b>\$ 440,645,343</b>	<b>\$ 42,743,653</b>

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723256	Line - Comanche County - Medicine Lodge 345 kV dbi ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kV dbi ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kV dbi ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kV dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kV dbi ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbi Ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbi Ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbi ckt SUNC	10/1/2012	1/1/2015		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	TUCO - WOODWARD 345 KV CKT 1 OKGE	10/1/2012	6/1/2014		No
	TUCO - WOODWARD 345 KV CKT 1 SPS	6/1/2014	6/1/2014		
	XFR - Medicine Lodge 345/138 kV	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723256	Circle - Reno 345kV Dbl CKT	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kV Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kV Dbl CKT WERE	12/1/2011	6/1/2017		No
	Spearville - Mulgren 345kV Dbl CKT	12/1/2011	6/1/2017		No

Credits may be required for the following Network Upgrades in accordance with Attachment 22 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723256	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75723256	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			5.82%	100.00%
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			5.11%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			3.44%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			3.35%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 422,196	\$ 15,600,000
	Brookline - Compton Ridge 345 kV	12/1/2011	6/1/2017		No	4.43%	100.00%
	CLINTON - MONTROSE 161KV CKT 1 AECI	10/1/2012	6/1/2013		No	\$ -	\$ -
	Compton Ridge - Cox Creek 345 kV	12/1/2011	6/1/2017		No	3.12%	100.00%
	Compton Ridge - Osage Creek 345 kV	12/1/2011	6/1/2017		No	0.91%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017		No	3.79%	100.00%
	Dolet Hills - Messick 345 kV CELE	12/1/2011	6/1/2017		No	\$ 1,992,064	\$ 53,250,000
	HARTBURG - MESSICK 500.00 500KV CKT 1	10/1/2017	10/1/2017			3.72%	100.00%
	McNeil 500/345kV	12/1/2011	6/1/2017		No	\$ 437,744	\$ 12,000,000
	Messick 500/230kV	12/1/2011	6/1/2017		No	\$ 111,185	\$ 6,000,000
	Messick 500/345kV	12/1/2011	6/1/2017		No	\$ 224,458	\$ 6,000,000
	PLEASANT PRAIRIE2 - ZION ; R 345.00 345KV CKT 1	10/1/2013	10/1/2013			10.92%	100.00%
					Total	\$ 3,187,647	\$ 92,850,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
CRGL AG2-2011-042

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
CRGL	75723270	NPPD	EES	200	12/1/2012	12/1/2032	6/1/2017	6/1/2037	\$ -	\$ 56,640,000	\$ 10,589,743	\$ 38,958,412
									\$ -	\$ 56,640,000	\$ 10,589,743	\$ 38,958,412

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75723270	Chamber Springs - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017			\$ 1,290,884	\$ 40,500,000	\$ 4,504,342
	Chamber Springs - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017			\$ 1,290,884	\$ 40,500,000	\$ 5,534,644
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 10,333	\$ 500,000	\$ 57,046
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 21,362	\$ 700,000	\$ 127,907
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015		Yes	\$ 74,608	\$ 2,195,343	\$ 373,096
	NW Texarkana - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017			\$ 2,372,683	\$ 140,400,000	\$ 8,279,114
	NW Texarkana - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017			\$ 593,171	\$ 35,100,000	\$ 2,543,211
	Turk - McNeil 345 kV AEPW	12/1/2011	6/1/2017			\$ 2,591,699	\$ 72,750,000	\$ 9,043,337
	Wichita - Viola - Rose Hill 345 kV	12/1/2011	6/1/2017		No	\$ 2,344,119	\$ 108,000,000	\$ 8,495,716
<b>Total</b>						<b>\$ 10,589,743</b>	<b>\$ 440,645,343</b>	<b>\$ 38,958,412</b>

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723270	Line - Comanche County - Medicine Lodge 345 kV dbi ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kV dbi ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kV dbi ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kV dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kV dbi ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbi Ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbi Ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbi ckt SUNC	10/1/2012	1/1/2015		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	TUCO - WOODWARD 345 KV CKT 1 OKGE	10/1/2012	6/1/2014		No
	TUCO - WOODWARD 345 KV CKT 1 SPS	6/1/2014	6/1/2014		No
	XFR - Medicine Lodge 345/138 kV	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723270	Circle - Reno 345kV Dbl CKT	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kV Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kV Dbl CKT WERE	12/1/2011	6/1/2017		No
	Spearville - Mulgren 345kV Dbl CKT	12/1/2011	6/1/2017		No

Credits may be required for the following Network Upgrades in accordance with Attachment 22 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723270	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75723270	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			6.06%	100.00%
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			5.29%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			3.44%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			3.42%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 460,069	\$ 15,600,000
	Brookline - Compton Ridge 345 kV	12/1/2011	6/1/2017			4.74%	100.00%
	CLINTON - MONTROSE 161KV CKT 1 AECI	10/1/2012	6/1/2013		No	\$ -	\$ -
	Compton Ridge - Cox Creek 345 kV	12/1/2011	6/1/2017			3.60%	100.00%
	Compton Ridge - Osage Creek 345 kV	12/1/2011	6/1/2017			1.42%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017			3.85%	100.00%
	Dolet Hills - Messick 345 kV CELE	12/1/2011	6/1/2017			\$ 1,576,179	\$ 53,250,000
	HARTBURG - MESSICK 500.00 500KV CKT 1	10/1/2017	10/1/2017			1.85%	100.00%
	McNeil 500/345kV	12/1/2011	6/1/2017			\$ 427,497	\$ 12,000,000
	Messick 500/230kV	12/1/2011	6/1/2017			\$ 11,639	\$ 6,000,000
	Messick 500/345kV	12/1/2011	6/1/2017			\$ 177,598	\$ 6,000,000
	PLEASANT PRAIRIE2 - ZION ; R 345.00 345KV CKT 1	10/1/2013	10/1/2013			10.71%	100.00%
					Total	\$ 2,652,982	\$ 92,850,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
CRGL AG2-2011-043

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
CRGL	75723313	OKGE	EES	200	12/1/2012	12/1/2032	6/1/2017	6/1/2037	\$ -	\$ 56,640,000	\$ 94,182,498	\$ 360,916,034
									\$ -	\$ 56,640,000	\$ 94,182,498	\$ 360,916,034

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
75723313	5 TRIBES - HANCOCK 161KV CKT 1 #2	6/1/2013	6/1/2015		Yes	\$ 478,402	\$ 3,770,000	\$ 2,414,633	
	Chamber Springs - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 1,536,899	\$ 40,500,000	\$ 5,362,774	
	Chamber Springs - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		No	\$ 1,536,899	\$ 40,500,000	\$ 6,589,429	
	CLEO CORNER - GLASS MOUNTAIN 138KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 13,500,000	\$ 13,500,000	\$ 68,674,582	
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 133,074	\$ 500,000	\$ 734,667	
	CLINTON JUNCTION - ELK CITY 138KV CKT 1	12/1/2012	6/1/2013			\$ 6,230	\$ 15,000	\$ 28,813	
	DOVER SW - OKEENE 138KV CKT 1	6/1/2013	6/1/2015			\$ 10,216,797	\$ 15,272,000	\$ 26,741,232	
	EL RENO - ROMAN NOSE 138KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 10,410,179	\$ 16,000,000	\$ 52,956,644	
	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 64,217	\$ 915,000	\$ 224,075	
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 39,871	\$ 700,000	\$ 238,731	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015		Yes	\$ 128,270	\$ 2,195,343	\$ 641,446	
	Gentleman - Hooker Co - Wheeler Co 345kv	12/1/2011	6/1/2017		No	\$ 10,622,662	\$ 265,950,000	\$ 33,907,379	
	GLASS MOUNTAIN - MOORELAND 138KV CKT 1	12/1/2012	6/1/2015		Yes	\$ 13,106,250	\$ 13,106,250	\$ 34,304,026	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 213,256	\$ 3,300,000	\$ 792,297	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015		Yes	\$ 2,729,433	\$ 45,543,680	\$ 10,974,581	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015		Yes	\$ 137,618	\$ 2,296,320	\$ 694,598	
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015		Yes	\$ 86,899	\$ 1,450,000	\$ 438,604	
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2017	6/1/2017			\$ 2,322,394	\$ 47,871,000	\$ 8,281,260	
	Iatan - Jeffrey Energy Center 345 kv KACP	6/1/2012	6/1/2016		No	\$ 863,148	\$ 15,975,000	\$ 4,111,855	
	Iatan - Jeffrey Energy Center 345 kv WERE	6/1/2012	6/1/2016		No	\$ 3,452,594	\$ 63,900,000	\$ 13,319,912	
	Multi - Bonanza - North Huntington 69KV Accelerate	6/1/2013	6/1/2015		No	\$ 1,999,422	\$ 7,641,105	\$ 7,965,203	
	MUSKOGEE - MUSKOGEE TAP 161KV CKT 1 OKGE	6/1/2013	6/1/2014			\$ 42,597	\$ 350,000	\$ 234,916	
	NW Texarkana - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 3,029,855	\$ 140,400,000	\$ 10,572,215	
	NW Texarkana - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		No	\$ 757,464	\$ 35,100,000	\$ 3,247,614	
	ROMAN NOSE - SOUTHARD 138KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 5,855,726	\$ 9,000,000	\$ 29,788,114	
	Turk - McNeil 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 4,998,721	\$ 72,750,000	\$ 17,442,272	
	Wheeler - Shell Creek 345kv	12/1/2011	6/1/2017		No	\$ 2,772,221	\$ 81,750,000	\$ 8,848,888	
	Wichita - Viola - Rose Hill 345 kv	12/1/2011	6/1/2017		No	\$ 3,141,400	\$ 108,000,000	\$ 11,385,276	
						Total	\$ 94,182,498	\$ 1,048,250,698	\$ 360,916,034

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723313	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		Yes
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	10/1/2012	1/1/2015		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	XFR - Medicine Lodge 345/138 kv	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723313	5 TRIBES - HANCOCK 161KV CKT 1 #1	10/1/2012	6/1/2013		Yes
	Circle - Reno 345kv Dbl CKT	12/1/2011	6/1/2017		Yes
	Mulgren - Circle 345kv Dbl CKT MKEC	12/1/2011	6/1/2017		Yes
	Mulgren - Circle 345kv Dbl CKT WERE	12/1/2011	6/1/2017		Yes
	NORTHWEST 345/138/13.8KV TRANSFORMER CKT 3 Accelerated	6/1/2013	6/1/2015		Yes
	Spearville - Mulgren 345kv Dbl CKT	12/1/2011	6/1/2017		Yes

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723313	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD - WOODWARD EHV 138KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD 345/138KV TRANSFORMER CKT 1	1/1/2010	1/1/2010		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723313	Shell Creek 345/230kv	12/1/2011	6/1/2017	6/1/2017	Yes

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75723313	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			4.34%	100.00%
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			4.25%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			5.64%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			5.82%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 928,998	\$ 15,600,000
	Brookline - Compton Ridge345 kv	12/1/2011	6/1/2017		No	3.82%	100.00%
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 849,973	\$ 7,650,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 605,536	\$ 5,450,000
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	10/1/2012	6/1/2013		Yes	-	-
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #2	10/1/2012	6/1/2015		Yes	\$ 768,678	\$ 4,000,000
	CLINTON - MONTROSE 161KV CKT 1 AECl	10/1/2012	6/1/2013			-	-
	Compton Ridge - Cox Creek 345 kv	12/1/2011	6/1/2017		No	5.67%	100.00%
	Compton Ridge - Osage Creek 345 kv	12/1/2011	6/1/2017		No	7.23%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECl	12/1/2011	6/1/2017		No	3.96%	100.00%
	Compton Ridge 345/161 kv Transformer	12/1/2011	6/1/2017		No	1.80%	100.00%
	Dolet Hills - Messick 345 kv CELE	12/1/2011	6/1/2017		No	\$ 3,303,929	\$ 53,250,000
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 491,422	\$ 8,000,000
	GORE - SALLISAW 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 3,336,193	\$ 9,000,000
	HARTBURG - MESSICK 500.00 500KV CKT 1	10/1/2017	10/1/2017			4.82%	100.00%
	LIBERTY TAP - SALLISAW 161KV CKT 1 AECl	6/1/2013	6/1/2015		Yes	\$ 440,720	\$ 6,500,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015		Yes	\$ 428,757	\$ 6,500,000
	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECl	6/1/2013	6/1/2013			6.78%	100.00%
	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	\$ 406,818	\$ 6,000,000
	McNeil 500/345kv	12/1/2011	6/1/2017		No	\$ 824,531	\$ 12,000,000
	Messick 500/230kv	12/1/2011	6/1/2017		No	\$ 86,681	\$ 6,000,000
	Messick 500/345kv	12/1/2011	6/1/2017		No	\$ 372,274	\$ 6,000,000
	MUSKOGEE - MUSKOGEE TAP 161KV CKT 1 SWPA	6/1/2013	6/1/2013			12.17%	100.00%
	PLEASANT PRAIRIE2 - ZION ; R 345.00 345KV CKT 1	10/1/2013	10/1/2013			4.64%	100.00%
					Total	\$ 12,844,510	\$ 145,950,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
CRGL AG2-2011-044

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
CRGL	75723323	SECI	EES	200	12/1/2012	12/1/2032	6/1/2017	6/1/2037	\$ -	\$ 56,640,000	\$ 72,197,748	\$ 246,142,345
									\$ -	\$ 56,640,000	\$ 72,197,748	\$ 246,142,345

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
75723323	Chamber Springs - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 1,568,276	\$ 40,500,000	\$ 5,472,259	
	Chamber Springs - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 1,568,276	\$ 40,500,000	\$ 6,723,957	
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 30,394	\$ 500,000	\$ 167,797	
	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 47,241	\$ 915,000	\$ 164,840	
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 31,801	\$ 700,000	\$ 190,411	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015		Yes	\$ 105,564	\$ 2,195,343	\$ 527,899	
	Gentleman - Hooker Co - Wheeler Co 345KV	12/1/2011	6/1/2017		No	\$ 35,546,675	\$ 265,950,000	\$ 113,464,457	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 160,826	\$ 3,300,000	\$ 597,507	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015		Yes	\$ 2,444,991	\$ 45,543,680	\$ 9,830,888	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015		Yes	\$ 123,277	\$ 2,296,320	\$ 622,214	
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015		Yes	\$ 77,843	\$ 1,450,000	\$ 392,896	
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2017	6/1/2017			\$ 2,815,243	\$ 47,871,000	\$ 10,038,675	
	Iatan - Jeffrey Energy Center 345 kV KACP	6/1/2012	6/1/2016		No	\$ 867,232	\$ 15,975,000	\$ 4,131,311	
	Iatan - Jeffrey Energy Center 345 kV WERE	6/1/2012	6/1/2016		No	\$ 3,468,929	\$ 63,900,000	\$ 13,382,932	
	NW Texarkana - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 3,289,821	\$ 140,400,000	\$ 11,479,327	
	NW Texarkana - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 822,455	\$ 35,100,000	\$ 3,526,262	
	RULETON 115KV Capacitor	6/1/2013	6/1/2015		No	\$ 333,333	\$ 500,000	\$ 1,313,544	
	Turk - McNeil 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 3,942,049	\$ 72,750,000	\$ 13,755,176	
	Wheeler - Shell Creek 345kV	12/1/2011	6/1/2017		No	\$ 8,872,850	\$ 81,750,000	\$ 28,322,005	
	Wichita - Viola - Rose Hill 345 kV	12/1/2011	6/1/2017		No	\$ 6,080,672	\$ 108,000,000	\$ 22,037,986	
						Total	\$ 72,197,748	\$ 970,096,343	\$ 246,142,345

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723323	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		Yes
	Line - Comanche County - Medicine Lodge 345 kV dbi ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kV dbi ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kV dbi ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kV dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kV dbi ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbi Ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbi Ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbi ckt SUNC	10/1/2012	1/1/2015		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	TUCO - WOODWARD 345 KV CKT 1 OKGE	10/1/2012	6/1/2014		No
	TUCO - WOODWARD 345 KV CKT 1 SPS	6/1/2014	6/1/2014		No
	XFR - Medicine Lodge 345/138 kV	10/1/2012	1/1/2015		No



**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723323	Circle - Reno 345kV Dbl CKT	12/1/2011	6/1/2017		No
	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC	12/1/2011	6/1/2015		Yes
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE	12/1/2011	6/1/2015		Yes
	FLATRDG3 138.00 - HARPER 138KV CKT 1	12/1/2011	6/1/2013		Yes
	GRAY CO SUB 1-Judson LRG 115kv CKT 2	12/1/2011	6/1/2015		Yes
	HARPER - MILAN TAP 138KV CKT 1 #1	12/1/2011	6/1/2015		Yes
	HARPER - MILAN TAP 138KV CKT 1 #2	12/1/2011	6/1/2015		Yes
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #1	6/1/2012	6/1/2012		
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	6/1/2012	6/1/2014		No
	HAYS PLANT - VINE STREET 115KV CKT 1	6/1/2012	6/1/2013		No
	Judson Large - North Judson Large 115KV CKT 2	12/1/2011	6/1/2015		Yes
	MEDICINE LODGE (MED-LDG4) 138/115/2.72KV TRANSFORMER CKT 1	10/1/2012	6/1/2013		Yes
	Mulgren - Circle 345kV Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kV Dbl CKT WERE	12/1/2011	6/1/2017		No
	North Judson Large - Spearville 115KV CKT 2	12/1/2011	6/1/2015		Yes
	Spearville - Mulgren 345kV Dbl CKT	12/1/2011	6/1/2017		No
	Spearville 345/115/13.8kV Transformer CKT 3	12/1/2011	6/1/2015		Yes

Credits may be required for the following Network Upgrades in accordance with Attachment 22 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723323	Circle - Reno 345kV Dbl CKT	6/1/2017	6/1/2017		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	Mulgren - Circle 345kV Dbl CKT MKEC	6/1/2017	6/1/2017		
	Mulgren - Circle 345kV Dbl CKT WERE	6/1/2017	6/1/2017		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville - Mulgren 345kV Dbl CKT	6/1/2017	6/1/2017		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723323	CIMARRON RIVER PLANT - GRAY CO SUB 1T 115KV CKT 1	12/1/2011	6/1/2015	6/1/2015	Yes
	Shell Creek 345/230kV	12/1/2011	6/1/2017	6/1/2017	Yes

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75723323	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			5.66%	100.00%
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			5.56%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			4.77%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			4.82%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 813,994	\$ 15,600,000
	Brookline - Compton Ridge 345kV	12/1/2011	6/1/2017		No	4.64%	100.00%
	CLINTON - MONROSE 161KV CKT 1 AECI	10/1/2012	6/1/2013		No	\$ -	\$ -
	Compton Ridge - Cox Creek 345 kV	12/1/2011	6/1/2017		No	4.85%	100.00%
	Compton Ridge - Osage Creek 345 kV	12/1/2011	6/1/2017		No	4.27%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017		No	4.25%	100.00%
	Compton Ridge 345/161 kV Transformer	12/1/2011	6/1/2017		No	0.03%	100.00%
	Dolet Hills - Messick 345 kV CELE	12/1/2011	6/1/2017		No	\$ 2,720,795	\$ 53,250,000
	HARTBURG - MESSICK 500.00 500KV CKT 1	10/1/2017	10/1/2017			4.37%	100.00%
	LIBERTY TAP - SALLISAW 161KV CKT 1 AECI	6/1/2013	6/1/2015		Yes	\$ 362,256	\$ 6,500,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015		Yes	\$ 352,423	\$ 6,500,000
	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECI	6/1/2013	6/1/2013			5.57%	100.00%
	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	\$ 334,390	\$ 6,000,000
	McNeil 500/345kV	12/1/2011	6/1/2017		No	\$ 650,235	\$ 12,000,000
	Messick 500/230kV	12/1/2011	6/1/2017		No	\$ 100,465	\$ 6,000,000
	Messick 500/345kV	12/1/2011	6/1/2017		No	\$ 306,568	\$ 6,000,000
	PLEASANT PRAIRIE2 - ZION ; R 345.00 345KV CKT 1	10/1/2013	10/1/2013			6.48%	100.00%
					Total	\$ 5,641,126	\$ 111,850,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
CRGL AG2-2011-045

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
CRGL	75723335	SECI	EES	100	12/1/2012	12/1/2032	6/1/2017	6/1/2037	\$ -	\$ 28,320,000	\$ 36,098,870	\$ 123,071,155
									\$ -	\$ 28,320,000	\$ 36,098,870	\$ 123,071,155

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
75723335	Chamber Springs - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 784,138	\$ 40,500,000	\$ 2,736,130	
	Chamber Springs - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 784,138	\$ 40,500,000	\$ 3,361,979	
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 15,197	\$ 500,000	\$ 83,899	
	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 23,621	\$ 915,000	\$ 82,422	
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 15,901	\$ 700,000	\$ 95,209	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015		Yes	\$ 52,779	\$ 2,195,343	\$ 263,934	
	Gentleman - Hooker Co - Wheeler Co 345KV	12/1/2011	6/1/2017		No	\$ 17,773,337	\$ 265,950,000	\$ 56,732,227	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 80,413	\$ 3,300,000	\$ 298,753	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015		Yes	\$ 1,222,496	\$ 45,543,680	\$ 4,915,446	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015		Yes	\$ 61,638	\$ 2,296,320	\$ 311,105	
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015		Yes	\$ 38,921	\$ 1,450,000	\$ 196,445	
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2017	6/1/2017			\$ 1,407,621	\$ 47,871,000	\$ 5,019,336	
	Iatan - Jeffrey Energy Center 345 kV KACP	6/1/2012	6/1/2016		No	\$ 433,616	\$ 15,975,000	\$ 2,065,655	
	Iatan - Jeffrey Energy Center 345 kV WERE	6/1/2012	6/1/2016		No	\$ 1,734,464	\$ 63,900,000	\$ 6,691,464	
	NW Texarkana - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 1,644,910	\$ 140,400,000	\$ 5,739,662	
	NW Texarkana - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 411,228	\$ 35,100,000	\$ 1,763,133	
	RULETON 115KV Capacitor	6/1/2013	6/1/2015		No	\$ 166,667	\$ 500,000	\$ 656,774	
	Turk - McNeil 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 1,971,024	\$ 72,750,000	\$ 6,877,586	
	Wheeler - Shell Creek 345kV	12/1/2011	6/1/2017		No	\$ 4,436,425	\$ 81,750,000	\$ 14,161,003	
	Wichita - Viola - Rose Hill 345 kV	12/1/2011	6/1/2017		No	\$ 3,040,336	\$ 108,000,000	\$ 11,018,993	
						Total	\$ 36,098,870	\$ 970,096,343	\$ 123,071,155

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723335	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		Yes
	Line - Comanche County - Medicine Lodge 345 kV dbi ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kV dbi ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kV dbi ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kV dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kV dbi ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbi Ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbi Ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbi ckt SUNC	10/1/2012	1/1/2015		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	TUCO - WOODWARD 345 KV CKT 1 OKGE	10/1/2012	6/1/2014		No
	TUCO - WOODWARD 345 KV CKT 1 SPS	6/1/2014	6/1/2014		No
	XFR - Medicine Lodge 345/138 kV	10/1/2012	1/1/2015		No

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723335	Circle - Reno 345kV Dbl CKT	12/1/2011	6/1/2017		No
	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC	12/1/2011	6/1/2015		Yes
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE	12/1/2011	6/1/2015		Yes
	FLATRDG3 138.00 - HARPER 138KV CKT 1	12/1/2011	6/1/2013		Yes
	GRAY CO SUB 1-Judson LRG 115kv CKT 2	12/1/2011	6/1/2015		Yes
	HARPER - MILAN TAP 138KV CKT 1 #1	12/1/2011	6/1/2015		Yes
	HARPER - MILAN TAP 138KV CKT 1 #2	12/1/2011	6/1/2015		Yes
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #1	6/1/2012	6/1/2012		
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	6/1/2012	6/1/2014		No
	HAYS PLANT - VINE STREET 115KV CKT 1	6/1/2012	6/1/2013		No
	Judson Large - North Judson Large 115KV CKT 2	12/1/2011	6/1/2015		Yes
	MEDICINE LODGE (MED-LDG4) 138/115/2.72KV TRANSFORMER CKT 1	10/1/2012	6/1/2013		Yes
	Mulgren - Circle 345kV Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kV Dbl CKT WERE	12/1/2011	6/1/2017		No
	North Judson Large - Spearville 115KV CKT 2	12/1/2011	6/1/2015		Yes
	Spearville - Mulgren 345kV Dbl CKT	12/1/2011	6/1/2017		No
	Spearville 345/115/13.8kV Transformer CKT 3	12/1/2011	6/1/2015		Yes

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723335	Circle - Reno 345kV Dbl CKT	6/1/2017	6/1/2017		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	Mulgren - Circle 345kV Dbl CKT MKEC	6/1/2017	6/1/2017		
	Mulgren - Circle 345kV Dbl CKT WERE	6/1/2017	6/1/2017		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville - Mulgren 345kV Dbl CKT	6/1/2017	6/1/2017		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723335	CIMARRON RIVER PLANT - GRAY CO SUB 1T 115KV CKT 1	12/1/2011	6/1/2015	6/1/2015	Yes
	Shell Creek 345/230kV	12/1/2011	6/1/2017	6/1/2017	Yes

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75723335	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			2.83%	100.00%
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			2.78%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			2.39%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			2.41%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 406,970	\$ 15,600,000
	Brookline - Compton Ridge 345kV	12/1/2011	6/1/2017		No	2.32%	100.00%
	CLINTON - MONROSE 161KV CKT 1 AECI	10/1/2012	6/1/2013		No	\$ -	\$ -
	Compton Ridge - Cox Creek 345 kV	12/1/2011	6/1/2017		No	2.42%	100.00%
	Compton Ridge - Osage Creek 345 kV	12/1/2011	6/1/2017		No	2.14%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017		No	2.12%	100.00%
	Compton Ridge 345/161 kV Transformer	12/1/2011	6/1/2017		No	0.01%	100.00%
	Dolet Hills - Messick 345 kV CELE	12/1/2011	6/1/2017		No	\$ 1,360,397	\$ 53,250,000
	HARTBURG - MESSICK 500.00 500KV CKT 1	10/1/2017	10/1/2017			2.18%	100.00%
	LIBERTY TAP - SALLISAW 161KV CKT 1 AECI	6/1/2013	6/1/2015		Yes	\$ 181,083	\$ 6,500,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015		Yes	\$ 176,168	\$ 6,500,000
	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECI	6/1/2013	6/1/2013			2.79%	100.00%
	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	\$ 167,153	\$ 6,000,000
	McNeil 500/345kV	12/1/2011	6/1/2017		No	\$ 325,117	\$ 12,000,000
	Messick 500/230kV	12/1/2011	6/1/2017		No	\$ 50,232	\$ 6,000,000
	Messick 500/345kV	12/1/2011	6/1/2017		No	\$ 153,284	\$ 6,000,000
	PLEASANT PRAIRIE2 - ZION ; R 345.00 345KV CKT 1	10/1/2013	10/1/2013			3.24%	100.00%
					Total	\$ 2,820,404	\$ 111,850,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
CRGL AG2-2011-046

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
CRGL	75723357	OKGE	EES	100	12/1/2012	12/1/2032	6/1/2017	6/1/2037	\$ -	\$ 28,320,000	\$ 15,124,469	\$ 55,155,986
									\$ -	\$ 28,320,000	\$ 15,124,469	\$ 55,155,986

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
75723357	5 TRIBES - HANCOCK 161KV CKT 1 #2	6/1/2013	6/1/2015		Yes	\$ 259,068	\$ 3,770,000	\$ 1,307,591	
	5 TRIBES - PECAN CREEK 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 224,518	\$ 2,850,000	\$ 1,212,036	
	Chamber Springs - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 384,433	\$ 40,500,000	\$ 1,341,420	
	Chamber Springs - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		No	\$ 384,433	\$ 40,500,000	\$ 1,648,250	
	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 27,675	\$ 915,000	\$ 96,568	
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 18,952	\$ 700,000	\$ 113,477	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015		Yes	\$ 63,624	\$ 2,195,343	\$ 318,168	
	Gentleman - Hooker Co - Wheeler Co 345KV	12/1/2011	6/1/2017		No	\$ 3,289,251	\$ 265,950,000	\$ 10,499,240	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 88,882	\$ 3,300,000	\$ 330,218	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015		Yes	\$ 1,055,731	\$ 45,543,680	\$ 4,244,913	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015		Yes	\$ 53,230	\$ 2,296,320	\$ 268,667	
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015		Yes	\$ 33,612	\$ 1,450,000	\$ 169,649	
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2017	6/1/2017			\$ 701,996	\$ 47,871,000	\$ 2,503,198	
	Iatan - Jeffrey Energy Center 345 kv KACP	6/1/2012	6/1/2016		No	\$ 290,683	\$ 15,975,000	\$ 1,384,753	
	Iatan - Jeffrey Energy Center 345 kv WERE	6/1/2012	6/1/2016		No	\$ 1,162,732	\$ 63,900,000	\$ 4,485,754	
	Multi - Bonanza - North Huntington 69KV Accelerate	6/1/2013	6/1/2015		No	\$ 1,041,101	\$ 7,641,105	\$ 4,147,489	
	NW Texarkana - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 1,138,175	\$ 140,400,000	\$ 3,971,487	
	NW Texarkana - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		No	\$ 284,544	\$ 35,100,000	\$ 1,219,978	
	Turk - McNeil 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 3,711,343	\$ 72,750,000	\$ 12,950,163	
	Wheeler - Shell Creek 345KV	12/1/2011	6/1/2017		No	\$ 825,564	\$ 81,750,000	\$ 2,635,188	
	Wichita - Viola - Rose Hill 345 kv	12/1/2011	6/1/2017		No	\$ 84,922	\$ 108,000,000	\$ 307,780	
						Total	\$ 15,124,469	\$ 983,357,448	\$ 55,155,986

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723357	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		Yes
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	10/1/2012	1/1/2015		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	XFR - Medicine Lodge 345/138 kv	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723357	5 TRIBES - HANCOCK 161KV CKT 1 #1	10/1/2012	6/1/2013		

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723357	HUGO POWER PLANT - VALLIANT 345 kv AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 kv WFEC	7/1/2012	7/1/2012		
	MCNAB REC - TURK 115KV CKT 1	7/1/2012	7/1/2012		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723357	Shell Creek 345/230KV	12/1/2011	6/1/2017	6/1/2017	Yes

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75723357	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			1.50%	100.00%
	TOVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			1.41%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			2.65%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			2.82%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 393,791	\$ 15,600,000
	Brookline - Compton Ridge 345 kV	12/1/2011	6/1/2017		No	1.16%	100.00%
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	10/1/2012	6/1/2013		Yes	\$ -	\$ -
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #2	10/1/2012	6/1/2015		Yes	\$ 362,069	\$ 4,000,000
	Compton Ridge - Cox Creek 345 kV	12/1/2011	6/1/2017		No	2.62%	100.00%
	Compton Ridge - Osage Creek 345 kV	12/1/2011	6/1/2017		No	4.08%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017		No	1.31%	100.00%
	Compton Ridge 345/161 kV Transformer	12/1/2011	6/1/2017		No	0.73%	100.00%
	Dolet Hills - Messick 345 kV CLEF	12/1/2011	6/1/2017		No	\$ 2,298,191	\$ 53,250,000
	GORE - SALLISAW 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 1,610,404	\$ 9,000,000
	HARTBURG - MESSICK 500.00 500KV CKT 1	10/1/2017	10/1/2017			2.71%	100.00%
	LIBERTY TAP - SALLISAW 161KV CKT 1 AECI	6/1/2013	6/1/2015		Yes	\$ 201,425	\$ 6,500,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015		Yes	\$ 195,958	\$ 6,500,000
	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECI	6/1/2013	6/1/2013			3.10%	100.00%
	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	\$ 185,931	\$ 6,000,000
	McNeil 500/345kV	12/1/2011	6/1/2017		No	\$ 612,180	\$ 12,000,000
	Messick 500/230kV	12/1/2011	6/1/2017		No	\$ 12,405	\$ 6,000,000
	Messick 500/345kV	12/1/2011	6/1/2017		No	\$ 258,951	\$ 6,000,000
					Total	\$ 6,131,305	\$ 124,850,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
CRGL AG2-2011-047

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
CRGL	75723358	OKGE	EES	100	12/1/2012	12/1/2032	6/1/2017	6/1/2037	\$ -	\$ 28,320,000	\$ 15,124,469	\$ 55,155,986
									\$ -	\$ 28,320,000	\$ 15,124,469	\$ 55,155,986

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
75723358	5 TRIBES - HANCOCK 161KV CKT 1 #2	6/1/2013	6/1/2015		Yes	\$ 259,068	\$ 3,770,000	\$ 1,307,591	
	5 TRIBES - PECAN CREEK 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 224,518	\$ 2,850,000	\$ 1,212,036	
	Chamber Springs - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 384,433	\$ 40,500,000	\$ 1,341,420	
	Chamber Springs - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		No	\$ 384,433	\$ 40,500,000	\$ 1,648,250	
	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 27,675	\$ 915,000	\$ 96,568	
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 18,952	\$ 700,000	\$ 113,477	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015		Yes	\$ 63,624	\$ 2,195,343	\$ 318,168	
	Gentleman - Hooker Co - Wheeler Co 345KV	12/1/2011	6/1/2017		No	\$ 3,289,251	\$ 265,950,000	\$ 10,499,240	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 88,882	\$ 3,300,000	\$ 330,218	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015		Yes	\$ 1,055,731	\$ 45,543,680	\$ 4,244,913	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015		Yes	\$ 53,230	\$ 2,296,320	\$ 268,667	
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015		Yes	\$ 33,612	\$ 1,450,000	\$ 169,649	
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2017	6/1/2017			\$ 701,996	\$ 47,871,000	\$ 2,503,198	
	Iatan - Jeffrey Energy Center 345 kv KACP	6/1/2012	6/1/2016		No	\$ 290,683	\$ 15,975,000	\$ 1,384,753	
	Iatan - Jeffrey Energy Center 345 kv WERE	6/1/2012	6/1/2016		No	\$ 1,162,732	\$ 63,900,000	\$ 4,485,754	
	Multi - Bonanza - North Huntington 69KV Accelerate	6/1/2013	6/1/2015		No	\$ 1,041,101	\$ 7,641,105	\$ 4,147,489	
	NW Texarkana - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 1,138,175	\$ 140,400,000	\$ 3,971,487	
	NW Texarkana - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		No	\$ 284,544	\$ 35,100,000	\$ 1,219,978	
	Turk - McNeil 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 3,711,343	\$ 72,750,000	\$ 12,950,163	
	Wheeler - Shell Creek 345KV	12/1/2011	6/1/2017		No	\$ 825,564	\$ 81,750,000	\$ 2,635,188	
	Wichita - Viola - Rose Hill 345 kv	12/1/2011	6/1/2017		No	\$ 84,922	\$ 108,000,000	\$ 307,780	
						Total	\$ 15,124,469	\$ 983,357,448	\$ 55,155,986

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723358	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		Yes
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	10/1/2012	1/1/2015		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	XFR - Medicine Lodge 345/138 kv	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723358	5 TRIBES - HANCOCK 161KV CKT 1 #1	10/1/2012	6/1/2013		

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723358	HUGO POWER PLANT - VALLIANT 345 kv AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 kv WFEC	7/1/2012	7/1/2012		
	MCNAB REC - TURK 115KV CKT 1	7/1/2012	7/1/2012		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723358	Shell Creek 345/230KV	12/1/2011	6/1/2017	6/1/2017	Yes

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75723358	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			1.50%	100.00%
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			1.41%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			2.65%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			2.82%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 393,791	\$ 15,600,000
	Brookline - Compton Ridge345 kV	12/1/2011	6/1/2017		No	1.16%	100.00%
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	10/1/2012	6/1/2013		Yes	\$ -	\$ -
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #2	10/1/2012	6/1/2015		Yes	\$ 362,069	\$ 4,000,000
	Compton Ridge - Cox Creek 345 kV	12/1/2011	6/1/2017		No	2.62%	100.00%
	Compton Ridge - Osage Creek 345 kV	12/1/2011	6/1/2017		No	4.08%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017		No	1.31%	100.00%
	Compton Ridge 345/161 kV Transformer	12/1/2011	6/1/2017		No	0.73%	100.00%
	Dolet Hills - Messick 345 kV CLEF	12/1/2011	6/1/2017		No	\$ 2,298,191	\$ 53,250,000
	GORE - SALLISAW 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 1,610,404	\$ 9,000,000
	HARTBURG - MESSICK 500.00 500KV CKT 1	10/1/2017	10/1/2017			2.71%	100.00%
	LIBERTY TAP - SALLISAW 161KV CKT 1 AECI	6/1/2013	6/1/2015		Yes	\$ 201,425	\$ 6,500,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015		Yes	\$ 195,958	\$ 6,500,000
	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECI	6/1/2013	6/1/2013			3.10%	100.00%
	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	\$ 185,931	\$ 6,000,000
	McNeil 500/345kV	12/1/2011	6/1/2017		No	\$ 612,180	\$ 12,000,000
	Messick 500/230kV	12/1/2011	6/1/2017		No	\$ 12,405	\$ 6,000,000
	Messick 500/345kV	12/1/2011	6/1/2017		No	\$ 258,951	\$ 6,000,000
					Total	\$ 6,131,305	\$ 124,850,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
CRGL AG2-2011-048

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
CRGL	75723361	SECI	EES	200	12/1/2012	12/1/2032	6/1/2017	6/1/2037	\$ -	\$ 56,640,000	\$ 57,130,842	\$ 203,203,948
									\$ -	\$ 56,640,000	\$ 57,130,842	\$ 203,203,948

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
75723361	Chamber Springs - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 1,634,916	\$ 40,500,000	\$ 5,704,789	
	Chamber Springs - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 1,634,916	\$ 40,500,000	\$ 7,009,675	
	CIMARRON RIVER PLANT - GRAY CO SUB 1T 115KV CKT 1	12/1/2011	6/1/2015		Yes	\$ 1,946,782	\$ 26,437,500	\$ 8,399,830	
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 28,613	\$ 500,000	\$ 157,965	
	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 50,282	\$ 915,000	\$ 175,451	
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 32,822	\$ 700,000	\$ 196,524	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015		Yes	\$ 109,003	\$ 2,195,343	\$ 545,096	
	Gentleman - Hooker Co - Wheeler Co 345KV	12/1/2011	6/1/2017		No	\$ 17,380,904	\$ 265,950,000	\$ 55,479,587	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 171,164	\$ 3,300,000	\$ 635,915	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015		Yes	\$ 2,541,150	\$ 45,543,680	\$ 10,217,527	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015		Yes	\$ 128,125	\$ 2,296,320	\$ 646,684	
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015		Yes	\$ 80,904	\$ 1,450,000	\$ 408,346	
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2017	6/1/2017			\$ 3,842,506	\$ 47,871,000	\$ 13,701,720	
	Iatan - Jeffrey Energy Center 345 kV KACP	6/1/2012	6/1/2016		No	\$ 1,167,968	\$ 15,975,000	\$ 5,563,954	
	Iatan - Jeffrey Energy Center 345 kV WERE	6/1/2012	6/1/2016		No	\$ 4,671,871	\$ 63,900,000	\$ 18,023,814	
	MOUNDRIDGE (MOUND10X) 138/115/13.8KV TRANSFORMER CKT 1	10/1/2013	6/1/2015			\$ 623,924	\$ 4,400,000	\$ 2,527,286	
	NW Texarkana - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 3,461,372	\$ 140,400,000	\$ 12,077,928	
	NW Texarkana - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 865,343	\$ 35,100,000	\$ 3,710,144	
	Turk - McNeil 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 4,021,680	\$ 72,750,000	\$ 14,033,037	
	Wheeler - Shell Creek 345KV	12/1/2011	6/1/2017		No	\$ 5,024,868	\$ 81,750,000	\$ 16,039,304	
	Wichita - Viola - Rose Hill 345 kV	12/1/2011	6/1/2017		No	\$ 7,711,729	\$ 108,000,000	\$ 27,949,374	
						Total	\$ 57,130,842	\$ 1,000,433,843	\$ 203,203,948

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723361	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		Yes
	Line - Comanche County - Medicine Lodge 345 kV dbl ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kV dbl ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kV dbl ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kV dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kV dbl ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbl Ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbl Ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbl ckt SUNC	10/1/2012	1/1/2015		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	TUCO - WOODWARD 345 kV CKT 1 OKGE	10/1/2012	6/1/2014		No
	TUCO - WOODWARD 345 kV CKT 1 SPS	6/1/2014	6/1/2014		No
	XFR - Medicine Lodge 345/138 kV	10/1/2012	1/1/2015		No



**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723361	Circle - Reno 345kV Dbl CKT	12/1/2011	6/1/2017		No
	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC	12/1/2011	6/1/2015		Yes
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE	12/1/2011	6/1/2015		Yes
	CLIFTON - GREENLEAF 115KV CKT 1	10/1/2012	6/1/2013		Yes
	FLATRDG3 138.00 - HARPER 138KV CKT 1	12/1/2011	6/1/2013		Yes
	GRAY CO SUB 1-Judson LRG 115kv CKT 2	12/1/2011	6/1/2015		Yes
	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	10/1/2012	6/1/2013		Yes
	HARPER - MILAN TAP 138KV CKT 1 #1	12/1/2011	6/1/2015		Yes
	HARPER - MILAN TAP 138KV CKT 1 #2	12/1/2011	6/1/2015		Yes
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #1	6/1/2012	6/1/2012		
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	6/1/2012	6/1/2014		No
	HAYS PLANT - VINE STREET 115KV CKT 1	6/1/2012	6/1/2013		No
	Judson Large - North Judson Large 115KV CKT 2	12/1/2011	6/1/2015		Yes
	MEDICINE LODGE (MED-LDG4) 138/115/2.72KV TRANSFORMER CKT 1	10/1/2012	6/1/2013		Yes
	Mulgren - Circle 345kV Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kV Dbl CKT WERE	12/1/2011	6/1/2017		No
	North Judson Large - Spearville 115KV CKT 2	12/1/2011	6/1/2015		Yes
	Spearville - Mulgren 345kV Dbl CKT	12/1/2011	6/1/2017		No
	Spearville 345/115/13.8kV Transformer CKT 3	12/1/2011	6/1/2015		Yes

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723361	Circle - Reno 345kV Dbl CKT	6/1/2017	6/1/2017		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	Mulgren - Circle 345kV Dbl CKT MKEC	6/1/2017	6/1/2017		
	Mulgren - Circle 345kV Dbl CKT WERE	6/1/2017	6/1/2017		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville - Mulgren 345kV Dbl CKT	6/1/2017	6/1/2017		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723361	Shell Creek 345/230kV	12/1/2011	6/1/2017	6/1/2017	Yes

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75723361	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			5.75%	100.00%
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			5.73%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			4.93%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			4.98%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 882,930	\$ 15,600,000
	Brookline - Compton Ridge345 kv	12/1/2011	6/1/2017		No	4.83%	100.00%
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 793,145	\$ 7,650,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 565,051	\$ 5,450,000
	CLINTON - MONTROSE 161KV CKT 1 AECI	10/1/2012	6/1/2013		No	\$ -	\$ -
	Compton Ridge - Cox Creek 345 kv	12/1/2011	6/1/2017		No	5.11%	100.00%
	Compton Ridge - Osage Creek 345 kv	12/1/2011	6/1/2017		No	4.56%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017		No	4.41%	100.00%
	Dolet Hills - Messick 345 kv CELE	12/1/2011	6/1/2017		No	\$ 2,769,327	\$ 53,250,000
	HARTBURG - MESSICK 500.00 500KV CKT 1	10/1/2017	10/1/2017			4.43%	100.00%
	LIBERTY TAP - SALLISAW 161KV CKT 1 AECI	6/1/2013	6/1/2015		Yes	\$ 374,425	\$ 6,500,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015		Yes	\$ 364,262	\$ 6,500,000
	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECI	6/1/2013	6/1/2013			5.76%	100.00%
	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	\$ 345,623	\$ 6,000,000
	McNeil 500/345kV	12/1/2011	6/1/2017		No	\$ 663,370	\$ 12,000,000
	Messick 500/230kV	12/1/2011	6/1/2017		No	\$ 101,383	\$ 6,000,000
	Messick 500/345kV	12/1/2011	6/1/2017		No	\$ 312,037	\$ 6,000,000
	PLEASANT PRAIRIE2 - ZION ; R 345.00 345KV CKT 1	10/1/2013	10/1/2013			5.92%	100.00%
					Total	\$ 7,171,553	\$ 124,950,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
CRGL AG2-2011-049

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
CRGL	75723624	KCPL	EES	103	5/1/2012	5/1/2017	6/1/2017	6/1/2022	\$ -	\$ 7,292,400	\$ 9,365,288	\$ 22,489,205
									\$ -	\$ 7,292,400	\$ 9,365,288	\$ 22,489,205

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75723624	BIRMINGHAM - LIBERTY CITY 161KV CKT 1	6/1/2013	6/1/2014		Yes	\$ 1,452,794	\$ 4,500,000	\$ 4,817,050
	Chamber Springs - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 898,121	\$ 40,500,000	\$ 1,873,815
	Chamber Springs - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		No	\$ 898,121	\$ 40,500,000	\$ 2,200,860
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 13,572	\$ 700,000	\$ 46,660
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015		Yes	\$ 47,179	\$ 2,195,343	\$ 135,465
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015		Yes	\$ 1,213,082	\$ 45,543,680	\$ 2,926,556
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015		Yes	\$ 61,164	\$ 2,296,320	\$ 177,255
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015		Yes	\$ 38,622	\$ 1,450,000	\$ 111,928
	NW Texarkana - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 1,990,652	\$ 140,400,000	\$ 4,153,241
	NW Texarkana - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		No	\$ 497,663	\$ 35,100,000	\$ 1,219,531
	Turk - McNeil 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 1,616,353	\$ 72,750,000	\$ 3,372,314
	Wichita - Viola - Rose Hill 345 kv	12/1/2011	6/1/2017		No	\$ 637,965	\$ 108,000,000	\$ 1,454,531
Total						\$ 9,365,288	\$ 493,935,343	\$ 22,489,205

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723624	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		Yes
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	10/1/2012	1/1/2015		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	XFR - Medicine Lodge 345/138 kv	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723624	BIRMINGHAM - HAWTHORN 161KV CKT 1	6/1/2013	6/1/2014		Yes
	Circle - Reno 345kv Dbl CKT	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kv Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kv Dbl CKT WERE	12/1/2011	6/1/2017		No
	Spearville - Mulgren 345kv Dbl CKT	12/1/2011	6/1/2017		No

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723624	HUGO POWER PLANT - VALLIANT 345 kv AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 kv WFEC	7/1/2012	7/1/2012		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75723624	5BLEDSOE - TRUMAN 161KV CKT 1 SWPA	6/1/2013	6/1/2013			\$ 33,166	\$ 70,000
	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			5.02%	100.00%
	SOVERTON 161.00 - HUNTSDALE 161KV CKT 1 AECI	6/1/2013	6/1/2013			50.02%	100.00%
	SOVERTON 161.00 - HUNTSDALE 161KV CKT 1 AMRN	6/1/2013	6/1/2013			50.02%	100.00%
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			5.44%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			2.22%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			2.17%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 369,373	\$ 15,600,000
	Brookline - Compton Ridge345 kv	12/1/2011	6/1/2017		No	3.20%	100.00%
	CLINTON - MONTROSE 161KV CKT 1 AECI	10/1/2012	6/1/2013		No	\$ -	\$ -
	Compton Ridge - Cox Creek 345 kv	12/1/2011	6/1/2017		No	2.43%	100.00%
	Compton Ridge - Osage Creek 345 kv	12/1/2011	6/1/2017		No	0.71%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017		No	2.66%	100.00%
	Dolet Hills - Messick 345 kv CELE	12/1/2011	6/1/2017		No	\$ 1,182,321	\$ 53,250,000
	HARTBURG - MESSICK 500.00 500KV CKT 1	10/1/2017	10/1/2017			2.12%	100.00%
	LIBERTY TAP - SALLISAW 161KV CKT 1 AECI	6/1/2013	6/1/2015		Yes	\$ 160,740	\$ 6,500,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015		Yes	\$ 156,377	\$ 6,500,000
	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECI	6/1/2013	6/1/2013			2.47%	100.00%
	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	\$ 148,376	\$ 6,000,000
	McNeil 500/345kv	12/1/2011	6/1/2017		No	\$ 266,615	\$ 12,000,000
	Messick 500/230kv	12/1/2011	6/1/2017		No	\$ 60,187	\$ 6,000,000
	Messick 500/345kv	12/1/2011	6/1/2017		No	\$ 133,219	\$ 6,000,000
	NORTH WARSAW 161KV - TRUMAN 161KV CKT 1 SWPA	6/1/2013	6/1/2013			\$ 42,503	\$ 70,000
	PLEASANT PRAIRIE2 - ZION ; R 345.00 345KV CKT 1	10/1/2013	10/1/2013			2.86%	100.00%
					Total	\$ 2,552,877	\$ 111,990,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
CRGL AG2-2011-050

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
CRGL	75723626	WR	EES	103	5/1/2012	5/1/2017	6/1/2017	6/1/2022	\$ -	\$ 7,292,400	\$ 29,151,487	\$ 64,645,622
									\$ -	\$ 7,292,400	\$ 29,151,487	\$ 64,645,622

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
75723626	Chamber Springs - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 896,177	\$ 40,500,000	\$ 1,869,759	
	Chamber Springs - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 896,177	\$ 40,500,000	\$ 2,196,096	
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 7,210	\$ 500,000	\$ 22,855	
	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 25,720	\$ 915,000	\$ 53,661	
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 16,595	\$ 700,000	\$ 57,052	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015		Yes	\$ 55,646	\$ 2,195,343	\$ 159,777	
	Gentleman - Hooker Co - Wheeler Co 345KV	12/1/2011	6/1/2017		No	\$ 4,927,885	\$ 265,950,000	\$ 10,351,650	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 88,074	\$ 3,300,000	\$ 176,629	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015		Yes	\$ 1,351,604	\$ 45,543,680	\$ 3,260,740	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015		Yes	\$ 68,148	\$ 2,296,320	\$ 197,495	
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015		Yes	\$ 43,032	\$ 1,450,000	\$ 124,708	
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2017	6/1/2017			\$ 2,220,129	\$ 47,871,000	\$ 4,980,174	
	Iatan - Jeffrey Energy Center 345 kV KACP	6/1/2012	6/1/2016		No	\$ 952,154	\$ 15,975,000	\$ 2,637,425	
	Iatan - Jeffrey Energy Center 345 kV WERE	6/1/2012	6/1/2016		No	\$ 3,808,618	\$ 63,900,000	\$ 9,253,143	
	MUND - PENTAGON 115KV CKT 1	6/1/2013	6/1/2015			\$ 283,272	\$ 2,738,300	\$ 750,155	
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 EMDE	6/1/2013	6/1/2015		Yes	\$ 2,499,726	\$ 10,562,500	\$ 5,081,458	
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	6/1/2013	6/1/2015		Yes	\$ 682,765	\$ 2,885,000	\$ 1,396,094	
	NW Texarkana - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 1,949,084	\$ 140,400,000	\$ 4,066,515	
	NW Texarkana - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 487,271	\$ 35,100,000	\$ 1,194,065	
	REDEL - STILLWELL 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 219,307	\$ 4,026,000	\$ 662,126	
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	6/1/2013	6/1/2017		Yes	\$ 1,202,346	\$ 4,725,000	\$ 2,024,873	
	Turk - McNeil 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 2,008,863	\$ 72,750,000	\$ 4,191,236	
	Wheeler - Shell Creek 345kV	12/1/2011	6/1/2017		No	\$ 1,307,651	\$ 81,750,000	\$ 2,746,887	
	Wichita - Viola - Rose Hill 345 kV	12/1/2011	6/1/2017		No	\$ 3,154,033	\$ 108,000,000	\$ 7,191,050	
						Total	\$ 29,151,487	\$ 994,533,143	\$ 64,645,622

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723626	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		Yes
	Line - Comanche County - Medicine Lodge 345 kV dbl ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kV dbl ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kV dbl ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kV dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kV dbl ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbl Ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbl Ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbl ckt SUNC	10/1/2012	1/1/2015		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	XFR - Medicine Lodge 345/138 kV	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723626	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	6/1/2015	6/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723626	Circle - Reno 345KV Dbl CKT	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kV Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kV Dbl CKT WERE	12/1/2011	6/1/2017		No
	Spearville - Mulgren 345kV Dbl CKT	12/1/2011	6/1/2017		No

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723626	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	Mulgren - Circle 345kv Dbl CKT MKEC	6/1/2017	6/1/2017		
	Mulgren - Circle 345kv Dbl CKT WERE	6/1/2017	6/1/2017		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville - Mulgren 345kv Dbl CKT	6/1/2017	6/1/2017		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723626	Shell Creek 345/230KV	12/1/2011	6/1/2017	6/1/2017	Yes

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75723626	5BLEDSOE - TRUMAN 161KV CKT 1 SWPA	6/1/2013	6/1/2013			\$ 14,636	\$ 70,000
	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			3.57%	100.00%
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			3.75%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			2.54%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			2.55%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015	No		\$ 495,229	\$ 15,600,000
	Brookline - Compton Ridge345 kv	12/1/2011	6/1/2017	No		2.74%	100.00%
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2015	Yes		\$ 424,621	\$ 7,650,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1	6/1/2013	6/1/2015	Yes		\$ 302,507	\$ 5,450,000
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	10/1/2012	6/1/2013	Yes		\$ -	\$ -
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #2	10/1/2012	6/1/2015	Yes		\$ 352,011	\$ 4,000,000
	CLINTON - MONTROSE 161KV CKT 1 AECI	10/1/2012	6/1/2013	No		\$ -	\$ -
	Compton Ridge - Cox Creek 345 kv	12/1/2011	6/1/2017	No		2.73%	100.00%
	Compton Ridge - Osage Creek 345 kv	12/1/2011	6/1/2017	No		2.21%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017	No		2.44%	100.00%
	Dolet Hills - Messick 345 kv CELE	12/1/2011	6/1/2017	No		\$ 1,394,370	\$ 53,250,000
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2013	6/1/2015	Yes		\$ 283,070	\$ 8,000,000
	HARTBURG - MESSICK 500.00 500KV CKT 1	10/1/2017	10/1/2017			2.27%	100.00%
	LIBERTY TAP - SALLISAW 161KV CKT 1 AECI	6/1/2013	6/1/2015	Yes		\$ 191,436	\$ 6,500,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015	Yes		\$ 186,239	\$ 6,500,000
	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECI	6/1/2013	6/1/2013			2.95%	100.00%
	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	6/1/2013	6/1/2015	No		\$ 176,710	\$ 6,000,000
	McNeil 500/345kv	12/1/2011	6/1/2017	No		\$ 331,359	\$ 12,000,000
	Messick 500/230kv	12/1/2011	6/1/2017	No		\$ 54,520	\$ 6,000,000
	Messick 500/345kv	12/1/2011	6/1/2017	No		\$ 157,112	\$ 6,000,000
	PLEASANT PRAIRIE2 - ZION ; R 345.00 345KV CKT 1	10/1/2013	10/1/2013			2.81%	100.00%
				Total		\$ 4,363,820	\$ 137,020,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
EDE AG2-2011-064

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
EDE	75677330	KCPL	EDE	3	1/1/2012	1/1/2017	6/1/2017	6/1/2022	\$ -	\$ -	\$ 4,769,344	\$ 8,600,486
										\$ -	\$ 4,769,344	\$ 8,600,486

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
75677330	CARTHAGE - SUB 109 - ATLAS JCT. 161KV CKT 1 EMDE	6/1/2017	6/1/2017			\$ 1,692,063	\$ 8,200,000	\$ 2,849,606	
	Chamber Springs - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017			\$ 19,159	\$ 40,500,000	\$ 39,973	
	Chamber Springs - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017			\$ 19,159	\$ 40,500,000	\$ 46,949	
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 159	\$ 500,000	\$ 504	
	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 1,070	\$ 915,000	\$ 2,232	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 3,536	\$ 3,300,000	\$ 7,091	
	Multi - Monett South Accelerate	6/1/2013	6/1/2016			\$ 1,102,533	\$ 1,102,533	\$ 1,989,485	
	Multi - Stateline - Joplin - Reinmiller conversion Accelerate	6/1/2017	6/1/2017			\$ 130,285	\$ 1,090,427	\$ 213,885	
	MUND - PENTAGON 115KV CKT 1	6/1/2013	6/1/2015			\$ 3,756	\$ 2,738,300	\$ 9,947	
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 EMDE	6/1/2013	6/1/2015			\$ 797,366	\$ 10,562,500	\$ 1,620,890	
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	6/1/2013	6/1/2015			\$ 217,790	\$ 2,885,000	\$ 445,329	
	NW Texarkana - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017			\$ 32,331	\$ 140,400,000	\$ 67,455	
	NW Texarkana - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017			\$ 8,083	\$ 35,100,000	\$ 19,808	
	SUB 110 - ORONOGO JCT. - SUB 432 - JOPLIN OAKLAND NORTH 161KV CKT 1	6/1/2017	6/1/2017			\$ 237,939	\$ 1,200,000	\$ 400,713	
	SUB 349 - ASBURY - SUB 421 - PURCELL SOUTHWEST 161KV CKT 1	6/1/2017	6/1/2017			\$ 72,238	\$ 450,000	\$ 121,656	
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	6/1/2013	6/1/2017			\$ 368,712	\$ 4,725,000	\$ 620,948	
	Wichita - Viola - Rose Hill 345 kv	12/1/2011	6/1/2017		No	\$ 63,165	\$ 108,000,000	\$ 144,013	
						Total	\$ 4,769,344	\$ 402,168,760	\$ 8,600,486

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75677330	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	10/1/2012	1/1/2015		
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	10/1/2012	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	10/1/2012	7/1/2014		
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	10/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbl ckt OKGE	10/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	10/1/2012	1/1/2015		
	SUB 170 - NICHOLS ST. - SUB 345 - REPUBLIC NORTHEAST 69KV CKT 1	6/1/2017	6/1/2017		
	SUB 170 - NICHOLS ST. - SUB 80 - MARSHFIELD JCT. 69KV CKT 1	1/1/2012	6/1/2012		
	SUB 345 - REPUBLIC NORTHEAST - SUB451-REPUBLIC 69KV CKT 1	6/1/2017	6/1/2017		
	TUCO - WOODWARD 345 kv CKT 1 OKGE	10/1/2012	6/1/2014		No
	TUCO - WOODWARD 345 kv CKT 1 SPS	6/1/2014	6/1/2014		
	XFR - Medicine Lodge 345/138 kv	10/1/2012	1/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75677330	Multi - Centerton - Osage Creek 345 kv	10/1/2012	6/1/2016		
	Multi - Flint Creek - Centerton 345 kv and Centerton - East Centerton 161 kv	10/1/2012	6/1/2014		
	SUB 109 - ATLAS JCT. - SUB 360 - JOPLIN NORTHEAST 69KV CKT 1	6/1/2017	6/1/2017		
	SUB 284 - JOPLIN EAST 5TH ST. - SUB 64 - JOPLIN 10TH ST. 69KV CKT 1	6/1/2017	6/1/2017		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75677330	Circle - Reno 345kv Dbl CKT	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kv Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kv Dbl CKT WERE	12/1/2011	6/1/2017		No
	Spearville - Mulgren 345kv Dbl CKT	12/1/2011	6/1/2017		No

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75677330	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	SUB 110 - ORONGGO JCT. - SUB 167 - RIVERTON 161KV CKT 1	6/1/2011	6/1/2011		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	**Total E & C Cost
75677330	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			0.11%	100.00%
	7OVERTON 345.00 () 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			0.14%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 8,029	\$ 15,600,000
	Brookline - Compton Ridge 345 kv	12/1/2011	6/1/2017			0.10%	100.00%
	CARTHAGE - SUB 109 - ATLAS JCT. 161KV CKT 1 SWPA	6/1/2017	6/1/2017			\$ 103,175	\$ 500,000
	CARTHAGE - SUB 382 - LARUSSEL 161KV CKT 1 SWPA	6/1/2017	6/1/2017			\$ 200,000	\$ 200,000
	CLINTON - MONTROSE 161KV CKT 1 AECI	10/1/2012	6/1/2013		No	\$ -	\$ -
	Compton Ridge - Osage Creek 345 kv	12/1/2011	6/1/2017			0.04%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017			0.47%	100.00%
	Compton Ridge 345/161 kv Transformer	12/1/2011	6/1/2017			2.55%	100.00%
	LAMAR 161/69KV TRANSFORMER CKT 1	6/1/2012	6/1/2012			100.00%	100.00%
					Total	\$ 311,204	\$ 16,300,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
 INDP AG2-2011-004

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
INDP	75702691	KCPL	INDN	3	1/1/2012	1/1/2040	1/1/2015	1/1/2043	\$ -	\$ 854,784	\$ 211,384	\$ 1,207,365
									\$ -	\$ 854,784	\$ 211,384	\$ 1,207,365

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75702691	BIRMINGHAM - LIBERTY CITY 161KV CKT 1	6/1/2013	6/1/2014		Yes	\$ 180,612	\$ 4,500,000	\$ 1,060,499
	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	6/1/2017	6/1/2017			\$ 872	\$ 150,000	\$ 3,056
	KC SOUTH - LONGVIEW 161KV CKT 1	6/1/2017	6/1/2017			\$ 1,427	\$ 305,000	\$ 4,914
	MUND - PENTAGON 115KV CKT 1	6/1/2013	6/1/2015			\$ 13,770	\$ 2,738,300	\$ 60,278
	REDEL - STILWELL 161KV CKT 1	6/1/2013	6/1/2015			\$ 14,703	\$ 4,026,000	\$ 78,618
Total						\$ 211,384	\$ 11,719,300	\$ 1,207,365

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75702691	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	10/1/2012	1/1/2015		No
	XFR - Medicine Lodge 345/138 kv	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75702691	BIRMINGHAM - HAWTHORN 161KV CKT 1	6/1/2013	6/1/2014		Yes

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75702691	Compton Ridge - Cox Creek 345 kv	12/1/2011	6/1/2017			0.00%	100.00%
	Compton Ridge - Osage Creek 345 kv	12/1/2011	6/1/2017			0.01%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017			0.00%	100.00%
	Compton Ridge 345/161 kv Transformer	12/1/2011	6/1/2017			0.02%	100.00%
	ECKLES - SIBLEYPL 161.00 161KV CKT 1	6/1/2013	6/1/2013			1.56%	100.00%
	PLATTE CITY 161/69KV TRANSFORMER CKT 1	6/1/2013	6/1/2013			100.00%	100.00%
Total						\$ -	\$ -

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.



**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
INF AG2-2011-053

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
INF	75723823	NPPD	AMRN	74	12/1/2012	12/1/2017	6/1/2017	6/1/2022	\$ -	\$ 3,765,120	\$ 6,748,791	\$ 14,817,026
									\$ -	\$ 3,765,120	\$ 6,748,791	\$ 14,817,026

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75723823	Chamber Springs - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017			\$ 537,429	\$ 40,500,000	\$ 1,121,277
	Chamber Springs - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017			\$ 537,429	\$ 40,500,000	\$ 1,316,978
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 4,453	\$ 500,000	\$ 14,115
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 9,266	\$ 700,000	\$ 31,856
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015		Yes	\$ 32,118	\$ 2,195,343	\$ 92,221
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 42,244	\$ 3,300,000	\$ 84,719
	Iatan - Jeffrey Energy Center 345 kV KACP	6/1/2012	6/1/2016		No	\$ 124,085	\$ 15,975,000	\$ 343,710
	Iatan - Jeffrey Energy Center 345 kV WERE	6/1/2012	6/1/2016		No	\$ 496,339	\$ 63,900,000	\$ 1,205,869
	NW Texarkana - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017			\$ 983,779	\$ 140,400,000	\$ 2,052,529
	NW Texarkana - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017			\$ 245,945	\$ 35,100,000	\$ 602,692
	SHELDON - SW7TH & PLEASANT HILL 115KV CKT 2 LES	6/1/2013	6/1/2014		Yes	\$ 1,456,750	\$ 8,437,500	\$ 2,972,965
	SHELDON - SW7TH & PLEASANT HILL 115KV CKT 2 NPPD	6/1/2013	6/1/2014		Yes	\$ 52,443	\$ 303,750	\$ 116,472
	Turk - McNeil 345 kV AEPW	12/1/2011	6/1/2017			\$ 1,109,195	\$ 72,750,000	\$ 2,314,194
	Wichita - Viola - Rose Hill 345 kV	12/1/2011	6/1/2017		No	\$ 1,117,316	\$ 108,000,000	\$ 2,547,429
<b>Total</b>						<b>\$ 6,748,791</b>	<b>\$ 532,561,593</b>	<b>\$ 14,817,026</b>

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723823	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		Yes
	Line - Comanche County - Medicine Lodge 345 kV dbl ckt	10/1/2012	1/1/2015		
	Line - Hitchland - Woodward 345 kV dbl ckt OKGE	10/1/2012	7/1/2014		
	Line - Hitchland - Woodward 345 kV dbl ckt SPS	10/1/2012	7/1/2014		
	Line - Medicine Lodge - Wichita 345 kV dbl ckt MKEC	10/1/2012	1/1/2015		
	Line - Medicine Lodge - Wichita 345 kV dbl ckt WERE	10/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kV dbl ckt MKEC	10/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kV dbl ckt OKGE	10/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kV dbl ckt MKEC	10/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kV dbl ckt SUNC	10/1/2012	1/1/2015		
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		
	TUCO - WOODWARD 345 kV CKT 1 OKGE	10/1/2012	6/1/2014		No
	TUCO - WOODWARD 345 kV CKT 1 SPS	6/1/2014	6/1/2014		
	XFR - Medicine Lodge 345/138 kV	10/1/2012	1/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723823	Circle - Reno 345KV Dbl CKT	12/1/2011	6/1/2017		No
	Mulgren - Circle 345KV Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345KV Dbl CKT WERE	12/1/2011	6/1/2017		No
	Spearville - Mulgren 345KV Dbl CKT	12/1/2011	6/1/2017		No

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723823	CLIFTON - GREENLEAF 115KV CKT 1	6/1/2011	6/1/2013		
	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	6/1/2013	6/1/2013		
	HUGO POWER PLANT - VALLIANT 345 kV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 kV WFEC	7/1/2012	7/1/2012		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75723823	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			2.65%	100.00%
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			2.55%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			1.47%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			1.47%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 236,375	\$ 15,600,000
	Brookline - Compton Ridge 345 kV	12/1/2011	6/1/2017			1.94%	100.00%
	CLINTON - MONTROSE 161KV CKT 1 AECI	10/1/2012	6/1/2013		No	\$ -	\$ -
	Compton Ridge - Cox Creek 345 kV	12/1/2011	6/1/2017			1.62%	100.00%
	Compton Ridge - Osage Creek 345 kV	12/1/2011	6/1/2017			0.85%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017			1.59%	100.00%
	Dolet Hills - Messick 345 kV CELE	12/1/2011	6/1/2017			\$ 670,866	\$ 53,250,000
	HARTBURG - MESSICK 500.00 500KV CKT 1	10/1/2017	10/1/2017			0.78%	100.00%
	McNeil 500/345kV	12/1/2011	6/1/2017			\$ 182,960	\$ 12,000,000
	Messick 500/230kV	12/1/2011	6/1/2017			\$ 4,135	\$ 6,000,000
	Messick 500/345kV	12/1/2011	6/1/2017			\$ 75,590	\$ 6,000,000
	PLEASANT PRAIRIE2 - ZION ; R 345.00 345KV CKT 1	10/1/2013	10/1/2013			2.89%	100.00%
					Total	\$ 1,169,926	\$ 92,850,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
INF AG2-2011-054

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
INF	75722444	NPPD	AMRN	90	12/1/2012	12/1/2017	6/1/2017	6/1/2022	\$ -	\$ 4,579,200	\$ 12,873,543	\$ 27,639,764
									\$ -	\$ 4,579,200	\$ 12,873,543	\$ 27,639,764

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75722444	Chamber Springs - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017			\$ 632,669	\$ 40,500,000	\$ 1,319,983
	Chamber Springs - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017			\$ 632,669	\$ 40,500,000	\$ 1,550,365
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 6,369	\$ 500,000	\$ 20,189
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 11,142	\$ 700,000	\$ 38,305
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015		Yes	\$ 38,490	\$ 2,195,343	\$ 110,517
	Gentleman - Hooker Co - Wheeler Co 345KV	12/1/2011	6/1/2017		No	\$ 3,370,134	\$ 265,950,000	\$ 7,079,395
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 50,763	\$ 3,300,000	\$ 101,804
	NW Texarkana - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017			\$ 1,148,732	\$ 140,400,000	\$ 2,396,682
	NW Texarkana - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017			\$ 287,183	\$ 35,100,000	\$ 703,746
	Turk - McNeil 345 kv AEPW	12/1/2011	6/1/2017			\$ 1,340,466	\$ 72,750,000	\$ 2,796,711
	Wheeler - Shell Creek 345kv	12/1/2011	6/1/2017		No	\$ 3,830,547	\$ 81,750,000	\$ 8,046,552
	Wichita - Viola - Rose Hill 345 kv	12/1/2011	6/1/2017		No	\$ 1,524,379	\$ 108,000,000	\$ 3,475,514
	<b>Total</b>					\$ 12,873,543	\$ 791,645,343	\$ 27,639,764

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722444	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	10/1/2012	1/1/2015		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	TUCO - WOODWARD 345 kv CKT 1 OKGE	10/1/2012	6/1/2014		No
	TUCO - WOODWARD 345 kv CKT 1 SPS	6/1/2014	6/1/2014		
	XFR - Medicine Lodge 345/138 kv	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722444	Circle - Reno 345KV Dbl CKT	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kv Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kv Dbl CKT WERE	12/1/2011	6/1/2017		No
	Spearville - Mulgren 345KV Dbl CKT	12/1/2011	6/1/2017		No

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722444	Circle - Reno 345KV Dbl CKT	6/1/2017	6/1/2017		
	HUGO POWER PLANT - VALLIANT 345 kv AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 kv WFEC	7/1/2012	7/1/2012		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722444	Shell Creek 345/230kv	12/1/2011	6/1/2017	6/1/2017	Yes

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75722444	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			2.99%	100.00%
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			2.79%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			1.76%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			1.76%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 272,088	\$ 15,600,000
	Brookline - Compton Ridge 345 kV	12/1/2011	6/1/2017			2.26%	100.00%
	CLINTON - MONTROSE 161KV CKT 1 AECI	10/1/2012	6/1/2013		No	\$ -	\$ -
	Compton Ridge - Cox Creek 345 kV	12/1/2011	6/1/2017			1.91%	100.00%
	Compton Ridge - Osage Creek 345 kV	12/1/2011	6/1/2017			1.04%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017			1.87%	100.00%
	Dolet Hills - Messick 345 kV CELE	12/1/2011	6/1/2017			\$ 809,743	\$ 53,250,000
	HARTBURG - MESSICK 500.00 500KV CKT 1	10/1/2017	10/1/2017			0.93%	100.00%
	McNeil 500/345kV	12/1/2011	6/1/2017			\$ 221,108	\$ 12,000,000
	Messick 500/230kV	12/1/2011	6/1/2017			\$ 4,594	\$ 6,000,000
	Messick 500/345kV	12/1/2011	6/1/2017			\$ 91,239	\$ 6,000,000
	PLEASANT PRAIRIE2 - ZION ; R 345.00 345KV CKT 1	10/1/2013	10/1/2013			3.83%	100.00%
					Total	\$ 1,398,772	\$ 92,850,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
INF AG2-2011-055

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
INF	75722463	NPPD	AMRN	90	12/1/2012	12/1/2017	6/1/2017	6/1/2022	\$ -	\$ 4,579,200	\$ 13,319,599	\$ 28,609,928
									\$ -	\$ 4,579,200	\$ 13,319,599	\$ 28,609,928

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75722463	Chamber Springs - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 656,965	\$ 40,500,000	\$ 1,370,674
	Chamber Springs - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 656,965	\$ 40,500,000	\$ 1,609,903
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 6,431	\$ 500,000	\$ 20,385
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 11,107	\$ 700,000	\$ 38,185
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015		Yes	\$ 37,740	\$ 2,195,343	\$ 108,363
	Gentleman - Hooker Co - Wheeler Co 345kV	12/1/2011	6/1/2017		No	\$ 3,403,086	\$ 265,950,000	\$ 7,148,615
	NW Texarkana - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 1,470,060	\$ 140,400,000	\$ 3,067,092
	NW Texarkana - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 367,515	\$ 35,100,000	\$ 900,601
	Turk - McNeil 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 1,368,139	\$ 72,750,000	\$ 2,854,447
	Wheeler - Shell Creek 345kV	12/1/2011	6/1/2017		No	\$ 3,830,547	\$ 81,750,000	\$ 8,046,552
	Wichita - Viola - Rose Hill 345 kV	12/1/2011	6/1/2017		No	\$ 1,511,044	\$ 108,000,000	\$ 3,445,111
Total						\$ 13,319,599	\$ 788,345,343	\$ 28,609,928

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722463	Line - Comanche County - Medicine Lodge 345 kV dbl ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kV dbl ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kV dbl ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kV dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kV dbl ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbl Ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbl Ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbl ckt SUNC	10/1/2012	1/1/2015		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	TUCO - WOODWARD 345 KV CKT 1 OKGE	10/1/2012	6/1/2014		No
	TUCO - WOODWARD 345 KV CKT 1 SPS	6/1/2014	6/1/2014		
	XFR - Medicine Lodge 345/138 kV	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722463	Circle - Reno 345kV Dbl CKT	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kV Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kV Dbl CKT WERE	12/1/2011	6/1/2017		No
	Spearville - Mulgren 345kV Dbl CKT	12/1/2011	6/1/2017		No

Credits may be required for the following Network Upgrades in accordance with Attachment 22 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722463	Circle - Reno 345kV Dbl CKT	6/1/2017	6/1/2017		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722463	Shell Creek 345/230kV	12/1/2011	6/1/2017	6/1/2017	Yes

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75722463	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			2.88%	100.00%
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			2.71%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			1.76%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			1.73%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 255,090	\$ 15,600,000
	Brookline - Compton Ridge 345 kV	12/1/2011	6/1/2017		No	2.13%	100.00%
	CLINTON - MONTROSE 161KV CKT 1 AECI	10/1/2012	6/1/2013		No	\$ -	\$ -
	Compton Ridge - Cox Creek 345 kV	12/1/2011	6/1/2017		No	1.69%	100.00%
	Compton Ridge - Osage Creek 345 kV	12/1/2011	6/1/2017		No	0.82%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017		No	1.84%	100.00%
	Dolet Hills - Messick 345 kV CELE	12/1/2011	6/1/2017		No	\$ 996,779	\$ 53,250,000
	HARTBURG - MESSICK 500.00 500KV CKT 1	10/1/2017	10/1/2017			1.77%	100.00%
	McNeil 500/345kV	12/1/2011	6/1/2017		No	\$ 225,672	\$ 12,000,000
	Messick 500/230kV	12/1/2011	6/1/2017		No	\$ 49,313	\$ 6,000,000
	Messick 500/345kV	12/1/2011	6/1/2017		No	\$ 112,313	\$ 6,000,000
	PLEASANT PRAIRIE2 - ZION ; R 345.00 345KV CKT 1	10/1/2013	10/1/2013			3.92%	100.00%
					Total	\$ 1,639,167	\$ 92,850,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
INF AG2-2011-056

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
INF	75722852	SECI	AMRN	200	12/31/2014	12/31/2019	6/1/2017	6/1/2022	\$ -	\$ 10,176,000	\$ 54,125,908	\$ 120,021,308
									\$ -	\$ 10,176,000	\$ 54,125,908	\$ 120,021,308

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
75722852	Chamber Springs - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 1,580,771	\$ 40,500,000	\$ 3,298,077	
	Chamber Springs - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 1,580,771	\$ 40,500,000	\$ 3,873,704	
	CLEO CORNER 138KV	6/1/2013	6/1/2014			\$ 28,476	\$ 500,000	\$ 90,265	
	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 52,412	\$ 915,000	\$ 109,351	
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 32,901	\$ 700,000	\$ 113,111	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015		Yes	\$ 110,676	\$ 2,195,343	\$ 317,785	
	Gentleman - Hooker Co - Wheeler Co 345KV	12/1/2011	6/1/2017		No	\$ 17,309,008	\$ 265,950,000	\$ 36,359,774	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 177,629	\$ 3,300,000	\$ 356,229	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015		Yes	\$ 2,528,374	\$ 45,543,680	\$ 6,099,694	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015		Yes	\$ 127,481	\$ 2,296,320	\$ 369,444	
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015		Yes	\$ 80,497	\$ 1,450,000	\$ 233,283	
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2017	6/1/2017			\$ 3,861,639	\$ 47,871,000	\$ 8,662,394	
	Iatan - Jeffrey Energy Center 345 kV KACP	6/1/2012	6/1/2016		No	\$ 1,175,507	\$ 15,975,000	\$ 3,256,103	
	Iatan - Jeffrey Energy Center 345 kV WERE	6/1/2012	6/1/2016		No	\$ 4,702,028	\$ 63,900,000	\$ 11,423,707	
	MOUNDRIDGE (MOUND10X) 138/115/13.8KV TRANSFORMER CKT 1	10/1/2013	6/1/2015			\$ 620,842	\$ 4,400,000	\$ 1,583,688	
	NW Texarkana - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 2,746,136	\$ 140,400,000	\$ 5,729,462	
	NW Texarkana - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 686,534	\$ 35,100,000	\$ 1,682,362	
	Turk - McNeil 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 3,959,556	\$ 72,750,000	\$ 8,261,107	
	Wheeler - Shell Creek 345kV	12/1/2011	6/1/2017		No	\$ 5,024,868	\$ 81,750,000	\$ 10,555,375	
	Wichita - Viola - Rose Hill 345 kV	12/1/2011	6/1/2017		No	\$ 7,739,802	\$ 108,000,000	\$ 17,646,392	
						Total	\$ 54,125,908	\$ 973,996,343	\$ 120,021,308

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722852	Circle - Reno 345KV Dbl CKT	12/1/2011	6/1/2017		No
	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC	12/1/2011	6/1/2015		Yes
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE	12/1/2011	6/1/2015		Yes
	HARPER - MILAN TAP 138KV CKT 1 #1	12/1/2011	6/1/2015		Yes
	HARPER - MILAN TAP 138KV CKT 1 #2	12/1/2011	6/1/2015		Yes
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #1	6/1/2012	6/1/2012		
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	6/1/2012	6/1/2014		
	HAYS PLANT - VINE STREET 115KV CKT 1	6/1/2012	6/1/2013		
	Mulgren - Circle 345kV Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kV Dbl CKT WERE	12/1/2011	6/1/2017		No
	Spearville - Mulgren 345kV Dbl CKT	12/1/2011	6/1/2017		No

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722852	Circle - Reno 345KV Dbl CKT	6/1/2017	6/1/2017		
	HUGO POWER PLANT - VALLIANT 345 kV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 kV WFEC	7/1/2012	7/1/2012		
	Mulgren - Circle 345kV Dbl CKT MKEC	6/1/2017	6/1/2017		
	Mulgren - Circle 345kV Dbl CKT WERE	6/1/2017	6/1/2017		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville - Mulgren 345kV Dbl CKT	6/1/2017	6/1/2017		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722852	Shell Creek 345/230kV	12/1/2011	6/1/2017	6/1/2017	Yes

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75722852	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			5.99%	100.00%
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			5.91%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			4.92%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			5.06%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 920,803	\$ 15,600,000
	Brookline - Compton Ridge 345 kV	12/1/2011	6/1/2017		No	5.13%	100.00%
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 858,509	\$ 7,650,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 611,618	\$ 5,450,000
	CLINTON - MONTROSE 161KV CKT 1 AECl	10/1/2012	6/1/2013			\$ -	\$ -
	Compton Ridge - Cox Creek 345 kV	12/1/2011	6/1/2017		No	5.59%	100.00%
	Compton Ridge - Osage Creek 345 kV	12/1/2011	6/1/2017		No	5.07%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECl	12/1/2011	6/1/2017		No	4.46%	100.00%
	Dolet Hills - Messick 345 kV CELE	12/1/2011	6/1/2017		No	\$ 2,352,696	\$ 53,250,000
	HARTBURG - MESSICK 500.00 500KV CKT 1	10/1/2017	10/1/2017			2.56%	100.00%
	LIBERTY TAP - SALLISAW 161KV CKT 1 AECl	6/1/2013	6/1/2015		Yes	\$ 375,606	\$ 6,500,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015		Yes	\$ 365,411	\$ 6,500,000
	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECl	6/1/2013	6/1/2013			5.78%	100.00%
	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	\$ 346,713	\$ 6,000,000
	McNeil 500/345kV	12/1/2011	6/1/2017		No	\$ 653,123	\$ 12,000,000
	Messick 500/230kV	12/1/2011	6/1/2017		No	\$ 1,531	\$ 6,000,000
	Messick 500/345kV	12/1/2011	6/1/2017		No	\$ 265,093	\$ 6,000,000
	PLEASANT PRAIRIE2 - ZION ; R 345.00 345KV CKT 1	10/1/2013	10/1/2013			5.70%	100.00%
					Total	\$ 6,751,103	\$ 124,950,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.



**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
KBPU AG2-2011-005

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KBPU	75705418	MP5	KACY	\$	6/1/2012	6/1/2024	6/1/2017	6/1/2029	\$ -	\$ 610,560	\$ 102,551	\$ 330,051
									\$ -	\$ 610,560	\$ 102,551	\$ 330,051

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75705418	Iatan - Jeffrey Energy Center 345 kV KACP	6/1/2012	6/1/2016			\$ 6,073	\$ 15,975,000	\$ 22,039
	Iatan - Jeffrey Energy Center 345 kV WERE	6/1/2012	6/1/2016			\$ 24,293	\$ 63,900,000	\$ 74,028
	MUND - PENTAGON 115KV CKT 1	6/1/2013	6/1/2015			\$ 59,552	\$ 2,738,300	\$ 197,804
	Wichita - Viola - Rose Hill 345 kV	12/1/2011	6/1/2017		No	\$ 12,633	\$ 108,000,000	\$ 36,180
Total						\$ 102,551	\$ 190,613,300	\$ 330,051

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75705418	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75705418	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75705418	ECKLES - SIBLEYPL 161.00 161KV CKT 1	6/1/2013	6/1/2013			0.68%	100.00%
Total						\$ -	\$ -

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
KBPU AG2-2011-009

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KBPU	75710066	MPFS	KACY	100	1/1/2014	1/1/2034	6/1/2015	6/1/2035	\$ -	\$ 20,352,000	\$ 1,452,018	\$ 4,522,855
									\$ -	\$ 20,352,000	\$ 1,452,018	\$ 4,522,855

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75710066	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	6/1/2017	6/1/2017			\$ 96,762	\$ 150,000	\$ 247,438
	KC SOUTH - LONGVIEW 161KV CKT 1	6/1/2017	6/1/2017			\$ 224,134	\$ 305,000	\$ 563,231
	MUND - PENTAGON 115KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 1,131,122	\$ 2,738,300	\$ 3,712,187
Total						\$ 1,452,018	\$ 3,193,300	\$ 4,522,855

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75710066	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	**Total E & C Cost
75710066	Brookline - Compton Ridge 345 kV	12/1/2011	6/1/2017			0.13%	100.00%
	Compton Ridge - Cox Creek 345 kV	12/1/2011	6/1/2017			0.04%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECL	12/1/2011	6/1/2017			0.09%	100.00%
	ECKLES - SIBLEYPL 161.00 161KV CKT 1	6/1/2013	6/1/2013			11.73%	100.00%
Total						\$ -	\$ -

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
 KCPS AG2-2011-006

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KCPS	75709838	SECI	KCPL	31	1/1/2012	1/1/2017	6/1/2017	6/1/2022	\$ -	\$ 1,577,280	\$ 920,375	\$ 1,933,827
									\$ -	\$ 1,577,280	\$ 920,375	\$ 1,933,827

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75709838	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 432	\$ 500,000	\$ 1,369
	Gentleman - Hooker Co - Wheeler Co 345KV	12/1/2011	6/1/2017			\$ 763,897	\$ 265,950,000	\$ 1,604,663
	Wheeler - Shell Creek 345kv	12/1/2011	6/1/2017			\$ 156,046	\$ 81,750,000	\$ 327,794
Total						\$ 920,375	\$ 348,200,000	\$ 1,933,827

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75709838	Line - Comanche County - Medicine Lodge 345 kv dbi ckt	10/1/2012	1/1/2015		
	Line - Hitchland - Woodward 345 kv dbi ckt OKGE	10/1/2012	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbi ckt SPS	10/1/2012	7/1/2014		
	Line - Medicine Lodge - Wichita 345 kv dbi ckt MKEC	10/1/2012	1/1/2015		
	Line - Medicine Lodge - Wichita 345 kv dbi ckt WERE	10/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbi ckt MKEC	10/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbi ckt OKGE	10/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbi ckt MKEC	10/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbi ckt SUNC	10/1/2012	1/1/2015		
	TUCO - WOODWARD 345 kv CKT 1 OKGE	10/1/2012	6/1/2014		
	TUCO - WOODWARD 345 kv CKT 1 SPS	6/1/2014	6/1/2014		
	XFR - Medicine Lodge 345/138 kv	10/1/2012	1/1/2015		

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75709838	CHERRY 230.00 - Harrington Station East Bus 230KV CKT 1	6/1/2015	6/1/2015		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75709838	Chamber Springs - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017	6/1/2017	Yes
	Chamber Springs - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017	6/1/2017	Yes
	NW Texarkana - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017	6/1/2017	Yes
	NW Texarkana - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017	6/1/2017	Yes
	Turk - McNeil 345 kv AEPW	12/1/2011	6/1/2017	6/1/2017	Yes
	Wichita - Viola - Rose Hill 345 kv	12/1/2011	6/1/2017	6/1/2017	Yes

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
 KCPS AG2-2011-007

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KCPS	75709976	WPEK	KCPL	101	12/1/2011	12/1/2031	6/1/2017	6/1/2037	\$ 18,180,000	\$ -	\$ 25,520,684	\$ 92,106,662
									\$ 18,180,000	\$ -	\$ 25,520,684	\$ 92,106,662

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Base Plan Funding for Wind	Directly Assigned for Wind	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75709976	Chamber Springs - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 38,783	\$ 19,389	\$ 58,172	\$ 40,500,000	\$ 202,982
	Chamber Springs - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 38,783	\$ 19,389	\$ 58,172	\$ 40,500,000	\$ 249,412
	CIMARRON RIVER PLANT - GRAY CO SUB 1T 115KV CKT 1	12/1/2011	6/1/2015		Yes	\$ 1,143,677	\$ 571,753	\$ 1,715,430	\$ 26,437,500	\$ 7,401,609
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 6,919	\$ 3,459	\$ 10,378	\$ 500,000	\$ 57,294
	Gentleman - Hooker Co - Wheeler Co 345kV	12/1/2011	6/1/2017		No	\$ 5,260,668	\$ 2,629,939	\$ 7,890,607	\$ 265,950,000	\$ 25,186,700
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2017	6/1/2017			\$ 2,148,321	\$ 1,074,000	\$ 3,222,321	\$ 47,871,000	\$ 11,490,246
	Iatan - Jeffrey Energy Center 345 kV KACP	6/1/2012	6/1/2016		No	\$ 917,390		\$ 917,390	\$ 15,975,000	\$ 4,370,253
	Iatan - Jeffrey Energy Center 345 kV WERE	6/1/2012	6/1/2016		No	\$ 2,446,495	\$ 1,223,064	\$ 3,669,559	\$ 63,900,000	\$ 14,156,951
	MOUNDRIDGE (MOUND10X) 138/115/13.8KV TRANSFORMER CKT 1	10/1/2013	6/1/2015			\$ 112,326	\$ 56,154	\$ 168,480	\$ 4,400,000	\$ 682,450
	MUND - PENTAGON 115KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 363,408	\$ 181,677	\$ 545,085	\$ 2,738,300	\$ 2,292,163
	NW Texarkana - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 137,688	\$ 68,833	\$ 206,521	\$ 140,400,000	\$ 720,623
	NW Texarkana - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 34,422	\$ 17,208	\$ 51,630	\$ 35,100,000	\$ 221,363
	REDEL - STILWELL 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 549,739		\$ 549,739	\$ 4,026,000	\$ 2,854,462
	Turk - McNeil 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 286,350	\$ 143,153	\$ 429,503	\$ 72,750,000	\$ 1,498,685
	Wheeler - Shell Creek 345kV	12/1/2011	6/1/2017		No	\$ 1,734,323	\$ 867,031	\$ 2,601,354	\$ 81,750,000	\$ 8,303,483
	Wichita - Viola - Rose Hill 345 kV	12/1/2011	6/1/2017		No	\$ 2,284,343	\$ 1,142,000	\$ 3,426,343	\$ 108,000,000	\$ 12,417,986
						\$ 17,503,634	\$ 8,017,050	\$ 25,520,684	\$ 950,797,800	\$ 92,106,662

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75709976	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		Yes
	Line - Comanche County - Medicine Lodge 345 kV dbl ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kV dbl ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kV dbl ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kV dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kV dbl ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbl Ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbl ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbl ckt SUNC	10/1/2012	1/1/2015		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	TUCO - WOODWARD 345 KV CKT 1 OKGE	10/1/2012	6/1/2014		No
	TUCO - WOODWARD 345 KV CKT 1 SPS	6/1/2014	6/1/2014		No
	XFR - Medicine Lodge 345/138 kV	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75709976	PRATT - ST JOHN 115KV CKT 1	10/1/2012	6/1/2013		Yes

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75709976	Circle - Reno 345kV Dbl CKT	12/1/2011	6/1/2017		No
	CLEARWATER - MILAN TAP 138kV CKT 1 MKEC	12/1/2011	6/1/2015		Yes
	CLEARWATER - MILAN TAP 138kV CKT 1 WERE	12/1/2011	6/1/2015		Yes
	CLIFTON - GREENLEAF 115kV CKT 1	10/1/2012	6/1/2013		Yes
	FLATRDG3 138.00 - HARPER 138kV CKT 1	12/1/2011	6/1/2013		Yes
	GRAY CO SUB 1-Judson LRG 115kV CKT 2	12/1/2011	6/1/2015		Yes
	GREENLEAF - KNOB HILL 115kV CKT 1 MKEC	10/1/2012	6/1/2013		Yes
	HARPER - MILAN TAP 138kV CKT 1 #1	12/1/2011	6/1/2015		Yes
	HARPER - MILAN TAP 138kV CKT 1 #2	12/1/2011	6/1/2015		Yes
	HAYS PLANT - SOUTH HAYS 115kV CKT 1 #1	6/1/2012	6/1/2012		
	HAYS PLANT - SOUTH HAYS 115kV CKT 1 #2	6/1/2012	6/1/2014		No
	HAYS PLANT - VINE STREET 115kV CKT 1	6/1/2012	6/1/2013		No
	Judson Large - North Judson Large 115kV CKT 2	12/1/2011	6/1/2015		Yes
	MEDICINE LODGE - PRATT 115kV CKT 1	12/1/2011	6/1/2013		Yes
	MEDICINE LODGE (MED-LDG4) 138/115/2.72kV TRANSFORMER CKT 1	10/1/2012	6/1/2013		Yes
	Mulgren - Circle 345kV Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kV Dbl CKT WERE	12/1/2011	6/1/2017		No
	North Judson Large - Spearville 115kV CKT 2	12/1/2011	6/1/2015		Yes
	Spearville - Mulgren 345kV Dbl CKT	12/1/2011	6/1/2017		No
	Spearville 345/115/13.8kV Transformer CKT 3	12/1/2011	6/1/2015		Yes

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75709976	Circle - Reno 345kV Dbl CKT	6/1/2017	6/1/2017		
	LACYGNE - WEST GARDNER 345kV CKT 1	6/1/2006	6/1/2006		
	Mulgren - Circle 345kV Dbl CKT MKEC	6/1/2017	6/1/2017		
	Mulgren - Circle 345kV Dbl CKT WERE	6/1/2017	6/1/2017		
	NORTHWEST - TATONGA 345kV CKT 1	1/1/2010	1/1/2010		
	Spearville - Mulgren 345kV Dbl CKT	6/1/2017	6/1/2017		
	TATONGA - WOODWARD 345kV CKT 1	1/1/2010	1/1/2010		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75709976	Shell Creek 345/230kV	12/1/2011	6/1/2017	6/1/2017	Yes

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75709976	BLACKBERRY - MORGAN 345kV CKT 1	6/1/2013	6/1/2015		No	\$ 106,975	\$ 15,600,000
	Compton Ridge - Cox Creek 345 kV	12/1/2011	6/1/2017		No	0.29%	100.00%
	Compton Ridge - Osage Creek 345 kV	12/1/2011	6/1/2017		No	1.63%	100.00%
	Compton Ridge 345/161 kV Transformer	12/1/2011	6/1/2017		No	3.14%	100.00%
	Dolet Hills - Messick 345 kV CELE	12/1/2011	6/1/2017		No	\$ 231,835	\$ 53,250,000
	ECKLES - SIBLEYPL 161.00 161kV CKT 1	6/1/2013	6/1/2013			5.57%	100.00%
	McNeil 500/345kV	12/1/2011	6/1/2017		No	\$ 70,846	\$ 12,000,000
	Messick 500/345kV	12/1/2011	6/1/2017		No	\$ 26,122	\$ 6,000,000
					Total	\$ 435,778	\$ 86,850,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
 KCPS AG2-2011-008

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KCPS	75709980	WPEK	KCPL	100	12/1/2011	12/1/2031	6/1/2017	6/1/2037	\$ 18,000,000	\$ -	\$ 45,392,161	\$ 176,739,680
									\$ 18,000,000	\$ -	\$ 45,392,161	\$ 176,739,680

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Base Plan Funding for Wind	Directly Assigned for Wind	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75709980	Chamber Springs - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 24,501	\$ 38,252	\$ 62,753	\$ 40,500,000	\$ 218,967
	Chamber Springs - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		No	\$ 24,501	\$ 38,252	\$ 62,753	\$ 40,500,000	\$ 269,052
	CIMARRON RIVER PLANT - GRAY CO SUB 1T 115KV CKT 1	12/1/2011	6/1/2015		Yes	\$ 8,199,115	\$ 12,800,763	\$ 20,999,878	\$ 26,437,500	\$ 90,608,706
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 4,264	\$ 6,656	\$ 10,920	\$ 500,000	\$ 60,286
	Gentleman - Hooker Co - Wheeler Co 345kv	12/1/2011	6/1/2017		No	\$ 3,497,164	\$ 5,459,903	\$ 8,957,067	\$ 265,950,000	\$ 28,590,824
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2017	6/1/2017			\$ 1,198,348	\$ 1,870,906	\$ 3,069,254	\$ 47,871,000	\$ 10,944,435
	Iatan - Jeffrey Energy Center 345 kv KACP	6/1/2012	6/1/2016		No	\$ 514,250	\$ 363,872	\$ 878,122	\$ 15,975,000	\$ 4,183,188
	Iatan - Jeffrey Energy Center 345 kv WERE	6/1/2012	6/1/2016		No	\$ 1,371,404	\$ 2,141,086	\$ 3,512,490	\$ 63,900,000	\$ 13,550,987
	MUND - PENTAGON 115KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 208,771	\$ 325,941	\$ 534,712	\$ 2,738,300	\$ 2,248,543
	NW Texarkana - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 87,331	\$ 136,345	\$ 223,676	\$ 140,400,000	\$ 780,483
	NW Texarkana - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		No	\$ 21,833	\$ 34,086	\$ 55,919	\$ 35,100,000	\$ 239,752
	REDEL - STILWELL 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 317,590	\$ 224,720	\$ 542,310	\$ 4,026,000	\$ 2,815,887
	Turk - McNeil 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 171,111	\$ 267,145	\$ 438,256	\$ 72,750,000	\$ 1,529,227
	Wheeler - Shell Creek 345kv	12/1/2011	6/1/2017		No	\$ 1,089,183	\$ 1,700,473	\$ 2,789,656	\$ 81,750,000	\$ 8,904,540
	Wichita - Viola - Rose Hill 345 kv	12/1/2011	6/1/2017		No	\$ 1,270,634	\$ 1,983,761	\$ 3,254,395	\$ 108,000,000	\$ 11,794,800
					Total	\$ 18,000,000	\$ 27,392,161	\$ 45,392,161	\$ 946,397,800	\$ 176,739,680

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75709980	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		Yes
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	10/1/2012	1/1/2015		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	TUCO - WOODWARD 345 kv CKT 1 OKGE	10/1/2012	6/1/2014		No
	TUCO - WOODWARD 345 kv CKT 1 SPS	6/1/2014	6/1/2014		
	XFR - Medicine Lodge 345/138 kv	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75709980	PRATT - ST JOHN 115KV CKT 1	10/1/2012	6/1/2013		Yes

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75709980	Circle - Reno 345kV Dbl CKT	12/1/2011	6/1/2017		No
	CLEARWATER - MILAN TAP 138kV CKT 1 MKEC	12/1/2011	6/1/2015		Yes
	CLEARWATER - MILAN TAP 138kV CKT 1 WERE	12/1/2011	6/1/2015		Yes
	CLIFTON - GREENLEAF 115kV CKT 1	10/1/2012	6/1/2013		Yes
	FLATRDG3 138.00 - HARPER 138kV CKT 1	12/1/2011	6/1/2013		Yes
	GRAY CO SUB 1-Judson LRG 115kV CKT 2	12/1/2011	6/1/2015		Yes
	GREENLEAF - KNOB HILL 115kV CKT 1 MKEC	10/1/2012	6/1/2013		Yes
	HARPER - MILAN TAP 138kV CKT 1 #1	12/1/2011	6/1/2015		Yes
	HARPER - MILAN TAP 138kV CKT 1 #2	12/1/2011	6/1/2015		Yes
	HAYS PLANT - SOUTH HAYS 115kV CKT 1 #1	6/1/2012	6/1/2012		
	HAYS PLANT - SOUTH HAYS 115kV CKT 1 #2	6/1/2012	6/1/2014		No
	HAYS PLANT - VINE STREET 115kV CKT 1	6/1/2012	6/1/2013		No
	Judson Large - North Judson Large 115kV CKT 2	12/1/2011	6/1/2015		Yes
	MEDICINE LODGE - PRATT 115kV CKT 1	12/1/2011	6/1/2013		Yes
	MEDICINE LODGE (MED-LDG4) 138/115/2.72kV TRANSFORMER CKT 1	10/1/2012	6/1/2013		Yes
	Mulgren - Circle 345kV Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kV Dbl CKT WERE	12/1/2011	6/1/2017		No
	North Judson Large - Spearville 115kV CKT 2	12/1/2011	6/1/2015		Yes
	Spearville - Mulgren 345kV Dbl CKT	12/1/2011	6/1/2017		No
	Spearville 345/115/13.8kV Transformer CKT 3	12/1/2011	6/1/2015		Yes

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75709980	Circle - Reno 345kV Dbl CKT	6/1/2017	6/1/2017		
	FLATRDG3 138.00 - MEDICINE LODGE 138kV CKT 1	12/1/2009	6/1/2013		
	FLATRDG3 138.00 - HARPER 138kV CKT 1	12/1/2009	6/1/2013		
	LACYGNE - WEST GARDNER 345kV CKT 1	6/1/2006	6/1/2006		
	Mulgren - Circle 345kV Dbl CKT MKEC	6/1/2017	6/1/2017		
	Mulgren - Circle 345kV Dbl CKT WERE	6/1/2017	6/1/2017		
	NORTHWEST - TATONGA 345kV CKT 1	1/1/2010	1/1/2010		
	Spearville - Mulgren 345kV Dbl CKT	6/1/2017	6/1/2017		
	TATONGA - WOODWARD 345kV CKT 1	1/1/2010	1/1/2010		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75709980	Shell Creek 345/230kV	12/1/2011	6/1/2017	6/1/2017	Yes

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75709980	BLACKBERRY - MORGAN 345kV CKT 1	6/1/2013	6/1/2015		No	\$ 104,317	\$ 15,600,000
	Compton Ridge - Cox Creek 345 kV	12/1/2011	6/1/2017		No	0.28%	100.00%
	Compton Ridge - Osage Creek 345 kV	12/1/2011	6/1/2017		No	1.64%	100.00%
	Compton Ridge 345/161 kV Transformer	12/1/2011	6/1/2017		No	3.15%	100.00%
	Dolet Hills - Messick 345 kV CELE	12/1/2011	6/1/2017		No	\$ 236,315	\$ 53,250,000
	ECKLES - SIBLEYPL 161.00 161kV CKT 1	6/1/2013	6/1/2013			5.50%	100.00%
	McNeil 500/345kV	12/1/2011	6/1/2017		No	\$ 72,290	\$ 12,000,000
	Messick 500/345kV	12/1/2011	6/1/2017		No	\$ 26,627	\$ 6,000,000
					Total	\$ 439,549	\$ 86,850,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
 KCPS AG2-2011-032

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KCPS	75723345	KCPL	EES	2	1/1/2012	1/1/2016			\$ -	\$ 113,280	\$ 122,382	\$ 162,774
									\$ -	\$ 113,280	\$ 122,382	\$ 162,774

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75723345	Chamber Springs - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017			\$ 19,437	\$ 40,500,000	\$ 24,927
	Chamber Springs - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017			\$ 19,437	\$ 40,500,000	\$ 27,819
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 238	\$ 700,000	\$ 477
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015			\$ 794	\$ 2,195,343	\$ 1,329
	NW Texarkana - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017			\$ 65,981	\$ 140,400,000	\$ 84,616
	NW Texarkana - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017			\$ 16,495	\$ 35,100,000	\$ 23,608
<b>Total</b>						<b>\$ 122,382</b>	<b>\$ 259,395,343</b>	<b>\$ 162,774</b>

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723345	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723345	HUGO POWER PLANT - VALLIANT 345 kV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 kV WFEC	7/1/2012	7/1/2012		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75723345	GAIRLINE 230.00 - 6VIGNES 230KV CKT 1 LAGN	12/31/2011	12/31/2011			0.00%	100.00%
	GAIRLINE 230.00 - SORRENTO 230KV CKT 1	12/31/2011	12/31/2011			0.00%	100.00%
	AAC CORP - LICAR 230KV CKT 1	12/31/2011	12/31/2011			0.00%	100.00%
	AAC CORP - POLSCAR 230KV CKT 1	12/31/2011	12/31/2011			0.00%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			0.04%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			0.04%	100.00%
	BELLE HELENE - LICAR 230KV CKT 1	12/31/2011	12/31/2011			0.00%	100.00%
	DELMONT - ESSO 230KV CKT 1	6/1/2013	6/1/2013			0.44%	100.00%
	HARTBURG - MOUNT OLIVE 500KV CKT 1	12/31/2011	12/31/2011			0.42%	100.00%
	WILLOW GLEN 500/138KV TRANSFORMER CKT 1	6/1/2013	6/1/2013			0.44%	100.00%
	WILLOW GLEN 500/230KV TRANSFORMER CKT 1	6/1/2012	6/1/2012			0.44%	100.00%
<b>Total</b>						<b>\$ -</b>	<b>\$ -</b>

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.



**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
 KCPS AG2-2011-033

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KCPS	75723331	KCPL	EES	2	6/1/2012	6/1/2025			\$ -	\$ 368,160	\$ 122,382	\$ 236,977
									\$ -	\$ 368,160	\$ 122,382	\$ 236,977

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75723331	Chamber Springs - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017			\$ 19,437	\$ 40,500,000	\$ 35,929
	Chamber Springs - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017			\$ 19,437	\$ 40,500,000	\$ 41,329
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 238	\$ 700,000	\$ 708
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015			\$ 794	\$ 2,195,343	\$ 1,974
	NW Texarkana - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017			\$ 65,981	\$ 140,400,000	\$ 121,964
	NW Texarkana - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017			\$ 16,495	\$ 35,100,000	\$ 35,073
<b>Total</b>						<b>\$ 122,382</b>	<b>\$ 259,395,343</b>	<b>\$ 236,977</b>

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723331	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723331	HUGO POWER PLANT - VALLIANT 345 kV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 kV WFEC	7/1/2012	7/1/2012		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75723331	GAIRLINE 230.00 - 6VIGNES 230KV CKT 1 LAGN	12/31/2011	12/31/2011			0.00%	100.00%
	GAIRLINE 230.00 - SORRENTO 230KV CKT 1	12/31/2011	12/31/2011			0.00%	100.00%
	AAC CORP - LICAR 230KV CKT 1	12/31/2011	12/31/2011			0.00%	100.00%
	AAC CORP - POLSCAR 230KV CKT 1	12/31/2011	12/31/2011			0.00%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			0.04%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			0.04%	100.00%
	BELLE HELENE - LICAR 230KV CKT 1	12/31/2011	12/31/2011			0.00%	100.00%
	DELMONT - ESSO 230KV CKT 1	6/1/2013	6/1/2013			0.44%	100.00%
	HARTBURG - MESSICK 500.00 500KV CKT 1	10/1/2017	10/1/2017			0.14%	100.00%
	HARTBURG - MOUNT OLIVE 500KV CKT 1	12/31/2011	12/31/2011			0.42%	100.00%
	WILLOW GLEN 500/138KV TRANSFORMER CKT 1	6/1/2013	6/1/2013			0.44%	100.00%
	WILLOW GLEN 500/230KV TRANSFORMER CKT 1	6/1/2012	6/1/2012			0.44%	100.00%
<b>Total</b>						<b>\$ -</b>	<b>\$ -</b>

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
 KCPS AG2-2011-035

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KCPS	75723322	KCPL	EES	100	1/1/2012	1/1/2014	6/1/2017	6/1/2019	\$ -	\$ 2,832,000	\$ 9,020,013	\$ 17,764,890
									\$ -	\$ 2,832,000	\$ 9,020,013	\$ 17,764,890

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75723322	Chamber Springs - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 972,814	\$ 40,500,000	\$ 1,805,258
	Chamber Springs - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 972,814	\$ 40,500,000	\$ 2,094,267
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 3,833	\$ 500,000	\$ 10,650
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 11,929	\$ 700,000	\$ 35,948
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015		Yes	\$ 39,623	\$ 2,195,343	\$ 99,726
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015		Yes	\$ 1,121,630	\$ 45,543,680	\$ 2,408,807
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015		Yes	\$ 56,553	\$ 2,296,320	\$ 143,661
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015		Yes	\$ 35,710	\$ 1,450,000	\$ 90,714
	NW Texarkana - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 3,312,254	\$ 140,400,000	\$ 6,146,574
	NW Texarkana - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 828,064	\$ 35,100,000	\$ 1,782,650
	Turk - McNeil 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 1,377,740	\$ 72,750,000	\$ 2,556,682
	Wichita - Viola - Rose Hill 345 kV	12/1/2011	6/1/2017		No	\$ 287,049	\$ 108,000,000	\$ 589,953
Total						\$ 9,020,013	\$ 489,935,343	\$ 17,764,890

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723322	Line - Comanche County - Medicine Lodge 345 kV dbi ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kV dbi ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kV dbi ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kV dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kV dbi ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbi ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbi ckt SUNC	10/1/2012	1/1/2015		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	TUCO - WOODWARD 345 kV CKT 1 OKGE	10/1/2012	6/1/2014		No
	TUCO - WOODWARD 345 kV CKT 1 SPS	6/1/2014	6/1/2014		No
	XFR - Medicine Lodge 345/138 kV	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723322	BIRMINGHAM - HAWTHORN 161KV CKT 1	6/1/2013	6/1/2014		No
	Circle - Reno 345kV Dbl CKT	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kV Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kV Dbl CKT WERE	12/1/2011	6/1/2017		No
	Spearville - Mulgren 345kV Dbl CKT	12/1/2011	6/1/2017		No

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723322	ALUMAX TAP - BANN 138KV CKT 1	6/1/2008	6/1/2008		
	ASHDOWN REC (MILLWOOD) - OKAY 138KV CKT 1	7/1/2012	7/1/2012		
	ASHDOWN REC (MILLWOOD) - PATTERSON 138KV CKT 1	7/1/2012	7/1/2012		
	BANN - RED SPRINGS REC 138KV CKT 1	7/1/2012	7/1/2012		
	BEE LINE - EXPLORER GLENPOOL 138KV CKT 1	6/1/2009	6/1/2009		
	CHERRY6 230.00 - Harrington Station East Bus 230KV CKT 1	6/1/2015	6/1/2015		
	Circle - Reno 345KV Dbl CKT	6/1/2017	6/1/2017		
	DEARING 138KV Capacitor	6/1/2012	6/1/2012		
	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW	6/1/2009	6/1/2009		
	FT RANDAL - MADISONCO 230.00 230KV CKT 1	11/1/2014	11/1/2014		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	HUGO POWER PLANT 345/138KV TRANSFORMER CKT 1	7/1/2012	7/1/2012		
	KELLY - MADISONCO 230.00 230KV CKT 1	11/1/2014	11/1/2014		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	MCNAB REC - TURK 115KV CKT 1	7/1/2012	7/1/2012		
	MEDICINE LODGE - SAWYER 115KV CKT 1	12/1/2009	6/1/2013		
	Mulgren - Circle 345kv Dbl CKT MKEC	6/1/2017	6/1/2017		
	Mulgren - Circle 345kv Dbl CKT WERE	6/1/2017	6/1/2017		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	OKAY - TURK 138KV CKT 1	7/1/2012	7/1/2012		
	SAWYER - PRATT 115KV CKT 1	12/1/2009	6/1/2013		
	SE TEXARKANA - TURK 138KV CKT 1	7/1/2012	7/1/2012		
	Spearville - Mulgren 345KV Dbl CKT	6/1/2017	6/1/2017		
	SUB 110 - OROLOGO JCT. - SUB 167 - RIVERTON 161KV CKT 1	6/1/2011	6/1/2011		
	SUGAR HILL - TURK 138KV CKT 1	7/1/2012	7/1/2012		
	TALOGA (TALOGA) 138/69/13.8KV TRANSFORMER CKT 1	10/1/2010	6/1/2013		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD - IODINE 138KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD - WOODWARD EHV 138KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD - WOODWARD EHV 138KV CKT 2	1/1/2010	1/1/2010		
	WOODWARD 345/138KV TRANSFORMER CKT 1	1/1/2010	1/1/2010		

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75723322	AVATCAN - SCOTT 138KV CKT 1 LAGN	10/1/2013	10/1/2013			22.56%	100.00%
	5BLEDSOE - TRUMAN 161KV CKT 1 SWPA	6/1/2013	6/1/2013			\$ 21,249	\$ 70,000
	5OVERTON 161.00 - 5OVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			2.58%	100.00%
	6AIRLINE 230.00 - 6VIGNES 230KV CKT 1 LAGN	12/31/2011	12/31/2011			22.10%	100.00%
	6AIRLINE 230.00 - SORRENTO 230KV CKT 1	12/31/2011	12/31/2011			22.10%	100.00%
	6CAJUN1 - ADDIS 230KV CKT 1 LAGN	10/1/2013	10/1/2013			22.19%	100.00%
	6VIGNES - COLY 230KV CKT 1 EES	10/1/2013	10/1/2013			22.10%	100.00%
	6VIGNES - COLY 230KV CKT 1 LAGN	10/1/2013	10/1/2013			22.10%	100.00%
	7OVERTON 345.00 ( ) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			1.46%	100.00%
	AAC CORP - LICAR 230KV CKT 1	12/31/2011	12/31/2011			22.11%	100.00%
	AAC CORP - POLSCAR 230KV CKT 1	12/31/2011	12/31/2011			22.11%	100.00%
	ALCHEM - MONOCHEM 1 138KV CKT 1	6/1/2012	6/1/2012			22.13%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			2.02%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			1.76%	100.00%
	BELLE HELENE - LICAR 230KV CKT 1	12/31/2011	12/31/2011			22.11%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 116,498	\$ 15,600,000
	Brookline - Compton Ridge 345 KV	12/1/2011	6/1/2017		No	1.45%	100.00%
	CLINTON - MONTROSE 161KV CKT 1 AECI	10/1/2012	6/1/2013			\$ -	\$ -
	COCODRIE 230/138KV TRANSFORMER CKT 1	6/1/2013	6/1/2013			\$ -	\$ -
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017		No	2.91%	100.00%
	Compton Ridge 345/161 kv Transformer	12/1/2011	6/1/2017		No	10.85%	100.00%
	COUGHLIN - PLAISANCE 138KV CKT 1	6/1/2013	6/1/2013			21.17%	100.00%
	CYPRESS 500/138KV TRANSFORMER CKT 1	12/31/2011	12/31/2011			29.04%	100.00%
	DELMONT - ESSO 230KV CKT 1	6/1/2013	6/1/2013			22.02%	100.00%
	Dollet Hills - Messick 345 kv CELE	12/1/2011	6/1/2017		No	\$ 1,804,654	\$ 53,250,000
	ELDORADO PARNELL ROAD - WYATT SS 115KV CKT 1	10/1/2012	10/1/2012			23.15%	100.00%
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 257,649	\$ 8,000,000
	GRIMES - MT. ZION 138KV CKT 1	12/31/2011	12/31/2011			12.50%	100.00%
	HARTBURG - INLAND-ORANGE 230KV CKT 1	12/31/2011	12/31/2011			21.32%	100.00%
	HARTBURG - MESSICK 500.00 500KV CKT 1	10/1/2017	10/1/2017			6.82%	100.00%
	HARTBURG - MOUNT OLIVE 500KV CKT 1	12/31/2011	12/31/2011			20.81%	100.00%
	HARTBURG 500/230KV TRANSFORMER CKT 1	12/31/2011	12/31/2011			21.32%	100.00%
	HUNTSVILLE - LINE 558 TAP 138KV CKT 1	12/31/2011	12/31/2011			12.50%	100.00%
	JASPER - SAM RAYBURN 4 138KV CKT 1	12/31/2011	12/31/2011			20.73%	100.00%
	LEACH - TOLEDO BEND 138KV CKT 1	12/31/2011	12/31/2011			13.03%	100.00%
	LIBERTY TAP - SALLISAW 161KV CKT 1 AECI	6/1/2013	6/1/2015		Yes	\$ 140,580	\$ 6,500,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015		Yes	\$ 136,764	\$ 6,500,000
	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECI	6/1/2013	6/1/2013			2.16%	100.00%
	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	\$ 129,766	\$ 6,000,000
	LINE 558 TAP - MT. ZION 138KV CKT 1	12/31/2011	12/31/2011			12.50%	100.00%
	LITTLE GYPSY - WATERFORD 230KV CKT 1	10/1/2013	10/1/2013			18.92%	100.00%
	MARSHALL - MOSSVILLE 138KV CKT 1	10/1/2012	10/1/2012			22.78%	100.00%
	MCADAMS 500/230KV TRANSFORMER CKT 1	6/1/2012	6/1/2012			28.31%	100.00%
	McNeil 500/345kv	12/1/2011	6/1/2017		No	\$ 227,256	\$ 12,000,000
	Messick 500/230kv	12/1/2011	6/1/2017		No	\$ 279,034	\$ 6,000,000
	Messick 500/345kv	12/1/2011	6/1/2017		No	\$ 203,341	\$ 6,000,000
	MOSSVILLE - NELSON 138KV CKT 1	10/1/2012	10/1/2012			22.73%	100.00%
	NORTH WARSAW 161KV - TRUMAN 161KV CKT 1 SWPA	6/1/2013	6/1/2013			\$ 27,231	\$ 70,000
	PLEASANT PRAIRIE2 - ZION ; R 345.00 345KV CKT 1	10/1/2013	10/1/2013			1.68%	100.00%
	RAPIDES - RODEMACHER 230KV CKT 1	6/1/2013	6/1/2013			12.26%	100.00%
	VULCHLOR - WOODSTOCK 230KV CKT 1	10/1/2013	10/1/2013			22.11%	100.00%
	WILLOW GLEN 500/138KV TRANSFORMER CKT 1	6/1/2013	6/1/2013			22.01%	100.00%
	WILLOW GLEN 500/230KV TRANSFORMER CKT 1	6/1/2012	6/1/2012			21.98%	100.00%
					Total	\$ 3,344,022	\$ 119,990,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
KEPC AG2-2011-065

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KEPC	75670817	KCPL	WR	2	1/1/2012	6/1/2030	6/1/2016	11/1/2034	\$ 75,096	\$ -	\$ 75,096	\$ 241,229
									\$ 75,096	\$ -	\$ 75,096	\$ 241,229

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75670817	Wichita - Viola - Rose Hill 345 kV	12/1/2011	6/1/2017			\$ 75,096	\$ 108,000,000	\$ 241,229
						\$ 75,096	\$ 108,000,000	\$ 241,229

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75670817	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		
	Line - Comanche County - Medicine Lodge 345 kV dbi ckt	10/1/2012	1/1/2015		
	Line - Hitchland - Woodward 345 kV dbi ckt OKGE	10/1/2012	7/1/2014		
	Line - Hitchland - Woodward 345 kV dbi ckt SPS	10/1/2012	7/1/2014		
	Line - Medicine Lodge - Wichita 345 kV dbi ckt MKEC	10/1/2012	1/1/2015		
	Line - Medicine Lodge - Wichita 345 kV dbi ckt WERE	10/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kV dbi Ckt MKEC	10/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kV dbi Ckt OKGE	10/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kV dbi ckt MKEC	10/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kV dbi ckt SUNC	10/1/2012	1/1/2015		
	XFR - Medicine Lodge 345/138 kV	10/1/2012	1/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75670817	CHAPMAN JUNCTION 115KV	6/1/2017	6/1/2017		
	EL PASO - FARBER 138KV CKT 1	6/1/2013	6/1/2015		

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75670817	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75670817	Iatan - Jeffrey Energy Center 345 kV KACP	6/1/2012	6/1/2016	6/1/2016	Yes
	Iatan - Jeffrey Energy Center 345 kV WERE	6/1/2012	6/1/2016	6/1/2016	Yes

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
KMEA AG2-2011-025

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KMEA	75723657	NPPD	WR	3	4/1/2012	4/1/2025	6/1/2014	6/1/2027	\$ 272,540	\$ -	\$ 272,540	\$ 630,777
									\$ 272,540	\$ -	\$ 272,540	\$ 630,777

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75723657	CANADAY - ELM CREEK 115KV CKT 1	10/1/2012	6/1/2014			\$ 95,186	\$ 9,187,500	\$ 223,126
	MOUNDRIDGE (MOUND10X) 138/115/13.8KV TRANSFORMER CKT 1	10/1/2013	6/1/2015			\$ 55,133	\$ 4,400,000	\$ 146,295
	SHELDON - SW7TH & PLEASANT HILL 115KV CKT 2 LES	6/1/2013	6/1/2014			\$ 99,461	\$ 8,437,500	\$ 211,076
	SHELDON - SW7TH & PLEASANT HILL 115KV CKT 2 NPPD	6/1/2013	6/1/2014			\$ 3,581	\$ 303,750	\$ 8,292
	Wheeler - Shell Creek 345kv	12/1/2011	6/1/2017			\$ 19,179	\$ 81,750,000	\$ 41,987
Total						\$ 272,540	\$ 104,078,750	\$ 630,777

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723657	87th Street Interconnection	6/1/2012	6/1/2013		
	Line - Comanche County - Medicine Lodge 345 kv dbi ckt	10/1/2012	1/1/2015		
	Line - Hitchland - Woodward 345 kv dbi ckt OKGE	10/1/2012	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbi ckt SPS	10/1/2012	7/1/2014		
	Line - Medicine Lodge - Wichita 345 kv dbi ckt MKEC	10/1/2012	1/1/2015		
	Line - Medicine Lodge - Wichita 345 kv dbi ckt WERE	10/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbi ckt MKEC	10/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbi ckt OKGE	10/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbi ckt MKEC	10/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbi ckt SUNC	10/1/2012	1/1/2015		
	TUCO - WOODWARD 345 KV CKT 1 OKGE	10/1/2012	6/1/2014		No
	TUCO - WOODWARD 345 KV CKT 1 SPS	6/1/2014	6/1/2014		
	XFR - Medicine Lodge 345/138 kv	10/1/2012	1/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723657	Circle - Reno 345kv Dbl CKT	12/1/2011	6/1/2017		
	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC	12/1/2011	6/1/2015		
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE	12/1/2011	6/1/2015		
	FLATRDG3 138.00 - HARPER 138KV CKT 1	12/1/2011	6/1/2013		
	HARPER - MILAN TAP 138KV CKT 1 #1	12/1/2011	6/1/2015		
	HARPER - MILAN TAP 138KV CKT 1 #2	12/1/2011	6/1/2015		
	MEDICINE LODGE (MED-LDG4) 138/115/2.72KV TRANSFORMER CKT 1	10/1/2012	6/1/2013		
	Mulgren - Circle 345kv Dbl CKT MKEC	12/1/2011	6/1/2017		
	Mulgren - Circle 345kv Dbl CKT WERE	12/1/2011	6/1/2017		
	Spearville - Mulgren 345kv Dbl CKT	12/1/2011	6/1/2017		

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723657	Circle - Reno 345kv Dbl CKT	6/1/2017	6/1/2017		
	CLIFTON - GREENLEAF 115KV CKT 1	6/1/2011	6/1/2013		
	FLATRDG3 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2009	6/1/2013		
	FLATRDG3 138.00 - HARPER 138KV CKT 1	12/1/2009	6/1/2013		
	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	6/1/2013	6/1/2013		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	Mulgren - Circle 345kv Dbl CKT MKEC	6/1/2017	6/1/2017		
	Mulgren - Circle 345kv Dbl CKT WERE	6/1/2017	6/1/2017		
	Spearville - Mulgren 345kv Dbl CKT	6/1/2017	6/1/2017		

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
LESM AG2-2011-003

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements	
LESM	75665751	NPPD	LES	3	10/1/2012	10/1/2017			\$ -	\$ -	\$ 111,874	\$ 164,557	
										\$ -	\$ -	\$ 111,874	\$ 164,557

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75665751	SHELDON - SW7TH & PLEASANT HILL 115KV CKT 2 LES	6/1/2013	6/1/2014			\$ 107,986	\$ 8,437,500	\$ 158,159
	SHELDON - SW7TH & PLEASANT HILL 115KV CKT 2 NPPD	6/1/2013	6/1/2014			\$ 3,888	\$ 303,750	\$ 6,397
Total						\$ 111,874	\$ 8,741,250	\$ 164,557

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75665751	KELLY - MADISONCO 230.00 230KV CKT 1	6/1/2013	11/1/2014		

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75665751	ALBION - PETERSBURG 115KV CKT 1	1/1/2013	1/1/2013		
	FT RANDAL - MADISONCO 230.00 230KV CKT 1	11/1/2014	11/1/2014		
	KELLY - MADISONCO 230.00 230KV CKT 1	11/1/2014	11/1/2014		
	NELIGH - PETERSBURG 115KV CKT 1	1/1/2013	1/1/2013		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75665751	MENNO JCT - UTICA 115KV CKT 1	6/1/2013	6/1/2013			100.00%	100.00%
Total						\$ -	\$ -

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
MOWR AG2-2011-057

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
MOWR	75723278	KCPL	AMRN	1	6/1/2012	6/1/2017	6/1/2017	6/1/2022	\$ -	\$ 50,880	\$ 33,083	\$ 72,931
									\$ -	\$ 50,880	\$ 33,083	\$ 72,931

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
75723278	Chamber Springs - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017			\$ 3,471	\$ 40,500,000	\$ 7,242	
	Chamber Springs - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017			\$ 3,471	\$ 40,500,000	\$ 8,506	
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 79	\$ 700,000	\$ 272	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015			\$ 261	\$ 2,195,343	\$ 749	
	GRDA1 - SILDAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 623	\$ 3,300,000	\$ 1,249	
	NW Texarkana - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017			\$ 5,278	\$ 140,400,000	\$ 11,012	
	NW Texarkana - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017			\$ 1,320	\$ 35,100,000	\$ 3,235	
	Turk - McNeil 345 kV AEPW	12/1/2011	6/1/2017			\$ 8,754	\$ 72,750,000	\$ 18,264	
	Wichita - Viola - Rose Hill 345 kV	12/1/2011	6/1/2017		No	\$ 9,826	\$ 108,000,000	\$ 22,403	
						Total	\$ 33,083	\$ 443,445,343	\$ 72,931

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723278	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		
	Line - Comanche County - Medicine Lodge 345 kV dbl ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kV dbl ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kV dbl ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kV dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kV dbl ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbl Ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbl Ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbl ckt SUNC	10/1/2012	1/1/2015		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	XFR - Medicine Lodge 345/138 kV	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723278	Circle - Reno 345KV Dbl CKT	12/1/2011	6/1/2017		No
	Mulgren - Circle 345KV Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345KV Dbl CKT WERE	12/1/2011	6/1/2017		No
	Spearville - Mulgren 345KV Dbl CKT	12/1/2011	6/1/2017		No

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723278	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		



**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75723278	5BLEDSOE - TRUMAN 161KV CKT 1 SWPA	6/1/2013	6/1/2013			\$ 208	\$ 70,000
	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			0.06%	100.00%
	SOVERTON 161.00 - HUNTSDALE 161KV CKT 1 AECI	6/1/2013	6/1/2013			0.50%	100.00%
	SOVERTON 161.00 - HUNTSDALE 161KV CKT 1 AMRN	6/1/2013	6/1/2013			0.50%	100.00%
	SPERCHE 161.00 - HUNTSDALE 161KV CKT 1 AECI	6/1/2013	6/1/2013			100.00%	100.00%
	SPERCHE 161.00 - HUNTSDALE 161KV CKT 1 CWLD	6/1/2013	6/1/2013			100.00%	100.00%
	7OVERTON 345.00 () 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			0.06%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			0.01%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			0.01%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 4,983	\$ 15,600,000
	Brookline - Compton Ridge345 kv	12/1/2011	6/1/2017			0.01%	100.00%
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	10/1/2012	6/1/2013			\$ -	\$ -
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #2	10/1/2012	6/1/2015			\$ 3,592	\$ 4,000,000
	CLINTON - MONTROSE 161KV CKT 1 AECI	10/1/2012	6/1/2013		No	\$ -	\$ -
	Compton Ridge - Cox Creek 345 kv	12/1/2011	6/1/2017			0.02%	100.00%
	Compton Ridge - Osage Creek 345 kv	12/1/2011	6/1/2017			0.02%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017			0.01%	100.00%
	Dollet Hills - Messick 345 kv CELE	12/1/2011	6/1/2017			\$ 4,853	\$ 53,250,000
	McNeil 500/345kv	12/1/2011	6/1/2017			\$ 1,444	\$ 12,000,000
	Messick 500/345kv	12/1/2011	6/1/2017			\$ 547	\$ 6,000,000
	NORTH WARSAW 161KV - TRUMAN 161KV CKT 1 SWPA	6/1/2013	6/1/2013			\$ 266	\$ 70,000
	PLEASANT PRAIRIE2 - ZION ; R 345.00 345KV CKT 1	10/1/2013	10/1/2013			0.02%	100.00%
					Total	\$ 15,893	\$ 90,990,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
 NPPM AG2-2011-011

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements	
NPPM	75691899	NPPD	NPPD	30	10/1/2012	10/1/2022	6/1/2017	6/1/2027	\$ -	\$ -	\$ 26,910,013	\$ 63,078,548	
										\$ -	\$ -	\$ 26,910,013	\$ 63,078,548

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75691899	BROKEN BOW - ORD - NORTH LOUP 115KV CKT 1	10/1/2012	6/1/2016		Yes	\$ 7,831,492	\$ 19,600,000	\$ 17,686,713
	CANADAY - ELM CREEK 115KV CKT 1	10/1/2012	6/1/2014		Yes	\$ 1,136,022	\$ 9,187,500	\$ 2,960,144
	ELM CREEK - KEARNEY 115KV CKT 1	10/1/2012	6/1/2014		Yes	\$ 2,670,728	\$ 6,562,500	\$ 6,959,144
	Gentleman - Hooker Co - Wheeler Co 345kV	12/1/2011	6/1/2017		No	\$ 6,407,748	\$ 265,950,000	\$ 15,605,017
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2017	6/1/2017			\$ 199,911	\$ 47,871,000	\$ 528,933
	Iatan - Jeffrey Energy Center 345 kV KACP	6/1/2012	6/1/2016			\$ 44,503	\$ 15,975,000	\$ 150,069
	Iatan - Jeffrey Energy Center 345 kV WERE	6/1/2012	6/1/2016			\$ 178,012	\$ 63,900,000	\$ 512,897
	Shell Creek 345/230kV	12/1/2011	6/1/2017		No	\$ 6,000,000	\$ 6,000,000	\$ 12,696,382
	Wheeler - Shell Creek 345kV	12/1/2011	6/1/2017		No	\$ 2,311,056	\$ 81,750,000	\$ 5,628,197
	Wichita - Viola - Rose Hill 345 kV	12/1/2011	6/1/2017		No	\$ 130,541	\$ 108,000,000	\$ 351,051
Total						\$ 26,910,013	\$ 624,796,000	\$ 63,078,548

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75691899	CANADAY - LEXINGTON 115KV CKT 1	10/1/2012	6/1/2013		Yes
	Line - Comanche County - Medicine Lodge 345 kV dbl ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kV dbl ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kV dbl ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kV dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kV dbl ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbl Ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbl ckt SUNC	10/1/2012	1/1/2015		No
	XFR - Medicine Lodge 345/138 kV	10/1/2012	1/1/2015		No

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75691899	ALBION - PETERSBURG 115KV CKT 1	1/1/2013	1/1/2013		
	CLIFTON - GREENLEAF 115KV CKT 1	6/1/2011	6/1/2013		
	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	6/1/2013	6/1/2013		
	NELIGH - PETERSBURG 115KV CKT 1	1/1/2013	1/1/2013		

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
NPPM AG2-2011-022

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
NPPM	75249566	NPPD	EES	100	12/31/2011	12/31/2016	6/1/2017	6/1/2022	\$ -	\$ 7,080,000	\$ 20,677,646	\$ 45,145,239
									\$ -	\$ 7,080,000	\$ 20,677,646	\$ 45,145,239

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
75249566	CANADAY - ELM CREEK 115KV CKT 1	10/1/2012	6/1/2014			\$ 3,150,443	\$ 9,187,500	\$ 7,083,110	
	Chamber Springs - Ft Smith 345 KV AEPW	12/1/2011	6/1/2017		No	\$ 1,101,653	\$ 40,500,000	\$ 2,298,458	
	Chamber Springs - Ft Smith 345 KV OKGE	12/1/2011	6/1/2017		No	\$ 1,101,653	\$ 40,500,000	\$ 2,699,618	
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 7,209	\$ 500,000	\$ 22,852	
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 14,730	\$ 700,000	\$ 50,641	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015		Yes	\$ 49,179	\$ 2,195,343	\$ 141,208	
	Gentleman - Hooker Co - Wheeler Co 345KV	12/1/2011	6/1/2017		No	\$ 1,668,591	\$ 265,950,000	\$ 3,505,088	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015		Yes	\$ 1,307,223	\$ 45,543,680	\$ 3,153,671	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015		Yes	\$ 65,910	\$ 2,296,320	\$ 191,009	
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015		Yes	\$ 41,619	\$ 1,450,000	\$ 120,613	
	NW Texarkana - Ft Smith 345 KV AEPW	12/1/2011	6/1/2017		No	\$ 3,388,133	\$ 140,400,000	\$ 7,068,906	
	NW Texarkana - Ft Smith 345 KV OKGE	12/1/2011	6/1/2017		No	\$ 847,033	\$ 35,100,000	\$ 2,075,668	
	SHELDON - SW7TH & PLEASANT HILL 115KV CKT 2 LES	6/1/2013	6/1/2014		Yes	\$ 3,386,651	\$ 8,437,500	\$ 6,911,547	
	SHELDON - SW7TH & PLEASANT HILL 115KV CKT 2 NPPD	6/1/2013	6/1/2014		Yes	\$ 121,919	\$ 303,750	\$ 270,773	
	Turk - McNeil 345 KV AEPW	12/1/2011	6/1/2017		No	\$ 1,891,675	\$ 72,750,000	\$ 3,946,738	
	Wheeler - Shell Creek 345KV	12/1/2011	6/1/2017		No	\$ 959,816	\$ 81,750,000	\$ 2,016,216	
	Wichita - Viola - Rose Hill 345 kv	12/1/2011	6/1/2017		No	\$ 1,574,209	\$ 108,000,000	\$ 3,589,124	
						Total	\$ 20,677,646	\$ 855,564,093	\$ 45,145,239

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75249566	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	10/1/2012	1/1/2015		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	TUCO - WOODWARD 345 KV CKT 1 OKGE	10/1/2012	6/1/2014		No
	TUCO - WOODWARD 345 KV CKT 1 SPS	6/1/2014	6/1/2014		
	XFR - Medicine Lodge 345/138 kv	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75249566	Circle - Reno 345KV Dbl CKT	12/1/2011	6/1/2017		No
	Mulgren - Circle 345KV Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345KV Dbl CKT WERE	12/1/2011	6/1/2017		No
	Spearville - Mulgren 345KV Dbl CKT	12/1/2011	6/1/2017		No

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75249566	CLIFTON - GREENLEAF 115KV CKT 1	6/1/2011	6/1/2013		
	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	6/1/2013	6/1/2013		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	MCNAB REC - TURK 115KV CKT 1	7/1/2012	7/1/2012		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75249566	Shell Creek 345/230KV	12/1/2011	6/1/2017	6/1/2017	Yes

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75249566	4VATCAN - SCOTT 138KV CKT 1 LAGN	10/1/2013	10/1/2013			22.09%	100.00%
	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			3.16%	100.00%
	6AIRLINE 230.00 - SVIGNES 230KV CKT 1 LAGN	12/31/2011	12/31/2011			22.12%	100.00%
	6AIRLINE 230.00 - SORRENTO 230KV CKT 1	12/31/2011	12/31/2011			22.12%	100.00%
	6CAJUN1 - ADDIS 230KV CKT 1 LAGN	10/1/2013	10/1/2013			22.21%	100.00%
	6VIGNES - COLY 230KV CKT 1 EES	10/1/2013	10/1/2013			22.12%	100.00%
	6VIGNES - COLY 230KV CKT 1 LAGN	10/1/2013	10/1/2013			22.12%	100.00%
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			3.00%	100.00%
	AAC CORP - LICAR 230KV CKT 1	12/31/2011	12/31/2011			22.12%	100.00%
	AAC CORP - POLSCAR 230KV CKT 1	12/31/2011	12/31/2011			22.12%	100.00%
	ALCHEM - MONOCHEM 1 138KV CKT 1	6/1/2012	6/1/2012			22.13%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			2.38%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			2.19%	100.00%
	BELLE HELENE - LICAR 230KV CKT 1	12/31/2011	12/31/2011			22.12%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 204,869	\$ 15,600,000
	Brookline - Compton Ridge 345 kv	12/1/2011	6/1/2017		No	2.65%	100.00%
	CLINTON - MONTROSE 161KV CKT 1 AECI	10/1/2012	6/1/2013		No	\$ -	\$ -
	COCODRIE 230/138KV TRANSFORMER CKT 1	6/1/2013	6/1/2013			\$ -	\$ -
	Compton Ridge - Cox Creek 345 kv	12/1/2011	6/1/2017		No	1.27%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017		No	2.67%	100.00%
	Compton Ridge 345/161 kv Transformer	12/1/2011	6/1/2017		No	1.89%	100.00%
	COUGHLIN - PLAISANCE 138KV CKT 1	6/1/2013	6/1/2013			22.12%	100.00%
	CYPRESS 500/138KV TRANSFORMER CKT 1	12/31/2011	12/31/2011			28.41%	100.00%
	DELMONT - ESSO 230KV CKT 1	6/1/2013	6/1/2013			22.02%	100.00%
	Dolet Hills - Messick 345 kv CELE	12/1/2011	6/1/2017		No	\$ 2,041,343	\$ 53,250,000
	ELDORADO PARNELL ROAD - WYATT SS 115KV CKT 1	10/1/2012	10/1/2012			21.74%	100.00%
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2013	6/1/2015			\$ 289,941	\$ 8,000,000
	GRIMES - MT. ZION 138KV CKT 1	12/31/2011	12/31/2011			14.75%	100.00%
	HARTBURG - INLAND-ORANGE 230KV CKT 1	12/31/2011	12/31/2011			21.03%	100.00%
	HARTBURG - MESSICK 500.00 500KV CKT 1	10/1/2017	10/1/2017			6.85%	100.00%
	HARTBURG - MOUNT OLIVE 500KV CKT 1	12/31/2011	12/31/2011			19.82%	100.00%
	HARTBURG 500/230KV TRANSFORMER CKT 1	12/31/2011	12/31/2011			21.03%	100.00%
	HUNTSVILLE - LINE 558 TAP 138KV CKT 1	12/31/2011	12/31/2011			14.75%	100.00%
	JASPER - SAM RAYBURN 4 138KV CKT 1	12/31/2011	12/31/2011			22.35%	100.00%
	LEACH - TOLEDO BEND 138KV CKT 1	12/31/2011	12/31/2011			14.49%	100.00%
	LIBERTY TAP - SALLISAW 161KV CKT 1 AECI	6/1/2013	6/1/2015		Yes	\$ 172,637	\$ 6,500,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015		Yes	\$ 167,951	\$ 6,500,000
	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECI	6/1/2013	6/1/2013			2.66%	100.00%
	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	\$ 159,357	\$ 6,000,000
	LINE 558 TAP - MT. ZION 138KV CKT 1	12/31/2011	12/31/2011			14.75%	100.00%
	LITTLE GYPSY - WATERFORD 230KV CKT 1	10/1/2013	10/1/2013			20.31%	100.00%
	MARSHALL - MOSSVILLE 138KV CKT 1	10/1/2012	10/1/2012			22.36%	100.00%
	MCADAMS 500/230KV TRANSFORMER CKT 1	6/1/2012	6/1/2012			29.52%	100.00%
	McNeil 500/345kv	12/1/2011	6/1/2017		No	\$ 312,029	\$ 12,000,000
	Messick 500/230kv	12/1/2011	6/1/2017		No	\$ 261,422	\$ 6,000,000
	Messick 500/345kv	12/1/2011	6/1/2017		No	\$ 230,010	\$ 6,000,000
	MOSSVILLE - NELSON 138KV CKT 1	10/1/2012	10/1/2012			22.36%	100.00%
	PLEASANT PRAIRIE2 - ZION ; R 345.00 345KV CKT 1	10/1/2013	10/1/2013			3.70%	100.00%
	RAPIDES - RODEMACHER 230KV CKT 1	6/1/2013	6/1/2013			12.97%	100.00%
	VULCHLOR - WOODSTOCK 230KV CKT 1	10/1/2013	10/1/2013			22.12%	100.00%
	WILLOW GLEN 500/138KV TRANSFORMER CKT 1	6/1/2013	6/1/2013			22.02%	100.00%
	WILLOW GLEN 500/230KV TRANSFORMER CKT 1	6/1/2012	6/1/2012			22.02%	100.00%
					Total	\$ 3,839,559	\$ 119,850,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
NPPM AG2-2011-023

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
NPPM	75536556	NPPD	EES	100	1/1/2012	1/1/2017	6/1/2017	6/1/2022	\$ -	\$ 7,080,000	\$ 20,677,646	\$ 45,145,239
									\$ -	\$ 7,080,000	\$ 20,677,646	\$ 45,145,239

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
75536556	CANADAY - ELM CREEK 115KV CKT 1	10/1/2012	6/1/2014			\$ 3,150,443	\$ 9,187,500	\$ 7,083,110	
	Chamber Springs - Ft Smith 345 KV AEPW	12/1/2011	6/1/2017		No	\$ 1,101,653	\$ 40,500,000	\$ 2,298,458	
	Chamber Springs - Ft Smith 345 KV OKGE	12/1/2011	6/1/2017		No	\$ 1,101,653	\$ 40,500,000	\$ 2,699,618	
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 7,209	\$ 500,000	\$ 22,852	
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 14,730	\$ 700,000	\$ 50,641	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015		Yes	\$ 49,179	\$ 2,195,343	\$ 141,208	
	Gentleman - Hooker Co - Wheeler Co 345KV	12/1/2011	6/1/2017		No	\$ 1,668,591	\$ 265,950,000	\$ 3,505,088	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015		Yes	\$ 1,307,223	\$ 45,543,680	\$ 3,153,671	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015		Yes	\$ 65,910	\$ 2,296,320	\$ 191,009	
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015		Yes	\$ 41,619	\$ 1,450,000	\$ 120,613	
	NW Texarkana - Ft Smith 345 KV AEPW	12/1/2011	6/1/2017		No	\$ 3,388,133	\$ 140,400,000	\$ 7,068,906	
	NW Texarkana - Ft Smith 345 KV OKGE	12/1/2011	6/1/2017		No	\$ 847,033	\$ 35,100,000	\$ 2,075,668	
	SHELDON - SW7TH & PLEASANT HILL 115KV CKT 2 LES	6/1/2013	6/1/2014		Yes	\$ 3,386,651	\$ 8,437,500	\$ 6,911,547	
	SHELDON - SW7TH & PLEASANT HILL 115KV CKT 2 NPPD	6/1/2013	6/1/2014		Yes	\$ 121,919	\$ 303,750	\$ 270,773	
	Turk - McNeil 345 KV AEPW	12/1/2011	6/1/2017		No	\$ 1,891,675	\$ 72,750,000	\$ 3,946,738	
	Wheeler - Shell Creek 345KV	12/1/2011	6/1/2017		No	\$ 959,816	\$ 81,750,000	\$ 2,016,216	
	Wichita - Viola - Rose Hill 345 kv	12/1/2011	6/1/2017		No	\$ 1,574,209	\$ 108,000,000	\$ 3,589,124	
						Total	\$ 20,677,646	\$ 855,564,093	\$ 45,145,239

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75536556	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	10/1/2012	1/1/2015		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	TUCO - WOODWARD 345 KV CKT 1 OKGE	10/1/2012	6/1/2014		No
	TUCO - WOODWARD 345 KV CKT 1 SPS	6/1/2014	6/1/2014		No
	XFR - Medicine Lodge 345/138 kv	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75536556	Circle - Reno 345KV Dbl CKT	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kv Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kv Dbl CKT WERE	12/1/2011	6/1/2017		No
	Spearville - Mulgren 345KV Dbl CKT	12/1/2011	6/1/2017		No

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75536556	CLIFTON - GREENLEAF 115KV CKT 1	6/1/2011	6/1/2013		
	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	6/1/2013	6/1/2013		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	MCNAB REC - TURK 115KV CKT 1	7/1/2012	7/1/2012		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75536556	Shell Creek 345/230KV	12/1/2011	6/1/2017	6/1/2017	Yes

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75536556	4VATCAN - SCOTT 138KV CKT 1 LAGN	10/1/2013	10/1/2013			22.09%	100.00%
	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			3.16%	100.00%
	6AIRLINE 230.00 - SVIGNES 230KV CKT 1 LAGN	12/31/2011	12/31/2011			22.12%	100.00%
	6AIRLINE 230.00 - SORRENTO 230KV CKT 1	12/31/2011	12/31/2011			22.12%	100.00%
	6CAJUN1 - ADDIS 230KV CKT 1 LAGN	10/1/2013	10/1/2013			22.21%	100.00%
	6VIGNES - COLY 230KV CKT 1 EES	10/1/2013	10/1/2013			22.12%	100.00%
	6VIGNES - COLY 230KV CKT 1 LAGN	10/1/2013	10/1/2013			22.12%	100.00%
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			3.00%	100.00%
	AAC CORP - LICAR 230KV CKT 1	12/31/2011	12/31/2011			22.12%	100.00%
	AAC CORP - POLSCAR 230KV CKT 1	12/31/2011	12/31/2011			22.12%	100.00%
	ALCHEM - MONOCHEM 1 138KV CKT 1	6/1/2012	6/1/2012			22.13%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			2.38%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			2.19%	100.00%
	BELLE HELENE - LICAR 230KV CKT 1	12/31/2011	12/31/2011			22.12%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 204,869	\$ 15,600,000
	Brookline - Compton Ridge 345 kv	12/1/2011	6/1/2017		No	2.65%	100.00%
	CLINTON - MONTROSE 161KV CKT 1 AECI	10/1/2012	6/1/2013		No	\$ -	\$ -
	COCODRIE 230/138KV TRANSFORMER CKT 1	6/1/2013	6/1/2013			\$ -	\$ -
	Compton Ridge - Cox Creek 345 kv	12/1/2011	6/1/2017		No	1.27%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017		No	2.67%	100.00%
	Compton Ridge 345/161 kv Transformer	12/1/2011	6/1/2017		No	1.89%	100.00%
	COUGHLIN - PLAISANCE 138KV CKT 1	6/1/2013	6/1/2013			22.12%	100.00%
	CYPRESS 500/138KV TRANSFORMER CKT 1	12/31/2011	12/31/2011			28.41%	100.00%
	DELMONT - ESSO 230KV CKT 1	6/1/2013	6/1/2013			22.02%	100.00%
	Dolet Hills - Messick 345 kv CELE	12/1/2011	6/1/2017		No	\$ 2,041,343	\$ 53,250,000
	ELDORADO PARNELL ROAD - WYATT SS 115KV CKT 1	10/1/2012	10/1/2012			21.74%	100.00%
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2013	6/1/2015			\$ 289,941	\$ 8,000,000
	GRIMES - MT. ZION 138KV CKT 1	12/31/2011	12/31/2011			14.75%	100.00%
	HARTBURG - INLAND-ORANGE 230KV CKT 1	12/31/2011	12/31/2011			21.03%	100.00%
	HARTBURG - MESSICK 500.00 500KV CKT 1	10/1/2017	10/1/2017			6.85%	100.00%
	HARTBURG - MOUNT OLIVE 500KV CKT 1	12/31/2011	12/31/2011			19.82%	100.00%
	HARTBURG 500/230KV TRANSFORMER CKT 1	12/31/2011	12/31/2011			21.03%	100.00%
	HUNTSVILLE - LINE 558 TAP 138KV CKT 1	12/31/2011	12/31/2011			14.75%	100.00%
	JASPER - SAM RAYBURN 4 138KV CKT 1	12/31/2011	12/31/2011			22.35%	100.00%
	LEACH - TOLEDO BEND 138KV CKT 1	12/31/2011	12/31/2011			14.49%	100.00%
	LIBERTY TAP - SALLISAW 161KV CKT 1 AECI	6/1/2013	6/1/2015		Yes	\$ 172,637	\$ 6,500,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015		Yes	\$ 167,951	\$ 6,500,000
	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECI	6/1/2013	6/1/2013			2.66%	100.00%
	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	\$ 159,357	\$ 6,000,000
	LINE 558 TAP - MT. ZION 138KV CKT 1	12/31/2011	12/31/2011			14.75%	100.00%
	LITTLE GYPSY - WATERFORD 230KV CKT 1	10/1/2013	10/1/2013			20.31%	100.00%
	MARSHALL - MOSSVILLE 138KV CKT 1	10/1/2012	10/1/2012			22.36%	100.00%
	MCADAMS 500/230KV TRANSFORMER CKT 1	6/1/2012	6/1/2012			29.52%	100.00%
	McNeil 500/345kv	12/1/2011	6/1/2017		No	\$ 312,029	\$ 12,000,000
	Messick 500/230kv	12/1/2011	6/1/2017		No	\$ 261,422	\$ 6,000,000
Messick 500/345kv	12/1/2011	6/1/2017		No	\$ 230,010	\$ 6,000,000	
MOSSVILLE - NELSON 138KV CKT 1	10/1/2012	10/1/2012			22.36%	100.00%	
PLEASANT PRAIRIE2 - ZION ; R 345.00 345KV CKT 1	10/1/2013	10/1/2013			3.70%	100.00%	
RAPIDES - RODEMACHER 230KV CKT 1	6/1/2013	6/1/2013			12.97%	100.00%	
VULCHLOR - WOODSTOCK 230KV CKT 1	10/1/2013	10/1/2013			22.12%	100.00%	
WILLOW GLEN 500/138KV TRANSFORMER CKT 1	6/1/2013	6/1/2013			22.02%	100.00%	
WILLOW GLEN 500/230KV TRANSFORMER CKT 1	6/1/2012	6/1/2012			22.02%	100.00%	
				Total	\$ 3,839,559	\$ 119,850,000	

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
OPPM AG2-2011-002

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
OPPM	75681681	NPPD	OPPD	45	10/1/2012	10/1/2022	6/1/2017	6/1/2027	\$ 8,100,000	\$ -	\$ 38,252,410	\$ 78,927,040
									\$ 8,100,000	\$ -	\$ 38,252,410	\$ 78,927,040

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Base Plan Funding for Wind	Directly Assigned for Wind	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75681681	BROKEN BOW - ORD - NORTH LOUP 115KV CKT 1	10/1/2012	6/1/2016		Yes	\$ 2,916,885	\$ 8,851,623	\$ 11,768,508	\$ 19,600,000	\$ 26,578,104
	CANADAY - ELM CREEK 115KV CKT 1	10/1/2012	6/1/2014		Yes	\$ 410,301	\$ 1,245,104	\$ 1,655,405	\$ 9,187,500	\$ 4,313,506
	ELM CREEK - KEARNEY 115KV CKT 1	10/1/2012	6/1/2014		Yes	\$ 964,596	\$ 2,927,176	\$ 3,891,772	\$ 6,562,500	\$ 10,140,831
	Gentleman - Hooker Co - Wheeler Co 345kV	12/1/2011	6/1/2017		No	\$ 2,497,747	\$ 7,579,702	\$ 10,077,449	\$ 265,950,000	\$ 24,541,970
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2017	6/1/2017			\$ 79,474	\$ 241,175	\$ 320,649	\$ 47,871,000	\$ 848,387
	Iatan - Jeffrey Energy Center 345 kv KACP	6/1/2012	6/1/2016		No	\$ 30,599	\$ 92,858	\$ 123,457	\$ 15,975,000	\$ 416,312
	Iatan - Jeffrey Energy Center 345 kv WERE	6/1/2012	6/1/2016		No	\$ 122,397	\$ 371,429	\$ 493,826	\$ 63,900,000	\$ 1,422,836
	Wheeler - Shell Creek 345kV	12/1/2011	6/1/2017		No	\$ 1,006,680	\$ 3,054,885	\$ 4,061,565	\$ 81,750,000	\$ 9,891,274
	Wichita - Viola - Rose Hill 345 kv	12/1/2011	6/1/2017			\$ 71,321	\$ 216,430	\$ 287,751	\$ 108,000,000	\$ 773,821
	<b>Total</b>					\$ 8,100,000	\$ 24,580,382	\$ 32,680,382	\$ 618,796,000	\$ 78,927,040

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75681681	CANADAY - LEXINGTON 115KV CKT 1	10/1/2012	6/1/2013		Yes
	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	10/1/2012	1/1/2015		No
	TUCO - WOODWARD 345 KV CKT 1 OKGE	10/1/2012	6/1/2014		No
	TUCO - WOODWARD 345 KV CKT 1 SPS	6/1/2014	6/1/2014		
	XFR - Medicine Lodge 345/138 kv	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75681681	Circle - Reno 345kV Dbl CKT	12/1/2011	6/1/2017		
	Mulgren - Circle 345kV Dbl CKT MKEC	12/1/2011	6/1/2017		
	Mulgren - Circle 345kV Dbl CKT WERE	12/1/2011	6/1/2017		
	Spearville - Mulgren 345kV Dbl CKT	12/1/2011	6/1/2017		

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75681681	ALBION - PETERSBURG 115KV CKT 1	1/1/2013	1/1/2013		
	NELIGH - PETERSBURG 115KV CKT 1	1/1/2013	1/1/2013		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75681681	Shell Creek 345/230kV	12/1/2011	6/1/2017	6/1/2017	Yes

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
PEC AG2-2011-019

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
PEC	75683423	GRDA	WFEC	130	6/1/2012	6/1/2017	6/1/2017	6/1/2022	\$ 10,081,669	\$ -	\$ 10,081,669	\$ 21,026,493
									\$ 10,081,669	\$ -	\$ 10,081,669	\$ 21,026,493

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75683423	ADA INDUSTRIAL - PARKLN 2 69KV CKT 1	6/1/2017	6/1/2017			\$ 350,000	\$ 350,000	\$ 647,345
	ADA OC PUMP - ADA OC PUMP TAP 69KV CKT 1	6/1/2017	6/1/2017			\$ 2,296,000	\$ 2,296,000	\$ 4,246,585
	AHLOSO TAP - PARKLN 2 69KV CKT 1	6/1/2017	6/1/2017			\$ 350,000	\$ 350,000	\$ 647,345
	Chamber Springs - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		Yes	\$ 1,124,422	\$ 40,500,000	\$ 2,345,963
	Chamber Springs - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		Yes	\$ 1,124,422	\$ 40,500,000	\$ 2,755,414
	CLEO CORNER 138KV	6/1/2013	6/1/2014			\$ 2,266	\$ 500,000	\$ 7,183
	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 69,495	\$ 915,000	\$ 144,992
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 235,010	\$ 3,300,000	\$ 471,305
	NW Texarkana - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		Yes	\$ 3,394,071	\$ 140,400,000	\$ 7,081,295
	NW Texarkana - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		Yes	\$ 848,518	\$ 35,100,000	\$ 2,079,307
	Turk - McNeil 345 kv AEPW	12/1/2011	6/1/2017		Yes	\$ 287,465	\$ 72,750,000	\$ 599,759
Total						\$ 10,081,669	\$ 336,961,000	\$ 21,026,493

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75683423	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	10/1/2012	1/1/2015		No
	TUCO - WOODWARD 345 kv CKT 1 OKGE	10/1/2012	6/1/2014		No
	TUCO - WOODWARD 345 kv CKT 1 SPS	6/1/2014	6/1/2014		
	XFR - Medicine Lodge 345/138 kv	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75683423	Circle - Reno 345kv Dbl CKT	12/1/2011	6/1/2017		No
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 OKGE	6/1/2012	6/1/2012	1/1/2012	
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 WFEC	6/1/2012	6/1/2012	1/1/2012	
	Mulgren - Circle 345kv Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kv Dbl CKT WERE	12/1/2011	6/1/2017		No
	NORTHWEST 345/138/13.8KV TRANSFORMER CKT 3 Accelerated	6/1/2013	6/1/2015		Yes
	Spearville - Mulgren 345kv Dbl CKT	12/1/2011	6/1/2017		No



**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75683423	ALTUS SW - NAVAJO 69KV CKT 1	6/1/2013	6/1/2013		
	ALUMAX TAP - BANN 138KV CKT 1	6/1/2008	6/1/2008		
	ASHDOWN REC (MILLWOOD) - OKAY 138KV CKT 1	7/1/2012	7/1/2012		
	ASHDOWN REC (MILLWOOD) - PATTERSON 138KV CKT 1	7/1/2012	7/1/2012		
	BANN - RED SPRINGS REC 138KV CKT 1	7/1/2012	7/1/2012		
	BELINE - EXPLORER GLENPOOL 138KV CKT 1	6/1/2009	6/1/2009		
	CANTON - TALOGA 69KV CKT 1	6/1/2011	6/1/2013		
	CHERRY6 230.00 - Harrington Station East Bus 230KV CKT 1	6/1/2015	6/1/2015		
	Circle - Reno 345kv Dbl CKT	6/1/2017	6/1/2017		
	CLIFTON - GREENLEAF 115KV CKT 1	6/1/2011	6/1/2013		
	DEARING 138KV Capacitor	6/1/2012	6/1/2012		
	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW	6/1/2009	6/1/2009		
	FLATRDG3 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2009	6/1/2013		
	FLATRDG3 138.00 - HARPER 138KV CKT 1	12/1/2009	6/1/2013		
	FT RANDAL - MADISONCO 230.00 230KV CKT 1	11/1/2014	11/1/2014		
	FT SUPPLY 138/69KV TRANSFORMER CKT 1	12/1/2006	6/1/2008		
	APACHE CO SUBT 138.00 - PARADISE 138KV CKT 1	6/1/2010	6/1/2013		
	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	6/1/2013	6/1/2013		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	HUGO POWER PLANT 345/138KV TRANSFORMER CKT 1	7/1/2012	7/1/2012		
	KELLY - MADISONCO 230.00 230KV CKT 1	11/1/2014	11/1/2014		
	KNOBHILL (KNOBHILL) 138/69/13.2KV TRANSFORMER CKT 1	6/1/2006	6/1/2008		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	MCNAB REC - TURK 115KV CKT 1	7/1/2012	7/1/2012		
	MEDICINE LODGE - SAWYER 115KV CKT 1	12/1/2009	6/1/2013		
	Mulgren - Circle 345kv Dbl CKT MKEC	6/1/2017	6/1/2017		
	Mulgren - Circle 345kv Dbl CKT WERE	6/1/2017	6/1/2017		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	OKAY - TURK 138KV CKT 1	7/1/2012	7/1/2012		
	SAWYER - PRATT 115KV CKT 1	12/1/2009	6/1/2013		
	SE TEXARKANA - TURK 138KV CKT 1	7/1/2012	7/1/2012		
	Spearville - Mulgren 345kv Dbl CKT	6/1/2017	6/1/2017		
	SUB 110 - ORONOGO JCT. - SUB 167 - RIVERTON 161KV CKT 1	6/1/2011	6/1/2011		
	SUGAR HILL - TURK 138KV CKT 1	7/1/2012	7/1/2012		
	TALOGA (TALOGA) 138/69/13.8KV TRANSFORMER CKT 1	10/1/2010	6/1/2013		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD - IODINE 138KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD - WOODWARD EHV 138KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD - WOODWARD EHV 138KV CKT 2	1/1/2010	1/1/2010		
	WOODWARD 345/138KV TRANSFORMER CKT 1	1/1/2010	1/1/2010		

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75683423	Wichita - Viola - Rose Hill 345 kV	12/1/2011	6/1/2017	6/1/2017	Yes

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75683423	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 84,661	\$ 15,600,000
	Compton Ridge – Cox Creek 345 kV	12/1/2011	6/1/2017		Yes	1.62%	100.00%
	Compton Ridge – Osage Creek 345 kV	12/1/2011	6/1/2017		Yes	4.77%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017		Yes	1.50%	100.00%
	Compton Ridge 345/161 kV Transformer	12/1/2011	6/1/2017		Yes	4.66%	100.00%
	Dolet Hills - Messick 345 kV CELE	12/1/2011	6/1/2017		Yes	\$ 160,530	\$ 53,250,000
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 613,892	\$ 8,000,000
	GRAY TAP - PENSACOLA 69KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 1,980,000	\$ 1,980,000
	GRAY TAP - ZENA TAP 69KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 3,645,000	\$ 3,645,000
	JAY - ZENA TAP 69KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 2,925,000	\$ 2,925,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015		Yes	\$ 114,677	\$ 6,500,000
	McNeil 500/345kV	12/1/2011	6/1/2017		Yes	\$ 47,417	\$ 12,000,000
	Messick 500/230kV	12/1/2011	6/1/2017		Yes	\$ 38,899	\$ 6,000,000
	Messick 500/345kV	12/1/2011	6/1/2017		Yes	\$ 18,088	\$ 6,000,000
					Total	\$ 9,628,164	\$ 115,900,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
SPSM AG2-2011-027

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
SPSM	75711595	SPS	SPS	30	6/1/2012	6/1/2016	6/1/2017	6/1/2021	\$ -	\$ -	\$ 277,034	\$ 627,083
										\$ -	\$ 277,034	\$ 627,083

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
75711595	CANYON EAST SUB - RANDALL COUNTY INTERCHANGE 115KV CKT 1 Accelerate	6/1/2012	6/1/2014		Yes	\$ 217,954	\$ 2,561,127	\$ 492,038	
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 2,152	\$ 500,000	\$ 6,528	
	Line - Osage Station and Line Re-termination Accelerate	6/1/2012	6/1/2014		Yes	\$ 18,186	\$ 213,700	\$ 41,056	
	Line - Randall - South Georga 115KV reconductor Accelerate	6/1/2012	6/1/2014		Yes	\$ 38,742	\$ 455,244	\$ 87,461	
						Total	\$ 277,034	\$ 3,730,071	\$ 627,083

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75711595	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	10/1/2012	1/1/2015		No
	TUCO - WOODWARD 345 KV CKT 1 OKGE	10/1/2012	6/1/2014		Yes
	TUCO - WOODWARD 345 KV CKT 1 SPS	6/1/2014	6/1/2014		
	XFR - Medicine Lodge 345/138 kv	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75711595	DEAF SMITH COUNTY INTERCHANGE (GE M101353) 230/115/13.2KV TRANSFORMER CKT 1	6/1/2012	6/1/2013		Yes
	SWISHER COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 1	6/1/2013	6/1/2014		Yes

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75711595	Circle - Reno 345KV Dbl CKT	12/1/2011	6/1/2017		No
	Cunningham-Hobbs 230KV	6/1/2013	6/1/2015		
	HOBBS INTERCHANGE 230/115KV TRANSFORMER CKT 2	6/1/2013	6/1/2015		
	LE-Lovington-Hobbs 115kv	6/1/2013	6/1/2015		
	Midland - Hobbs 345kv conversion	6/1/2013	6/1/2015		
	Mulgren - Circle 345kv Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kv Dbl CKT WERE	12/1/2011	6/1/2017		No
	Spearville - Mulgren 345KV Dbl CKT	12/1/2011	6/1/2017		No
	Yoakum-Hobbs 230KV	6/1/2013	6/1/2015		

Planned Projects

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75711595	KRESS INTERCHANGE - RANDALL COUNTY INTERCHANGE 115KV CKT 1	10/1/2012	10/1/2012		

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75711595	CHERRYG 230.00 - Harrington Station East Bus 230KV CKT 1	6/1/2015	6/1/2015		
	Cunningham-Hobbs 230KV	6/1/2015	6/1/2015		
	Midland - Hobbs 345kv conversion	6/1/2015	6/1/2015		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	Yoakum-Hobbs 230KV	6/1/2015	6/1/2015		

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75711595	Gentleman - Hooker Co - Wheeler Co 345kV	12/1/2011	6/1/2017	6/1/2017	Yes
	Shell Creek 345/230kV	12/1/2011	6/1/2017	6/1/2017	Yes
	Wheeler - Shell Creek 345kV	12/1/2011	6/1/2017	6/1/2017	Yes
	Wichita - Viola - Rose Hill 345 kV	12/1/2011	6/1/2017	6/1/2017	Yes

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
SPSM AG2-2011-028

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
SPSM	75711749	CSWS	SPS	100	6/1/2013	6/1/2014	6/1/2015	6/1/2016	\$ -	\$ -	\$ -	\$ -
										\$ -	\$ -	

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75711749	None					\$ -	\$ -	\$ -
<b>Total</b>						<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75711749	Line - Comanche County - Medicine Lodge 345 kV dbi ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kV dbi ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kV dbi ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kV dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kV dbi ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbi Ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbi Ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbi ckt SUNC	10/1/2012	1/1/2015		No
	TUCO - WOODWARD 345 kV CKT 1 OKGE	10/1/2012	6/1/2014		No
	TUCO - WOODWARD 345 kV CKT 1 SPS	6/1/2014	6/1/2014		
	XFR - Medicine Lodge 345/138 kV	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75711749	GRAY CO SUB 1-Judson LRG 115kV CKT 2	12/1/2011	6/1/2015		Yes
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 OKGE	6/1/2012	6/1/2012	1/1/2012	
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 WFEC	6/1/2012	6/1/2012	1/1/2012	
	Judson Large - North Judson Large 115KV CKT 2	12/1/2011	6/1/2015		Yes
	North Judson Large - Spearville 115KV CKT 2	12/1/2011	6/1/2015		Yes
	Spearville 345/115/13.8kV Transformer CKT 3	12/1/2011	6/1/2015		Yes

Planned Projects

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75711749	KRESS INTERCHANGE - RANDALL COUNTY INTERCHANGE 115KV CKT 1	10/1/2012	10/1/2012		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75711749	CANYON EAST SUB - RANDALL COUNTY INTERCHANGE 115KV CKT 1 Accelerate	6/1/2012	6/1/2014	6/1/2014	Yes
	CIMARRON RIVER PLANT - GRAY CO SUB 1T 115KV CKT 1	12/1/2011	6/1/2015	6/1/2015	Yes
	Line - Osage Station and Line Re-termination Accelerate	6/1/2012	6/1/2014	6/1/2014	Yes
	Line - Randall - South Georgia 115KV reconductor Accelerate	6/1/2012	6/1/2014	6/1/2014	Yes

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
SPSM AG2-2011-029

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
SPSM	75722761	SPS	SPS	150	6/1/2013	6/1/2023	6/1/2015	6/1/2025	\$ 1,371,871	\$ -	\$ 1,371,871	\$ 2,806,757
									\$ 1,371,871	\$ -	\$ 1,371,871	\$ 2,806,757

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75722761	CANYON EAST SUB - RANDALL COUNTY INTERCHANGE 115KV CKT 1 Accelerate	6/1/2012	6/1/2014			\$ 1,087,758	\$ 2,561,127	\$ 2,225,480
	Line - Osage Station and Line Re-termination Accelerate	6/1/2012	6/1/2014			\$ 90,762	\$ 213,700	\$ 185,693
	Line - Randall - South Georgia 115KV reconductor Accelerate	6/1/2012	6/1/2014			\$ 193,351	\$ 455,244	\$ 395,583
	OXY PERMIAN SUB - SANGER SWITCHING STATION 115KV CKT 1 Accelerate	6/1/2013	6/1/2014		Yes	\$ -	\$ -	\$ -
	<b>Total</b>					\$ 1,371,871	\$ 3,230,071	\$ 2,806,757

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722761	WOLFFORTH INTERCHANGE - YUMA INTERCHANGE 115KV CKT 1	6/1/2013	6/1/2013		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722761	PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1	6/1/2013	6/1/2015		Yes

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722761	Cunningham-Hobbs 230KV	6/1/2013	6/1/2015		Yes
	HOBBS INTERCHANGE 230/115KV TRANSFORMER CKT 2	6/1/2013	6/1/2015		Yes
	LE-Lovington-Hobbs 115kV	6/1/2013	6/1/2015		Yes
	Midland - Hobbs 345kV conversion	6/1/2013	6/1/2015		Yes
	Yoakum-Hobbs 230KV	6/1/2013	6/1/2015		Yes

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722761	CHERRY6 230.00 - Harrington Station East Bus 230KV CKT 1	6/1/2015	6/1/2015		
	Cunningham-Hobbs 230KV	6/1/2015	6/1/2015		
	HOBBS INTERCHANGE 230/115KV TRANSFORMER CKT 2	6/1/2015	6/1/2015		
	LE-Lovington-Hobbs 115kV	6/1/2015	6/1/2015		
	Midland - Hobbs 345kV conversion	6/1/2015	6/1/2015		
	Yoakum-Hobbs 230KV	6/1/2015	6/1/2015		

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
SPSM AG2-2011-030

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
SPSM	75722764	SPS	SPS	150	6/1/2013	6/1/2023	6/1/2015	6/1/2025	\$ 1,371,871	\$ -	\$ 1,371,871	\$ 2,806,757
									\$ 1,371,871	\$ -	\$ 1,371,871	\$ 2,806,757

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
75722764	CANYON EAST SUB - RANDALL COUNTY INTERCHANGE 115KV CKT 1 Accelerate	6/1/2012	6/1/2014			\$ 1,087,758	\$ 2,561,127	\$ 2,225,480	
	Line - Osage Station and Line Re-termination Accelerate	6/1/2012	6/1/2014			\$ 90,762	\$ 213,700	\$ 185,693	
	Line - Randall - South Georgia 115KV reconductor Accelerate	6/1/2012	6/1/2014			\$ 193,351	\$ 455,244	\$ 395,583	
	OXY PERMIAN SUB - SANGER SWITCHING STATION 115KV CKT 1 Accelerate	6/1/2013	6/1/2014		Yes	\$ -	\$ -	\$ -	
						Total	\$ 1,371,871	\$ 3,230,071	\$ 2,806,757

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722764	WOLFFORTH INTERCHANGE - YUMA INTERCHANGE 115KV CKT 1	6/1/2013	6/1/2013		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722764	PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1	6/1/2013	6/1/2015		Yes

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722764	Cunningham-Hobbs 230KV	6/1/2013	6/1/2015		Yes
	HOBBS INTERCHANGE 230/115KV TRANSFORMER CKT 2	6/1/2013	6/1/2015		Yes
	LE-Lovington-Hobbs 115kV	6/1/2013	6/1/2015		Yes
	Midland - Hobbs 345kV conversion	6/1/2013	6/1/2015		Yes
	Yoakum-Hobbs 230KV	6/1/2013	6/1/2015		Yes

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75722764	CHERRY6 230.00 - Harrington Station East Bus 230KV CKT 1	6/1/2015	6/1/2015		
	Cunningham-Hobbs 230KV	6/1/2015	6/1/2015		
	HOBBS INTERCHANGE 230/115KV TRANSFORMER CKT 2	6/1/2015	6/1/2015		
	LE-Lovington-Hobbs 115kV	6/1/2015	6/1/2015		
	Midland - Hobbs 345kV conversion	6/1/2015	6/1/2015		
	Yoakum-Hobbs 230KV	6/1/2015	6/1/2015		

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
SPSM AG2-2011-031

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
SPSM	75723068	SPS	SPS	23	6/1/2013	6/1/2033	6/1/2015	6/1/2035	\$ 211,447	\$ -	\$ 211,447	\$ 595,720
									\$ 211,447	\$ -	\$ 211,447	\$ 595,720

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75723068	CANYON EAST SUB - RANDALL COUNTY INTERCHANGE 115KV CKT 1 Accelerate	6/1/2012	6/1/2014			\$ 167,657	\$ 2,561,127	\$ 472,349
	Line - Osage Station and Line Re-termination Accelerate	6/1/2012	6/1/2014			\$ 13,989	\$ 213,700	\$ 39,412
	Line - Randall - South Georga 115KV reconductor Accelerate	6/1/2012	6/1/2014			\$ 29,801	\$ 455,244	\$ 83,960
	OXY PERMIAN SUB - SANGER SWITCHING STATION 115KV CKT 1 Accelerate	6/1/2013	6/1/2014			\$ -	\$ -	\$ -
	<b>Total</b>					\$ 211,447	\$ 3,230,071	\$ 595,720

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723068	WOLFFORTH INTERCHANGE - YUMA INTERCHANGE 115KV CKT 1	6/1/2013	6/1/2013		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723068	PLANT X STATION (WH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1	6/1/2013	6/1/2015		Yes

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723068	Cunningham-Hobbs 230KV	6/1/2013	6/1/2015		
	HOBBS INTERCHANGE 230/115KV TRANSFORMER CKT 2	6/1/2013	6/1/2015		
	LE-Lovington-Hobbs 115kV	6/1/2013	6/1/2015		
	Midland - Hobbs 345kV conversion	6/1/2013	6/1/2015		
	Yoakum-Hobbs 230KV	6/1/2013	6/1/2015		

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723068	CHERRY6 230.00 - Harrington Station East Bus 230KV CKT 1	6/1/2015	6/1/2015		
	Cunningham-Hobbs 230KV	6/1/2015	6/1/2015		
	HOBBS INTERCHANGE 230/115KV TRANSFORMER CKT 2	6/1/2015	6/1/2015		
	Yoakum-Hobbs 230KV	6/1/2015	6/1/2015		



**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
SPSM AG2-2011-051

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
SPSM	75724070	CSWS	SPS	50	6/1/2012	6/1/2013	6/1/2017	6/1/2018	\$ -	\$ -	\$ -	\$ -
										\$ -	\$ -	

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75724070	None					\$ -	\$ -	\$ -
<b>Total</b>						<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75724070	Line - Comanche County - Medicine Lodge 345 kv dbi ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbi ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbi ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kv dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kv dbi ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbi ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbi ckt SUNC	10/1/2012	1/1/2015		No
	TUCO - WOODWARD 345 kv CKT 1 OKGE	10/1/2012	6/1/2014		No
	TUCO - WOODWARD 345 kv CKT 1 SPS	6/1/2014	6/1/2014		
	XFR - Medicine Lodge 345/138 kv	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75724070	5 TRIBES - HANCOCK 161KV CKT 1 #1	10/1/2012	6/1/2013		Yes
	GRAY CO SUB 1-Judson LRG 115kv CKT 2	12/1/2011	6/1/2015		
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 OKGE	6/1/2012	6/1/2012	1/1/2012	
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 WFEC	6/1/2012	6/1/2012	1/1/2012	
	Judson Large - North Judson Large 115KV CKT 2	12/1/2011	6/1/2015		
	North Judson Large - Spearville 115KV CKT 2	12/1/2011	6/1/2015		
	Spearville 345/115/13.8kv Transformer CKT 3	12/1/2011	6/1/2015		

Planned Projects

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75724070	KRESS INTERCHANGE - RANDALL COUNTY INTERCHANGE 115KV CKT 1	10/1/2012	10/1/2012		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75724070	CANYON EAST SUB - RANDALL COUNTY INTERCHANGE 115KV CKT 1 Accelerate	6/1/2012	6/1/2014	6/1/2014	Yes
	Line - Osage Station and Line Re-termination Accelerate	6/1/2012	6/1/2014	6/1/2014	Yes
	Line - Randall - South Georgia 115KV reconductor Accelerate	6/1/2012	6/1/2014	6/1/2014	Yes
	Wichita - Viola - Rose Hill 345 kv	12/1/2011	6/1/2017	6/1/2017	Yes

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
SPSM AG2-2011-052

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
SPSM	75724078	CSWS	SPS	50	6/1/2012	6/1/2013	6/1/2017	6/1/2018	\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75724078	None					\$ -	\$ -	\$ -
<b>Total</b>						<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75724078	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	10/1/2012	1/1/2015		No
	TUCO - WOODWARD 345 kv CKT 1 OKGE	10/1/2012	6/1/2014		No
	TUCO - WOODWARD 345 kv CKT 1 SPS	6/1/2014	6/1/2014		
	XFR - Medicine Lodge 345/138 kv	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75724078	5 TRIBES - HANCOCK 161KV CKT 1 #1	10/1/2012	6/1/2013		Yes
	GRAY CO SUB 1-Judson LRG 115kv CKT 2	12/1/2011	6/1/2015		
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 OKGE	6/1/2012	6/1/2012	1/1/2012	
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 WFEC	6/1/2012	6/1/2012	1/1/2012	
	Judson Large - North Judson Large 115KV CKT 2	12/1/2011	6/1/2015		
	North Judson Large - Spearville 115KV CKT 2	12/1/2011	6/1/2015		
	Spearville 345/115/13.8kv Transformer CKT 3	12/1/2011	6/1/2015		

Planned Projects

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75724078	KRESS INTERCHANGE - RANDALL COUNTY INTERCHANGE 115KV CKT 1	10/1/2012	10/1/2012		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75724078	CANYON EAST SUB - RANDALL COUNTY INTERCHANGE 115KV CKT 1 Accelerate	6/1/2012	6/1/2014	6/1/2014	Yes
	Line - Osage Station and Line Re-termination Accelerate	6/1/2012	6/1/2014	6/1/2014	Yes
	Line - Randall - South Georgia 115KV reconductor Accelerate	6/1/2012	6/1/2014	6/1/2014	Yes
	Wichita - Viola - Rose Hill 345 kv	12/1/2011	6/1/2017	6/1/2017	Yes

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
TEA AG2-2011-015

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
TEA	75463979	SPRM	EES	25	1/1/2012	1/1/2017	6/1/2017	6/1/2022	\$ -	\$ 1,770,000	\$ 3,098,063	\$ 6,885,145
									\$ -	\$ 1,770,000	\$ 3,098,063	\$ 6,885,145

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
75463979	Chamber Springs - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 418,864	\$ 40,500,000	\$ 873,906	
	Chamber Springs - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 418,864	\$ 40,500,000	\$ 1,026,433	
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 3,551	\$ 700,000	\$ 12,208	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015			\$ 13,717	\$ 2,195,343	\$ 39,386	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015			\$ 392,705	\$ 45,543,680	\$ 947,400	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015			\$ 19,800	\$ 2,296,320	\$ 57,381	
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015			\$ 12,503	\$ 1,450,000	\$ 36,234	
	NW Texarkana - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 1,088,029	\$ 140,400,000	\$ 2,270,033	
	NW Texarkana - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 272,007	\$ 35,100,000	\$ 666,557	
	Turk - McNeil 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 458,023	\$ 72,750,000	\$ 955,606	
						Total	\$ 3,098,063	\$ 381,435,343	\$ 6,885,145

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75463979	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75463979	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	MCNAB REC - TURK 115KV CKT 1	7/1/2012	7/1/2012		

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75463979	AVATCAN - SCOTT 138KV CKT 1 LAGN	10/1/2013	10/1/2013			5.56%	100.00%
	GAIRLINE 230.00 - VIGNES 230KV CKT 1 LAGN	12/31/2011	12/31/2011			5.60%	100.00%
	GAIRLINE 230.00 - SORRENTO 230KV CKT 1	12/31/2011	12/31/2011			5.60%	100.00%
	6CAJUN1 - ADDIS 230KV CKT 1 LAGN	10/1/2013	10/1/2013			5.56%	100.00%
	6VIGNES - COLY 230KV CKT 1 EES	10/1/2013	10/1/2013			5.60%	100.00%
	6VIGNES - COLY 230KV CKT 1 LAGN	10/1/2013	10/1/2013			5.60%	100.00%
	AAC CORP - LICAR 230KV CKT 1	12/31/2011	12/31/2011			5.59%	100.00%
	AAC CORP - POLSCAR 230KV CKT 1	12/31/2011	12/31/2011			5.59%	100.00%
	ALCHEM - MONOCHEM 1 138KV CKT 1	6/1/2012	6/1/2012			5.59%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			0.72%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			0.62%	100.00%
	BELLE HELENE - LICAR 230KV CKT 1	12/31/2011	12/31/2011			5.59%	100.00%
	Brookline - Compton Ridge 345 kv	12/1/2011	6/1/2017		No	2.62%	100.00%
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 193,165	\$ 7,650,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 137,614	\$ 5,450,000
	BULL SHOALS - MIDWAY (VVEPA) 161KV CKT 1 EES	6/1/2013	6/1/2013			8.23%	100.00%
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	10/1/2012	6/1/2013		Yes	\$ -	\$ -
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #2	10/1/2012	6/1/2015		Yes	\$ 187,261	\$ 4,000,000
	COCODRIE 230/138KV TRANSFORMER CKT 1	6/1/2013	6/1/2013			\$ -	\$ -
	Compton Ridge - Cox Creek 345 kv	12/1/2011	6/1/2017		No	1.26%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017		No	1.17%	100.00%
	COUGHLIN - PLAISANCE 138KV CKT 1	6/1/2013	6/1/2013			5.68%	100.00%
	CYPRESS 500/138KV TRANSFORMER CKT 1	12/31/2011	12/31/2011			7.07%	100.00%
	DELMONT - ESSO 230KV CKT 1	6/1/2013	6/1/2013			5.51%	100.00%
	Dolet Hills - Messick 345 kv CELE	12/1/2011	6/1/2017		No	\$ 513,696	\$ 53,250,000
	ELDORADO PARNELL ROAD - WYATT SS 115KV CKT 1	10/1/2012	10/1/2012			5.74%	100.00%
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2013	6/1/2015			\$ 94,128	\$ 8,000,000
	GRIMES - MT. ZION 138KV CKT 1	12/31/2011	12/31/2011			3.75%	100.00%
	HARTBURG - INLAND-ORANGE 230KV CKT 1	12/31/2011	12/31/2011			5.25%	100.00%
	HARTBURG - MESSICK 500.00 500KV CKT 1	10/1/2017	10/1/2017			1.77%	100.00%
	HARTBURG - MOUNT OLIVE 500KV CKT 1	12/31/2011	12/31/2011			5.15%	100.00%
	HARTBURG 500/230KV TRANSFORMER CKT 1	12/31/2011	12/31/2011			5.25%	100.00%
	HUNTSVILLE - LINE 558 TAP 138KV CKT 1	12/31/2011	12/31/2011			3.75%	100.00%
	JASPER - SAM RAYBURN 4 138KV CKT 1	12/31/2011	12/31/2011			5.62%	100.00%
	LEACH - TOLEDO BEND 138KV CKT 1	12/31/2011	12/31/2011			3.72%	100.00%
	LIBERTY TAP - SALLISAW 161KV CKT 1 AECI	6/1/2013	6/1/2015			\$ 44,680	\$ 6,500,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015			\$ 43,468	\$ 6,500,000
	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECI	6/1/2013	6/1/2013			0.69%	100.00%
	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	\$ 41,243	\$ 6,000,000
	LINE 558 TAP - MT. ZION 138KV CKT 1	12/31/2011	12/31/2011			3.75%	100.00%
	LITTLE GYPSY - WATERFORD 230KV CKT 1	10/1/2013	10/1/2013			6.40%	100.00%
	MARSHALL - MOSSVILLE 138KV CKT 1	10/1/2012	10/1/2012			5.50%	100.00%
	MCADAMS 500/230KV TRANSFORMER CKT 1	6/1/2012	6/1/2012			6.33%	100.00%
	McNeil 500/345kv	12/1/2011	6/1/2017		No	\$ 75,550	\$ 12,000,000
	Messick 500/230kv	12/1/2011	6/1/2017		No	\$ 69,223	\$ 6,000,000
	Messick 500/345kv	12/1/2011	6/1/2017		No	\$ 57,881	\$ 6,000,000
	MOSSVILLE - NELSON 138KV CKT 1	10/1/2012	10/1/2012			5.50%	100.00%
	RAPIDES - RODEMACHER 230KV CKT 1	6/1/2013	6/1/2013			3.34%	100.00%
	VULCHLOR - WOODSTOCK 230KV CKT 1	10/1/2013	10/1/2013			5.59%	100.00%
	WILLOW GLEN 500/138KV TRANSFORMER CKT 1	6/1/2013	6/1/2013			5.51%	100.00%
	WILLOW GLEN 500/230KV TRANSFORMER CKT 1	6/1/2012	6/1/2012			5.51%	100.00%
					Total	\$ 1,457,909	\$ 121,350,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
TEA AG2-2011-016

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
TEA	75463977	SPRM	EES	25	1/1/2012	1/1/2017	6/1/2017	6/1/2022	\$ -	\$ 1,770,000	\$ 3,098,063	\$ 6,885,145
									\$ -	\$ 1,770,000	\$ 3,098,063	\$ 6,885,145

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
75463977	Chamber Springs - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 418,864	\$ 40,500,000	\$ 873,906	
	Chamber Springs - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		No	\$ 418,864	\$ 40,500,000	\$ 1,026,433	
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 3,551	\$ 700,000	\$ 12,208	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015			\$ 13,717	\$ 2,195,343	\$ 39,386	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015			\$ 392,705	\$ 45,543,680	\$ 947,400	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015			\$ 19,800	\$ 2,296,320	\$ 57,381	
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015			\$ 12,503	\$ 1,450,000	\$ 36,234	
	NW Texarkana - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 1,088,029	\$ 140,400,000	\$ 2,270,033	
	NW Texarkana - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		No	\$ 272,007	\$ 35,100,000	\$ 666,557	
	Turk - McNeil 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 458,023	\$ 72,750,000	\$ 955,606	
						Total	\$ 3,098,063	\$ 381,435,343	\$ 6,885,145

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75463977	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75463977	HUGO POWER PLANT - VALLIANT 345 kv AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 kv WFEC	7/1/2012	7/1/2012		
	MCNAB REC - TURK 115KV CKT 1	7/1/2012	7/1/2012		

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75463977	AVATCAN - SCOTT 138KV CKT 1 LAGN	10/1/2013	10/1/2013			5.56%	100.00%
	GAIRLINE 230.00 - VIGNES 230KV CKT 1 LAGN	12/31/2011	12/31/2011			5.60%	100.00%
	GAIRLINE 230.00 - SORRENTO 230KV CKT 1	12/31/2011	12/31/2011			5.60%	100.00%
	6CAJUN1 - ADDIS 230KV CKT 1 LAGN	10/1/2013	10/1/2013			5.56%	100.00%
	6VIGNES - COLY 230KV CKT 1 EES	10/1/2013	10/1/2013			5.60%	100.00%
	6VIGNES - COLY 230KV CKT 1 LAGN	10/1/2013	10/1/2013			5.60%	100.00%
	AAC CORP - LICAR 230KV CKT 1	12/31/2011	12/31/2011			5.59%	100.00%
	AAC CORP - POLSCAR 230KV CKT 1	12/31/2011	12/31/2011			5.59%	100.00%
	ALCHEM - MONOCHEM 1 138KV CKT 1	6/1/2012	6/1/2012			5.59%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			0.72%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			0.62%	100.00%
	BELLE HELENE - LICAR 230KV CKT 1	12/31/2011	12/31/2011			5.59%	100.00%
	Brookline - Compton Ridge 345 kv	12/1/2011	6/1/2017		No	2.62%	100.00%
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 193,165	\$ 7,650,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 137,614	\$ 5,450,000
	BULL SHOALS - MIDWAY (VVEPA) 161KV CKT 1 EES	6/1/2013	6/1/2013			8.23%	100.00%
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	10/1/2012	6/1/2013		Yes	\$ -	\$ -
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #2	10/1/2012	6/1/2015		Yes	\$ 187,261	\$ 4,000,000
	COCODRIE 230/138KV TRANSFORMER CKT 1	6/1/2013	6/1/2013			\$ -	\$ -
	Compton Ridge - Cox Creek 345 kv	12/1/2011	6/1/2017		No	1.26%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017		No	1.17%	100.00%
	COUGHLIN - PLAISANCE 138KV CKT 1	6/1/2013	6/1/2013			5.68%	100.00%
	CYPRESS 500/138KV TRANSFORMER CKT 1	12/31/2011	12/31/2011			7.07%	100.00%
	DELMONT - ESSO 230KV CKT 1	6/1/2013	6/1/2013			5.51%	100.00%
	Dolet Hills - Messick 345 kv CELE	12/1/2011	6/1/2017		No	\$ 513,696	\$ 53,250,000
	ELDORADO PARNELL ROAD - WYATT SS 115KV CKT 1	10/1/2012	10/1/2012			5.74%	100.00%
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2013	6/1/2015			\$ 94,128	\$ 8,000,000
	GRIMES - MT. ZION 138KV CKT 1	12/31/2011	12/31/2011			3.75%	100.00%
	HARTBURG - INLAND-ORANGE 230KV CKT 1	12/31/2011	12/31/2011			5.25%	100.00%
	HARTBURG - MESSICK 500.00 500KV CKT 1	10/1/2017	10/1/2017			1.77%	100.00%
	HARTBURG - MOUNT OLIVE 500KV CKT 1	12/31/2011	12/31/2011			5.15%	100.00%
	HARTBURG 500/230KV TRANSFORMER CKT 1	12/31/2011	12/31/2011			5.25%	100.00%
	HUNTSVILLE - LINE 558 TAP 138KV CKT 1	12/31/2011	12/31/2011			3.75%	100.00%
	JASPER - SAM RAYBURN 4 138KV CKT 1	12/31/2011	12/31/2011			5.62%	100.00%
	LEACH - TOLEDO BEND 138KV CKT 1	12/31/2011	12/31/2011			3.72%	100.00%
	LIBERTY TAP - SALLISAW 161KV CKT 1 AECI	6/1/2013	6/1/2015			\$ 44,680	\$ 6,500,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015			\$ 43,468	\$ 6,500,000
	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECI	6/1/2013	6/1/2013			0.69%	100.00%
	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	\$ 41,243	\$ 6,000,000
	LINE 558 TAP - MT. ZION 138KV CKT 1	12/31/2011	12/31/2011			3.75%	100.00%
	LITTLE GYPSY - WATERFORD 230KV CKT 1	10/1/2013	10/1/2013			6.40%	100.00%
	MARSHALL - MOSSVILLE 138KV CKT 1	10/1/2012	10/1/2012			5.50%	100.00%
	MCADAMS 500/230KV TRANSFORMER CKT 1	6/1/2012	6/1/2012			6.33%	100.00%
	McNeil 500/345kv	12/1/2011	6/1/2017		No	\$ 75,550	\$ 12,000,000
	Messick 500/230kv	12/1/2011	6/1/2017		No	\$ 69,223	\$ 6,000,000
	Messick 500/345kv	12/1/2011	6/1/2017		No	\$ 57,881	\$ 6,000,000
	MOSSVILLE - NELSON 138KV CKT 1	10/1/2012	10/1/2012			5.50%	100.00%
	RAPIDES - RODEMACHER 230KV CKT 1	6/1/2013	6/1/2013			3.34%	100.00%
	VULCHLOR - WOODSTOCK 230KV CKT 1	10/1/2013	10/1/2013			5.59%	100.00%
	WILLOW GLEN 500/138KV TRANSFORMER CKT 1	6/1/2013	6/1/2013			5.51%	100.00%
	WILLOW GLEN 500/230KV TRANSFORMER CKT 1	6/1/2012	6/1/2012			5.51%	100.00%
					Total	\$ 1,457,909	\$ 121,350,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
TEA AG2-2011-017

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
TEA	75315362	SPA	AECI	25	3/1/2013	3/1/2016	6/1/2017	6/1/2020	\$ -	\$ 763,200	\$ 825,812	\$ 2,041,187
									\$ -	\$ 763,200	\$ 825,812	\$ 2,041,187

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75315362	BIRMINGHAM - LIBERTY CITY 161KV CKT 1	6/1/2013	6/1/2014			\$ 188,028	\$ 4,500,000	\$ 572,849
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 3,286	\$ 700,000	\$ 10,346
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015			\$ 10,011	\$ 2,195,343	\$ 26,324
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015			\$ 325,461	\$ 45,543,680	\$ 727,440
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015			\$ 16,410	\$ 2,296,320	\$ 43,552
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015			\$ 10,362	\$ 1,450,000	\$ 27,501
	Iatan - Jeffrey Energy Center 345 kv KACP	6/1/2012	6/1/2016			\$ 54,451	\$ 15,975,000	\$ 138,586
	Iatan - Jeffrey Energy Center 345 kv WERE	6/1/2012	6/1/2016			\$ 217,803	\$ 63,900,000	\$ 494,590
<b>Total</b>						<b>\$ 825,812</b>	<b>\$ 136,560,343</b>	<b>\$ 2,041,187</b>

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75315362	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		Yes
	Line - Comanche County - Medicine Lodge 345 kv dbi ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbi ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbi ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kv dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kv dbi ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbi Ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbi Ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbi ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbi ckt SUNC	10/1/2012	1/1/2015		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	XFR - Medicine Lodge 345/138 kv	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75315362	BIRMINGHAM - HAWTHORN 161KV CKT 1	6/1/2013	6/1/2014		

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75315362	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75315362	Chamber Springs - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017	6/1/2017	Yes
	Chamber Springs - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017	6/1/2017	Yes
	NW Texarkana - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017	6/1/2017	Yes
	NW Texarkana - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017	6/1/2017	Yes
	Turk - McNeil 345 kv AEPW	12/1/2011	6/1/2017	6/1/2017	Yes
	Wichita - Viola - Rose Hill 345 kv	12/1/2011	6/1/2017	6/1/2017	Yes

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75315362	7OVERTON 345.00 () 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			0.08%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			0.51%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			0.50%	100.00%
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 289,991	\$ 7,650,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 206,595	\$ 5,450,000
	BULL SHOALS - MIDWAY (YVEPA) 161KV CKT 1 EES	6/1/2013	6/1/2013			12.34%	100.00%
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	10/1/2012	6/1/2013		Yes	\$ -	\$ -
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #2	10/1/2012	6/1/2015		Yes	\$ 67,529	\$ 4,000,000
	CLINTON - MONTROSE 161KV CKT 1 AECI	10/1/2012	6/1/2013			\$ -	\$ -
	ECKLES - SIBLEYPL 161.00 161KV CKT 1	6/1/2013	6/1/2013			5.48%	100.00%
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2013	6/1/2015			\$ 74,890	\$ 8,000,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015			\$ 37,018	\$ 6,500,000
					Total	\$ 676,023	\$ 31,600,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.



**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
TEA AG2-2011-018

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
TEA	75315358	SPA	AECI	25	3/1/2013	3/1/2018	6/1/2017	6/1/2022	\$ -	\$ 1,272,000	\$ 2,359,228	\$ 5,634,624
									\$ -	\$ 1,272,000	\$ 2,359,228	\$ 5,634,624

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75315358	BIRMINGHAM - LIBERTY CITY 161KV CKT 1	6/1/2013	6/1/2014			\$ 235,873	\$ 4,500,000	\$ 782,088
	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	6/1/2017	6/1/2017			\$ 4,940	\$ 150,000	\$ 9,938
	Chamber Springs - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 190,203	\$ 40,500,000	\$ 396,834
	Chamber Springs - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		No	\$ 190,203	\$ 40,500,000	\$ 466,095
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 1,978	\$ 700,000	\$ 6,800
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015			\$ 8,117	\$ 2,195,343	\$ 23,306
	Gentleman - Hooker Co - Wheeler Co 345KV	12/1/2011	6/1/2017			\$ 317,542	\$ 265,950,000	\$ 667,037
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015			\$ 227,285	\$ 45,543,680	\$ 548,324
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015			\$ 11,460	\$ 2,296,320	\$ 33,211
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015			\$ 7,236	\$ 1,450,000	\$ 20,970
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2017	6/1/2017			\$ 180,117	\$ 47,871,000	\$ 404,037
	latan - Jeffrey Energy Center 345 kv KACP	6/1/2012	6/1/2016			\$ 62,409	\$ 15,975,000	\$ 172,870
	latan - Jeffrey Energy Center 345 kv WERE	6/1/2012	6/1/2016			\$ 249,636	\$ 63,900,000	\$ 606,498
	KC SOUTH - LONGVIEW 161KV CKT 1	6/1/2017	6/1/2017			\$ 7,327	\$ 305,000	\$ 14,485
	NW Texarkana - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 277,781	\$ 140,400,000	\$ 579,555
	NW Texarkana - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017		No	\$ 69,445	\$ 35,100,000	\$ 170,176
	REDEL - STILLWELL 161KV CKT 1	6/1/2013	6/1/2015			\$ 73,051	\$ 4,026,000	\$ 220,554
	Turk - McNeil 345 kv AEPW	12/1/2011	6/1/2017		No	\$ 141,756	\$ 72,750,000	\$ 295,756
	Wheeler - Shell Creek 345KV	12/1/2011	6/1/2017			\$ 102,869	\$ 81,750,000	\$ 216,089
<b>Total</b>						<b>\$ 2,359,228</b>	<b>\$ 865,862,343</b>	<b>\$ 5,634,624</b>

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75315358	BIRMINGHAM - HAWTHORN 161KV CKT 1	6/1/2013	6/1/2014		

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75315358	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75315358	Wichita - Viola - Rose Hill 345 kv	12/1/2011	6/1/2017	6/1/2017	Yes

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75315358	7OVERTON 345.00 () 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			0.07%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			0.40%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			0.39%	100.00%
	Brookline - Compton Ridge345 kv	12/1/2011	6/1/2017		No	2.29%	100.00%
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 264,382	\$ 7,650,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 188,350	\$ 5,450,000
	BULL SHOALS - MIDWAY (YVEPA) 161KV CKT 1 EES	6/1/2013	6/1/2013			11.25%	100.00%
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	10/1/2012	6/1/2013			\$ -	\$ -
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #2	10/1/2012	6/1/2015		Yes	\$ 184,626	\$ 4,000,000
	CLINTON - MONTROSE 161KV CKT 1 AECl	10/1/2012	6/1/2013			\$ -	\$ -
	Compton Ridge - Cox Creek 345 kv	12/1/2011	6/1/2017		No	1.41%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECl	12/1/2011	6/1/2017		No	1.03%	100.00%
	Doleet Hills - Messick 345 kv CELE	12/1/2011	6/1/2017		No	\$ 77,278	\$ 53,250,000
	ECKLES - SIBLEYPL 161.00 161KV CKT 1	6/1/2013	6/1/2013			7.25%	100.00%
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2013	6/1/2015			\$ 53,763	\$ 8,000,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015			\$ 24,738	\$ 6,500,000
	LOCUST CREEK 161/69KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			10.54%	100.00%
	McNeil 500/345kv	12/1/2011	6/1/2017		No	\$ 23,382	\$ 12,000,000
	Messick 500/230kv	12/1/2011	6/1/2017		No	\$ 919	\$ 6,000,000
	Messick 500/345kv	12/1/2011	6/1/2017		No	\$ 8,707	\$ 6,000,000
	WEST PLAINS 161/69KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			\$ 209,269	\$ 2,000,000
	WEST PLAINS 161/69KV TRANSFORMER CKT 2	6/1/2017	6/1/2017			\$ 209,263	\$ 2,000,000
					Total	\$ 1,244,677	\$ 112,850,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
UCU AG2-2011-010

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
UCU	75711368	MP5	MP5	2	12/1/2011	12/1/2016	1/1/2015	1/1/2020	\$ 360,000	\$ -	\$ 437,195	\$ 694,175
									\$ 360,000	\$ -	\$ 437,195	\$ 694,175

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75711368	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	6/1/2017	6/1/2017			\$ 67	\$ 150,000	\$ 109
	BLUE SPRINGS EAST - GRAIN VALLEY 161KV CKT 1	6/1/2017	6/1/2017			\$ 1,904	\$ 150,000	\$ 2,512
	GRANDVIEW TAP - RICHARDS-GEBAUER AIR FORCE BASE 69KV CKT 1	6/1/2017	6/1/2017			\$ 23,899	\$ 2,391,200	\$ 31,270
	LEXINGTON - RICHMOND 161KV CKT 1	6/1/2013	6/1/2015			\$ 92,598	\$ 8,400,000	\$ 146,639
	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1	6/1/2017	6/1/2017			\$ 3,210	\$ 305,000	\$ 4,161
	MUND - PENTAGON 115KV CKT 1	6/1/2013	6/1/2015			\$ 6,080	\$ 2,738,300	\$ 13,511
	ORRICK - RICHMOND 161KV CKT 1	6/1/2013	6/1/2015			\$ 149,459	\$ 14,000,000	\$ 236,685
	ORRICK - SIBLEYPL 161.00 161KV CKT 1	6/1/2013	6/1/2015			\$ 74,255	\$ 7,000,000	\$ 117,591
	PLEASANT HILL 161/69KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			\$ 46,165	\$ 4,650,000	\$ 60,404
	RALPH GREEN 69KV	6/1/2017	6/1/2017			\$ 6,557	\$ 660,000	\$ 8,579
	REDEL - STILLWELL 161KV CKT 1	6/1/2013	6/1/2015			\$ 18,263	\$ 4,026,000	\$ 44,564
	Wichita - Viola - Rose Hill 345 kv	12/1/2011	6/1/2017			\$ 14,738	\$ 108,000,000	\$ 28,147
Total						\$ 437,195	\$ 152,470,500	\$ 694,175

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75711368	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	10/1/2012	1/1/2015		No
	XFR - Medicine Lodge 345/138 kv	10/1/2012	1/1/2015		No

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75711368	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	**Total E & C Cost
75711368	CLINTON - MONTROSE 161KV CKT 1 AECl	10/1/2012	6/1/2013		No	\$ -	\$ -
Total						\$ -	\$ -

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
UCU AG2-2011-034

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
UCU	75723247	NPPD	MPS	200	1/19/2014	1/19/2019	6/1/2017	6/1/2022	\$ 36,000,000	\$ -	\$ 41,022,787	\$ 80,024,312
									\$ 36,000,000	\$ -	\$ 41,022,787	\$ 80,024,312

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75723247	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	6/1/2017	6/1/2017			\$ 652	\$ 150,000	\$ 1,312
	BLUE SPRINGS EAST - GRAIN VALLEY 161KV CKT 1	6/1/2017	6/1/2017			\$ 148,096	\$ 150,000	\$ 240,878
	GRANDVIEW TAP - RICHARDS-GEBAUER AIR FORCE BASE 69KV CKT 1	6/1/2017	6/1/2017			\$ 2,367,301	\$ 2,391,200	\$ 3,818,988
	Iatan - Jeffrey Energy Center 345 kV KACP	6/1/2012	6/1/2016			\$ 133,195	\$ 15,975,000	\$ 368,944
	Iatan - Jeffrey Energy Center 345 kV WERE	6/1/2012	6/1/2016			\$ 532,779	\$ 63,900,000	\$ 1,294,401
	LEXINGTON - RICHMOND 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 8,307,402	\$ 8,400,000	\$ 16,212,518
	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1	6/1/2017	6/1/2017			\$ 301,790	\$ 305,000	\$ 482,366
	ORRICK - RICHMOND 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 13,850,541	\$ 14,000,000	\$ 27,030,369
	ORRICK - SIBLEYPL 161.00 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 6,925,745	\$ 7,000,000	\$ 13,516,111
	PLEASANT HILL 161/69KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			\$ 4,603,835	\$ 4,650,000	\$ 7,427,019
	RALPH GREEN 69KV	6/1/2017	6/1/2017			\$ 653,443	\$ 660,000	\$ 1,054,150
	REDEL - STILWELL 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 1,739,601	\$ 4,026,000	\$ 5,252,157
	Wichita - Viola - Rose Hill 345 kV	12/1/2011	6/1/2017		No	\$ 1,458,407	\$ 108,000,000	\$ 3,325,101
					Total	\$ 41,022,787	\$ 229,607,200	\$ 80,024,312

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
WIND AG2-2011-020

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
WIND	75723845	WPEK	EES	100	12/1/2012	12/1/2032	6/1/2017	6/1/2037	\$ -	\$ 28,320,000	\$ 32,631,219	\$ 118,031,600
									\$ -	\$ 28,320,000	\$ 32,631,219	\$ 118,031,600

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
75723845	Chamber Springs - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 1,188,424	\$ 40,500,000	\$ 4,146,824	
	Chamber Springs - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 1,188,424	\$ 40,500,000	\$ 5,095,348	
	CIMARRON RIVER PLANT - GRAY CO SUB 1T 115KV CKT 1	12/1/2011	6/1/2015		Yes	\$ 1,775,410	\$ 26,437,500	\$ 7,660,407	
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 15,212	\$ 500,000	\$ 83,982	
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 19,229	\$ 700,000	\$ 115,135	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015		Yes	\$ 62,985	\$ 2,195,343	\$ 314,972	
	Gentleman - Hooker Co - Wheeler Co 345KV	12/1/2011	6/1/2017		No	\$ 7,770,780	\$ 265,950,000	\$ 24,804,214	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 78,645	\$ 3,300,000	\$ 292,185	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015		Yes	\$ 1,566,785	\$ 45,543,680	\$ 6,299,773	
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015		Yes	\$ 78,998	\$ 2,296,320	\$ 398,726	
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015		Yes	\$ 49,883	\$ 1,450,000	\$ 251,774	
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2017	6/1/2017			\$ 1,803,484	\$ 47,871,000	\$ 6,430,916	
	Iatan - Jeffrey Energy Center 345 kV KACP	6/1/2012	6/1/2016		No	\$ 534,664	\$ 15,975,000	\$ 2,547,027	
	Iatan - Jeffrey Energy Center 345 kV WERE	6/1/2012	6/1/2016		No	\$ 2,138,656	\$ 63,900,000	\$ 8,250,814	
	MOUNDRIDGE (MOUND10X) 138/115/13.8KV TRANSFORMER CKT 1	10/1/2013	6/1/2015			\$ 423,255	\$ 4,400,000	\$ 1,714,450	
	Multi - Bonanza - North Huntington 69kV Accelerate	6/1/2013	6/1/2015		No	\$ 907,381	\$ 7,641,105	\$ 3,614,782	
	NW Texarkana - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 3,472,589	\$ 140,400,000	\$ 12,117,068	
	NW Texarkana - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 868,147	\$ 35,100,000	\$ 3,722,166	
	Turk - McNeil 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 2,408,434	\$ 72,750,000	\$ 8,403,862	
	Wheeler - Shell Creek 345kV	12/1/2011	6/1/2017		No	\$ 2,296,236	\$ 81,750,000	\$ 7,329,551	
	Wichita - Viola - Rose Hill 345 kV	12/1/2011	6/1/2017		No	\$ 3,983,598	\$ 108,000,000	\$ 14,437,628	
						Total	\$ 32,631,219	\$ 1,007,159,948	\$ 118,031,600

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723845	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		Yes
	Line - Comanche County - Medicine Lodge 345 kV dbl ckt	10/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kV dbl ckt OKGE	10/1/2012	7/1/2014		No
	Line - Hitchland - Woodward 345 kV dbl ckt SPS	10/1/2012	7/1/2014		No
	Line - Medicine Lodge - Wichita 345 kV dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kV dbl ckt WERE	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbl Ckt MKEC	10/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kV dbl Ckt OKGE	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbl ckt MKEC	10/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kV dbl ckt SUNC	10/1/2012	1/1/2015		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	TUCO - WOODWARD 345 kV CKT 1 OKGE	10/1/2012	6/1/2014		No
	TUCO - WOODWARD 345 kV CKT 1 SPS	6/1/2014	6/1/2014		No
	XFR - Medicine Lodge 345/138 kV	10/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723845	PRATT - ST JOHN 115KV CKT 1	10/1/2012	6/1/2013		Yes

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723845	Circle - Reno 345kV Dbl CKT	12/1/2011	6/1/2017		No
	CLEARWATER - MILAN TAP 138kV CKT 1 MKEC	12/1/2011	6/1/2015		Yes
	CLEARWATER - MILAN TAP 138kV CKT 1 WERE	12/1/2011	6/1/2015		Yes
	CLIFTON - GREENLEAF 115kV CKT 1	10/1/2012	6/1/2013		Yes
	FLATRDG3 138.00 - HARPER 138kV CKT 1	12/1/2011	6/1/2013		Yes
	GRAY CO SUB 1-Judson LRG 115kV CKT 2	12/1/2011	6/1/2015		Yes
	GREENLEAF - KNOB HILL 115kV CKT 1 MKEC	10/1/2012	6/1/2013		Yes
	HARPER - MILAN TAP 138kV CKT 1 #1	12/1/2011	6/1/2015		Yes
	HARPER - MILAN TAP 138kV CKT 1 #2	12/1/2011	6/1/2015		Yes
	HAYS PLANT - SOUTH HAYS 115kV CKT 1 #1	6/1/2012	6/1/2012		
	HAYS PLANT - SOUTH HAYS 115kV CKT 1 #2	6/1/2012	6/1/2014		No
	HAYS PLANT - VINE STREET 115kV CKT 1	6/1/2012	6/1/2013		No
	Judson Large - North Judson Large 115kV CKT 2	12/1/2011	6/1/2015		Yes
	MEDICINE LODGE - PRATT 115kV CKT 1	12/1/2011	6/1/2013		Yes
	MEDICINE LODGE (MED-LDG4) 138/115/2.72kV TRANSFORMER CKT 1	10/1/2012	6/1/2013		Yes
	Mulgren - Circle 345kV Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kV Dbl CKT WERE	12/1/2011	6/1/2017		No
	North Judson Large - Spearville 115kV CKT 2	12/1/2011	6/1/2015		Yes
	Spearville - Mulgren 345kV Dbl CKT	12/1/2011	6/1/2017		No
	Spearville 345/115/13.8kV Transformer CKT 3	12/1/2011	6/1/2015		Yes

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723845	Circle - Reno 345kV Dbl CKT	6/1/2017	6/1/2017		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	MCNAB REC - TURK 115kV CKT 1	7/1/2012	7/1/2012		
	Mulgren - Circle 345kV Dbl CKT MKEC	6/1/2017	6/1/2017		
	Mulgren - Circle 345kV Dbl CKT WERE	6/1/2017	6/1/2017		
	NORTHWEST - TATONGA 345kV CKT 1	1/1/2010	1/1/2010		
	Spearville - Mulgren 345kV Dbl CKT	6/1/2017	6/1/2017		
	TATONGA - WOODWARD 345kV CKT 1	1/1/2010	1/1/2010		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75723845	Shell Creek 345/230kV	12/1/2011	6/1/2017	6/1/2017	Yes

Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75723845	AVATCAN - SCOTT 138KV CKT 1 LAGN	10/1/2013	10/1/2013			22.14%	100.00%
	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			2.69%	100.00%
	6AIRLINE 230.00 - SVIGNES 230KV CKT 1 LAGN	12/31/2011	12/31/2011			22.46%	100.00%
	6AIRLINE 230.00 - SORRENTO 230KV CKT 1	12/31/2011	12/31/2011			22.46%	100.00%
	6CAJUN1 - ADDIS 230KV CKT 1 LAGN	10/1/2013	10/1/2013			22.26%	100.00%
	6VIGNES - COLY 230KV CKT 1 EES	10/1/2013	10/1/2013			22.46%	100.00%
	6VIGNES - COLY 230KV CKT 1 LAGN	10/1/2013	10/1/2013			22.46%	100.00%
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			2.70%	100.00%
	AAC CORP - LICAR 230KV CKT 1	12/31/2011	12/31/2011			22.48%	100.00%
	AAC CORP - POLSCAR 230KV CKT 1	12/31/2011	12/31/2011			22.48%	100.00%
	ALCHEM - MONOCHEM 1 138KV CKT 1	6/1/2012	6/1/2012			22.41%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			2.93%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			2.80%	100.00%
	BELLE HELENE - LICAR 230KV CKT 1	12/31/2011	12/31/2011			22.48%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 372,640	\$ 15,600,000
	Brookline - Compton Ridge 345 kv	12/1/2011	6/1/2017		No	2.66%	100.00%
	CLINTON - MONTROSE 161KV CKT 1 AECI	10/1/2012	6/1/2013		No	\$ -	\$ -
	COCODRIE 230/138KV TRANSFORMER CKT 1	6/1/2013	6/1/2013			\$ -	\$ -
	Compton Ridge - Cox Creek 345 kv	12/1/2011	6/1/2017		No	1.97%	100.00%
	Compton Ridge - Osage Creek 345 kv	12/1/2011	6/1/2017		No	1.06%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017		No	2.81%	100.00%
	Compton Ridge 345/161 kv Transformer	12/1/2011	6/1/2017		No	2.33%	100.00%
	COUGHLIN - PLAISANCE 138KV CKT 1	6/1/2013	6/1/2013			23.24%	100.00%
	DELMONT - ESSO 230KV CKT 1	6/1/2013	6/1/2013			22.04%	100.00%
	Dolet Hills - Messick 345 kv CELE	12/1/2011	6/1/2017		No	\$ 2,332,536	\$ 53,250,000
	ELDORADO PARNELL ROAD - WYATT SS 115KV CKT 1	10/1/2012	10/1/2012			21.88%	100.00%
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 328,245	\$ 8,000,000
	GORE - SALLISAW 161KV CKT 1	6/1/2013	6/1/2015		Yes	\$ 1,577,200	\$ 9,000,000
	GRIMES - MT. ZION 138KV CKT 1	12/31/2011	12/31/2011			16.46%	100.00%
	HARTBURG - INLAND-ORANGE 230KV CKT 1	12/31/2011	12/31/2011			20.65%	100.00%
	HARTBURG - MESSICK 500.00 500KV CKT 1	10/1/2017	10/1/2017			7.12%	100.00%
	HARTBURG - MOUNT OLIVE 500KV CKT 1	12/31/2011	12/31/2011			19.72%	100.00%
	HARTBURG 500/230KV TRANSFORMER CKT 1	12/31/2011	12/31/2011			20.65%	100.00%
	HUNTSVILLE - LINE 558 TAP 138KV CKT 1	12/31/2011	12/31/2011			16.46%	100.00%
	JASPER - SAM RAYBURN 4 138KV CKT 1	12/31/2011	12/31/2011			23.34%	100.00%
	LEACH - TOLEDO BEND 138KV CKT 1	12/31/2011	12/31/2011			15.67%	100.00%
	LIBERTY TAP - SALLISAW 161KV CKT 1 AECI	6/1/2013	6/1/2015		Yes	\$ 220,859	\$ 6,500,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015		Yes	\$ 214,864	\$ 6,500,000
	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECI	6/1/2013	6/1/2013			3.40%	100.00%
	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	\$ 203,870	\$ 6,000,000
	LINE 558 TAP - MT. ZION 138KV CKT 1	12/31/2011	12/31/2011			16.46%	100.00%
	LITTLE GYPSY - WATERFORD 230KV CKT 1	10/1/2013	10/1/2013			27.68%	100.00%
	MARSHALL - MOSSVILLE 138KV CKT 1	10/1/2012	10/1/2012			21.50%	100.00%
	McNeil 500/345kv	12/1/2011	6/1/2017		No	\$ 397,267	\$ 12,000,000
	Messick 500/230kv	12/1/2011	6/1/2017		No	\$ 256,828	\$ 6,000,000
Messick 500/345kv	12/1/2011	6/1/2017		No	\$ 262,821	\$ 6,000,000	
MOSSVILLE - NELSON 138KV CKT 1	10/1/2012	10/1/2012			21.55%	100.00%	
PLEASANT PRAIRIE2 - ZION ; R 345.00 345KV CKT 1	10/1/2013	10/1/2013			2.36%	100.00%	
RAPIDES - RODEMACHER 230KV CKT 1	6/1/2013	6/1/2013			13.75%	100.00%	
VULCHLOR - WOODSTOCK 230KV CKT 1	10/1/2013	10/1/2013			22.48%	100.00%	
WILLOW GLEN 500/138KV TRANSFORMER CKT 1	6/1/2013	6/1/2013			22.04%	100.00%	
WILLOW GLEN 500/230KV TRANSFORMER CKT 1	6/1/2012	6/1/2012			22.08%	100.00%	
					Total	\$ 6,167,130	\$ 128,850,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
WRGS AG2-2011-066

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
WRGS	75710756	SECI	WR	135	1/1/2016	1/1/2021	6/1/2017	6/1/2022	\$ 18,662,514	\$ -	\$ 18,666,543	\$ 41,379,325
									\$ 18,662,514	\$ -	\$ 18,666,543	\$ 41,379,325

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Base Plan Funding for Wind	Directly Assigned for Wind	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75710756	Chamber Springs - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 98,989	\$ -	\$ 98,989	\$ 40,500,000	\$ 206,528
	Chamber Springs - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 98,989	\$ -	\$ 98,989	\$ 40,500,000	\$ 242,574
	CLEO CORNER 138KV	6/1/2013	6/1/2014			\$ 8,058	\$ 4,029	\$ 12,087	\$ 500,000	\$ 38,314
	FORBES FIELD 115KV	1/1/2016	1/1/2016	6/1/2014		\$ 850,000	\$ -	\$ 850,000	\$ 850,000	\$ 1,858,844
	Gentleman - Hooker Co - Wheeler Co 345kV	12/1/2011	6/1/2017		No	\$ 7,414,295	\$ -	\$ 7,414,295	\$ 265,950,000	\$ 15,574,670
	Iatan - Jeffrey Energy Center 345 kV KACP	6/1/2012	6/1/2016		No	\$ 51,833	\$ -	\$ 51,833	\$ 15,975,000	\$ 143,575
	Iatan - Jeffrey Energy Center 345 kV WERE	6/1/2012	6/1/2016		No	\$ 207,332	\$ -	\$ 207,332	\$ 63,900,000	\$ 503,719
	MOUNDRIDGE (MOUND10X) 138/115/13.8KV TRANSFORMER CKT 1	10/1/2013	6/1/2015			\$ 2,508,366	\$ -	\$ 2,508,366	\$ 4,400,000	\$ 6,398,521
	NW Texarkana - Ft Smith 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 294,936	\$ -	\$ 294,936	\$ 140,400,000	\$ 615,346
	NW Texarkana - Ft Smith 345 kV OKGE	12/1/2011	6/1/2017		No	\$ 73,734	\$ -	\$ 73,734	\$ 35,100,000	\$ 180,686
	Turk - McNeil 345 kV AEPW	12/1/2011	6/1/2017		No	\$ 219,128	\$ -	\$ 219,128	\$ 72,750,000	\$ 457,183
	Wheeler - Shell Creek 345kV	12/1/2011	6/1/2017		No	\$ 2,388,643	\$ -	\$ 2,388,643	\$ 81,750,000	\$ 5,017,649
	Wichita - Viola - Rose Hill 345 kV	12/1/2011	6/1/2017		No	\$ 4,448,211	\$ -	\$ 4,448,211	\$ 108,000,000	\$ 10,141,716
	<b>Total</b>					\$ 18,662,514	\$ 4,029	\$ 18,666,543	\$ 870,575,000	\$ 41,379,325

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75710756	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	6/1/2015	6/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75710756	Circle - Reno 345kV Dbl CKT	12/1/2011	6/1/2017		Yes
	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC	12/1/2011	6/1/2015		
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE	12/1/2011	6/1/2015		
	HARPER - MILAN TAP 138KV CKT 1 #1	12/1/2011	6/1/2015		
	HARPER - MILAN TAP 138KV CKT 1 #2	12/1/2011	6/1/2015		
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #1	6/1/2012	6/1/2012		
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	6/1/2012	6/1/2014		
	HAYS PLANT - VINE STREET 115KV CKT 1	6/1/2012	6/1/2013		
	Mulgren - Circle 345kV Dbl CKT MKEC	12/1/2011	6/1/2017		Yes
	Mulgren - Circle 345kV Dbl CKT WERE	12/1/2011	6/1/2017		Yes
	Spearville - Mulgren 345kV Dbl CKT	12/1/2011	6/1/2017		Yes

Credits may be required for the following Network Upgrades in accordance with Attachment 22 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75710756	Circle - Reno 345kV Dbl CKT	6/1/2017	6/1/2017		
	FLATRDG3 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2009	6/1/2013		
	FLATRDG3 138.00 - HARPER 138KV CKT 1	12/1/2009	6/1/2013		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	Mulgren - Circle 345kV Dbl CKT MKEC	6/1/2017	6/1/2017		
	Mulgren - Circle 345kV Dbl CKT WERE	6/1/2017	6/1/2017		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville - Mulgren 345kV Dbl CKT	6/1/2017	6/1/2017		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

Potential reservation deferral and redispatch requirement on the following upgrades due to positive MW Impact on limitations that require upgrade. No cost assignment due to negative MW impact on defined upgrade.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75710756	Shell Creek 345/230kV	12/1/2011	6/1/2017	6/1/2017	Yes



**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75710756	Compton Ridge – Cox Creek 345 kV	12/1/2011	6/1/2017		No	0.04%	100.00%
	Compton Ridge – Osage Creek 345 kV	12/1/2011	6/1/2017		No	0.70%	100.00%
	Compton Ridge 345/161 kV Transformer	12/1/2011	6/1/2017		No	1.58%	100.00%
	Dolet Hills - Messick 345 kV CELE	12/1/2011	6/1/2017		No	\$ 116,851	\$ 53,250,000
	McNeil 500/345kV	12/1/2011	6/1/2017		No	\$ 36,145	\$ 12,000,000
	Messick 500/345kV	12/1/2011	6/1/2017		No	\$ 13,166	\$ 6,000,000
					Total	\$ 166,162	\$ 71,250,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
WRGS AG2-2011-067

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
WRGS	75701798	WR	AECI	8	12/1/2011	12/1/2016	6/1/2017	6/1/2022	\$ -	\$ 407,040	\$ 2,090,875	\$ 4,791,311
									\$ -	\$ 407,040	\$ 2,090,875	\$ 4,791,311

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75701798	BIRMINGHAM - LIBERTY CITY 161KV CKT 1	6/1/2013	6/1/2014			\$ 100,473	\$ 4,500,000	\$ 333,140
	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	6/1/2017	6/1/2017			\$ 1,851	\$ 150,000	\$ 3,724
	Chamber Springs - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017			\$ 24,990	\$ 40,500,000	\$ 52,138
	Chamber Springs - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017			\$ 24,990	\$ 40,500,000	\$ 61,238
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 472	\$ 500,000	\$ 1,496
	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 2,150	\$ 915,000	\$ 4,486
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 989	\$ 700,000	\$ 3,400
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015			\$ 3,145	\$ 2,195,343	\$ 9,030
	Gentleman - Hooker Co - Wheeler Co 345KV	12/1/2011	6/1/2017			\$ 368,468	\$ 265,950,000	\$ 774,014
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 7,072	\$ 3,300,000	\$ 14,183
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 AEPW	6/1/2013	6/1/2015			\$ 74,641	\$ 45,543,680	\$ 180,071
	HIGHWAY 59 - TAHLEQUAH 161KV CKT 1 OKGE	6/1/2013	6/1/2015			\$ 3,763	\$ 2,296,320	\$ 10,905
	HIGHWAY 59 - VBI 161KV CKT 1	10/1/2012	6/1/2015			\$ 2,376	\$ 1,450,000	\$ 6,886
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2017	6/1/2017			\$ 223,662	\$ 47,871,000	\$ 501,717
	Iatan - Jeffrey Energy Center 345 kv KACP	6/1/2012	6/1/2016		No	\$ 82,514	\$ 15,975,000	\$ 228,560
	Iatan - Jeffrey Energy Center 345 kv WERE	6/1/2012	6/1/2016		No	\$ 330,055	\$ 63,900,000	\$ 801,878
	KC SOUTH - LONGVIEW 161KV CKT 1	6/1/2017	6/1/2017			\$ 2,803	\$ 305,000	\$ 5,541
	MUND - PENTAGON 115KV CKT 1	6/1/2013	6/1/2015			\$ 27,183	\$ 2,738,300	\$ 71,985
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 EMDE	6/1/2013	6/1/2015			\$ 184,008	\$ 10,562,500	\$ 374,053
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	6/1/2013	6/1/2015			\$ 50,259	\$ 2,885,000	\$ 102,768
	NW Texarkana - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017			\$ 28,372	\$ 140,400,000	\$ 59,195
	NW Texarkana - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017			\$ 7,093	\$ 35,100,000	\$ 17,382
	REDEL - STILLWELL 161KV CKT 1	6/1/2013	6/1/2015			\$ 35,133	\$ 4,026,000	\$ 106,073
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	6/1/2013	6/1/2017			\$ 76,322	\$ 4,725,000	\$ 128,534
	Turk - McNeil 345 kv AEPW	12/1/2011	6/1/2017			\$ 87,538	\$ 72,750,000	\$ 182,637
	Wheeler - Shell Creek 345kv	12/1/2011	6/1/2017			\$ 112,458	\$ 81,750,000	\$ 236,232
	Wichita - Viola - Rose Hill 345 kv	12/1/2011	6/1/2017			\$ 228,095	\$ 108,000,000	\$ 520,046
Total						\$ 2,090,875	\$ 999,488,143	\$ 4,791,311

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75701798	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		
	Line - Comanche County - Medicine Lodge 345 kv dbi ckt	10/1/2012	1/1/2015		
	Line - Hitchland - Woodward 345 kv dbi ckt OKGE	10/1/2012	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbi ckt SPS	10/1/2012	7/1/2014		
	Line - Medicine Lodge - Wichita 345 kv dbi ckt MKEC	10/1/2012	1/1/2015		
	Line - Medicine Lodge - Wichita 345 kv dbi ckt WERE	10/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbi ckt MKEC	10/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbi ckt OKGE	10/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbi ckt MKEC	10/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbi ckt SUNC	10/1/2012	1/1/2015		
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	XFR - Medicine Lodge 345/138 kv	10/1/2012	1/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75701798	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	6/1/2015	6/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75701798	BIRMINGHAM - HAWTHORN 161KV CKT 1	6/1/2013	6/1/2014		
	Circle - Reno 345kv Dbl CKT	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kv Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kv Dbl CKT WERE	12/1/2011	6/1/2017		No
	Spearville - Mulgren 345kv Dbl CKT	12/1/2011	6/1/2017		No

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75701798	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	Mulgren - Circle 345kv Dbl CKT MKEC	6/1/2017	6/1/2017		
	Mulgren - Circle 345kv Dbl CKT WERE	6/1/2017	6/1/2017		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville - Mulgren 345kv Dbl CKT	6/1/2017	6/1/2017		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75701798	SBLEDSOE - TRUMAN 161KV CKT 1 SWPA	6/1/2013	6/1/2013			\$ 742	\$ 70,000
	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			0.25%	100.00%
	SOVERTON 161.00 - HUNTSDALE 161KV CKT 1 AECI	6/1/2013	6/1/2013			2.27%	100.00%
	SOVERTON 161.00 - HUNTSDALE 161KV CKT 1 AMRN	6/1/2013	6/1/2013			2.27%	100.00%
	7OVERTON 345.00 () 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			0.35%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			0.13%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			0.15%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 42,303	\$ 15,600,000
	Brookline - Compton Ridge345 kv	12/1/2011	6/1/2017			0.15%	100.00%
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2015			\$ 52,193	\$ 7,650,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1	6/1/2013	6/1/2015			\$ 37,184	\$ 5,450,000
	BULL SHOALS - MIDWAY (YVEPA) 161KV CKT 1 EES	6/1/2013	6/1/2013			2.23%	100.00%
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	10/1/2012	6/1/2013			\$ -	\$ -
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #2	10/1/2012	6/1/2015			\$ 42,385	\$ 4,000,000
	CLINTON - MONTROSE 161KV CKT 1 AECI	10/1/2012	6/1/2013		No	\$ -	\$ -
	Compton Ridge - Cox Creek 345 kv	12/1/2011	6/1/2017			0.21%	100.00%
	Compton Ridge - Osage Creek 345 kv	12/1/2011	6/1/2017			0.26%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017			0.21%	100.00%
	Compton Ridge 345/161 kv Transformer	12/1/2011	6/1/2017			0.56%	100.00%
	Dolet Hills - Messick 345 kv CELE	12/1/2011	6/1/2017			\$ 44,799	\$ 53,250,000
	ECKLES - SIBLEYPL 161.00 161KV CKT 1	6/1/2013	6/1/2013			2.41%	100.00%
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2013	6/1/2015			\$ 14,772	\$ 8,000,000
	HARRISONVILLE 161/69KV TRANSFORMER CKT 1	6/1/2013	6/1/2013			4.02%	100.00%
	LIBERTY TAP - SALLISAW 161KV CKT 1 AECI	6/1/2013	6/1/2015			\$ 11,170	\$ 6,500,000
	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	6/1/2013	6/1/2015			\$ 10,867	\$ 6,500,000
	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECI	6/1/2013	6/1/2013			0.17%	100.00%
	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	\$ 10,311	\$ 6,000,000
	LOCUST CREEK 161/69KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			3.46%	100.00%
	McNeil 500/345kv	12/1/2011	6/1/2017			\$ 14,439	\$ 12,000,000
	Messick 500/345kv	12/1/2011	6/1/2017			\$ 5,048	\$ 6,000,000
	WEST PLAINS 161/69KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			\$ 68,798	\$ 2,000,000
	WEST PLAINS 161/69KV TRANSFORMER CKT 2	6/1/2017	6/1/2017			\$ 68,788	\$ 2,000,000
					Total	\$ 423,799	\$ 135,020,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
WRGS AG2-2011-068

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
WRGS	75701826	WR	SPA	25	12/1/2011	12/1/2016	6/1/2017	6/1/2022	\$ -	\$ 1,770,000	\$ 11,405,903	\$ 22,391,904
									\$ -	\$ 1,770,000	\$ 11,405,903	\$ 22,391,904

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75701826	CARTHAGE - SUB 109 - ATLAS JCT. 161KV CKT 1 EMDE	6/1/2017	6/1/2017			\$ 3,253,968	\$ 8,200,000	\$ 5,480,013
	Chamber Springs - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017			\$ 55,673	\$ 40,500,000	\$ 116,155
	Chamber Springs - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017			\$ 55,673	\$ 40,500,000	\$ 136,428
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 1,918	\$ 500,000	\$ 6,080
	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 14,826	\$ 915,000	\$ 30,933
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 2,660	\$ 700,000	\$ 9,145
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015			\$ 7,789	\$ 2,195,343	\$ 22,365
	Gentleman - Hooker Co - Wheeler Co 345KV	12/1/2011	6/1/2017			\$ 916,676	\$ 265,950,000	\$ 1,925,595
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 49,399	\$ 3,300,000	\$ 99,068
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2017	6/1/2017			\$ 503,075	\$ 47,871,000	\$ 1,128,493
	Iatan - Jeffrey Energy Center 345 kv KACP	6/1/2012	6/1/2016		No	\$ 209,321	\$ 15,975,000	\$ 579,810
	Iatan - Jeffrey Energy Center 345 kv WERE	6/1/2012	6/1/2016		No	\$ 837,284	\$ 63,900,000	\$ 2,034,205
	Multi - Stateline - Joplin - Reinmiller conversion Accelerate	6/1/2017	6/1/2017			\$ 480,071	\$ 1,090,427	\$ 788,117
	MUND - PENTAGON 115KV CKT 1	6/1/2013	6/1/2015			\$ 66,884	\$ 2,738,300	\$ 177,121
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 EMDE	6/1/2013	6/1/2015		Yes	\$ 1,565,801	\$ 10,562,500	\$ 3,182,970
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	6/1/2013	6/1/2015		Yes	\$ 427,677	\$ 2,885,000	\$ 874,499
	NW Texarkana - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017			\$ 106,889	\$ 140,400,000	\$ 223,010
	NW Texarkana - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017			\$ 26,722	\$ 35,100,000	\$ 65,483
	SUB 110 - ORONOGO JCT. - SUB 432 - JOPLIN OAKLAND NORTH 161KV CKT 1	6/1/2017	6/1/2017			\$ 481,030	\$ 1,200,000	\$ 810,103
	SUB 349 - ASBURY - SUB 421 - PURCELL SOUTHWEST 161KV CKT 1	6/1/2017	6/1/2017			\$ 188,881	\$ 450,000	\$ 318,095
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	6/1/2013	6/1/2017			\$ 707,863	\$ 4,725,000	\$ 1,192,113
	Turk - McNeil 345 kv AEPW	12/1/2011	6/1/2017			\$ 297,348	\$ 72,750,000	\$ 620,379
	Wheeler - Shell Creek 345kv	12/1/2011	6/1/2017			\$ 260,658	\$ 81,750,000	\$ 547,545
	Wichita - Viola - Rose Hill 345 kv	12/1/2011	6/1/2017		No	\$ 887,817	\$ 108,000,000	\$ 2,024,182
Total						\$ 11,405,903	\$ 952,157,570	\$ 22,391,904

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75701826	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		Yes
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	10/1/2012	1/1/2015		
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	10/1/2012	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	10/1/2012	7/1/2014		
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	10/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	10/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE	10/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	10/1/2012	1/1/2015		
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	TUCO - WOODWARD 345 kv CKT 1 OKGE	10/1/2012	6/1/2014		No
	TUCO - WOODWARD 345 kv CKT 1 SPS	6/1/2014	6/1/2014		
	XFR - Medicine Lodge 345/138 kv	10/1/2012	1/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75701826	Multi - Centerton - Osage Creek 345 kv	10/1/2012	6/1/2016		
	Multi - Flint Creek - Centerton 345 kv and Centerton - East Centerton 161 kv	10/1/2012	6/1/2014		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75701826	Circle - Reno 345kv Dbl CKT	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kv Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kv Dbl CKT WERE	12/1/2011	6/1/2017		No
	Spearville - Mulgren 345kv Dbl CKT	12/1/2011	6/1/2017		No

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75701826	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	Mulgren - Circle 345kv Dbl CKT MKEC	6/1/2017	6/1/2017		
	Mulgren - Circle 345kv Dbl CKT WERE	6/1/2017	6/1/2017		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville - Mulgren 345kv Dbl CKT	6/1/2017	6/1/2017		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75701826	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			0.79%	100.00%
	SOVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			0.88%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			0.24%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			0.38%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 116,775	\$ 15,600,000
	Brookline - Compton Ridge 345 kV	12/1/2011	6/1/2017			1.73%	100.00%
	CARTHAGE - SUB 109 - ATLAS JCT. 161KV CKT 1 SWPA	6/1/2017	6/1/2017			\$ 198,413	\$ 500,000
	CARTHAGE (CRG X1) 161/69/13.8KV TRANSFORMER CKT 1	6/1/2012	6/1/2012			50.00%	100.00%
	CARTHAGE (CRG X2) 161/69/13.8KV TRANSFORMER CKT 1	6/1/2012	6/1/2012			50.00%	100.00%
	CLINTON - MONTROSE 161KV CKT 1 AECI	10/1/2012	6/1/2013		No	\$ -	\$ -
	Compton Ridge - Cox Creek 345 kV	12/1/2011	6/1/2017			0.22%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017			1.36%	100.00%
	Compton Ridge 345/161 kV Transformer	12/1/2011	6/1/2017			6.79%	100.00%
	Dolet Hills - Messick 345 kV CELE	12/1/2011	6/1/2017			\$ 139,624	\$ 53,250,000
	McNeil 500/345kV	12/1/2011	6/1/2017			\$ 49,047	\$ 12,000,000
	Messick 500/345kV	12/1/2011	6/1/2017			\$ 15,732	\$ 6,000,000
					Total	\$ 519,591	\$ 87,350,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Customer Study Number  
WRGS AG2-2011-069

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
WRGS	75701816	WR	SPA	25	12/1/2011	12/1/2016	6/1/2017	6/1/2022	\$ -	\$ 1,770,000	\$ 11,405,903	\$ 22,391,904
									\$ -	\$ 1,770,000	\$ 11,405,903	\$ 22,391,904

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75701816	CARTHAGE - SUB 109 - ATLAS JCT. 161KV CKT 1 EMDE	6/1/2017	6/1/2017			\$ 3,253,968	\$ 8,200,000	\$ 5,480,013
	Chamber Springs - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017			\$ 55,673	\$ 40,500,000	\$ 116,155
	Chamber Springs - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017			\$ 55,673	\$ 40,500,000	\$ 136,428
	CLEO CORNER 138KV	6/1/2013	6/1/2014		No	\$ 1,918	\$ 500,000	\$ 6,080
	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 14,826	\$ 915,000	\$ 30,933
	FT SMITH - MUSKOGEE 345KV CKT 1	6/1/2013	6/1/2013			\$ 2,660	\$ 700,000	\$ 9,145
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2015			\$ 7,789	\$ 2,195,343	\$ 22,365
	Gentleman - Hooker Co - Wheeler Co 345KV	12/1/2011	6/1/2017			\$ 916,676	\$ 265,950,000	\$ 1,925,595
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2017	6/1/2017			\$ 49,399	\$ 3,300,000	\$ 99,068
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2017	6/1/2017			\$ 503,075	\$ 47,871,000	\$ 1,128,493
	Iatan - Jeffrey Energy Center 345 kv KACP	6/1/2012	6/1/2016		No	\$ 209,321	\$ 15,975,000	\$ 579,810
	Iatan - Jeffrey Energy Center 345 kv WERE	6/1/2012	6/1/2016		No	\$ 837,284	\$ 63,900,000	\$ 2,034,205
	Multi - Stateline - Joplin - Reinmiller conversion Accelerate	6/1/2017	6/1/2017			\$ 480,071	\$ 1,090,427	\$ 788,117
	MUND - PENTAGON 115KV CKT 1	6/1/2013	6/1/2015			\$ 66,884	\$ 2,738,300	\$ 177,121
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 EMDE	6/1/2013	6/1/2015		Yes	\$ 1,565,801	\$ 10,562,500	\$ 3,182,970
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	6/1/2013	6/1/2015		Yes	\$ 427,677	\$ 2,885,000	\$ 874,499
	NW Texarkana - Ft Smith 345 kv AEPW	12/1/2011	6/1/2017			\$ 106,889	\$ 140,400,000	\$ 223,010
	NW Texarkana - Ft Smith 345 kv OKGE	12/1/2011	6/1/2017			\$ 26,722	\$ 35,100,000	\$ 65,483
	SUB 110 - ORONOJO JCT. - SUB 432 - JOPLIN OAKLAND NORTH 161KV CKT 1	6/1/2017	6/1/2017			\$ 481,030	\$ 1,200,000	\$ 810,103
	SUB 349 - ASBURY - SUB 421 - PURCELL SOUTHWEST 161KV CKT 1	6/1/2017	6/1/2017			\$ 188,881	\$ 450,000	\$ 318,095
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	6/1/2013	6/1/2017			\$ 707,863	\$ 4,725,000	\$ 1,192,113
	Turk - McNeil 345 kv AEPW	12/1/2011	6/1/2017			\$ 297,348	\$ 72,750,000	\$ 620,379
	Wheeler - Shell Creek 345kv	12/1/2011	6/1/2017			\$ 260,658	\$ 81,750,000	\$ 547,545
	Wichita - Viola - Rose Hill 345 kv	12/1/2011	6/1/2017		No	\$ 887,817	\$ 108,000,000	\$ 2,024,182
Total						\$ 11,405,903	\$ 952,157,570	\$ 22,391,904

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75701816	IATAN - NASHUA 345KV CKT 1	6/1/2012	6/1/2015		Yes
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	10/1/2012	1/1/2015		
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	10/1/2012	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	10/1/2012	7/1/2014		
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	10/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	10/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE	10/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	10/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	10/1/2012	1/1/2015		
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2012	10/1/2014		No
	TUCO - WOODWARD 345 kv CKT 1 OKGE	10/1/2012	6/1/2014		No
	TUCO - WOODWARD 345 kv CKT 1 SPS	6/1/2014	6/1/2014		
	XFR - Medicine Lodge 345/138 kv	10/1/2012	1/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75701816	Multi - Centerton - Osage Creek 345 kv	10/1/2012	6/1/2016		
	Multi - Flint Creek - Centerton 345 kv and Centerton - East Centerton 161 kv	10/1/2012	6/1/2014		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75701816	Circle - Reno 345kv Dbl CKT	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kv Dbl CKT MKEC	12/1/2011	6/1/2017		No
	Mulgren - Circle 345kv Dbl CKT WERE	12/1/2011	6/1/2017		No
	Spearville - Mulgren 345kv Dbl CKT	12/1/2011	6/1/2017		No

**Table 3 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade**

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75701816	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	Mulgren - Circle 345kv Dbl CKT MKEC	6/1/2017	6/1/2017		
	Mulgren - Circle 345kv Dbl CKT WERE	6/1/2017	6/1/2017		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville - Mulgren 345kv Dbl CKT	6/1/2017	6/1/2017		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75701816	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	10/1/2012	10/1/2012			0.79%	100.00%
	SOVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	10/1/2012			0.88%	100.00%
	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	10/1/2013	10/1/2013			0.24%	100.00%
	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	10/1/2012	10/1/2012			0.38%	100.00%
	BLACKBERRY - MORGAN 345KV CKT 1	6/1/2013	6/1/2015		No	\$ 116,775	\$ 15,600,000
	Brookline - Compton Ridge 345 kv	12/1/2011	6/1/2017			1.73%	100.00%
	CARTHAGE - SUB 109 - ATLAS JCT. 161KV CKT 1 SWPA	6/1/2017	6/1/2017			\$ 198,413	\$ 500,000
	CARTHAGE (CRG X1) 161/69/13.8KV TRANSFORMER CKT 1	6/1/2012	6/1/2012			50.00%	100.00%
	CARTHAGE (CRG X2) 161/69/13.8KV TRANSFORMER CKT 1	6/1/2012	6/1/2012			50.00%	100.00%
	CLINTON - MONTROSE 161KV CKT 1 AECI	10/1/2012	6/1/2013		No	\$ -	\$ -
	Compton Ridge - Cox Creek 345 kv	12/1/2011	6/1/2017			0.22%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	12/1/2011	6/1/2017			1.36%	100.00%
	Compton Ridge 345/161 kv Transformer	12/1/2011	6/1/2017			6.79%	100.00%
	Dolet Hills - Messick 345 kv CELE	12/1/2011	6/1/2017			\$ 139,624	\$ 53,250,000
	McNeil 500/345kv	12/1/2011	6/1/2017			\$ 49,047	\$ 12,000,000
	Messick 500/345kv	12/1/2011	6/1/2017			\$ 15,732	\$ 6,000,000
					Total	\$ 519,591	\$ 87,350,000

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

**Table 4 - Upgrade Requirements and Solutions Needed to Provide Transmission Service for the Aggregate Study**

Transmission Owner	Upgrade	Solution	Earliest Date Upgrade Required (DUN)	Estimated Date of Upgrade Completion (EOC)	Estimated Engineering & Construction Cost
AEFW	BANN - NW TEXARKANA-BANN T 138KV CRT 1	Rebuild 3.4 miles of 2-477 ACSR with 2156 ACSR. Reset Bann Relay	6/1/2017	6/1/2017	\$ 2,600,000
AEFW	Chamber Springs - Ft Smith 345 kV AEPW	Build 36 miles of 72 mile 345 kV line	12/1/2011	6/1/2017	\$ 40,500,000
AEFW	CLINTON JUNCTION - ELK CITY 138KV CRT 1	Reset CTs @ Elk City	12/1/2012	6/1/2013	\$ 15,000
AEFW	DIANA - PERDUE 138KV CRT 1 #2 Accelerate	Rebuild 21.85 mile Diana-Perdue 138 kV line. Replace switches, wave traps and jumpers, and upgrade CT ratios at Diana and Perdue. Upgrade relay settings @ Diana.	6/1/2017	6/1/2017	\$ 4,872,905
AEFW	FLINT CREEK - SILOAM SPRINGS TAP 345KV CRT 1 AEPW	Replace Terminal Equipment	6/1/2017	6/1/2017	\$ 915,000
AEFW	HIGHWAY 59 - TAHLEQUAH 161KV CRT 1 AEPW	RECONDUCTOR 95.2% Ownership of 47.84 Mile Line to 795A533	6/1/2013	6/1/2015	\$ 45,543,681
AEFW	HUGHES SPRINGS - JENKINS REC T 69KV CRT 1	Rebuild 4.76 miles	6/1/2017	6/1/2017	\$ 4,760,000
AEFW	KNOX LEE - SOUTH TEXAS EASTMAN 138KV CRT 1	Rebuild 5.5 miles	6/1/2017	6/1/2017	\$ 5,500,000
AEFW	Multi - Bonanza - North Huntington 69KV Accelerate	Rebuild and reconductor 4.0 miles of 4/0 ACSR 69 kV to 1590 ACSR 161 kV from converting North Huntington to Midland REC to 161 kV. Add 161 kV terminal at North Huntington. Rebuild and reconductor Midland REC. Midland from 69 kV 4/0 ACSR to 161 kV 1590 AC	6/1/2013	6/1/2015	\$ 7,641,105
AEFW	NORTH NEW BOSTON - NW TEXARKANA-BANN T 138KV CRT 1	Rebuild 14.19 miles	6/1/2017	6/1/2017	\$ 14,190,000
AEFW	NORTHWEST TEXARKANA - NW TEXARKANA-BANN T 138KV CRT 1	Rebuild 0.3 and Replace Switch @ NORTHWEST TEXARKANA	6/1/2013	6/1/2014	\$ 405,000
AEFW	NW Texarkana - Ft Smith 345 kV AEPW	Build 124.8 miles of 156 mile 345 kV line.	12/1/2011	6/1/2017	\$ 140,400,000
AEFW	Turk - McNeil 345 kV AEPW	Build 54 mile 345 kV line	12/1/2011	6/1/2017	\$ 72,750,000
AEFW	WILKES (WILKES) 345/138/13.2KV TRANSFORMER CRT 1	Replace auto	6/1/2017	6/1/2017	\$ 5,500,000
EMDE	CARTHAGE - SUB 109 - ATLAS JCT. 161KV CRT 1 EMDE	Reconstruct and replace 8.2 miles of 556 ACSR with Bundled 556 ACSR.	6/1/2017	6/1/2017	\$ 8,200,000
EMDE	SUB 349 - ASBURY - SUB 421 - PURCELL SOUTHWEST 161KV CRT 1	Install 3-winding transformer connecting Monett 376 161 kV bus to Monett 470 69 kV bus as part of multi line upgrade. Build new 6-mile Sub 383 - Monett 5 161 kV line as part of multi line upgrade. Build new 1.04-mile 69 kV line from new Monett S. substation	6/1/2017	6/1/2016	\$ 1,102,533
EMDE	Multi - Monett South Accelerate	Tear down the Riverton to Joplin 59 69 kV line, rebuilding the line to 161 kV from Stateline to outside Joplin 59 sub. Tear down and rebuild Joplin 59 to Gateway to Pillsbury to Reinmiller, converting those 69 kV lines to 161 kV. Tap the 161 kV line betwe	6/1/2017	6/1/2017	\$ 1,090,427
EMDE	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CRT 1 EMDE	Rebuild 88.5% ownership of 18.09 miles	6/1/2013	6/1/2015	\$ 10,622,500
EMDE	SUB 110 - ORONOJO JCT. - SUB 432 - JOPLIN OAKLAND NORTH 161KV CRT 1	Reconstruct and replace 1.4 miles of 556 ACSR with Bundled 556 ACSR.	6/1/2017	6/1/2017	\$ 1,200,000
EMDE	SUB 349 - ASBURY - SUB 421 - PURCELL SOUTHWEST 161KV CRT 1	Replace Terminal Equipment	6/1/2017	6/1/2017	\$ 450,000
EMDE	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CRT 1	Rebuild 7 miles	6/1/2013	6/1/2017	\$ 4,725,000
GRDA	GRDA1 - SILOAM SPRINGS TAP 345KV CRT 1	Replace Terminal Equipment	6/1/2017	6/1/2017	\$ 3,300,000
KACP	BIRMINGHAM - LIBERTY CITY 161KV CRT 1	Reconductor line with 1192 ACSR & upgrade terminal equipment for 1200 amps	6/1/2013	6/1/2014	\$ 4,500,000
KACP	Jatran - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV	6/1/2012	6/1/2016	\$ 15,975,000
KACP	REDLE - STINWELL 161KV CRT 1	Reconductor line. ACSR 1515	6/1/2013	6/1/2015	\$ 4,026,000
LES	SHELDON - SW7TH & PLEASANT HILL 115KV CRT 2 LES	Rebuild 15 miles	6/1/2013	6/1/2014	\$ 8,437,500
MIPFU	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CRT 1	Replace Prairie Lee 800 amp wavetraps with 1200 amp unit	6/1/2017	6/1/2017	\$ 150,000
MIPFU	BLUE SPRINGS EAST - GRAIN VALLEY 161KV CRT 1	Replace Grain Valley 800 amp wavetraps with 1200 amp unit	6/1/2017	6/1/2017	\$ 150,000
MIPFU	GRANDVIEW TAP - RICHARDS-GEBAUER AIR FORCE BASE 69KV CRT 1	Reconductor Line from 266 ACSR to 336 267	6/1/2017	6/1/2017	\$ 2,391,200
MIPFU	KCS SOUTH - LONGVIEW 161KV CRT 1	Replace wavetraps at Longview and KC South	6/1/2017	6/1/2017	\$ 305,000
MIPFU	LEXINGTON - RICHMOND 161KV CRT 1	Reconductor 8.4 miles of 477 to 795 ACSR + sub upgrades	6/1/2013	6/1/2015	\$ 8,400,000
MIPFU	LONGVIEW - WESTERN ELECTRIC 161KV CRT 1	Replace wavetraps at Longview and Western Electric	6/1/2017	6/1/2017	\$ 305,000
MIPFU	ORRICK - RICHMOND 161KV CRT 1	Reconductor 14 miles of 477 to 795 ACSR + sub upgrades	6/1/2013	6/1/2015	\$ 14,000,000
MIPFU	ORRICK - SIBLEYPL 161.00 161KV CRT 1	Reconductor 5 miles of 477 to 795 ACSR + sub upgrades	6/1/2013	6/1/2015	\$ 7,000,000
MIPFU	PLEASANT HILL 161/69KV TRANSFORMER CRT 1	Replace Transformer	6/1/2017	6/1/2017	\$ 4,650,000
MIPFU	RALPH GREEN 69KV	Add 12 MVAR cap bank at Ralph Green	6/1/2017	6/1/2017	\$ 560,000
MKEC	CIMARRON RIVER PLANT - GRAY CO SUB 1T 115KV CRT 1	Construct approximately 47 miles of new 115kV.	12/1/2011	6/1/2015	\$ 26,437,500
NPPD	BROKEN BOW - ORD - NORTH LOUP 115KV CRT 1	Build approx. 35 mi. 115kV Broken Bow - Ord & Rebuild Approx. 12 mi. 115kV Ord - North Loup	10/1/2012	6/1/2016	\$ 19,600,000
NPPD	CANADAY - ELM CREEK 115KV CRT 1	Increase clearances to 100 Deg C and upgrade terminal equipment (PCB, DISC, WVTTP, CT, BUS) to effect higher rating.	10/1/2012	6/1/2014	\$ 9,187,500
NPPD	ELM CREEK - KEARNEY 115KV CRT 1	Increase clearances to 100 Deg C and upgrade terminal equipment (PCB, DISC, WVTTP, CT, BUS) to effect higher rating.	10/1/2012	6/1/2014	\$ 6,562,500
NPPD	Gentleman - Hooker Co - Wheeler Co 345KV	Build 236.4 mile 345 kV line	12/1/2011	6/1/2017	\$ 265,950,000
NPPD	SHELDON - SW7TH & PLEASANT HILL 115KV CRT 2 NPPD	Replace Terminal Equipment	6/1/2013	6/1/2014	\$ 303,750
NPPD	Shell Creek 345/230KV	Addr 345/230KV Transformer	12/1/2011	6/1/2017	\$ 6,000,000
NPPD	Wheeler - Shell Creek 345KV	Build 62 mile 345 kV line	12/1/2011	6/1/2017	\$ 81,750,000
OKGE	S TRIBES - HANCOCK 161KV CRT 1 #2	Reconductor 2.87 miles of line to 1590A52 and replace, 1-161kV breaker, switches @ Hancock & switches, @ Five Tribes.	6/1/2013	6/1/2015	\$ 3,770,000
OKGE	S TRIBES - PECAN CREEK 161KV CRT 1	Reconductor 4.07 miles of line to 1590A52 and replace 2-wave traps, 1-161kV breaker, 3-switches @ Five Tribes & 5-switches, relaying @ Pecan Creek	6/1/2013	6/1/2015	\$ 2,850,000
OKGE	ADA INDUSTRIAL - PARKLN 2 69KV CRT 1	Replace Terminal Equipment	6/1/2017	6/1/2017	\$ 350,000
OKGE	ADA OC PUMP - ADA OC PUMP TAP 69KV CRT 1	Rebuild 3.28 miles	6/1/2017	6/1/2017	\$ 2,296,000
OKGE	AGENCY - PECAN CREEK 161KV CRT 1	Reconductor 7 miles and Replace Terminal Equipment	1/1/2016	1/1/2016	\$ 7,350,000
OKGE	AHLOSO TAP - PARKLN 2 69KV CRT 1	Replace Terminal Equipment	6/1/2017	6/1/2017	\$ 350,000
OKGE	Chamber Springs - Ft Smith 345 kV OKGE	Build 36 miles of 72 mile 345 kV line	12/1/2011	6/1/2017	\$ 40,500,000
OKGE	CLEO CORNER - GLASS MOUNTAIN 138KV CRT 1	Rebuild 26.1 miles	6/1/2013	6/1/2015	\$ 13,500,000
OKGE	CLEO CORNER 138KV	Install 21 MVAR Capacitor Bank in Cleo Corner SUB	6/1/2013	6/1/2014	\$ 500,000
OKGE	EL RENO - ROMAN NOSE 138KV CRT 1	Rebuild 31.1 mile El Reno - Roman Nose	6/1/2013	6/1/2015	\$ 16,000,000
OKGE	EL RENO - MUSKOGEE 345KV CRT 1	Replace 1600 amp 345 kV CT in both Muskogee and Ft. Smith Subs	6/1/2013	6/1/2013	\$ 700,000
OKGE	FT SMITH (FTSMITH) 500/345/13.8KV TRANSFORMER CRT 1 Accelerate	Install 2nd 500/345 kV bus tie in Ft. Smith Sub	10/1/2012	6/1/2015	\$ 2,195,343
OKGE	HIGHWAY 59 - TAHLEQUAH 161KV CRT 1 OKGE	RECONDUCTOR 8.8% Ownership of 47.84 Mile Line to 795kcmil	6/1/2013	6/1/2015	\$ 2,296,320
OKGE	HIGHWAY 59 - VBI 161KV CRT 1	Replace 600A Switch 131 in VBI Substation with 1200A and rebuild 1.12 to 795kcmil	10/1/2012	6/1/2015	\$ 1,450,000
OKGE	MUSKOGEE - MUSKOGEE TAP 161KV CRT 1 OKGE	Replace 800A wave trap at Muskogee and increase relay CTR to 1200-5.	6/1/2013	6/1/2014	\$ 350,000
OKGE	NW Texarkana - Ft Smith 345 kV OKGE	Build 31.2 miles of 156 mile 345 kV line	12/1/2011	6/1/2017	\$ 35,100,000
OKGE	PECAN CREEK (PECANCK1) 345/161/13.8KV TRANSFORMER CRT 1	Replace Transformer	6/1/2017	6/1/2017	\$ 5,500,000
OKGE	ROMAN NOSE - SOUTHWARD 138KV CRT 1	Rebuild 17.3 mile 138 kV Southard - Roman Nose Line	6/1/2013	6/1/2015	\$ 9,000,000
SPS	CANYON EAST SUB - RANDALL COUNTY INTERCHANGE 115KV CRT 1 Accelerate	Reconductor 18 miles	6/1/2012	6/1/2014	\$ 2,561,127
SPS	Line - Osage Station and Line Re-termination Accelerate	Construct approximately 2 miles of new 115 kV line from Randall Co. with 795 ACSR. Tie new line into V70 around (not to) Osage Substation. Add new 115 kV terminal at Randall Co. interchange. (Re-build Randall 115 kV bus to breaker and one-half design.)	6/1/2012	6/1/2014	\$ 213,700
SPS	Line - Randall - South Georgia 115KV reconductor Accelerate	Line - Randall - South Georgia 115kV reconductor	6/1/2012	6/1/2014	\$ 455,244
SPS	OXY PERMIAN SUB - SANGER SWITCHING STATION 115KV CRT 1 Accelerate	Reconductor from Sanger switch to OXY PERMIAN SUB	6/1/2013	6/1/2014	\$ 500,000
SUNC	RULETON 115KV Capacitor	Install addition 12 MVAR Capacitor at Ruleton 115KV	6/1/2013	6/1/2015	\$ 500,000
WERE	FORBES FIELD 115KV	Install 14.4 MVAR Capacitor at FORBES FIELD 115KV	1/1/2016	1/1/2016	\$ 850,000
WERE	HOYT - JEFFREY ENERGY CENTER 345KV CRT 1	Reconductor 24.8 miles	6/1/2017	6/1/2017	\$ 47,871,000
WERE	Jatran - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV	6/1/2012	6/1/2016	\$ 63,900,000
WERE	MOUND RIDGE (MOUND10X) 138/115/13.8KV TRANSFORMER CRT 1	Install New (2nd) 138/115 kV XFR at Moundridge	10/1/2013	6/1/2015	\$ 4,400,000
WERE	MUND - PENTAGON 115KV CRT 1	Rebuild 2.78 miles	6/1/2013	6/1/2015	\$ 2,738,300
WERE	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CRT 1 WERE	Rebuild 13.5% ownership of 18.09 miles	6/1/2013	6/1/2015	\$ 2,885,000
WERE	Wichita - Viola - Rose Hill 345 kV	Build 96 mile 345 kV	12/1/2011	6/1/2017	\$ 108,000,000
WFEC	CANTON - OKEENE 69KV CRT 1 #1	Reset CT	12/1/2012	6/1/2013	\$ 225,000
WFEC	CANTON - OKEENE 69KV CRT 1 #2	Rebuild 19.12 miles to 1113 kcmil	12/1/2012	6/1/2014	\$ 10,755,000
WFEC	CORN TAP - PAOLI 138KV CRT 1	Reset CT	6/1/2017	6/1/2017	\$ 225,000
WFEC	DOVER SW - OKEENE 138KV CRT 1	Rebuild 27.15 miles to 795ACSR	6/1/2013	6/1/2015	\$ 15,272,000
WFEC	GLASS MOUNTAIN - MOORELAND 138KV CRT 1	Rebuild 23.3 mile line to 795A533	12/1/2012	6/1/2015	\$ 13,106,250



**Table 4 - Upgrade Requirements and Solutions Needed to Provide Transmission Service for the Aggregate Study**

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)
AEFW	CARNEGIE - HOBART JUNCTION 138KV CKT 1 Accelerated	Rebuild 26.15 miles of 397 ACSR with 1272 ACSR and replace switches, wavetraps & reset CT @ Hobart Jct.	6/1/2013	6/1/2015
AEFW	CARNEGIE - SOUTHWESTERN STATION 138KV CKT 1 Accelerated	Rebuild 14.37 miles of 397 ACSR with 1272 ACSR and replace wave trap and jumpers at Southwestern Station	6/1/2013	6/1/2015
AEFW	CDARGROVE - SOUTH SHREVEPORT 138KV CKT 1	Rebuild 2.3 miles of 654 ACSR with 1590 ACSR. Replace breaker, switches & jumpers @ S. Shreveport. Replace Cedar Grove switch.	6/1/2017	6/1/2017
AEFW	DIANA (DIANA 3) 345/138/13.8KV TRANSFORMER CKT 3	Replace auto with new 450 MVA.	6/1/2017	6/1/2017
KACP	BIRMINGHAM - HAWTHORN 161KV CKT 1	Reconductor line with 1192 ACSS & upgrade terminal equipment for 1200 amps	6/1/2013	6/1/2014
MIDW	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #1	Replace Wavetraps	6/1/2012	6/1/2012
MIDW	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	Rebuild	6/1/2012	6/1/2014
MIDW	HAYS PLANT - VINE STREET 115KV CKT 1	Replace Wavetraps	6/1/2012	6/1/2013
MKEC	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC	Rebuild MKEC portion of the Clearwater-Milan tap 115 kv	12/1/2011	6/1/2015
MKEC	CLIFTON - GREENLEAF 115KV CKT 1	Rebuild 14.4 miles	10/1/2012	6/1/2013
MKEC	FLATROD 138 00 - HARPER 138KV CKT 1	Rebuild 24.15 mile line	12/1/2011	6/1/2013
MKEC	GRAY CO SUB 1-Judson LRG 115KV CKT 2	Construct approximately 16 miles of new 115KV for 2nd circuit	12/1/2011	6/1/2015
MKEC	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	Rebuild 43.5% Ownership of 20.9 miles	10/1/2012	6/1/2013
MKEC	HARPER - MILAN TAP 138KV CKT 1 #1	Replace wave trap at Harper substation.	12/1/2011	6/1/2015
MKEC	HARPER - MILAN TAP 138KV CKT 1 #2	Rebuild 22.1 miles	12/1/2011	6/1/2015
MKEC	Judson Large - North Judson Large 115KV CKT 2	Construct approximately 1 mile of new 115KV for 2nd circuit	12/1/2011	6/1/2015
MKEC	MEDICINE LODGE - PRATT 115KV CKT 1	Rebuild 26 mile line	12/1/2011	6/1/2013
MKEC	MEDICINE LODGE (MED-LDGA) 138/115/2.72KV TRANSFORMER CKT 1	Upgrade transformer	10/1/2012	6/1/2013
MKEC	Mulgren - Circle 345KV dbi CKT MKEC	Build ownership of approximately 79 miles of double 345KV Mulgren - Circle	12/1/2011	6/1/2017
MKEC	Mulgren - Circle 345KV dbi CKT WERE	Build ownership of approximately 79 miles of double 345KV Mulgren - Circle	12/1/2011	6/1/2017
MKEC	North Judson Large - Spearville 115KV CKT 2	Construct approximately 15 miles of new 115KV for 2nd circuit	12/1/2011	6/1/2015
MKEC	Spearville - Mulgren 345KV DBI CKT	Build approximately 74 miles of double 345KV Spearville - Mulgren	12/1/2011	6/1/2017
NPPD	KELLY - MADISONCO 230.00 230KV CKT 1	Raise structures and line clearances as necessary to re-rate the transmission line to 320MVA	6/1/2013	11/1/2014
OKGE	5 TRIBES - HANCOCK 161KV CKT 1 #1	Replace 800A Wave Trap, increase Relay CTR to 1200-5A.	10/1/2012	6/1/2013
OKGE	GRACMNT4 138 00 - WASHITA 138KV CKT 2 OKGE	Build 138KV Terminal	6/1/2012	6/1/2012
OKGE	NORTHWEST 345/138/13.8KV TRANSFORMER CKT 3 Accelerated	Install three 345/138 kv bus Tie in Northwest Sub	6/1/2013	6/1/2015
SPS	Cummingham-Hobbs 230KV	Reconductor Cummingham-Lea County 230KV to Hobbs	6/1/2013	6/1/2015
SPS	HOBBS INTERCHANGE 230/115KV TRANSFORMER CKT 2	Add Second Transformer	6/1/2013	6/1/2015
SPS	LE-Lovington-Hobbs 115KV	Reconductor LE-Lovington-Lea County 115KV to Hobbs	6/1/2013	6/1/2015
SPS	Midland - Hobbs 345KV conversion	Convert to 345KV operation	6/1/2013	6/1/2015
SPS	Yokum-Hobbs 230KV	Reconductor Yokum-Lea County 230KV to Hobbs	6/1/2013	6/1/2015
SUNC	Spearville 345/115/13.8KV Transformer CKT 3	Install 345/115/13.8KV Transformer CKT 3 at Spearville	12/1/2011	6/1/2015
WERE	CHAPMAN JUNCTION 115KV	Install 14.4 MVAR capacitor at Chapman Junction 115 kv	6/1/2017	6/1/2017
WERE	Circle - Reno 345KV dbi CKT	Build approximately 6 miles of double 345KV Circle - Reno	12/1/2011	6/1/2017
WERE	CLEARWATER - MILAN TAP 138KV CKT 1 WERE	Rebuild WERE portion of the Clearwater-Milan tap 115 kv	12/1/2011	6/1/2015
WERE	EL PASO - FABER 138KV CKT 1	Tear down / Rebuild 3.1 miles with dual 477 ACSR	6/1/2013	6/1/2015
WERE	Mulgren - Circle 345KV dbi CKT WERE	Build ownership of approximately 79 miles of double 345KV Mulgren - Circle	12/1/2011	6/1/2017
WFEC	CANTON - TALOGA 69KV CKT 1	Upgrade Canton to Taloga to 1113 kcmil	12/1/2012	6/1/2013
WFEC	CANTON - TALOGA 69KV CKT 1	UPGRADE CANTON TO TALOGA TO 336.4	12/1/2012	6/1/2013
WFEC	GRACMNT4 138 00 - WASHITA 138KV CKT 2 WFEC	Build approximately 6 miles of 138KV.	6/1/2012	6/1/2012
WFEC	LAKE CREEK - LONEWOLF 69KV CKT 1	Reset CT.	6/1/2013	6/1/2013

**Planned 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)
SPS	KRESS INTERCHANGE - RANDALL COUNTY INTERCHANGE 115KV CKT 1	Reconductor Randall - Kress 115 kv with 795 ACSR	10/1/2012	10/1/2012

**Expansion Plan 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)
AEFW	DIANA - PERDUE 138KV CKT 1 #1	Replace Breakers 9310 & 10080 & five switches @ Perdue. Replace switch 12798 @ Diana	6/1/2017	6/1/2017
AEFW	EASTON REC - KNOX LEE 138KV CKT 1	Replace the Knox Lee wavetraps and reset the CTs	6/1/2017	6/1/2017
AEFW	EASTON REC - PIRKEY 138KV CKT 1	Replace breaker, wavetraps, and reset relays at Pirkey.	6/1/2017	6/1/2017
AEFW	LOGANSPOUT 138KV CAPACITOR	Install 28.8 MVAR capacitor bank at Logansport 138 kv substation.	6/1/2017	6/1/2017
AEFW	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	Build a new 76 mile 345 kv line from Valliant to NW Texarkana with at least 3000 A capacity. Upgrade the Valliant and NW Texarkana substations with the necessary breakers and terminal equipment.	10/1/2012	10/1/2014
EMDE	SUB 170 - NICHOLS ST. - SUB 345 - REPUBLIC NORTHEAST 69KV CKT 1	Reconductor 9.85 miles of 69 kv 1/0 Cu between Sub #170 and Sub #345 with 555 ACSR	6/1/2017	6/1/2017
EMDE	SUB 170 - NICHOLS ST. - SUB 80 - MARSHFIELD JCT. 69KV CKT 1	Reconductor 8.92 mile Nichols - Sedalia 69 kv with 556 ACSR and upgrade CTs.	1/1/2012	6/1/2012
EMDE	SUB 345 - REPUBLIC NORTHEAST - SUB451-REPUBLIC 69KV CKT 1	Reconductor 3.58 miles of 69 kv 1/0 Cu between Sub #345 and Sub #451 with 556 ACSR	6/1/2017	6/1/2017
KACP	IATAN - NASHUA 345KV CKT 1	Tap Nashua 345KV bus in Hawthorn - St. Joseph 345 kv line. Build new 345 kv line from Iatan to Nashua. Add Nashua 345/161 kv	6/1/2012	6/1/2015
MKEC	Line - Comanche County - Medicine Lodge 345 kv dbi ckt	Build a new 55 mile double circuit 345 kv line	10/1/2012	1/1/2015
MKEC	Line - Medicine Lodge - Wichita 345 kv dbi ckt MKEC	Build a new 35 mile double circuit 345 kv line with at least 3000 A capacity from the new Medicine Lodge 345 kv substation to the WR interception from the Wichita substation.	10/1/2012	1/1/2015
MKEC	Line - Medicine Lodge - Woodward 345 kv dbi Ckt MKEC	Build a new 28.6 mile dbi ckt 345 kv line with at least 3000 A capacity from the Medicine Lodge sub to the KS/OK state border towards the Woodward District EHV sub. Install the necessary breakers and terminal equipment at the Medicine Lodge sub.	10/1/2012	1/1/2015
MKEC	Line - Spearville - Comanche County 345 kv dbi ckt MKEC	Build a new 27.5 mile double circuit 345 kv line	10/1/2012	1/1/2015
MKEC	XFR - Medicine Lodge 345/138 kv	Install a 400 MVA 345/138 kv transformer at the new 345 kv Medicine Lodge substation.	10/1/2012	1/1/2015
NPPD	CANADAY - LEXINGTON 115KV CKT 1	Increase clearances to 100 Deg C and upgrade terminal equipment (PCB, DISC, WVTRP, CT, BUS) to effect higher rating.	10/1/2012	6/1/2013
OKGE	Line - Hitchland - Woodward 345 kv dbi ckt OKGE	Build a new 60.5 mile double circuit 345 kv line	10/1/2012	7/1/2014
OKGE	Line - Medicine Lodge - Woodward 345 kv dbi Ckt OKGE	Build a new 79 mile dbi ckt 345 kv line with at least 3000 A capacity from the Woodward District EHV sub to the KS/OK state border towards the Medicine Lodge sub. Upgrade the Woodward District EHV sub with the necessary breakers and terminal equipment.	10/1/2012	1/1/2015
OKGE	TUCO - WOODWARD 345 KV CKT 1 OKGE	Build new 345 kv line from Woodward EHV to Tuco	10/1/2012	6/1/2014
SPS	Line - Hitchland - Woodward 345 kv dbi ckt SPS	Build a new 60.5 mile double circuit 345 kv line	10/1/2012	7/1/2014
SPS	TUCO - WOODWARD 345 KV CKT 1 SPS	Build new 345 kv line from Woodward EHV to Tuco	6/1/2014	6/1/2014
SPS	WOLFFORTH INTERCHANGE - YUMA INTERCHANGE 115KV CKT 1	Replace Wavetraps, CTs and any 397.5 ACSR jumpers ant Wolfforth & Yuma to bring line rating up to the bundled 4/0 ACSR ratings of 192 MVA. Build a new 27.5 mile double circuit 345 kv line with at least 3000 A capacity from the Spearville substation to the MKEC interception point from the new Comanche County substation.	6/1/2013	6/1/2013
SUNC	Line - Spearville - Comanche County 345 kv dbi ckt SUNC	Build a new 27.5 mile double circuit 345 kv line with at least 3000 A capacity from the Spearville substation to the MKEC interception point from the new Comanche County substation.	10/1/2012	1/1/2015
WERE	87th Street Interconnection	Add new substation by tapping Stranger-Craig 345KV, add 560MVA three winding transformer, new substation tapping 95th & Waverly-Monticello 115KV, tear down and rebuild existing line as new double circuit.	6/1/2012	6/1/2013
WERE	Line - Medicine Lodge - Wichita 345 kv dbi ckt WERE	Build a new 35 mile double circuit 345 kv line	10/1/2012	1/1/2015

**Table 4 - Upgrade Requirements and Solutions Needed to Provide Transmission Service for the Aggregate Study**

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)
AEPW	Multi - Centerton - Osage Creek 345 kv	Install 9 miles of 345 kv line from Shipe Road to East Rogers, Install 32 miles of 345 kv line from East Rogers to Osage Creek, and install new 345/161 kv transformer at Osage Creek	10/1/2012	6/1/2016
AEPW	Multi - Flint Creek - Centerton 345 kv and Centerton- East Centerton 161 kv	Install 22 miles of new 345 kv, 2-954 ACSR line. And install 345/161 kv transformer at Centerton	10/1/2012	6/1/2014
EMDE	SUB 109 - ATLAS JCT. - SUB 360 - JOPLIN NORTHEAST 69KV CKT 1	Reconductor 3.11 mi of 336 ACSR to 556 ACSR, replace bus work at both ends of line, increase CT ratio to 800:5, replace jumpers at both ends.	6/1/2017	6/1/2017
EMDE	SUB 284 - JOPLIN EAST 5TH ST. - SUB 64 - JOPLIN 10TH ST. 69KV CKT 1	Reconductor 0.75mi of 336 ACSR to 556 ACSR.	6/1/2017	6/1/2017
MKEC	PRATT - ST JOHN 115KV CKT 1	Rebuild 21.9 mile St. John - Pratt 115 kv line with 795 ACSR conductor.	10/1/2012	6/1/2013
SPS	DEAF SMITH COUNTY INTERCHANGE (GE M101353) 230/115/13.2KV TRANSFORMER CKT 1	Upgrade 230/115 kv transformer to match transformer #1.	6/1/2012	6/1/2013
SPS	PLANT X STATION (VH ALM20171) 230/115/13.2KV TRANSFORMER CKT 1	Replace Transformer	6/1/2013	6/1/2015
SPS	SWISHER COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 1	Upgrade the Swisher County 230/115 kv TF.	6/1/2013	6/1/2014
WERE	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	Replace 308MVA Auburn transformer with 400MVA Ogallala transformer	6/1/2015	6/1/2015

Network Upgrades requiring credits per Attachment 22 of the SPP OATT.

Transmission Owner	Upgrade	Solution	Earliest Date Upgrade Required (DUN)	Estimated Date of Upgrade Completion (EOC)
AEPW	ALUMAX TAP - BANN 138KV CKT 1	Replace six (6) 138 kv switches, five at Bann & one at Alumax Tap. Rebuild 0.67 miles of 1024 ACAR with 2156 ACSR. Replace wavetraps & jumpers @ Bann. Replace breaker 3300 @ Bann.	6/1/2008	6/1/2008
AEPW	ASHDOWN REC (MILLWOOD) - OKAY 138KV CKT 1	Reconductor and convert line to 138 kv and replace switches at Ashdown REC	7/1/2012	7/1/2012
AEPW	ASHDOWN REC (MILLWOOD) - PATTERSON 138KV CKT 1	Reconductor Line & Convert Line to 138 kv and convert Patterson station to breaker-and-a-half configuration	7/1/2012	7/1/2012
AEPW	BANN - RED SPRINGS REC 138KV CKT 1	Replace 138 kv breakers 3300 & 3310	7/1/2012	7/1/2012
AEPW	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW	Reconductor 1.9 miles with ACCC. Replace wave trap jumpers at Riverside.	6/1/2009	6/1/2009
AEPW	HUGO POWER PLANT - VALLIANT 345 KV AEPW	Valliant 345 kv line terminal	7/1/2012	7/1/2012
AEPW	MCNAB REC - TURK 115KV CKT 1	Build a new two mile, 138 kv, 1590 ACSR line section (operated at 115 kv) from Turk Substation to the existing Okay- Hope 115 kv line to form a Turk - Hope 115 kv line.	7/1/2012	7/1/2012
AEPW	OKAY - TURK 138KV CKT 1	Build two mile, 138 kv, 1590ACSR line section from Turk Sub to existing Okay-Hope 115 kv line and rebuild twelve miles of 115 kv line to Okay Sub to 138 kv, 1590 ACSR, to form a Turk-Okay 138 kv line	7/1/2012	7/1/2012
AEPW	SE TEXARKANA - TURK 138KV CKT 1	Build new Turk-SE Texarkana 138 kv line and add SE Texarkana 138 kv terminal.	7/1/2012	7/1/2012
AEPW	SUGAR HILL - TURK 138KV CKT 1	Build new Turk-Sugar Hill 138 kv line and add Sugar Hill 138 kv terminal.	7/1/2012	7/1/2012
EMDE	SUB 110 - ORONOJO JCT. - SUB 167 - RIVERTON 161KV CKT 1	Reconductor Oronogo 59467 to Riverton 59469 with Bundled 556 ACSR	6/1/2011	6/1/2011
KACP	LACYGNE - WEST GARDNER 345KV CKT 1	KCPJ Sponsored Project to Reconductor Line to be In-Service by 6/1/2006	6/1/2006	6/1/2006
MKEC	CLIFTON - GREENLEAF 115KV CKT 1	Rebuild 14.4 miles	6/1/2011	6/1/2013
MKEC	FLATROD3 138.00 - MEDICINE LODGE 138KV CKT 1	Rebuild 8.05 mile line	12/1/2009	6/1/2013
MKEC	FLATROD3 138.00 - HARPER 138KV CKT 1	Rebuild 24.15 mile line	12/1/2009	6/1/2013
MKEC	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	Rebuild 43.5M Ownership of 20.9 miles	6/1/2013	6/1/2013
MKEC	MEDICINE LODGE - SAWYER 115KV CKT 1	Rebuild line	12/1/2009	6/1/2013
MKEC	Mulgren - Circle 345KV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345KV Mulgren - Circle	6/1/2017	6/1/2017
MKEC	Mulgren - Circle 345KV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345KV Mulgren - Circle	6/1/2017	6/1/2017
MKEC	SAWYER - PRATT 115KV CKT 1	Rebuild line	12/1/2009	6/1/2013
MKEC	Spearville - Mulgren 345KV Dbl CKT	Build approximately 74 miles of double 345KV Spearville - Mulgren	6/1/2017	6/1/2017
NPPD	ALBION - PETERSBURG 115KV CKT 1	Replace Breaker Switch 1106-D and jumpers at Albion. Replace main bus at Petersburg. Upgrade and replace transmission structures on 115 kv line to facilitate 100 degrees Centigrade line operation.	1/1/2013	1/1/2013
NPPD	FT RANDAL - MADISONCO 230.00 230KV CKT 1	Raise structures and line clearances as necessary to re-rate the transmission line to 320MVA	11/1/2014	11/1/2014
NPPD	KELLY - MADISONCO 230.00 230KV CKT 1	Raise structures and line clearances as necessary to re-rate the transmission line to 320MVA	11/1/2014	11/1/2014
NPPD	NELIGH - PETERSBURG 115KV CKT 1	Replace Breaker 1106, jumpers, and 115 kv Switch 1106-D2 at Neligh. Replace main bus at Petersburg. Upgrade and replace transmission structures on 115 kv line to facilitate 100 degrees Centigrade line operation.	1/1/2013	1/1/2013
OKGE	BEELINE - EXPLORER GLENPOOL 138KV CKT 1	Reconductor 92miles of line with Drake ACCC/TW.	6/1/2009	6/1/2009
OKGE	KNOBHILL (KNOBHILL) 138/69/13.2KV TRANSFORMER CKT 1	Replace bus tie with 100MVA transformer	6/1/2006	6/1/2008
OKGE	NORTHWEST - TATONGA 345KV CKT 1	Build 345 kv line	1/1/2010	1/1/2010
OKGE	TATONGA - WOODWARD 345KV CKT 1	Build 345 kv line	1/1/2010	1/1/2010
OKGE	WOODWARD - IODINE 138KV CKT 1	Tap Iodine to Woodward 138 kv line	1/1/2010	1/1/2010
OKGE	WOODWARD - WOODWARD ERV 138KV CKT 1	Build 5 miles of 138 kv and install terminal equipment	1/1/2010	1/1/2010
OKGE	WOODWARD - WOODWARD ERV 138KV CKT 2	Build 5 miles of 138 kv and install terminal equipment	1/1/2010	1/1/2010
OKGE	WOODWARD 345/138KV TRANSFORMER CKT 1	Install 345/138 kv XF	1/1/2010	1/1/2010
SPS	CHERRY 230.00 - Harrington Station East Bus 230KV CKT 1	Replace wavetraps at Harrington East	6/1/2015	6/1/2015
SPS	Cunningham-Hobbs 230kv	Reconductor Cunningham-Lea County 230kv to Hobbs	6/1/2015	6/1/2015
SPS	HOBBS INTERCHANGE 230/115KV TRANSFORMER CKT 2	Add Second Transformer	6/1/2015	6/1/2015
SPS	LE-Lovington-Hobbs 115kv	Reconductor LE-Lovington-Lea County 115kv to Hobbs	6/1/2015	6/1/2015
SPS	Midland - Hobbs 345kv conversion	Convert to 345kv operation	6/1/2015	6/1/2015
SPS	Yoakum-Hobbs 230kv	Reconductor Yoakum-Lea County 230kv to Hobbs	6/1/2015	6/1/2015
WERE	Circle - Reno 345KV Dbl CKT	Build approximately 6 miles of double 345KV Circle - Reno	6/1/2017	6/1/2017
WERE	DEARING 138KV Capacitor	Dearing 138 kv 20 MVAR Capacitor Addition	6/1/2012	6/1/2012
WERE	Mulgren - Circle 345KV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345KV Mulgren - Circle	6/1/2017	6/1/2017
WFEC	ALTUS SW - NAVAJO 69KV CKT 1	Upgrade Terminal Equipment at Altus SW, 300-600A, new rating conductor 53/65MVA	6/1/2013	6/1/2013
WFEC	CANTON - TALOGA 69KV CKT 1	Upgrade Canton to Taloga to 1113 kcmil	6/1/2011	6/1/2013
WFEC	CANTON - TALOGA 69KV CKT 1	UPGRADE CANTON TO TALOGA TO 336.4	6/1/2011	6/1/2013
WFEC	FT SUPPLY 138/69KV TRANSFORMER CKT 1	Install 2nd 70 MVA auto at Ft Supply	12/1/2006	6/1/2008
WFEC	APACHE CD SUBT 138.00 - PARADISE 138KV CKT 1	Upgrade Paradise to APACHE CD SUBT to 1113	6/1/2010	6/1/2013
WFEC	HUGO POWER PLANT - VALLIANT 345 kv WFEC	New 19 miles 345 kv	7/1/2012	7/1/2012
WFEC	HUGO POWER PLANT 345/138KV TRANSFORMER CKT 1	New 345/138 kv Auto	7/1/2012	7/1/2012
WFEC	TALOGA (TALOGA) 138/69/13.8KV TRANSFORMER CKT 1	Auto XFMR 56 to 112MVA	10/1/2010	6/1/2013

Table 5 - Third Party Facility Constraints

Transmission Owner	UpgradeName	Solution	Earliest Date Upgrade Required (DUN)	Estimated Date of Upgrade Completion (EOC)	Estimated Engineering & Construction Cost
AECI	SOVERTON 161.00 - HUNTSDALE 161KV CKT 1 AECI	Indeterminate	6/1/2013	6/1/2013	Indeterminate
AECI	SPERCHE 161.00 - HUNTSDALE 161KV CKT 1 AECI	Indeterminate	6/1/2013	6/1/2013	Indeterminate
AECI	BLACKBERRY - MORGAN 345KV CKT 1	Reconductor line with 1192 ACSR, 52 miles	6/1/2013	6/1/2015	\$ 15,600,000
AECI	CLINTON - MONTROSE 161KV CKT 1 AECI	Upgrade limiting terminal equipment at Clinton	10/1/2012	6/1/2013	Indeterminate
AECI	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1 AECI	Indeterminate	12/1/2011	6/1/2017	Indeterminate
AECI	GRAY TAP - PENSACOLA 69KV CKT 1	Rebuild 4.4 mile line to 795 ACSR	6/1/2013	6/1/2015	\$ 1,980,000
AECI	GRAY TAP - ZENA TAP 69KV CKT 1	Rebuild 8.1 mile line	6/1/2013	6/1/2015	\$ 3,645,000
AECI	HARRISONVILLE 161/69KV TRANSFORMER CKT 1	Indeterminate	6/1/2013	6/1/2013	Indeterminate
AECI	JAY - ZENA TAP 69KV CKT 1	Rebuild 6.5 mile line	6/1/2013	6/1/2015	\$ 2,925,000
AECI	LAMAR 161/69KV TRANSFORMER CKT 1	Indeterminate	6/1/2012	6/1/2012	Indeterminate
AECI	LIBERTY TAP - SALLISAW 161KV CKT 1 AECI	Indeterminate	6/1/2013	6/1/2015	\$ 6,500,000
AECI	LIBERTY TAP - VAN BUREN 161KV CKT 1 AECI	Indeterminate	6/1/2013	6/1/2013	Indeterminate
AECI	LOCUST CREEK 161/69KV TRANSFORMER CKT 1	Indeterminate	6/1/2017	6/1/2017	Indeterminate
AECI	PLATTE CITY 161/69KV TRANSFORMER CKT 1	Indeterminate	6/1/2013	6/1/2013	Indeterminate
AECI	WEST PLAINS 161/69KV TRANSFORMER CKT 1	Replace with 84 MVA unit	6/1/2017	6/1/2017	\$ 2,000,000
AECI	WEST PLAINS 161/69KV TRANSFORMER CKT 2	Replace with 84 MVA unit	6/1/2017	6/1/2017	\$ 2,000,000
AMRN	SOVERTON 161.00 - SOVERTON 2 161.00 161KV CKT 1	Indeterminate	10/1/2012	10/1/2012	Indeterminate
AMRN	SOVERTON 161.00 - HUNTSDALE 161KV CKT 1 AMRN	Indeterminate	6/1/2013	6/1/2013	Indeterminate
AMRN	7OVERTON 345.00 ( ) 345/161/13.8KV TRANSFORMER CKT 1	Indeterminate	10/1/2012	10/1/2012	Indeterminate
CELE	COCODRIE 230/138KV TRANSFORMER CKT 1	Replace Cocodrie 230/138 kv Auto XFMR	6/1/2013	6/1/2013	Indeterminate
CELE	COUGHLIN - PLAISANCE 138KV CKT 1	Indeterminate	6/1/2013	6/1/2013	Indeterminate
CELE	Dolet Hills - Messick 345 kv CELE	Build 26 mile 345 kv line	12/1/2011	6/1/2017	\$ 53,250,000
CELE	Messick 500/230kv	Add 500/230kv Transformer	12/1/2011	6/1/2017	\$ 6,000,000
CELE	Messick 500/345kv	Add 500/345kv Transformer	12/1/2011	6/1/2017	\$ 6,000,000
CELE	RAPIDES - RODEMACHER 230KV CKT 1	Indeterminate	6/1/2013	6/1/2013	Indeterminate
CWLD	SPERCHE 161.00 - HUNTSDALE 161KV CKT 1 CWLD	Indeterminate	6/1/2013	6/1/2013	Indeterminate
EES	3GRENWD - TERREBONNE 115KV CKT 1 EES	Indeterminate	6/1/2017	6/1/2017	Indeterminate
EES	6AIRLINE 230.00 - SORRENTO 230KV CKT 1	Indeterminate	12/31/2011	12/31/2011	Indeterminate
EES	6VIGNES - COLY 230KV CKT 1 EES	Indeterminate	10/1/2013	10/1/2013	Indeterminate
EES	AAC CORP - LICAR 230KV CKT 1	Indeterminate	12/31/2011	12/31/2011	Indeterminate
EES	AAC CORP - POLSCAR 230KV CKT 1	Indeterminate	12/31/2011	12/31/2011	Indeterminate
EES	ALCHEM - MONOCHEM 1 138KV CKT 1	Indeterminate	6/1/2012	6/1/2012	Indeterminate
EES	ARKANSAS NUCLEAR ONE - MABELVALE 500 500KV CKT 1	Indeterminate	10/1/2013	10/1/2013	Indeterminate
EES	ARKANSAS NUCLEAR ONE - PLEASANT HILL 500KV CKT 1	Indeterminate	10/1/2012	10/1/2012	Indeterminate
EES	BELLE HELENE - LICAR 230KV CKT 1	Indeterminate	12/31/2011	12/31/2011	Indeterminate
EES	BULL SHOALS - MIDWAY (YVEPA) 161KV CKT 1 EES	Indeterminate	6/1/2013	6/1/2013	Indeterminate
EES	CYPRESS 500/138KV TRANSFORMER CKT 1	Indeterminate	12/31/2011	12/31/2011	Indeterminate
EES	DELMONT - ESSO 230KV CKT 1	Indeterminate	6/1/2013	6/1/2013	Indeterminate
EES	ELDORADO PARNELL ROAD - WYATT SS 115KV CKT 1	Indeterminate	10/1/2012	10/1/2012	Indeterminate
EES	GRIMES - MT. ZION 138KV CKT 1	Indeterminate	12/31/2011	12/31/2011	Indeterminate
EES	HARTBURG - INLAND-ORANGE 230KV CKT 1	Indeterminate	12/31/2011	12/31/2011	Indeterminate
EES	HARTBURG - MESSICK 500.00 500KV CKT 1	Indeterminate	10/1/2017	10/1/2017	Indeterminate
EES	HARTBURG - MOUNT OLIVE 500KV CKT 1	Indeterminate	12/31/2011	12/31/2011	Indeterminate
EES	HARTBURG 500/230KV TRANSFORMER CKT 1	Indeterminate	12/31/2011	12/31/2011	Indeterminate
EES	HUNTSVILLE - LINE 558 TAP 138KV CKT 1	Indeterminate	12/31/2011	12/31/2011	Indeterminate
EES	JASPER - SAM RAYBURN 4 138KV CKT 1	Indeterminate	12/31/2011	12/31/2011	Indeterminate
EES	LEACH - TOLEDO BEND 138KV CKT 1	Indeterminate	12/31/2011	12/31/2011	Indeterminate
EES	LINE 558 TAP - MT. ZION 138KV CKT 1	Indeterminate	12/31/2011	12/31/2011	Indeterminate
EES	LITTLE GYPSY - WATERFORD 230KV CKT 1	Indeterminate	10/1/2013	10/1/2013	Indeterminate
EES	MARSHALL - MOSSVILLE 138KV CKT 1	Indeterminate	10/1/2012	10/1/2012	Indeterminate
EES	MCADAMS 500/230KV TRANSFORMER CKT 1	Indeterminate	6/1/2012	6/1/2012	Indeterminate
EES	McNeil 500/345kv	Add 500/345kv Transformer	12/1/2011	6/1/2017	\$ 12,000,000
EES	MOSSVILLE - NELSON 138KV CKT 1	Indeterminate	10/1/2012	10/1/2012	Indeterminate
EES	VUILCHLOR - WOODSTOCK 230KV CKT 1	Indeterminate	10/1/2013	10/1/2013	Indeterminate
EES	WILLOW GLEN 500/138KV TRANSFORMER CKT 1	Indeterminate	6/1/2013	6/1/2013	Indeterminate
EES	WILLOW GLEN 500/230KV TRANSFORMER CKT 1	Indeterminate	6/1/2012	6/1/2012	Indeterminate
INDN	ECKLES - SIBLEYPL 161.00 161KV CKT 1	Indeterminate	6/1/2013	6/1/2013	Indeterminate
LAGN	3GRENWD - TERREBONNE 115KV CKT 1 LAGN	Indeterminate	6/1/2017	6/1/2017	Indeterminate
LAGN	4VATCAN - SCOTT 138KV CKT 1 LAGN	Indeterminate	10/1/2013	10/1/2013	Indeterminate
LAGN	6AIRLINE 230.00 - 6VIGNES 230KV CKT 1 LAGN	Indeterminate	12/31/2011	12/31/2011	Indeterminate
LAGN	6CAJUN1 - ADDIS 230KV CKT 1 LAGN	Indeterminate	10/1/2013	10/1/2013	Indeterminate
LAGN	6VIGNES - COLY 230KV CKT 1 LAGN	Indeterminate	10/1/2013	10/1/2013	Indeterminate
SWPA	5BLEDSE - TRUMAN 161KV CKT 1 SWPA	Replace wave trap and CTs at Truman.	6/1/2013	6/1/2013	\$ 70,000
SWPA	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1	Rebuild line with 1192 ACSR, Grackle	6/1/2013	6/1/2015	\$ 7,650,000
SWPA	BUFORD 5 161.00 - NORFORK 161KV CKT 1	Rebuild line with 1192 ACSR, Grackle	6/1/2013	6/1/2015	\$ 5,450,000
SWPA	CARTHAGE - SUB 109 - ATLAS JCT. 161KV CKT 1 SWPA	Replace 2 CTs at Carthage	6/1/2017	6/1/2017	\$ 500,000
SWPA	CARTHAGE - SUB 382 - LARUSSEL 161KV CKT 1 SWPA	Resag line	6/1/2017	6/1/2017	\$ 200,000
SWPA	CARTHAGE (CRG X1) 161/69/13.8KV TRANSFORMER CKT 1	Indeterminate	6/1/2012	6/1/2012	Indeterminate
SWPA	CARTHAGE (CRG X2) 161/69/13.8KV TRANSFORMER CKT 1	Indeterminate	6/1/2012	6/1/2012	Indeterminate
SWPA	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	Replace 600 amp disconnect switches at Springfield.	10/1/2012	6/1/2013	Indeterminate
SWPA	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #2	Rebuild line with 1192 Grackle, replace terminal equipment w/ 1200 amp.	10/1/2012	6/1/2015	\$ 4,000,000
SWPA	GORE - MUSKOGEE TAP 161KV CKT 1	Rebuild w/ 1192 ACSR. Upgrade terminal equipment.	6/1/2013	6/1/2015	\$ 8,000,000
SWPA	GORE - SALLISAW 161KV CKT 1	Rebuild w/ 1192 ACSR. Replace wave trap.	6/1/2013	6/1/2015	\$ 9,000,000
SWPA	LIBERTY TAP - SALLISAW 161KV CKT 1 SWPA	Rebuild w/ 1192 ACSR.	6/1/2013	6/1/2015	\$ 6,500,000
SWPA	LIBERTY TAP - VAN BUREN 161KV CKT 1 SWPA	Rebuild w/ 1192 ACSR. Replace wave trap.	6/1/2013	6/1/2015	\$ 6,000,000
SWPA	MUSKOGEE - MUSKOGEE TAP 161KV CKT 1 SWPA	Indeterminate	6/1/2013	6/1/2013	Indeterminate
SWPA	NORTH WARSAW 161KV - TRUMAN 161KV CKT 1 SWPA	Replace wave trap and CTs at Truman.	6/1/2013	6/1/2013	\$ 70,000
WAPA	MENNO JCT - UTICA 115KV CKT 1	Indeterminate	6/1/2013	6/1/2013	Indeterminate
WEC	PLEASANT PRAIRIE2 - ZION ; R 345.00 345KV CKT 1	Indeterminate	10/1/2013	10/1/2013	Indeterminate

**Table 5 - Third Party Facility Constraints**

Exploratory Interconnection Project between AECl Cox Creek 345kV (Thayer, Mo) , AEPW Osage Creek 345 kV, EMDE Reeds Spring-Branson 161 kV, and SPRM Brookline 345kV

Transmission Owner	UpgradeName	Solution	Earliest Date Upgrade Required (DUN)	Estimated Date of Upgrade Completion (EOC)	Estimated Engineering & Construction Cost
MULTIPLE	Brookline – Compton Ridge345 kV	Build approx. 30 mile 345 kV line	12/1/2011	6/1/2017	Indeterminate
MULTIPLE	Compton Ridge – Cox Creek 345 kV	Build approx. 120 mile 345 kV line and Operate Gobbler Knob-Cox Creek at 345 kV	12/1/2011	6/1/2017	Indeterminate
MULTIPLE	Compton Ridge – Osage Creek 345 kV	Build approx. 50 mile 345 kV line	12/1/2011	6/1/2017	Indeterminate
MULTIPLE	Compton Ridge 345/161 kV Transformer	Install 500 MVA, 345/161 kV transformer and Cut EDE Reeds Spring-Branson line at 50% and route in & out of Compton Ridge	12/1/2011	6/1/2017	Indeterminate