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Executive Summary

Pursuant to Attachment Z1 of the Southwest Power Pool, Inc. (SPP) Open Access Transmission Tariff (OATT), 2869 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 \$464 million. Additionally, \$ 9 Million 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 \$1.3 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 May 1, 2013. 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 May 16, 2013, 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.

Introduction

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.
- All requests for long-term transmission service with a signed study agreement received before October 1, 2011 for 2011-AG3 have been included in this third Aggregate Transmission Service Study (ATSS) of 2011.

Approximately 2869 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.

Financial Analysis

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.

Third-Party Facilities

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 levelized 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.

Study Methodology

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 eight seasonal models to study the aggregate transfers of 2869 MW over a variety of requested service periods. The following SPP Transmission Expansion Plan 2012 Build 1 Cases were used to study the impact of the requested service on the transmission system:

- 2013 Summer Peak (13SP)
- 2013/14 Winter Peak (13WP)
- 2014 Summer Peak (14SP)
- 2014/15 Winter Peak (14WP)
- 2018 Summer Peak (18SP)
- 2018/19 Winter Peak (18WP)
- 2023 Summer Peak (23SP)
- 2023/24 Winter Peak (23WP)

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

The chosen base case models were modified to reflect the current modeling information. One group of requests was developed from the aggregate of 2869 MW to model the requested service. From the eight seasonal models, two system scenarios were developed. Scenario 0 includes projected usage of transmission included in the SPP 2012 Series Cases. Scenario 5 includes transmission service not already included in the SPP 2012 Series Cases.

Transmission Request Modeling

Network Integration Transmission Service requests are modeled as Generation to Load transfers in addition to Generation to Generation 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 1st-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.

Curtailed 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.

Study Results

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.

Conclusion

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 May 1, 2013. 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 May 16, 2013, 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.

Appendix A

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 redispach	Deferred Stop Date without interim redispach	Start Date with interim redispach	Stop Date with interim redispach	Minimum Allocated ATC (MW) within reservation period	Season of Minimum Allocated ATC within reservation period
AEPM	AG3-2011-088	76213445	WR	CSWS	31	12/1/2012	12/1/2032	6/1/2019	6/1/2039	6/1/2019	6/1/2039	0	13SP
BPAE	AG3-2011-043	76216638	WR	EES	100	12/1/2013	12/1/2018	6/1/2019	6/1/2024	6/1/2019	6/1/2024	0	14SP
BPAE	AG3-2011-044	76216640	WR	EES	50	12/1/2013	12/1/2018	6/1/2019	6/1/2024	6/1/2019	6/1/2024	0	14SP
BPAE	AG3-2011-045	76216631	WR	EES	124	12/1/2013	12/1/2018	6/1/2019	6/1/2024	6/1/2019	6/1/2024	0	14SP
CRGL	AG3-2011-053	76216558	SPS	EES	50	1/1/2013	1/1/2023	6/1/2019	6/1/2029	6/1/2019	6/1/2029	0	13SP
CRGL	AG3-2011-054	76216556	SPS	EES	100	1/1/2013	1/1/2023	6/1/2019	6/1/2029	6/1/2019	6/1/2029	0	13SP
CRGL	AG3-2011-055	76216551	SPS	EES	100	1/1/2013	1/1/2023	6/1/2019	6/1/2029	6/1/2019	6/1/2029	0	13SP
CRGL	AG3-2011-056	76216544	SPS	EES	100	1/1/2013	1/1/2023	6/1/2019	6/1/2029	6/1/2019	6/1/2029	0	13SP
CRGL	AG3-2011-057	76216543	SPS	EES	100	1/1/2013	1/1/2023	6/1/2019	6/1/2029	6/1/2019	6/1/2029	0	13SP
CRGL	AG3-2011-060	76216522	SECI	EES	100	1/1/2013	1/1/2023	6/1/2019	6/1/2029	6/1/2019	6/1/2029	0	13SP
CRGL	AG3-2011-061	76216519	SECI	EES	100	1/1/2013	1/1/2023	6/1/2019	6/1/2029	6/1/2019	6/1/2029	0	13SP
CRGL	AG3-2011-068	76216487	NPPD	EES	100	1/1/2013	1/1/2018	6/1/2018	6/1/2023	10/1/2013	10/1/2018	0	13SP
CRGL	AG3-2011-069	76216485	NPPD	EES	100	1/1/2013	1/1/2018	6/1/2018	6/1/2023	10/1/2013	10/1/2018	0	13SP
CRGL	AG3-2011-075	76216442	WPEK	EES	100	1/1/2014	1/1/2024	6/1/2019	6/1/2029	6/1/2019	6/1/2029	0	14SP
CRGL	AG3-2011-076	76216439	WPEK	EES	200	1/1/2014	1/1/2024	6/1/2019	6/1/2029	6/1/2019	6/1/2029	0	14SP
CRGL	AG3-2011-077	76216437	WPEK	EES	200	1/1/2014	1/1/2024	6/1/2019	6/1/2029	6/1/2019	6/1/2029	0	14SP
FPLP	AG3-2011-005	76143887	WR	EES	100	12/31/2012	12/31/2032	6/1/2019	6/1/2039	6/1/2019	6/1/2039	0	13SP
FPLP	AG3-2011-006	76143889	WR	EES	100	12/31/2012	12/31/2032	6/1/2019	6/1/2039	6/1/2019	6/1/2039	0	13SP
FPLP	AG3-2011-047	76216533	CSWS	EES	100	1/1/2013	1/1/2033	6/1/2019	6/1/2039	6/1/2019	6/1/2039	0	13SP
GSECGS	AG3-2011-031	76214890	OKGE	SPS	101	8/1/2012	1/1/2033	6/1/2019	11/1/2039	10/1/2013	3/1/2034	0	13SP
GSECGS	AG3-2011-032	76214894	SPS	SPS	175	12/1/2012	1/1/2043	3/1/2015	4/1/2045	10/1/2013	11/1/2043	0	13SP
KBPU	AG3-2011-019	76210042	MPS	KACY	100	1/1/2013	1/1/2043	6/1/2017	6/1/2047	10/1/2013	10/1/2043	0	13SP
KCPS	AG3-2011-026	76216053	SECI	KCPL	32	4/1/2012	4/1/2032	6/1/2019	4/1/2032	6/1/2019	4/1/2032	0	12SP
KCPS	AG3-2011-027	76216066	WPEK	KCPL	50	4/1/2012	4/1/2032	6/1/2019	4/1/2032	6/1/2019	4/1/2032	0	12SP
NMEC	AG3-2011-003	75350825	NPPD	WR	1	10/1/2014	10/1/2024	6/1/2018	6/1/2028	10/1/2014	10/1/2024	0	18SP
OMPA	AG3-2011-093	76216657	OKGE	OKGE	51	1/1/2013	1/1/2038	6/1/2015	6/1/2040	10/1/2013	10/1/2038	0	13SP
SECI	AG3-2011-089	76177839	SECI	SECI	24	7/1/2012	7/1/2032	6/1/2019	6/1/2039	7/1/2014	7/1/2034	0	13SP
SECI	AG3-2011-090	76192515	SPRM	SECI	50	1/1/2013	1/1/2019	6/1/2018	6/1/2024	7/1/2014	7/1/2020	0	13SP
SECI	AG3-2011-091	76192531	SECI	SECI	55	1/1/2014	1/1/2044	6/1/2019	6/1/2049	1/1/2014	1/1/2044	0	14SP
SECI	AG3-2011-092	76209412	KCPL	SECI	50	1/1/2013	1/1/2043	6/1/2018	6/1/2048	7/1/2014	7/1/2044	0	13SP
SPSM	AG3-2011-041	76213597	SPS	SPS	100	6/1/2013	6/1/2014	Note 3	Note 3	10/1/2013	6/1/2014	0	13SP
SPSM	AG3-2011-042	76213598	SPS	SPS	25	6/1/2014	6/1/2015	6/1/2014	6/1/2015	6/1/2014	6/1/2015	0	14SP
UCU	AG3-2011-022	76216331	WPEK	MPS	100	4/1/2012	4/1/2032	6/1/2019	4/1/2032	6/1/2019	4/1/2032	0	12SP

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

Note 2: Start dates with and without redispach 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.

Note 4: Transmission customer did not select "remain in the study using interim redispach" option.

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	¹ Letter of Credit Amount Required	² Potential Base Plan Engineering and Construction Funding Allowable	Notes	⁴ Additional Engineering and Construction Cost for 3rd Party Upgrades	^{3,5} Total Revenue Requirements for Assigned Upgrades Over Term of Reservation WITH Potential Base Plan Funding Allocation	Point-to-Point Base Rate Over Reservation Period	⁴ Total Cost of Reservation Assignable to Customer Contingent Upon Base Plan Funding
AEPM	AG3-2011-088	76213445	\$ 19,335,845	\$ 13,755,845	\$ 5,580,000		\$ 175,278	\$ 76,149,649	\$ -	\$ 76,149,649
BPAE	AG3-2011-043	76216638	\$ 9,948,590	\$ 9,948,590	\$ -		\$ 598,113	\$ 26,530,140	\$ 7,680,000	\$ 26,530,140
BPAE	AG3-2011-044	76216640	\$ 4,974,293	\$ 4,974,293	\$ -		\$ 299,058	\$ 13,265,070	\$ 3,840,000	\$ 13,265,070
BPAE	AG3-2011-045	76216631	\$ 11,347,970	\$ 11,347,970	\$ -		\$ 868,675	\$ 30,442,560	\$ 9,523,200	\$ 30,442,560
CRGL	AG3-2011-053	76216558	\$ 3,679,444	\$ 3,679,444	\$ -		\$ 274,015	\$ 11,756,050	\$ 7,680,000	\$ 11,756,050
CRGL	AG3-2011-054	76216556	\$ 7,358,889	\$ 7,358,889	\$ -		\$ 548,027	\$ 23,512,110	\$ 15,360,000	\$ 23,512,110
CRGL	AG3-2011-055	76216551	\$ 7,358,889	\$ 7,358,889	\$ -		\$ 548,027	\$ 23,512,110	\$ 15,360,000	\$ 23,512,110
CRGL	AG3-2011-056	76216544	\$ 32,247,251	\$ 32,247,250	\$ -		\$ 524,515	\$ 89,185,170	\$ 15,360,000	\$ 89,185,170
CRGL	AG3-2011-057	76216543	\$ 32,247,251	\$ 32,247,250	\$ -		\$ 524,515	\$ 89,185,170	\$ 15,360,000	\$ 89,185,170
CRGL	AG3-2011-060	76216522	\$ 22,861,575	\$ 22,861,580	\$ -		\$ 511,856	\$ 71,341,030	\$ 15,360,000	\$ 71,341,030
CRGL	AG3-2011-061	76216519	\$ 22,861,575	\$ 22,861,580	\$ -		\$ 511,856	\$ 71,341,030	\$ 15,360,000	\$ 71,341,030
CRGL	AG3-2011-068	76216487	\$ 1,223,382	\$ 1,223,382	\$ -		\$ -	\$ 2,210,681	\$ 7,680,000	\$ 7,680,000
CRGL	AG3-2011-069	76216485	\$ 1,223,382	\$ 1,223,382	\$ -		\$ -	\$ 2,210,681	\$ 7,680,000	\$ 7,680,000
CRGL	AG3-2011-075	76216442	\$ 14,388,533	\$ 14,388,530	\$ -		\$ 546,478	\$ 47,306,910	\$ 15,360,000	\$ 47,306,910
CRGL	AG3-2011-076	76216439	\$ 28,777,067	\$ 28,777,070	\$ -		\$ 1,092,955	\$ 94,613,830	\$ 30,720,000	\$ 94,613,830
CRGL	AG3-2011-077	76216437	\$ 28,777,067	\$ 28,777,070	\$ -		\$ 1,092,955	\$ 94,613,830	\$ 30,720,000	\$ 94,613,830
FPLP	AG3-2011-005	76143887	\$ 23,509,056	\$ 23,509,060	\$ -		\$ 4,605	\$ 97,101,780	\$ 30,720,000	\$ 97,101,780
FPLP	AG3-2011-006	76143889	\$ 23,509,056	\$ 23,509,060	\$ -		\$ 4,605	\$ 97,101,780	\$ 30,720,000	\$ 97,101,780
FPLP	AG3-2011-047	76216533	\$ 16,607,404	\$ 16,607,400	\$ -		\$ 584,416	\$ 89,941,620	\$ 30,720,000	\$ 89,941,620
GSECGS	AG3-2011-031	76214890	\$ 51,976,310	\$ 33,796,310	\$ 18,180,000		\$ -	\$ 76,723,161	\$ -	\$ 76,723,161
GSECGS	AG3-2011-032	76214894	\$ 11,237,295	\$ -	\$ 11,237,295		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
KBPU	AG3-2011-019	76210042	\$ 635,017	\$ 635,017	\$ -		\$ -	\$ 2,441,842	\$ 31,572,000	\$ 31,572,000
KCPS	AG3-2011-026	76216053	\$ 8,720,277	\$ 2,960,277	\$ 5,760,000		\$ 759	\$ 12,628,912	\$ -	\$ 12,628,912
KCPS	AG3-2011-027	76216066	\$ 15,147,802	\$ 6,147,802	\$ 9,000,000		\$ 1,218	\$ 27,972,345	\$ -	\$ 27,972,345
NMEC	AG3-2011-003	75350825	\$ 72,025	\$ -	\$ 72,025		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
OMPA	AG3-2011-093	76216657	\$ 2,750,000	\$ -	\$ 2,750,000		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
SECI	AG3-2011-089	76177839	\$ 3,317,593	\$ 1,108	\$ 3,316,485		\$ -	\$ 2,992	\$ -	\$ 2,992
SECI	AG3-2011-090	76192515	\$ 2,769,323	\$ 2,769,323	\$ -		\$ 8,775	\$ 6,619,110	\$ 15,966,120	\$ 15,966,120
SECI	AG3-2011-091	76192531	\$ 1,505,030	\$ -	\$ 1,505,030		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
SECI	AG3-2011-092	76209412	\$ 3,308,471	\$ -	\$ 3,308,471		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
SPSM	AG3-2011-041	76213597	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
SPSM	AG3-2011-042	76213598	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
UCU	AG3-2011-022	76216331	\$ 50,346,408	\$ 32,346,408	\$ 18,000,000		\$ 4,299	\$ 160,825,072	\$ -	\$ 160,825,072
Grand Total			\$ 464,022,070		\$ 78,709,306			\$ 1,338,534,636		

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

<p>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.</p>
<p>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.</p>
<p>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.</p>
<p>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.</p>
<p>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.</p>

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

Customer Study Number
 AEPM AG3-2011-088

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	76213445	WR	CSWS	31	12/1/2012	12/1/2032	6/1/2019	6/1/2039	\$ 5,580,000	\$ -	\$ 19,335,845	\$ 107,079,995
									\$ 5,580,000	\$ -	\$ 19,335,845	\$ 107,079,995

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
76213445	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2015	6/1/2016		No	\$ 8,218	\$ 33,872	\$ 42,090	\$ 1,575,000	\$ 216,538
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2015	6/1/2017		No	\$ 37,260	\$ 153,582	\$ 190,842	\$ 7,141,250	\$ 905,956
	ELK CITY - FALCON ROAD 138KV CKT 2	6/1/2015	6/1/2017		No	\$ 2,485	\$ 6,042	\$ 8,527	\$ 5,352,000	\$ 51,707
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2015	6/1/2016		No	\$ 8,218	\$ 33,872	\$ 42,090	\$ 1,575,000	\$ 216,538
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2015	6/1/2017		No	\$ 24,669	\$ 101,681	\$ 126,350	\$ 4,728,000	\$ 599,802
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1	6/1/2015	6/1/2018		No	\$ 32,372	\$ 133,435	\$ 165,807	\$ 14,500,000	\$ 902,048
	Iatan - Jeffrey Energy Center 345 kv KACP	10/1/2013	6/1/2019		No	\$ 49,780	\$ 121,049	\$ 170,829	\$ 14,089,880	\$ 838,763
	Iatan - Jeffrey Energy Center 345 kv WERE	10/1/2013	6/1/2019		No	\$ 454,972	\$ 1,106,338	\$ 1,561,310	\$ 128,776,067	\$ 6,316,927
	NORTH NEW BOSTON - NW TEXARKANA-BANN T 138KV CKT 1	6/1/2015	6/1/2017		No	\$ 4,962,027	\$ 12,065,973	\$ 17,028,000	\$ 17,028,000	\$ 97,031,716
					Total	\$ 5,580,000	\$ 13,755,845	\$ 19,335,845	\$ 194,765,197	\$ 107,079,995

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
76213445	Arcadia 345 kv Terminal Upgrades	10/1/2013	12/1/2013		
	DIANA - PERDUE 138KV CKT 1 #1	10/1/2013	6/1/2014		No
	DIANA - PERDUE 138KV CKT 1 #2	10/1/2013	6/1/2014		No
	IATAN - NASHUA 345KV CKT 1	10/1/2013	6/1/2015		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
76213445	CHAPEL HILL REC - WELSH REC 138KV CKT 1	6/1/2019	6/1/2019		
	Cherry Co - Gentleman 345 kv Ckt1	10/1/2013	1/1/2018		
	Cherry Co - Holt Co 345 kv Ckt1	10/1/2013	1/1/2018		
	Cherry Co 345 kv Terminal Upgrades	10/1/2013	1/1/2018		
	Messick 500/230 kv Transformer Ckt 1	10/1/2013	12/31/2015		No
	Viola - Clearwater 138KV Ckt1	10/1/2014	6/1/2018		No
	Viola - Gill 138kv Ckt1	10/1/2014	6/1/2018		No
	Viola 345/138kv Transformer Ckt 1	10/1/2014	6/1/2018		No
	WELSH REC - WILKES 138KV CKT 1	6/1/2019	6/1/2019		

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
76213445	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	10/1/2013	6/1/2018		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
76213445	BANN - RED SPRINGS REC 138KV CKT 1	7/1/2012	7/1/2012		
	BEELINE - EXPLORER GLENPOOL TAP 138KV CKT 1	6/1/2009	6/1/2009		
	EXPLORER GLENPOOL TAP - RIVERSIDE STATION 138KV CKT 1 AEPW	6/1/2009	6/1/2009		
	EXPLORER GLENPOOL TAP - RIVERSIDE STATION 138KV CKT 1 OKGE	6/1/2009	6/1/2009		
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 OKGE	1/1/2012	1/1/2012		
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 WFEC	1/1/2012	1/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345KV CKT 1 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		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
76213445	7JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2015	6/1/2015			\$ 1,032	\$ 100,000
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2014	10/1/2014			1.34%	100,000%
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2014	6/1/2017		No	\$ 174,246	\$ 8,000,000
					Total	\$ 175,278	\$ 8,100,000

*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.

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
BPAE AG3-2011-043

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
BPAE	76216638	WR	EES	100	12/1/2013	12/1/2018	6/1/2019	6/1/2024	\$ -	\$ 7,680,000	\$ 9,948,590	\$ 26,530,144
									\$ -	\$ 7,680,000	\$ 9,948,590	\$ 26,530,144

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216638	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2015	6/1/2016		No	\$ 122,636	\$ 1,575,000	\$ 397,319
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2015	6/1/2017		No	\$ 556,046	\$ 7,141,250	\$ 1,662,301
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2015	6/1/2016		No	\$ 122,636	\$ 1,575,000	\$ 397,319
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2015	6/1/2017		No	\$ 368,141	\$ 4,728,000	\$ 1,100,559
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1	6/1/2015	6/1/2018			\$ 789,139	\$ 14,500,000	\$ 2,453,253
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #1	6/1/2019	6/1/2019			\$ 22,129	\$ 350,000	\$ 47,521
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #2	6/1/2019	6/1/2019			\$ 208,643	\$ 3,300,000	\$ 496,865
	Iatan - Jeffrey Energy Center 345 kV KACP	10/1/2013	6/1/2019		No	\$ 765,238	\$ 14,089,880	\$ 2,181,982
	Iatan - Jeffrey Energy Center 345 kV WERE	10/1/2013	6/1/2019		No	\$ 6,993,982	\$ 128,776,067	\$ 17,793,024
Total						\$ 9,948,590	\$ 176,035,197	\$ 26,530,144

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
76216638	IATAN - NASHUA 345KV CKT 1	10/1/2013	6/1/2015		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
76216638	Cherry Co - Gentleman 345 kV Ckt1	10/1/2013	1/1/2018		No
	Cherry Co - Holt Co 345 kV Ckt1	10/1/2013	1/1/2018		No
	Cherry Co 345 kV Terminal Upgrades	10/1/2013	1/1/2018		No
	Viola - Clearwater 138kV Ckt1	10/1/2014	6/1/2018		No
	Viola - Gill 138kV Ckt1	10/1/2014	6/1/2018		No
	Viola 345/138kV Transformer Ckt 1	10/1/2014	6/1/2018		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
76216638	BEAVER - EUREKA SPRINGS 161KV CKT 1 AEPW	6/1/2014	6/1/2015		No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	10/1/2013	6/1/2018		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
76216638	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345KV CKT 1 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		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
76216638	7JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2015	6/1/2015			\$ 6,238	\$ 100,000
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2014	10/1/2014			5.51%	100.00%
	BEAVER - EUREKA SPRINGS 161KV CKT 1 SWPA	6/1/2014	6/1/2015		No	\$ -	\$ -
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016		No	\$ 9,717	\$ 125,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016			\$ 7,774	\$ 100,000
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	10/1/2014	6/1/2015		No	\$ -	\$ -
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2014	6/1/2017		No	\$ 544,847	\$ 8,000,000
	GORE - SALLISAW 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016		No	\$ 29,537	\$ 400,000
Total						\$ 598,113	\$ 8,725,000

*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.

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
BPAE AG3-2011-044

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
BPAE	76216640	WR	EES	50	12/1/2013	12/1/2018	6/1/2019	6/1/2024	\$ -	\$ 3,840,000	\$ 4,974,293	\$ 13,265,067
									\$ -	\$ 3,840,000	\$ 4,974,293	\$ 13,265,067

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216640	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2015	6/1/2016		No	\$ 61,318	\$ 1,575,000	\$ 198,659
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2015	6/1/2017		No	\$ 278,023	\$ 7,141,250	\$ 831,151
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2015	6/1/2016		No	\$ 61,318	\$ 1,575,000	\$ 198,659
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2015	6/1/2017		No	\$ 184,070	\$ 4,728,000	\$ 550,278
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1	6/1/2015	6/1/2018			\$ 394,569	\$ 14,500,000	\$ 1,226,625
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #1	6/1/2019	6/1/2019			\$ 11,064	\$ 350,000	\$ 23,760
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #2	6/1/2019	6/1/2019			\$ 104,321	\$ 3,300,000	\$ 248,431
	Iatan - Jeffrey Energy Center 345 kV KACP	10/1/2013	6/1/2019		No	\$ 382,619	\$ 14,089,880	\$ 1,090,991
	Iatan - Jeffrey Energy Center 345 kV WERE	10/1/2013	6/1/2019		No	\$ 3,496,991	\$ 128,776,067	\$ 8,896,512
Total						\$ 4,974,293	\$ 176,035,197	\$ 13,265,067

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
76216640	IATAN - NASHUA 345KV CKT 1	10/1/2013	6/1/2015		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
76216640	Cherry Co - Gentleman 345 kV Ckt1	10/1/2013	1/1/2018		No
	Cherry Co - Holt Co 345 kV Ckt1	10/1/2013	1/1/2018		No
	Cherry Co 345 kV Terminal Upgrades	10/1/2013	1/1/2018		No
	Viola - Clearwater 138kV Ckt1	10/1/2014	6/1/2018		No
	Viola - Gill 138kV Ckt1	10/1/2014	6/1/2018		No
	Viola 345/138kV Transformer Ckt 1	10/1/2014	6/1/2018		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
76216640	BEAVER - EUREKA SPRINGS 161KV CKT 1 AEPW	6/1/2014	6/1/2015		No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	10/1/2013	6/1/2018		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
76216640	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345KV CKT 1 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		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
76216640	7JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2015	6/1/2015			\$ 3,119	\$ 100,000
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2014	10/1/2014			2.76%	100.00%
	BEAVER - EUREKA SPRINGS 161KV CKT 1 SWPA	6/1/2014	6/1/2015		No	\$ -	\$ -
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016		No	\$ 4,859	\$ 125,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016			\$ 3,887	\$ 100,000
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	10/1/2014	6/1/2015		No	\$ -	\$ -
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2014	6/1/2017		No	\$ 272,424	\$ 8,000,000
	GORE - SALLISAW 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016		No	\$ 14,769	\$ 400,000
Total						\$ 299,058	\$ 8,725,000

*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.

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
BPAE AG3-2011-045

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
BPAE	76216631	WR	EES	124	12/1/2013	12/1/2018	6/1/2019	6/1/2024	\$ -	\$ 9,523,200	\$ 11,347,970	\$ 30,442,555
									\$ -	\$ 9,523,200	\$ 11,347,970	\$ 30,442,555

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
76216631	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2015	6/1/2016		No	\$ 156,241	\$ 1,575,000	\$ 506,193	
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2015	6/1/2017		No	\$ 708,418	\$ 7,141,250	\$ 2,117,818	
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2015	6/1/2016		No	\$ 156,241	\$ 1,575,000	\$ 506,193	
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2015	6/1/2017		No	\$ 469,022	\$ 4,728,000	\$ 1,402,143	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1	6/1/2015	6/1/2018			\$ 1,096,575	\$ 14,500,000	\$ 3,409,002	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #1	6/1/2019	6/1/2019			\$ 24,023	\$ 350,000	\$ 51,589	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #2	6/1/2019	6/1/2019			\$ 226,500	\$ 3,300,000	\$ 539,390	
	Iatan - Jeffrey Energy Center 345 kv KACP	10/1/2013	6/1/2019		No	\$ 839,376	\$ 14,089,880	\$ 2,393,378	
	Iatan - Jeffrey Energy Center 345 kv WERE	10/1/2013	6/1/2019		No	\$ 7,671,574	\$ 128,776,067	\$ 19,516,851	
						Total	\$ 11,347,970	\$ 176,035,197	\$ 30,442,555

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
76216631	IATAN - NASHUA 345KV CKT 1	10/1/2013	6/1/2015		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
76216631	Cherry Co - Gentleman 345 kv Ckt1	10/1/2013	1/1/2018		No
	Cherry Co - Holt Co 345 kv Ckt1	10/1/2013	1/1/2018		No
	Cherry Co 345 kv Terminal Upgrades	10/1/2013	1/1/2018		No
	Viola - Clearwater 138kv Ckt1	10/1/2014	6/1/2018		No
	Viola - Gill 138kv Ckt1	10/1/2014	6/1/2018		No
	Viola 345/138kv Transformer Ckt 1	10/1/2014	6/1/2018		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
76216631	BEAVER - EUREKA SPRINGS 161KV CKT 1 AEPW	6/1/2014	6/1/2015		No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	10/1/2013	6/1/2018		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
76216631	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345KV CKT 1 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		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
76216631	7JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2015	6/1/2015			\$ 6,478	\$ 100,000
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2014	10/1/2014			6.52%	100.00%
	BEAVER - EUREKA SPRINGS 161KV CKT 1 SWPA	6/1/2014	6/1/2015		No	\$ -	\$ -
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2014	6/1/2017		No	\$ 821,640	\$ 8,000,000
	GORE - SALLISAW 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016		No	\$ 40,557	\$ 400,000
						Total	\$ 868,675 \$ 8,500,000

*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.

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
CRGL AG3-2011-053

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
CRGL	76216558	SPS	EES	50	1/1/2013	1/1/2023	6/1/2019	6/1/2029	\$ -	\$ 7,680,000	\$ 3,679,444	\$ 11,756,050
									\$ -	\$ 7,680,000	\$ 3,679,444	\$ 11,756,050

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216558	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1	6/1/2015	6/1/2018			\$ 428,115	\$ 14,500,000	\$ 1,638,045
	GLASS MOUNTAIN - MOORELAND 138KV CKT 1	10/1/2013	6/1/2016		No	\$ 16,422	\$ 225,000	\$ 42,728
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #1	6/1/2019	6/1/2019			\$ 11,860	\$ 350,000	\$ 31,948
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #2	6/1/2019	6/1/2019			\$ 111,819	\$ 3,300,000	\$ 334,027
	Iatan - Jeffrey Energy Center 345 KV KACP	10/1/2013	6/1/2019		No	\$ 274,677	\$ 14,089,880	\$ 953,388
	Iatan - Jeffrey Energy Center 345 KV WERE	10/1/2013	6/1/2019		No	\$ 2,510,445	\$ 128,776,067	\$ 7,535,115
	MULLERGREN - SPEARVILLE 230KV CKT 1	10/1/2013	6/1/2019		No	\$ 326,106	\$ 36,107,610	\$ 1,220,798
					Total	\$ 3,679,444	\$ 197,348,557	\$ 11,756,050

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
76216558	Cimarron - Mathewson 345 kv Ckt 1	3/1/2021	3/1/2021		
	IATAN - NASHUA 345KV CKT 1	10/1/2013	6/1/2015		No
	Line - Clark County - Thistle 345 kv dbI Ckt	10/1/2013	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbI Ckt OKGE	10/1/2013	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbI Ckt SPS	10/1/2013	7/1/2014		No
	Line - Spearville - Clark County 345 kv dbI Ckt	10/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbI Ckt PW	10/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbI Ckt WERE	10/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbI Ckt OKGE	10/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbI Ckt PW	10/1/2013	1/1/2015		No
	Line - Tuco - Woodward 345 kv line OKGE	10/1/2013	6/1/2014		No
	Line - Tuco - Woodward 345 kv line SPS	10/1/2013	6/1/2014		No
	Mathewson - Tatonga 345 kv Ckt 2	3/1/2021	3/1/2021		
	Mathewson 345 kv	3/1/2021	3/1/2021		
	Tatonga - Woodward EHV 345 kv Ckt 2	3/1/2021	3/1/2021		
	XFR - Thistle 345/138 kv	10/1/2013	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
76216558	Cherry Co - Gentleman 345 kv Ckt1	10/1/2013	1/1/2018		No
	Cherry Co - Holt Co 345 kv Ckt1	10/1/2013	1/1/2018		No
	Cherry Co 345 kv Terminal Upgrades	10/1/2013	1/1/2018		No
	Elk City 345/230 kv	10/1/2013	3/1/2018		No
	Elk City to Gracemont 345kv AEPW	10/1/2013	3/1/2018		No
	Elk City to Gracemont 345kv OKGE	10/1/2013	3/1/2018		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
76216558	BEAVER - EUREKA SPRINGS 161KV CKT 1 AEPW	6/1/2014	6/1/2015		No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	10/1/2013	6/1/2018		No
	NORTHWEST 345/138/13.8KV TRANSFORMER CKT 3 Accelerated	10/1/2013	6/1/2015		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
76216558	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345KV CKT 1 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 - IODINE 138KV 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		

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
76216558	7JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2015	6/1/2015			\$ 2,978	\$ 100,000
	ZOVERTON 345.00 () 345/161/13.8KV TRANSFORMER CKT 1	10/1/2014	10/1/2014			1.99%	100.00%
	BEAVER - EUREKA SPRINGS 161KV CKT 1 SWPA	6/1/2014	6/1/2015		No	\$ -	\$ -
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016		No	\$ 4,830	\$ 125,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016			\$ 3,864	\$ 100,000
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	10/1/2014	6/1/2015		No	\$ -	\$ -
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2014	6/1/2017		No	\$ 246,124	\$ 8,000,000
	GORE - SALLISAW 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016		No	\$ 16,219	\$ 400,000
					Total	\$ 274,015	\$ 8,725,000

*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.

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
CRGL AG3-2011-054

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
CRGL	76216556	SPS	EES	100	1/1/2013	1/1/2023	6/1/2019	6/1/2029	\$ -	\$ 15,360,000	\$ 7,358,889	\$ 23,512,105
									\$ -	\$ 15,360,000	\$ 7,358,889	\$ 23,512,105

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216556	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1	6/1/2015	6/1/2018			\$ 856,230	\$ 14,500,000	\$ 3,276,091
	GLASS MOUNTAIN - MOORELAND 138KV CKT 1	10/1/2013	6/1/2016		No	\$ 32,844	\$ 225,000	\$ 85,457
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #1	6/1/2019	6/1/2019			\$ 23,719	\$ 350,000	\$ 63,893
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #2	6/1/2019	6/1/2019			\$ 223,638	\$ 3,300,000	\$ 668,054
	Iatan - Jeffrey Energy Center 345 KV KACP	10/1/2013	6/1/2019		No	\$ 549,355	\$ 14,089,880	\$ 1,906,780
	Iatan - Jeffrey Energy Center 345 KV WERE	10/1/2013	6/1/2019		No	\$ 5,020,890	\$ 128,776,067	\$ 15,070,231
	MULLERGREN - SPEARVILLE 230KV CKT 1	10/1/2013	6/1/2019		No	\$ 652,213	\$ 36,107,610	\$ 2,441,600
Total						\$ 7,358,889	\$ 197,348,557	\$ 23,512,105

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
76216556	Cimarron - Mathewson 345 kv Ckt 1	3/1/2021	3/1/2021		
	IATAN - NASHUA 345KV CKT 1	10/1/2013	6/1/2015		No
	Line - Clark County - Thistle 345 kv dbl Ckt	10/1/2013	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbl Ckt OKGE	10/1/2013	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbl Ckt SPS	10/1/2013	7/1/2014		No
	Line - Spearville - Clark County 345 kv dbl Ckt	10/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbl Ckt PW	10/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbl Ckt WERE	10/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbl Ckt OKGE	10/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbl Ckt PW	10/1/2013	1/1/2015		No
	Line - Tuco - Woodward 345 kv line OKGE	10/1/2013	6/1/2014		No
	Line - Tuco - Woodward 345 kv line SPS	10/1/2013	6/1/2014		No
	Mathewson - Tatonga 345 kv Ckt 2	3/1/2021	3/1/2021		
	Mathewson 345 kv	3/1/2021	3/1/2021		
	Tatonga - Woodward EHV 345 kv Ckt 2	3/1/2021	3/1/2021		
	XFR - Thistle 345/138 kv	10/1/2013	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
76216556	Cherry Co - Gentleman 345 kv Ckt1	10/1/2013	1/1/2018		No
	Cherry Co - Holt Co 345 kv Ckt1	10/1/2013	1/1/2018		No
	Cherry Co 345 kv Terminal Upgrades	10/1/2013	1/1/2018		No
	Elk City 345/230 kv	10/1/2013	3/1/2018		No
	Elk City to Gracemont 345kv AEPW	10/1/2013	3/1/2018		No
	Elk City to Gracemont 345kv OKGE	10/1/2013	3/1/2018		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
76216556	BEAVER - EUREKA SPRINGS 161KV CKT 1 AEPW	6/1/2014	6/1/2015		No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	10/1/2013	6/1/2018		No
	NORTHWEST 345/138/13.8KV TRANSFORMER CKT 3 Accelerated	10/1/2013	6/1/2015		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
76216556	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345KV CKT 1 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 - IODINE 138KV 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		

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
76216556	7JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2015	6/1/2015			\$ 5,955	\$ 100,000
	ZOVERTON 345.00 () 345/161/13.8KV TRANSFORMER CKT 1	10/1/2014	10/1/2014			3.98%	100.00%
	BEAVER - EUREKA SPRINGS 161KV CKT 1 SWPA	6/1/2014	6/1/2015		No	\$ -	\$ -
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016		No	\$ 9,659	\$ 125,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016			\$ 7,727	\$ 100,000
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	10/1/2014	6/1/2015		No	\$ -	\$ -
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2014	6/1/2017		No	\$ 492,247	\$ 8,000,000
	GORE - SALLISAW 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016		No	\$ 32,439	\$ 400,000
					Total	\$ 548,027	\$ 8,725,000

*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.

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
CRGL AG3-2011-055

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
CRGL	76216551	SPS	EES	100	1/1/2013	1/1/2023	6/1/2019	6/1/2029	\$ -	\$ 15,360,000	\$ 7,358,889	\$ 23,512,105
									\$ -	\$ 15,360,000	\$ 7,358,889	\$ 23,512,105

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216551	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1	6/1/2015	6/1/2018			\$ 856,230	\$ 14,500,000	\$ 3,276,091
	GLASS MOUNTAIN - MOORELAND 138KV CKT 1	10/1/2013	6/1/2016		No	\$ 32,844	\$ 225,000	\$ 85,457
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #1	6/1/2019	6/1/2019			\$ 23,719	\$ 350,000	\$ 63,893
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #2	6/1/2019	6/1/2019			\$ 223,638	\$ 3,300,000	\$ 668,054
	Iatan - Jeffrey Energy Center 345 KV KACP	10/1/2013	6/1/2019		No	\$ 549,355	\$ 14,089,880	\$ 1,906,780
	Iatan - Jeffrey Energy Center 345 KV WERE	10/1/2013	6/1/2019		No	\$ 5,020,890	\$ 128,776,067	\$ 15,070,231
	MULLERGREN - SPEARVILLE 230KV CKT 1	10/1/2013	6/1/2019		No	\$ 652,213	\$ 36,107,610	\$ 2,441,600
Total						\$ 7,358,889	\$ 197,348,557	\$ 23,512,105

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
76216551	Cimarron - Mathewson 345 kv Ckt 1	3/1/2021	3/1/2021		
	IATAN - NASHUA 345KV CKT 1	10/1/2013	6/1/2015		No
	Line - Clark County - Thistle 345 kv dbl Ckt	10/1/2013	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbl Ckt OKGE	10/1/2013	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbl Ckt SPS	10/1/2013	7/1/2014		No
	Line - Spearville - Clark County 345 kv dbl Ckt	10/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbl Ckt PW	10/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbl Ckt WERE	10/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbl Ckt OKGE	10/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbl Ckt PW	10/1/2013	1/1/2015		No
	Line - Tuco - Woodward 345 kv line OKGE	10/1/2013	6/1/2014		No
	Line - Tuco - Woodward 345 kv line SPS	10/1/2013	6/1/2014		No
	Mathewson - Tatonga 345 kv Ckt 2	3/1/2021	3/1/2021		
	Mathewson 345 kv	3/1/2021	3/1/2021		
	Tatonga - Woodward EHV 345 kv Ckt 2	3/1/2021	3/1/2021		
	XFR - Thistle 345/138 kv	10/1/2013	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
76216551	Cherry Co - Gentleman 345 kv Ckt1	10/1/2013	1/1/2018		No
	Cherry Co - Holt Co 345 kv Ckt1	10/1/2013	1/1/2018		No
	Cherry Co 345 kv Terminal Upgrades	10/1/2013	1/1/2018		No
	Elk City 345/230 kv	10/1/2013	3/1/2018		No
	Elk City to Gracemont 345kv AEPW	10/1/2013	3/1/2018		No
	Elk City to Gracemont 345kv OKGE	10/1/2013	3/1/2018		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
76216551	BEAVER - EUREKA SPRINGS 161KV CKT 1 AEPW	6/1/2014	6/1/2015		No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	10/1/2013	6/1/2018		No
	NORTHWEST 345/138/13.8KV TRANSFORMER CKT 3 Accelerated	10/1/2013	6/1/2015		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
76216551	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345KV CKT 1 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 - IODINE 138KV 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		

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
76216551	7JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2015	6/1/2015			\$ 5,955	\$ 100,000
	ZOVERTON 345.00 () 345/161/13.8KV TRANSFORMER CKT 1	10/1/2014	10/1/2014			3.98%	100.00%
	BEAVER - EUREKA SPRINGS 161KV CKT 1 SWPA	6/1/2014	6/1/2015		No	\$ -	\$ -
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016		No	\$ 9,659	\$ 125,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016			\$ 7,727	\$ 100,000
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	10/1/2014	6/1/2015		No	\$ -	\$ -
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2014	6/1/2017		No	\$ 492,247	\$ 8,000,000
	GORE - SALLISAW 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016		No	\$ 32,439	\$ 400,000
					Total	\$ 548,027	\$ 8,725,000

*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.

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
CRGL AG3-2011-056

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
CRGL	76216544	SPS	EES	100	1/1/2013	1/1/2023	6/1/2019	6/1/2029	\$ -	\$ 15,360,000	\$ 32,247,251	\$ 89,185,171
									\$ -	\$ 15,360,000	\$ 32,247,251	\$ 89,185,171

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
76216544	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2015	6/1/2016		No	\$ 59,066	\$ 1,575,000	\$ 226,943	
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2015	6/1/2017		No	\$ 267,813	\$ 7,141,250	\$ 949,488	
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2015	6/1/2016		No	\$ 59,066	\$ 1,575,000	\$ 226,943	
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2015	6/1/2017		No	\$ 177,311	\$ 4,728,000	\$ 628,628	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1	6/1/2015	6/1/2018			\$ 802,290	\$ 14,500,000	\$ 3,069,707	
	GLASS MOUNTAIN - MOORELAND 138KV CKT 1	10/1/2013	6/1/2016		No	\$ 44,792	\$ 225,000	\$ 116,544	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #1	6/1/2019	6/1/2019			\$ 21,352	\$ 350,000	\$ 57,517	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #2	6/1/2019	6/1/2019			\$ 201,319	\$ 3,300,000	\$ 601,383	
	Iatan - Jeffrey Energy Center 345 kv KACP	10/1/2013	6/1/2019		No	\$ 566,678	\$ 14,089,880	\$ 1,966,907	
	Iatan - Jeffrey Energy Center 345 kv WERE	10/1/2013	6/1/2019		No	\$ 5,179,217	\$ 128,776,067	\$ 15,545,450	
	MULLERGREN - SPEARVILLE 230KV CKT 1	10/1/2013	6/1/2019		No	\$ 1,067,435	\$ 36,107,610	\$ 3,996,009	
	Potter to Tolk 345 kv (Please see upgrade description note in Table 4)	10/1/2013	6/1/2019		No	\$ 22,699,228	\$ 131,324,100	\$ 58,287,623	
	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 MIDW	10/1/2013	6/1/2018		No	\$ 318,707	\$ 13,864,500	\$ 871,517	
	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 WERE	10/1/2013	6/1/2018		No	\$ 782,977	\$ 34,061,344	\$ 2,640,511	
						Total	\$ 32,247,251	\$ 391,617,751	\$ 89,185,171

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
76216544	Cimarron - Mathewson 345 kv Ckt 1	3/1/2021	3/1/2021		
	IATAN - NASHUA 345KV CKT 1	10/1/2013	6/1/2015		No
	Line - Clark County - Thistle 345 kv dbi Ckt	10/1/2013	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	10/1/2013	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	10/1/2013	7/1/2014		No
	Line - Spearville - Clark County 345 kv dbi Ckt	10/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	10/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	10/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	10/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	10/1/2013	1/1/2015		No
	Line - Tuco - Woodward 345 kv line OKGE	10/1/2013	6/1/2014		No
	Line - Tuco - Woodward 345 kv line SPS	10/1/2013	6/1/2014		No
	Mathewson - Tatonga 345 kv Ckt 2	3/1/2021	3/1/2021		
	Mathewson 345 kv	3/1/2021	3/1/2021		
	Multi - Kress Interchange - Kiser - Cox 115 kv	10/1/2013	11/30/2014		Yes
	Tatonga - Woodward EHV 345 kv Ckt 2	3/1/2021	3/1/2021		
	XFR - Thistle 345/138 kv	10/1/2013	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
76216544	Cherry Co - Gentleman 345 kv Ckt1	10/1/2013	1/1/2018		No
	Cherry Co - Holt Co 345 kv Ckt1	10/1/2013	1/1/2018		No
	Cherry Co 345 kv Terminal Upgrades	10/1/2013	1/1/2018		No
	Elk City 345/230 kv	10/1/2013	3/1/2018		No
	Elk City to Gracemont 345KV AEPW	10/1/2013	3/1/2018		No
	Elk City to Gracemont 345KV OKGE	10/1/2013	3/1/2018		No
	HITCHLAND INTERCHANGE - TEXAS COUNTY INTERCHANGE 115KV CKT1	6/1/2019	6/1/2019		
	Viola - Clearwater 138kv Ckt1	10/1/2014	6/1/2018		No
	Viola - Gill 138kv Ckt1	10/1/2014	6/1/2018		No
	Viola 345/138kv Transformer Ckt 1	10/1/2014	6/1/2018		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
76216544	BEAVER - EUREKA SPRINGS 161KV CKT 1 AEPW	6/1/2014	6/1/2015		No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	10/1/2013	6/1/2018		No
	MEDICINE LODGE - PRATT 115KV CKT 1	10/1/2013	6/15/2014		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
76216544	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345KV CKT 1 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 - IODINE 138KV 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		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
76216544	ZJASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2015	6/1/2015			\$ 5,595	\$ 100,000
	ZOVERTON 345.00 () 345/161/13.8KV TRANSFORMER CKT 1	10/1/2014	10/1/2014			4.48%	100.00%
	BEAVER - EUREKA SPRINGS 161KV CKT 1 SWPA	6/1/2014	6/1/2015		No	\$ -	\$ -
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016		No	\$ 9,297	\$ 125,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016		No	\$ 7,438	\$ 100,000
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2014	6/1/2017		No	\$ 471,792	\$ 8,000,000
	GORE - SALLISAW 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016		No	\$ 30,393	\$ 400,000
					Total	\$ 524,515	\$ 8,725,000

*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.

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
CRGL AG3-2011-057

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
CRGL	76216543	SPS	EES	100	1/1/2013	1/1/2023	6/1/2019	6/1/2029	\$ -	\$ 15,360,000	\$ 32,247,251	\$ 89,185,171
									\$ -	\$ 15,360,000	\$ 32,247,251	\$ 89,185,171

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
76216543	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2015	6/1/2016		No	\$ 59,066	\$ 1,575,000	\$ 226,943	
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2015	6/1/2017		No	\$ 267,813	\$ 7,141,250	\$ 949,488	
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2015	6/1/2016		No	\$ 59,066	\$ 1,575,000	\$ 226,943	
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2015	6/1/2017		No	\$ 177,311	\$ 4,728,000	\$ 628,628	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1	6/1/2015	6/1/2018			\$ 802,290	\$ 14,500,000	\$ 3,069,707	
	GLASS MOUNTAIN - MOORELAND 138KV CKT 1	10/1/2013	6/1/2016		No	\$ 44,792	\$ 225,000	\$ 116,544	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #1	6/1/2019	6/1/2019			\$ 21,352	\$ 350,000	\$ 57,517	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #2	6/1/2019	6/1/2019			\$ 201,319	\$ 3,300,000	\$ 601,383	
	Iatan - Jeffrey Energy Center 345 kV KACP	10/1/2013	6/1/2019		No	\$ 566,678	\$ 14,089,880	\$ 1,966,907	
	Iatan - Jeffrey Energy Center 345 kV WERE	10/1/2013	6/1/2019		No	\$ 5,179,217	\$ 128,776,067	\$ 15,545,450	
	MULLERGREN - SPEARVILLE 230KV CKT 1	10/1/2013	6/1/2019		No	\$ 1,067,435	\$ 36,107,610	\$ 3,996,009	
	Potter to Tolk 345 kV (Please see upgrade description note in Table 4)	10/1/2013	6/1/2019		No	\$ 22,699,228	\$ 131,324,100	\$ 58,287,623	
	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 MIDW	10/1/2013	6/1/2018		No	\$ 318,707	\$ 13,864,500	\$ 871,517	
	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 WERE	10/1/2013	6/1/2018		No	\$ 782,977	\$ 34,061,344	\$ 2,640,511	
						Total	\$ 32,247,251	\$ 391,617,751	\$ 89,185,171

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
76216543	Cimarron - Mathewson 345 kV Ckt 1	3/1/2021	3/1/2021		
	IATAN - NASHUA 345KV CKT 1	10/1/2013	6/1/2015		No
	Line - Clark County - Thistle 345 kv dbi Ckt	10/1/2013	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	10/1/2013	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	10/1/2013	7/1/2014		No
	Line - Spearville - Clark County 345 kv dbi Ckt	10/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	10/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	10/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	10/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	10/1/2013	1/1/2015		No
	Line - Tuco - Woodward 345 kv line OKGE	10/1/2013	6/1/2014		No
	Line - Tuco - Woodward 345 kv line SPS	10/1/2013	6/1/2014		No
	Mathewson - Tatonga 345 kV Ckt 2	3/1/2021	3/1/2021		
	Mathewson 345 kV	3/1/2021	3/1/2021		
	Multi - Kress Interchange - Kiser - Cox 115 kV	10/1/2013	11/30/2014		Yes
	Tatonga - Woodward EHV 345 kV Ckt 2	3/1/2021	3/1/2021		
	XFR - Thistle 345/138 kV	10/1/2013	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
76216543	Cherry Co - Gentleman 345 kV Ckt1	10/1/2013	1/1/2018		No
	Cherry Co - Holt Co 345 kV Ckt1	10/1/2013	1/1/2018		No
	Cherry Co 345 kV Terminal Upgrades	10/1/2013	1/1/2018		No
	Elk City 345/230 kV	10/1/2013	3/1/2018		No
	Elk City to Gracemont 345KV AEPW	10/1/2013	3/1/2018		No
	Elk City to Gracemont 345KV OKGE	10/1/2013	3/1/2018		No
	HITCHLAND INTERCHANGE - TEXAS COUNTY INTERCHANGE 115KV CKT1	6/1/2019	6/1/2019		
	Viola - Clearwater 138kV Ckt1	10/1/2014	6/1/2018		No
	Viola - Gill 138kV Ckt1	10/1/2014	6/1/2018		No
	Viola 345/138kV Transformer Ckt 1	10/1/2014	6/1/2018		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
76216543	BEAVER - EUREKA SPRINGS 161KV CKT 1 AEPW	6/1/2014	6/1/2015		No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	10/1/2013	6/1/2018		No
	MEDICINE LODGE - PRATT 115KV CKT 1	10/1/2013	6/15/2014		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
76216543	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345KV CKT 1 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 - IODINE 138KV 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		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
76216543	ZJASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2015	6/1/2015			\$ 5,595	\$ 100,000
	ZOVERTON 345.00 () 345/161/13.8KV TRANSFORMER CKT 1	10/1/2014	10/1/2014			4.48%	100.00%
	BEAVER - EUREKA SPRINGS 161KV CKT 1 SWPA	6/1/2014	6/1/2015		No	\$ -	\$ -
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016		No	\$ 9,297	\$ 125,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016		No	\$ 7,438	\$ 100,000
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2014	6/1/2017		No	\$ 471,792	\$ 8,000,000
	GORE - SALLISAW 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016		No	\$ 30,393	\$ 400,000
					Total	\$ 524,515	\$ 8,725,000

*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.

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
CRGL AG3-2011-060

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
CRGL	76216522	SECI	EES	100	1/1/2013	1/1/2023	6/1/2019	6/1/2029	\$ -	\$ 15,360,000	\$ 22,861,575	\$ 71,341,032
									\$ -	\$ 15,360,000	\$ 22,861,575	\$ 71,341,032

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
76216522	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2015	6/1/2016		No	\$ 99,301	\$ 1,575,000	\$ 381,534	
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2015	6/1/2017		No	\$ 450,245	\$ 7,141,250	\$ 1,596,272	
	CIMARRON RIVER PLANT - CROOKED CREEK 115KV CKT 1	10/1/2013	6/1/2018		No	\$ 609,334	\$ 26,437,500	\$ 2,666,163	
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2015	6/1/2016		No	\$ 99,301	\$ 1,575,000	\$ 381,534	
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2015	6/1/2017		No	\$ 298,093	\$ 4,728,000	\$ 1,056,841	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1	6/1/2015	6/1/2018			\$ 717,041	\$ 14,500,000	\$ 2,743,529	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #1	6/1/2019	6/1/2019			\$ 17,683	\$ 350,000	\$ 47,634	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #2	6/1/2019	6/1/2019			\$ 166,726	\$ 3,300,000	\$ 498,046	
	HAYS PLANT - VINE STREET 115KV CKT 1	10/1/2013	6/1/2017			\$ 2,362	\$ 129,375	\$ 6,779	
	Iatan - Jeffrey Energy Center 345 kV KACP	10/1/2013	6/1/2019		No	\$ 675,604	\$ 14,089,880	\$ 2,344,983	
	Iatan - Jeffrey Energy Center 345 kV WERE	10/1/2013	6/1/2019		No	\$ 6,174,759	\$ 128,776,067	\$ 18,533,575	
	MULLERGREEN - SPEARVILLE 230KV CKT 1	10/1/2013	6/1/2019		No	\$ 3,581,098	\$ 36,107,610	\$ 13,406,062	
	Potter to Tolk 345 kV (Please see upgrade description note in Table 4)	10/1/2013	6/1/2019		No	\$ 6,620,608	\$ 131,324,100	\$ 17,000,556	
	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 MIDW	10/1/2013	6/1/2018		No	\$ 968,956	\$ 13,864,500	\$ 2,649,647	
	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 WERE	10/1/2013	6/1/2018		No	\$ 2,380,464	\$ 34,061,344	\$ 8,027,876	
						Total	\$ 22,861,575	\$ 417,959,626	\$ 71,341,032

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
76216522	Cimarron - Mathewson 345 kV Ckt 1	3/1/2021	3/1/2021		
	HARPER - MILAN TAP 138KV CKT 1 #1	10/1/2013	12/1/2014		No
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	10/1/2013	6/1/2016		No
	IATAN - NASHUA 345KV CKT 1	10/1/2013	6/1/2015		No
	Line - Clark County - Thistle 345 kv dbl Ckt	10/1/2013	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbl Ckt OKGE	10/1/2013	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbl Ckt SPS	10/1/2013	7/1/2014		No
	Line - Spearville - Clark County 345 kv dbl Ckt	10/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbl Ckt PW	10/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbl Ckt WERE	10/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbl Ckt OKGE	10/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbl Ckt PW	10/1/2013	1/1/2015		No
	Line - Tuco - Woodward 345 kv line OKGE	10/1/2013	6/1/2014		No
	Line - Tuco - Woodward 345 kv line SPS	10/1/2013	6/1/2014		No
	Mathewson - Tatonga 345 kV Ckt 2	3/1/2021	3/1/2021		
	Mathewson 345 kV	3/1/2021	3/1/2021		
	MOUNDRIDGE 138/115KV TRANSFORMER CKT 2	10/1/2013	12/1/2014		No
	Tatonga - Woodward EHV 345 kV Ckt 2	3/1/2021	3/1/2021		
	XFR - Thistle 345/138 kV	10/1/2013	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
76216522	Cherry Co - Gentleman 345 kV Ckt1	10/1/2013	1/1/2018		No
	Cherry Co - Holt Co 345 kV Ckt1	10/1/2013	1/1/2018		No
	Cherry Co 345 kV Terminal Upgrades	10/1/2013	1/1/2018		No
	Elk City 345/230 kV	10/1/2013	3/1/2018		No
	Elk City to Gracemont 345kV AEPW	10/1/2013	3/1/2018		No
	Elk City to Gracemont 345kV OKGE	10/1/2013	3/1/2018		No
	Viola - Clearwater 138kV Ckt1	10/1/2014	6/1/2018		No
	Viola - Gill 138kV Ckt1	10/1/2014	6/1/2018		No
	Viola 345/138kV Transformer Ckt 1	10/1/2014	6/1/2018		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
76216522	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC Accelerate	10/1/2013	6/1/2016		No
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE Accelerate	10/1/2013	6/1/2016		No
	FLATRDG3 138.00 - HARPER 138KV CKT 1	10/1/2013	10/1/2013	6/15/2013	
	HARPER - MILAN TAP 138KV CKT 1 #2 Accelerate	10/1/2013	6/1/2016		No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	10/1/2013	6/1/2018		No
	MEDICINE LODGE - PRATT 115KV CKT 1	10/1/2013	6/15/2014		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216522	BARBER - MEDICINE LODGE 115KV CKT 1	12/1/2009	6/1/2013		
	BARBER (BARBER 4) 138/115/2.72KV TRANSFORMER CKT 1	12/1/2009	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		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345KV CKT 1 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		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
76216522	7JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2015	6/1/2015			\$ 5,104	\$ 100,000
	7OVERTON 345.00 () 345/161/13.8KV TRANSFORMER CKT 1	10/1/2014	10/1/2014			5.84%	100.00%
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016		No	\$ 8,870	\$ 125,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016			\$ 7,096	\$ 100,000
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2014	6/1/2017		No	\$ 490,786	\$ 8,000,000
					Total	\$ 511,856	\$ 8,325,000

*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.

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
CRGL AG3-2011-061

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
CRGL	76216519	SECI	EES	100	1/1/2013	1/1/2023	6/1/2019	6/1/2029	\$ -	\$ 15,360,000	\$ 22,861,575	\$ 71,341,032
									\$ -	\$ 15,360,000	\$ 22,861,575	\$ 71,341,032

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
76216519	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2015	6/1/2016		No	\$ 99,301	\$ 1,575,000	\$ 381,534	
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2015	6/1/2017		No	\$ 450,245	\$ 7,141,250	\$ 1,596,272	
	CIMARRON RIVER PLANT - CROOKED CREEK 115KV CKT 1	10/1/2013	6/1/2018		No	\$ 609,334	\$ 26,437,500	\$ 2,666,163	
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2015	6/1/2016		No	\$ 99,301	\$ 1,575,000	\$ 381,534	
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2015	6/1/2017		No	\$ 298,093	\$ 4,728,000	\$ 1,056,841	
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1	6/1/2015	6/1/2018			\$ 717,041	\$ 14,500,000	\$ 2,743,529	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #1	6/1/2019	6/1/2019			\$ 17,683	\$ 350,000	\$ 47,634	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #2	6/1/2019	6/1/2019			\$ 166,726	\$ 3,300,000	\$ 498,046	
	HAYS PLANT - VINE STREET 115KV CKT 1	10/1/2013	6/1/2017			\$ 2,362	\$ 129,375	\$ 6,779	
	Iatan - Jeffrey Energy Center 345 kV KACP	10/1/2013	6/1/2019		No	\$ 675,604	\$ 14,089,880	\$ 2,344,983	
	Iatan - Jeffrey Energy Center 345 kV WERE	10/1/2013	6/1/2019		No	\$ 6,174,759	\$ 128,776,067	\$ 18,533,575	
	MULLERGREEN - SPEARVILLE 230KV CKT 1	10/1/2013	6/1/2019		No	\$ 3,581,098	\$ 36,107,610	\$ 13,406,062	
	Potter to Tolk 345 kV (Please see upgrade description note in Table 4)	10/1/2013	6/1/2019		No	\$ 6,620,608	\$ 131,324,100	\$ 17,000,556	
	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 MIDW	10/1/2013	6/1/2018		No	\$ 968,956	\$ 13,864,500	\$ 2,649,647	
	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 WERE	10/1/2013	6/1/2018		No	\$ 2,380,464	\$ 34,061,344	\$ 8,027,876	
						Total	\$ 22,861,575	\$ 417,959,626	\$ 71,341,032

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
76216519	Cimarron - Mathewson 345 kV Ckt 1		3/1/2021	3/1/2021	
	HARPER - MILAN TAP 138KV CKT 1 #1	10/1/2013	12/1/2014		No
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	10/1/2013	6/1/2016		No
	IATAN - NASHUA 345KV CKT 1	10/1/2013	6/1/2015		No
	Line - Clark County - Thistle 345 kv dbl Ckt	10/1/2013	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbl Ckt OKGE	10/1/2013	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbl Ckt SPS	10/1/2013	7/1/2014		No
	Line - Spearville - Clark County 345 kv dbl Ckt	10/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbl Ckt PW	10/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbl Ckt WERE	10/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbl Ckt OKGE	10/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbl Ckt PW	10/1/2013	1/1/2015		No
	Line - Tuco - Woodward 345 kv line OKGE	10/1/2013	6/1/2014		No
	Line - Tuco - Woodward 345 kv line SPS	10/1/2013	6/1/2014		No
	Mathewson - Tatonga 345 kV Ckt 2	3/1/2021	3/1/2021		
	Mathewson 345 kV	3/1/2021	3/1/2021		
	MOUNDRIDGE 138/115KV TRANSFORMER CKT 2	10/1/2013	12/1/2014		No
	Tatonga - Woodward EHV 345 kV Ckt 2	3/1/2021	3/1/2021		
	XFR - Thistle 345/138 kV	10/1/2013	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
76216519	Cherry Co - Gentleman 345 kV Ckt1	10/1/2013	1/1/2018		No
	Cherry Co - Holt Co 345 kV Ckt1	10/1/2013	1/1/2018		No
	Cherry Co 345 kV Terminal Upgrades	10/1/2013	1/1/2018		No
	Elk City 345/230 kV	10/1/2013	3/1/2018		No
	Elk City to Gracemont 345kV AEPW	10/1/2013	3/1/2018		No
	Elk City to Gracemont 345kV OKGE	10/1/2013	3/1/2018		No
	Viola - Clearwater 138kV Ckt1	10/1/2014	6/1/2018		No
	Viola - Gill 138kV Ckt1	10/1/2014	6/1/2018		No
	Viola 345/138kV Transformer Ckt 1	10/1/2014	6/1/2018		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
76216519	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC Accelerate	10/1/2013	6/1/2016		No
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE Accelerate	10/1/2013	6/1/2016		No
	FLATRDG3 138.00 - HARPER 138KV CKT 1	10/1/2013	10/1/2013	6/15/2013	
	HARPER - MILAN TAP 138KV CKT 1 #2 Accelerate	10/1/2013	6/1/2016		No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	10/1/2013	6/1/2018		No
	MEDICINE LODGE - PRATT 115KV CKT 1	10/1/2013	6/15/2014		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216519	BARBER - MEDICINE LODGE 115KV CKT 1	12/1/2009	6/1/2013		
	BARBER (BARBER 4) 138/115/2.72KV TRANSFORMER CKT 1	12/1/2009	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		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345KV CKT 1 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		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
76216519	JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2015	6/1/2015			\$ 5,104	\$ 100,000
	7OVERTON 345.00 () 345/161/13.8KV TRANSFORMER CKT 1	10/1/2014	10/1/2014			5.84%	100.00%
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016		No	\$ 8,870	\$ 125,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016			\$ 7,096	\$ 100,000
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2014	6/1/2017		No	\$ 490,786	\$ 8,000,000
					Total	\$ 511,856	\$ 8,325,000

*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.

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
CRGL AG3-2011-068

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
CRGL	76216487	NPPD	EES	100	1/1/2013	1/1/2018	6/1/2018	6/1/2023	\$ -	\$ 7,680,000	\$ 1,223,382	\$ 2,210,681
									\$ -	\$ 7,680,000	\$ 1,223,382	\$ 2,210,681

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216487	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1	6/1/2015	6/1/2018			\$ 454,618	\$ 14,500,000	\$ 845,346
	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 MIDW	10/1/2013	6/1/2018		Yes	\$ 222,396	\$ 13,864,500	\$ 335,464
	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 WERE	10/1/2013	6/1/2018		Yes	\$ 546,368	\$ 34,061,344	\$ 1,029,871
Total						\$ 1,223,382	\$ 62,425,844	\$ 2,210,681

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
76216487	Line - Clark County - Thistle 345 kv dbi Ckt	10/1/2013	1/1/2015		
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	10/1/2013	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	10/1/2013	7/1/2014		
	Line - Spearville - Clark County 345 kv dbi Ckt	10/1/2013	1/1/2015		
	Line - Thistle - Wichita 345 kv dbi Ckt PW	10/1/2013	1/1/2015		
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	10/1/2013	1/1/2015		
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	10/1/2013	1/1/2015		
	Line - Thistle - Woodward 345 kv dbi Ckt PW	10/1/2013	1/1/2015		
	Line - Tuco - Woodward 345 kv line OKGE	10/1/2013	6/1/2014		
	Line - Tuco - Woodward 345 kv line SPS	10/1/2013	6/1/2014		
	XFR - Thistle 345/138 kv	10/1/2013	1/1/2015		

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
76216487	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345KV CKT 1 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		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
76216487	7OVERTON 345.00 (j) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2014	10/1/2014			5.49%	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.

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
CRGL AG3-2011-069

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
CRGL	76216485	NPPD	EES	100	1/1/2013	1/1/2018	6/1/2018	6/1/2023	\$ -	\$ 7,680,000	\$ 1,223,382	\$ 2,210,681
									\$ -	\$ 7,680,000	\$ 1,223,382	\$ 2,210,681

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216485	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1	6/1/2015	6/1/2018			\$ 454,618	\$ 14,500,000	\$ 845,346
	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 MIDW	10/1/2013	6/1/2018		Yes	\$ 222,396	\$ 13,864,500	\$ 335,464
	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 WERE	10/1/2013	6/1/2018		Yes	\$ 546,368	\$ 34,061,344	\$ 1,029,871
Total						\$ 1,223,382	\$ 62,425,844	\$ 2,210,681

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
76216485	Line - Clark County - Thistle 345 kv dbi Ckt	10/1/2013	1/1/2015		
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	10/1/2013	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	10/1/2013	7/1/2014		
	Line - Spearville - Clark County 345 kv dbi Ckt	10/1/2013	1/1/2015		
	Line - Thistle - Wichita 345 kv dbi Ckt PW	10/1/2013	1/1/2015		
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	10/1/2013	1/1/2015		
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	10/1/2013	1/1/2015		
	Line - Thistle - Woodward 345 kv dbi Ckt PW	10/1/2013	1/1/2015		
	Line - Tuco - Woodward 345 kv line OKGE	10/1/2013	6/1/2014		
	Line - Tuco - Woodward 345 kv line SPS	10/1/2013	6/1/2014		
	XFR - Thistle 345/138 kv	10/1/2013	1/1/2015		

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
76216485	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345KV CKT 1 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		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
76216485	7OVERTON 345.00 (J) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2014	10/1/2014			5.49%	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.

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
CRGL AG3-2011-075

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	76216442	WPEK	EES	100	1/1/2014	1/1/2024	6/1/2019	6/1/2029	\$ -	\$ 15,360,000	\$ 14,388,533	\$ 47,306,913
									\$ -	\$ 15,360,000	\$ 14,388,533	\$ 47,306,913

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216442	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2015	6/1/2016		No	\$ 104,621	\$ 1,575,000	\$ 401,975
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2015	6/1/2017		No	\$ 474,367	\$ 7,141,250	\$ 1,681,792
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2015	6/1/2016		No	\$ 104,621	\$ 1,575,000	\$ 401,975
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2015	6/1/2017		No	\$ 314,064	\$ 4,728,000	\$ 1,113,464
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1	6/1/2015	6/1/2018			\$ 730,259	\$ 14,500,000	\$ 2,794,103
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #1	6/1/2019	6/1/2019			\$ 18,371	\$ 350,000	\$ 49,487
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #2	6/1/2019	6/1/2019			\$ 173,209	\$ 3,300,000	\$ 517,412
	Iatan - Jeffrey Energy Center 345 kv KACP	10/1/2013	6/1/2019		No	\$ 692,927	\$ 14,089,880	\$ 2,405,110
	Iatan - Jeffrey Energy Center 345 kv WERE	10/1/2013	6/1/2019		No	\$ 6,333,086	\$ 128,776,067	\$ 19,008,795
	MULLERGREEN - SPEARVILLE 230KV CKT 1	10/1/2013	6/1/2019			\$ 2,845,449	\$ 36,107,610	\$ 10,652,114
	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 MIDW	10/1/2013	6/1/2018			\$ 751,450	\$ 13,864,500	\$ 2,054,869
	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 WERE	10/1/2013	6/1/2018			\$ 1,846,109	\$ 34,061,344	\$ 6,225,817
Total						\$ 14,388,533	\$ 260,068,651	\$ 47,306,913

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
76216442	HARPER - MILAN TAP 138KV CKT 1 #1	10/1/2013	12/1/2014		
	IATAN - NASHUA 345KV CKT 1	10/1/2013	6/1/2015		No
	Line - Clark County - Thistle 345 kv dbi Ckt	10/1/2013	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	10/1/2013	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	10/1/2013	7/1/2014		
	Line - Spearville - Clark County 345 kv dbi Ckt	10/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	10/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	10/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	10/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	10/1/2013	1/1/2015		No
	Line - Tuco - Woodward 345 kv line OKGE	10/1/2013	6/1/2014		
	Line - Tuco - Woodward 345 kv line SPS	10/1/2013	6/1/2014		
	XFR - Thistle 345/138 kv	10/1/2013	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
76216442	Cherry Co - Gentleman 345 kv Ckt1	10/1/2013	1/1/2018		
	Cherry Co - Holt Co 345 kv Ckt1	10/1/2013	1/1/2018		
	Cherry Co 345 kv Terminal Upgrades	10/1/2013	1/1/2018		
	Viola - Clearwater 138kv Ckt1	10/1/2014	6/1/2018		No
	Viola - Gill 138kv Ckt1	10/1/2014	6/1/2018		No
	Viola 345/138kv Transformer Ckt 1	10/1/2014	6/1/2018		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
76216442	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC Accelerate	10/1/2013	6/1/2016		
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE Accelerate	10/1/2013	6/1/2016		
	HARPER - MILAN TAP 138KV CKT 1 #2 Accelerate	10/1/2013	6/1/2016		
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	10/1/2013	6/1/2018		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
76216442	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345KV CKT 1 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		

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
76216442	7JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2015	6/1/2015			\$ 5,305	\$ 100,000
	7OVERTON 345.00 () 345/161/13.8KV TRANSFORMER CKT 1	10/1/2014	10/1/2014			4.83%	100.00%
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016		No	\$ 9,013	\$ 125,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016			\$ 7,211	\$ 100,000
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2014	6/1/2017		No	\$ 497,653	\$ 8,000,000
	GORE - SALLISAW 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016		No	\$ 27,296	\$ 400,000
					Total	\$ 546,478	\$ 8,725,000

*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.

*Credits may be required for applicable generation interconnection network upgrades.

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
76216439	7JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2015	6/1/2015			\$ 10,609	\$ 100,000
	7OVERTON 345.00 () 345/161/13.8KV TRANSFORMER CKT 1	10/1/2014	10/1/2014			9.67%	100.00%
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016		No	\$ 18,027	\$ 125,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016			\$ 14,421	\$ 100,000
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2014	6/1/2017		No	\$ 995,307	\$ 8,000,000
	GORE - SALLISAW 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016		No	\$ 54,591	\$ 400,000
					Total	\$ 1,092,955	\$ 8,725,000

*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.

*Credits may be required for applicable generation interconnection network upgrades.

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
76216437	7JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2015	6/1/2015			\$ 10,609	\$ 100,000
	ZOVERTON 345.00 () 345/161/13.8KV TRANSFORMER CKT 1	10/1/2014	10/1/2014			9.67%	100.00%
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016		No	\$ 18,027	\$ 125,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016			\$ 14,421	\$ 100,000
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2014	6/1/2017		No	\$ 995,307	\$ 8,000,000
	GORE - SALLISAW 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016		No	\$ 54,591	\$ 400,000
					Total	\$ 1,092,955	\$ 8,725,000

*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.

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
FPLP AG3-2011-005

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
FPLP	76143887	WR	EES	100	12/31/2012	12/31/2032	6/1/2019	6/1/2039	\$ -	\$ 30,720,000	\$ 23,509,056	\$ 97,101,776
									\$ -	\$ 30,720,000	\$ 23,509,056	\$ 97,101,776

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76143887	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2015	6/1/2016		No	\$ 98,039	\$ 1,575,000	\$ 504,376
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2015	6/1/2017		No	\$ 444,523	\$ 7,141,250	\$ 2,110,218
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2015	6/1/2016		No	\$ 98,039	\$ 1,575,000	\$ 504,376
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2015	6/1/2017		No	\$ 294,305	\$ 4,728,000	\$ 1,397,110
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1	6/1/2015	6/1/2018			\$ 673,982	\$ 14,500,000	\$ 3,666,699
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #1	6/1/2019	6/1/2019			\$ 15,468	\$ 350,000	\$ 61,562
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #2	6/1/2019	6/1/2019			\$ 145,842	\$ 3,300,000	\$ 643,680
	HAYS PLANT - VINE STREET 115KV CKT 1	10/1/2013	6/1/2017		No	\$ 53,073	\$ 129,375	\$ 207,370
	Iatan - Jeffrey Energy Center 345 kV KACP	10/1/2013	6/1/2019		No	\$ 777,049	\$ 14,089,880	\$ 3,815,279
	Iatan - Jeffrey Energy Center 345 kV WERE	10/1/2013	6/1/2019		No	\$ 7,101,932	\$ 128,776,067	\$ 28,733,810
	Potter to Tolk 345 kV (Please see upgrade description note in Table 4)	10/1/2013	6/1/2019		No	\$ 5,041,023	\$ 131,324,100	\$ 17,885,437
	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 MIDW	10/1/2013	6/1/2018		No	\$ 2,535,859	\$ 13,864,500	\$ 9,440,113
	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 WERE	10/1/2013	6/1/2018		No	\$ 6,229,922	\$ 34,061,344	\$ 28,131,748
	Total					\$ 23,509,056	\$ 355,414,516	\$ 97,101,776

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
76143887	Cimarron - Mathewson 345 kV Ckt 1	3/1/2021	3/1/2021		
	HARPER - MILAN TAP 138KV CKT 1 #1	10/1/2013	12/1/2014		Yes
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	10/1/2013	6/1/2016		Yes
	IATAN - NASHUA 345KV CKT 1	10/1/2013	6/1/2015		No
	Line - Clark County - Thistle 345 kv dbi Ckt	10/1/2013	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	10/1/2013	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	10/1/2013	7/1/2014		No
	Line - Spearville - Clark County 345 kv dbi Ckt	10/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	10/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	10/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	10/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	10/1/2013	1/1/2015		No
	Line - Tuco - Woodward 345 kv line OKGE	10/1/2013	6/1/2014		No
	Line - Tuco - Woodward 345 kv line SPS	10/1/2013	6/1/2014		No
	Mathewson - Tatonga 345 kv Ckt 2	3/1/2021	3/1/2021		
	Mathewson 345 kv	3/1/2021	3/1/2021		
	MOUNDRIDGE 138/115KV TRANSFORMER CKT 2	10/1/2013	12/1/2014		No
	Tatonga - Woodward EHV 345 kv Ckt 2	3/1/2021	3/1/2021		
	XFR - Thistle 345/138 kv	10/1/2013	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
76143887	Cherry Co - Gentleman 345 kv Ckt1	10/1/2013	1/1/2018		No
	Cherry Co - Holt Co 345 kv Ckt1	10/1/2013	1/1/2018		No
	Cherry Co 345 kv Terminal Upgrades	10/1/2013	1/1/2018		No
	Elk City 345/230 kv	10/1/2013	3/1/2018		No
	Elk City to Gracemont 345kv AEPW	10/1/2013	3/1/2018		No
	Elk City to Gracemont 345kv OKGE	10/1/2013	3/1/2018		No
	Elm Creek to Summit 345 kv ITCGP	10/1/2013	3/1/2018		
	Elm Creek to Summit 345 kv WERE	10/1/2013	3/1/2018		
	GREENLEAF - KNOB HILL 115KV CKT 1 WERE	10/1/2013	12/31/2013		No
	Viola - Clearwater 138kv Ckt1	10/1/2014	6/1/2018		No
	Viola - Gill 138kv Ckt1	10/1/2014	6/1/2018		No
	Viola 345/138kv Transformer Ckt 1	10/1/2014	6/1/2018		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
76143887	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC Accelerate	10/1/2013	6/1/2016		No
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE Accelerate	10/1/2013	6/1/2016		No
	FLATRDG3 138.00 - HARPER 138KV CKT 1	10/1/2013	10/1/2013	6/15/2013	
	HARPER - MILAN TAP 138KV CKT 1 #2 Accelerate	10/1/2013	6/1/2016		No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	10/1/2013	6/1/2018		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
76143887	BARBER (BARBER 4) 138/115/2.72KV TRANSFORMER CKT 1	12/1/2009	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		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345KV CKT 1 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		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	**Total E & C Cost
76143887	7JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2015	6/1/2015			\$ 4,605	\$ 100,000
	7OVERTON 345.00 () 345/161/13.8KV TRANSFORMER CKT 1	10/1/2014	10/1/2014			6.37%	100.00%
					Total	\$ 4,605	\$ 100,000

*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.

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
FPLP AG3-2011-006

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
FPLP	76143889	WR	EES	100	12/31/2012	12/31/2032	6/1/2019	6/1/2039	\$ -	\$ 30,720,000	\$ 23,509,056	\$ 97,101,776
									\$ -	\$ 30,720,000	\$ 23,509,056	\$ 97,101,776

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76143889	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2015	6/1/2016		No	\$ 98,039	\$ 1,575,000	\$ 504,376
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2015	6/1/2017		No	\$ 444,523	\$ 7,141,250	\$ 2,110,218
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2015	6/1/2016		No	\$ 98,039	\$ 1,575,000	\$ 504,376
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2015	6/1/2017		No	\$ 294,305	\$ 4,728,000	\$ 1,397,110
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1	6/1/2015	6/1/2018			\$ 673,982	\$ 14,500,000	\$ 3,666,699
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #1	6/1/2019	6/1/2019			\$ 15,468	\$ 350,000	\$ 61,562
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #2	6/1/2019	6/1/2019			\$ 145,842	\$ 3,300,000	\$ 643,680
	HAYS PLANT - VINE STREET 115KV CKT 1	10/1/2013	6/1/2017		No	\$ 53,073	\$ 129,375	\$ 207,370
	Iatan - Jeffrey Energy Center 345 kV KACP	10/1/2013	6/1/2019		No	\$ 777,049	\$ 14,089,880	\$ 3,815,279
	Iatan - Jeffrey Energy Center 345 kV WERE	10/1/2013	6/1/2019		No	\$ 7,101,932	\$ 128,776,067	\$ 28,733,810
	Potter to Tolk 345 kV (Please see upgrade description note in Table 4)	10/1/2013	6/1/2019		No	\$ 5,041,023	\$ 131,324,100	\$ 17,885,437
	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 MIDW	10/1/2013	6/1/2018		No	\$ 2,535,859	\$ 13,864,500	\$ 9,440,113
	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 WERE	10/1/2013	6/1/2018		No	\$ 6,229,922	\$ 34,061,344	\$ 28,131,748
					Total	\$ 23,509,056	\$ 355,414,516	\$ 97,101,776

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
76143889	Cimarron - Mathewson 345 kV Ckt 1	3/1/2021	3/1/2021		
	HARPER - MILAN TAP 138KV CKT 1 #1	10/1/2013	12/1/2014		Yes
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	10/1/2013	6/1/2016		Yes
	IATAN - NASHUA 345KV CKT 1	10/1/2013	6/1/2015		No
	Line - Clark County - Thistle 345 kv dbi Ckt	10/1/2013	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	10/1/2013	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	10/1/2013	7/1/2014		No
	Line - Spearville - Clark County 345 kv dbi Ckt	10/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	10/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	10/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	10/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	10/1/2013	1/1/2015		No
	Line - Tuco - Woodward 345 kv line OKGE	10/1/2013	6/1/2014		No
	Line - Tuco - Woodward 345 kv line SPS	10/1/2013	6/1/2014		No
	Mathewson - Tatonga 345 kv Ckt 2	3/1/2021	3/1/2021		
	Mathewson 345 kv	3/1/2021	3/1/2021		
	MOUNDRIDGE 138/115KV TRANSFORMER CKT 2	10/1/2013	12/1/2014		No
	Tatonga - Woodward EHV 345 kv Ckt 2	3/1/2021	3/1/2021		
	XFR - Thistle 345/138 kv	10/1/2013	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
76143889	Cherry Co - Gentleman 345 kv Ckt1	10/1/2013	1/1/2018		No
	Cherry Co - Holt Co 345 kv Ckt1	10/1/2013	1/1/2018		No
	Cherry Co 345 kv Terminal Upgrades	10/1/2013	1/1/2018		No
	Elk City 345/230 kv	10/1/2013	3/1/2018		No
	Elk City to Gracemont 345kv AEPW	10/1/2013	3/1/2018		No
	Elk City to Gracemont 345kv OKGE	10/1/2013	3/1/2018		No
	Elm Creek to Summit 345 kv ITCGP	10/1/2013	3/1/2018		
	Elm Creek to Summit 345 kv WERE	10/1/2013	3/1/2018		
	GREENLEAF - KNOB HILL 115KV CKT 1 WERE	10/1/2013	12/31/2013		No
	Viola - Clearwater 138kv Ckt1	10/1/2014	6/1/2018		No
	Viola - Gill 138kv Ckt1	10/1/2014	6/1/2018		No
	Viola 345/138kv Transformer Ckt 1	10/1/2014	6/1/2018		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
76143889	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC Accelerate	10/1/2013	6/1/2016		No
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE Accelerate	10/1/2013	6/1/2016		No
	FLATRDG3 138.00 - HARPER 138KV CKT 1	10/1/2013	10/1/2013	6/15/2013	
	HARPER - MILAN TAP 138KV CKT 1 #2 Accelerate	10/1/2013	6/1/2016		No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	10/1/2013	6/1/2018		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
76143889	BARBER (BARBER 4) 138/115/2.72KV TRANSFORMER CKT 1	12/1/2009	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		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345KV CKT 1 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		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	**Total E & C Cost
76143889	7JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2015	6/1/2015			\$ 4,605	\$ 100,000
	7OVERTON 345.00 () 345/161/13.8KV TRANSFORMER CKT 1	10/1/2014	10/1/2014			6.37%	100.00%
					Total	\$ 4,605	\$ 100,000

*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.

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
FPLP AG3-2011-047

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
FPLP	76216533	CSWS	EES	100	1/1/2013	1/1/2033	6/1/2019	6/1/2039	\$ -	\$ 30,720,000	\$ 16,607,404	\$ 89,941,616
									\$ -	\$ 30,720,000	\$ 16,607,404	\$ 89,941,616

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216533	ELK CITY - FALCON ROAD 138KV CKT 2			6/1/2015	6/1/2017	\$ 5,343,473	\$ 5,352,000	\$ 32,402,451
	FT SMITH (FTSMITH1) 500/345/13.8KV TRANSFORMER CKT 1			6/1/2015	6/1/2018	\$ 966,179	\$ 14,500,000	\$ 5,256,353
	GLASS MOUNTAIN - MOORELAND 138KV CKT 1			10/1/2013	6/1/2016	\$ 53,305	\$ 225,000	\$ 166,972
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #1			6/1/2019	6/1/2019	\$ 20,754	\$ 350,000	\$ 82,600
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #2			6/1/2019	6/1/2019	\$ 195,677	\$ 3,300,000	\$ 863,629
	HOBART - HOBART JUNCTION 69KV CKT 1			10/1/2013	6/1/2017	\$ 3,800,000	\$ 3,800,000	\$ 22,655,645
	Iatan - Jeffrey Energy Center 345 kv KACP			10/1/2013	6/1/2019	\$ 403,551	\$ 14,089,880	\$ 1,981,419
	Iatan - Jeffrey Energy Center 345 kv WERE			10/1/2013	6/1/2019	\$ 3,688,303	\$ 128,776,067	\$ 14,922,559
	MULLERGREN - SPEARVILLE 230KV CKT 1			10/1/2013	6/1/2019	\$ 480,248	\$ 36,107,610	\$ 2,556,631
	ROOSEVELT TAP - SNYDER 69KV CKT 1 Accelerate			10/1/2013	6/1/2017	\$ 1,655,914	\$ 1,655,914	\$ 9,053,359
Total						\$ 16,607,404	\$ 208,156,471	\$ 89,941,616

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
76216533	Cimarron - Mathewson 345 kv Ckt 1			3/1/2021	3/1/2021
	Line - Clark County - Thistle 345 kv dbi Ckt			10/1/2013	1/1/2015
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE			10/1/2013	7/1/2014
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS			10/1/2013	7/1/2014
	Line - Spearville - Clark County 345 kv dbi Ckt			10/1/2013	1/1/2015
	Line - Thistle - Wichita 345 kv dbi Ckt PW			10/1/2013	1/1/2015
	Line - Thistle - Wichita 345 kv dbi Ckt WERE			10/1/2013	1/1/2015
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE			10/1/2013	1/1/2015
	Line - Thistle - Woodward 345 kv dbi Ckt PW			10/1/2013	1/1/2015
	Line - Tuco - Woodward 345 kv line OKGE			10/1/2013	6/1/2014
	Line - Tuco - Woodward 345 kv line SPS			10/1/2013	6/1/2014
	Mathewson - Tatonga 345 kv Ckt 2			3/1/2021	3/1/2021
	Mathewson 345 kv			3/1/2021	3/1/2021
	Tatonga - Woodward EHV 345 kv Ckt 2			3/1/2021	3/1/2021
	XFR - Thistle 345/138 kv			10/1/2013	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
76216533	Cherry Co - Gentleman 345 kv Ckt1			10/1/2013	1/1/2018
	Cherry Co - Holt Co 345 kv Ckt1			10/1/2013	1/1/2018
	Cherry Co 345 kv Terminal Upgrades			10/1/2013	1/1/2018
	Elk City 345/230 kv			10/1/2013	3/1/2018
	Elk City to Gracemont 345kv AEPW			10/1/2013	3/1/2018
	Elk City to Gracemont 345kv OKGE			10/1/2013	3/1/2018
	HOBART - ROOSEVELT TAP 69KV CKT 1			10/1/2013	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
76216533	BEAVER - EUREKA SPRINGS 161KV CKT 1 AEPW			6/1/2014	6/1/2015
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1			10/1/2013	6/1/2018

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
76216533	CHERRY6 230.00 - Harrington Station East Bus 230KV CKT 1			6/1/2015	6/1/2015
	APACHE CO 138.00 - PARADISE 138KV CKT 1			6/1/2010	6/1/2013
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 OKGE			1/1/2012	1/1/2012
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 WFEC			1/1/2012	1/1/2012
	HUGO POWER PLANT - VALLIANT 345 KV AEPW			7/1/2012	7/1/2012
	HUGO POWER PLANT - VALLIANT 345KV CKT 1 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

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
76216533	Potter to Tolk 345 kV (Please see upgrade description note in Table 4)	10/1/2013	6/1/2019		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
76216533	7JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2015	6/1/2015			\$ 4,838	\$ 100,000
	7OVERTON 345.00 (J) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2014	10/1/2014			3.38%	100.00%
	BEAVER - EUREKA SPRINGS 161KV CKT 1 SWPA	6/1/2014	6/1/2015		No	\$ -	\$ -
	GORE - MUSKOGEE TAP 161KV CKT 1	6/1/2014	6/1/2017		No	\$ 542,802	\$ 8,000,000
	GORE - SALLISAW 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016		No	\$ 36,776	\$ 400,000
					Total	\$ 584,416	\$ 8,500,000

*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.

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
GSECGS AG3-2011-031

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
GSECGS	76214890	OKGE	SPS	101	8/1/2012	1/1/2033	6/1/2019	11/1/2039	\$ 18,180,000	\$ -	\$ 51,976,310	\$ 117,994,740
									\$ 18,180,000	\$ -	\$ 51,976,310	\$ 117,994,740

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
76214890	DENVER CITY INTERCHANGE N. - MUSTANG STATION N. 115KV CKT 1	6/1/2015	6/1/2017			\$ 93,724	\$ 174,231	\$ 267,955	\$ 2,154,989	\$ 690,152
	DENVER CITY INTERCHANGE S. - MUSTANG STATION N. 115KV CKT 2	6/1/2019	6/1/2019			\$ 105,501	\$ 196,124	\$ 301,625	\$ 2,137,372	\$ 698,538
	Potter to Tolk 345 kV (Please see upgrade description note in Table 4)	10/1/2013	6/1/2019		Yes	\$ 17,980,775	\$ 33,425,955	\$ 51,406,730	\$ 131,324,100	\$ 116,606,049
					Total	\$ 18,180,000	\$ 33,796,310	\$ 51,976,310	\$ 135,616,460	\$ 117,994,740

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
76214890	Carlisle Interchange - Wolfforth Interchange 230 kV Ckt 1	6/1/2017	6/1/2017		
	Cimarron - Mathewson 345 kV Ckt 1	3/1/2021	3/1/2021		
	DEAF SMITH COUNTY INTERCHANGE (J) 230/115/13.8KV TRANSFORMER CKT 1	10/1/2013	3/1/2015		Yes
	DEAF SMITH COUNTY INTERCHANGE (J) 230/115/13.8KV TRANSFORMER CKT 2	10/1/2013	3/1/2015		Yes
	HOBBS INTERCHANGE (J) 230/115/13.2KV TRANSFORMER CKT 1	10/1/2013	12/31/2013		Yes
	Line - Clark County - Thistle 345 kV dbI Ckt	10/1/2013	1/1/2015		Yes
	Line - Hitchland - Woodward 345 kV dbI Ckt OKGE	10/1/2013	7/1/2014		Yes
	Line - Hitchland - Woodward 345 kV dbI Ckt SPS	10/1/2013	7/1/2014		Yes
	Line - Spearville - Clark County 345 kV dbI Ckt	10/1/2013	1/1/2015		Yes
	Line - Thistle - Wichita 345 kV dbI Ckt PW	10/1/2013	1/1/2015		Yes
	Line - Thistle - Wichita 345 kV dbI Ckt WERE	10/1/2013	1/1/2015		Yes
	Line - Thistle - Woodward 345 kV dbI Ckt OKGE	10/1/2013	1/1/2015		Yes
	Line - Thistle - Woodward 345 kV dbI Ckt PW	10/1/2013	1/1/2015		Yes
	Line - Tuco - Woodward 345 kV line OKGE	10/1/2013	6/1/2014		Yes
	Line - Tuco - Woodward 345 kV line SPS	10/1/2013	6/1/2014		Yes
	Mathewson - Tatonga 345 kV Ckt 2	3/1/2021	3/1/2021		
	Mathewson 345 kV	3/1/2021	3/1/2021		
	Multi - Kress Interchange - Kiser - Cox 115 kV	10/1/2013	11/30/2014		Yes
	Tatonga - Woodward EHV 345 kV Ckt 2	3/1/2021	3/1/2021		
	XFR - Thistle 345/138 kV	10/1/2013	1/1/2015		Yes

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
76214890	Cherry Co - Gentleman 345 kV Ckt1	10/1/2013	1/1/2018		Yes
	Cherry Co - Holt Co 345 kV Ckt1	10/1/2013	1/1/2018		Yes
	Cherry Co 345 kV Terminal Upgrades	10/1/2013	1/1/2018		Yes
	Elk City 345/230 kV	10/1/2013	3/1/2018		Yes
	Elk City to Gracemont 345kV AEPW	10/1/2013	3/1/2018		Yes
	Elk City to Gracemont 345kV OKGE	10/1/2013	3/1/2018		Yes
	HITCHLAND INTERCHANGE - TEXAS COUNTY INTERCHANGE 115KV CKT1	6/1/2019	6/1/2019		

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
76214890	CHERRY6 230.00 - Harrington Station East Bus 230KV CKT 1	6/1/2015	6/1/2015		
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 OKGE	1/1/2012	1/1/2012		
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 WFEC	1/1/2012	1/1/2012		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD - IODINE 138KV 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		

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
 GSECGS AG3-2011-032

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
GSECGS	76214894	SPS	SPS	175	12/1/2012	1/1/2043	3/1/2015	4/1/2045	\$ 11,237,295	\$ -	\$ 11,237,295	\$ 34,810,861
									\$ 11,237,295	\$ -	\$ 11,237,295	\$ 34,810,861

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76214894	DENVER CITY INTERCHANGE N. - MUSTANG STATION N. 115KV CKT 1	6/1/2015	6/1/2017			\$ 1,887,034	\$ 2,154,989	\$ 6,384,947
	DENVER CITY INTERCHANGE S. - MUSTANG STATION N. 115KV CKT 2	6/1/2019	6/1/2019			\$ 1,835,747	\$ 2,137,372	\$ 5,585,094
	YOAKUM COUNTY INTERCHANGE () 230/115/13.2KV TRANSFORMER CKT 1	6/1/2019	6/1/2019			\$ 3,757,257	\$ 3,757,257	\$ 11,420,410
	YOAKUM COUNTY INTERCHANGE () 230/115/13.2KV TRANSFORMER CKT 2	6/1/2019	6/1/2019			\$ 3,757,257	\$ 3,757,257	\$ 11,420,410
	Total					\$ 11,237,295	\$ 11,806,874	\$ 34,810,861

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
76214894	DEAF SMITH COUNTY INTERCHANGE () 230/115/13.8KV TRANSFORMER CKT 1	10/1/2013	3/1/2015		Yes
	DEAF SMITH COUNTY INTERCHANGE () 230/115/13.8KV TRANSFORMER CKT 2	10/1/2013	3/1/2015		Yes
	Line - Clark County - Thistle 345 kv dbi Ckt	10/1/2013	1/1/2015		Yes
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	10/1/2013	7/1/2014		Yes
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	10/1/2013	7/1/2014		Yes
	Line - Spearville - Clark County 345 kv dbi Ckt	10/1/2013	1/1/2015		Yes
	Line - Thistle - Wichita 345 kv dbi Ckt PW	10/1/2013	1/1/2015		Yes
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	10/1/2013	1/1/2015		Yes
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	10/1/2013	1/1/2015		Yes
	Line - Thistle - Woodward 345 kv dbi Ckt PW	10/1/2013	1/1/2015		Yes
	Line - Tuco - Woodward 345 kv line OKGE	10/1/2013	6/1/2014		Yes
	Line - Tuco - Woodward 345 kv line SPS	10/1/2013	6/1/2014		Yes
	XFR - Thistle 345/138 kv	10/1/2013	1/1/2015		Yes

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
76214894	HITCHLAND INTERCHANGE - TEXAS COUNTY INTERCHANGE 115KV CKT1	6/1/2019	6/1/2019		

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
76214894	CHERRY6 230.00 - Harrington Station East Bus 230KV CKT 1	6/1/2015	6/1/2015		

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
KBPU AG3-2011-019

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
KBPU	76210042	MPS	KACY	100	1/1/2013	1/1/2043	6/1/2017	6/1/2047	\$ -	\$ 31,572,000	\$ 635,017	\$ 2,441,842
									\$ -	\$ 31,572,000	\$ 635,017	\$ 2,441,842

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76210042	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #2 Accelerate	6/1/2014	6/1/2017		Yes	\$ 88,455	\$ 150,654	\$ 303,723
	KAW WEST 5 161/69KV TRANSFORMER CKT 1	6/1/2014	6/1/2014			\$ -	\$ -	\$ -
	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #2	6/1/2015	6/1/2016		Yes	\$ 546,562	\$ 3,294,000	\$ 2,138,120
Total						\$ 635,017	\$ 3,444,654	\$ 2,441,842

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
76210042	IATAN - NASHUA 345KV CKT 1	10/1/2013	6/1/2015		Yes

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
76210042	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1	6/1/2014	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
76210042	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #1 Accelerate	6/1/2014	6/1/2015		Yes
	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #2 Accelerate	6/1/2014	6/1/2016		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
76210042	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
76210042	ECKLES - MISSOURI CITY 161KV CKT 1 AECI	10/1/2013	10/1/2013			65.57%	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.

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
 KCPS AG3-2011-026

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	76216053	SECI	KCPL	32	4/1/2012	4/1/2032	6/1/2019	4/1/2032	\$ 5,760,000	-	\$ 8,720,277	\$ 36,129,938
									\$ 5,760,000	\$ -	\$ 8,720,277	\$ 36,129,938

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
76216053	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #2 Accelerate	6/1/2014	6/1/2017		No	\$ 2,336	\$ 2,452	\$ 4,788	\$ 150,654	\$ 20,189
	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2015	6/1/2016		No	\$ 12,967	\$ 13,607	\$ 26,574	\$ 1,575,000	\$ 136,714
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2015	6/1/2017		No	\$ 58,793	\$ 61,697	\$ 120,490	\$ 7,141,250	\$ 571,984
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2015	6/1/2016		No	\$ 12,967	\$ 13,607	\$ 26,574	\$ 1,575,000	\$ 136,714
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2015	6/1/2017		No	\$ 38,925	\$ 40,848	\$ 79,773	\$ 4,728,000	\$ 378,694
	HAYS PLANT - VINE STREET 115KV CKT 1	10/1/2013	6/1/2017			\$ 94	\$ 99	\$ 193	\$ 129,375	\$ 754
	Iatan - Jeffrey Energy Center 345 kv KACP	10/1/2013	6/1/2019		No	\$ 272,602	\$ 101,705	\$ 374,307	\$ 14,089,880	\$ 1,837,832
	Iatan - Jeffrey Energy Center 345 kv WERE	10/1/2013	6/1/2019		No	\$ 2,491,478	\$ 929,540	\$ 3,421,018	\$ 128,776,067	\$ 13,841,146
	MULLERGREN - SPEARVILLE 230KV CKT 1	10/1/2013	6/1/2019		No	\$ 482,101	\$ 505,909	\$ 988,010	\$ 36,107,610	\$ 5,259,734
	Potter to Tolk 345 kv (Please see upgrade description note in Table 4)	10/1/2013	6/1/2019		No	\$ 1,796,311	\$ 670,182	\$ 2,466,493	\$ 131,324,100	\$ 8,751,062
	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 MIDW	10/1/2013	6/1/2018		No	\$ 171,094	\$ 179,543	\$ 350,637	\$ 13,864,500	\$ 1,305,298
	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 WERE	10/1/2013	6/1/2018		No	\$ 420,331	\$ 441,089	\$ 861,420	\$ 34,061,344	\$ 3,889,816
	Total					\$ 5,760,000	\$ 2,960,277	\$ 8,720,277	\$ 373,522,780	\$ 36,129,938

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
76216053	Cimarron - Mathewson 345 kv Ckt 1	3/1/2021	3/1/2021		
	HARPER - MILAN TAP 138KV CKT 1 #1	10/1/2013	12/1/2014		No
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	10/1/2013	6/1/2016		No
	IATAN - NASHUA 345KV CKT 1	10/1/2013	6/1/2015		No
	Line - Clark County - Thistle 345 kv dbi Ckt	10/1/2013	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	10/1/2013	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	10/1/2013	7/1/2014		No
	Line - Spearville - Clark County 345 kv dbi Ckt	10/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	10/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	10/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	10/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	10/1/2013	1/1/2015		No
	Line - Tuco - Woodward 345 kv line OKGE	10/1/2013	6/1/2014		No
	Line - Tuco - Woodward 345 kv line SPS	10/1/2013	6/1/2014		No
	Mathewson - Tatonga 345 kv Ckt 2	3/1/2021	3/1/2021		
	Mathewson 345 kv	3/1/2021	3/1/2021		
	MOUNDRIDGE 138/115KV TRANSFORMER CKT 2	10/1/2013	12/1/2014		No
	Tatonga - Woodward EHV 345 kv Ckt 2	3/1/2021	3/1/2021		
	XFR - Thistle 345/138 kv	10/1/2013	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
76216053	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1	6/1/2014	6/1/2015		
	Cherry Co - Gentleman 345 kv Ckt1	10/1/2013	1/1/2018		No
	Cherry Co - Holt Co 345 kv Ckt1	10/1/2013	1/1/2018		No
	Cherry Co 345 kv Terminal Upgrades	10/1/2013	1/1/2018		No
	Elk City 345/230 kv	10/1/2013	3/1/2018		No
	Elk City to Gracemont 345kv AEPW	10/1/2013	3/1/2018		No
	Elk City to Gracemont 345kv OKGE	10/1/2013	3/1/2018		No
	Viola - Clearwater 138kv Ckt1	10/1/2014	6/1/2018		No
	Viola - Gill 138kv Ckt1	10/1/2014	6/1/2018		No
	Viola 345/138kv Transformer Ckt 1	10/1/2014	6/1/2018		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
76216053	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #1 Accelerate	6/1/2014	6/1/2015		
	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #2 Accelerate	6/1/2014	6/1/2016		No
	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC Accelerate	10/1/2013	6/1/2016		No
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE Accelerate	10/1/2013	6/1/2016		No
	FLATRDG3 138.00 - HARPER 138KV CKT 1	10/1/2013	10/1/2013	6/15/2013	
	HARPER - MILAN TAP 138KV CKT 1 #2 Accelerate	10/1/2013	6/1/2016		No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	10/1/2013	6/1/2018		No
	MEDICINE LODGE - PRATT 115KV CKT 1	10/1/2013	6/15/2014		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
76216053	BARBER - MEDICINE LODGE 115KV CKT 1	12/1/2009	6/1/2013		
	BARBER (BARBER 4) 138/115/2.72KV TRANSFORMER CKT 1	12/1/2009	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		
	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		
	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
76216053	CIMARRON RIVER PLANT - CROOKED CREEK 115KV CKT 1	10/1/2013	6/1/2018		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
76216053	JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2015	6/1/2015			\$ 759	\$ 100,000
					Total	\$ 759	\$ 100,000

*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.

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
 KCPS AG3-2011-027

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
KCPS	76216066	WPEK	KCPL	50	4/1/2012	4/1/2032	6/1/2019	4/1/2032	\$ 9,000,000	\$ -	\$ 15,147,802	\$ 66,748,288
									\$ 9,000,000	\$ -	\$ 15,147,802	\$ 66,748,288

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
76216066	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #2 Accelerate	6/1/2014	6/1/2017		No	\$ 3,497	\$ 4,074	\$ 7,571	\$ 150,654	\$ 31,924
	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2015	6/1/2016		No	\$ 21,358	\$ 24,878	\$ 46,236	\$ 1,575,000	\$ 237,868
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2015	6/1/2017		No	\$ 96,841	\$ 112,798	\$ 209,639	\$ 7,141,250	\$ 995,188
	CIMARRON RIVER PLANT - CROOKED CREEK 115KV CKT 1	10/1/2013	6/1/2018		No	\$ 232,182	\$ 270,441	\$ 502,623	\$ 26,437,500	\$ 3,117,040
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2015	6/1/2016		No	\$ 21,358	\$ 24,878	\$ 46,236	\$ 1,575,000	\$ 237,868
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2015	6/1/2017		No	\$ 64,116	\$ 74,680	\$ 138,796	\$ 4,728,000	\$ 658,886
	HAYS PLANT - VINE STREET 115KV CKT 1	10/1/2013	6/1/2017		No	\$ 1,056	\$ 1,231	\$ 2,287	\$ 129,375	\$ 8,936
	Iatan - Jeffrey Energy Center 345 kV KACP	10/1/2013	6/1/2019		No	\$ 428,933	\$ 193,192	\$ 622,125	\$ 14,089,880	\$ 3,054,609
	Iatan - Jeffrey Energy Center 345 kV WERE	10/1/2013	6/1/2019		No	\$ 3,920,280	\$ 1,765,704	\$ 5,685,984	\$ 128,776,067	\$ 23,005,005
	MULLERGREN - SPEARVILLE 230KV CKT 1	10/1/2013	6/1/2019		No	\$ 1,531,661	\$ 1,784,047	\$ 3,315,708	\$ 36,107,610	\$ 17,651,382
	Potter to Tolk 345 kV (Please see upgrade description note in Table 4)	10/1/2013	6/1/2019		No	\$ 1,719,314	\$ 774,383	\$ 2,493,697	\$ 131,324,100	\$ 8,847,581
	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 MIDW	10/1/2013	6/1/2018		No	\$ 277,547	\$ 323,281	\$ 600,828	\$ 13,864,500	\$ 2,236,672
	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 WERE	10/1/2013	6/1/2018		No	\$ 681,858	\$ 794,214	\$ 1,476,072	\$ 34,061,344	\$ 6,665,330
					Total	\$ 9,000,000	\$ 6,147,802	\$ 15,147,802	\$ 399,960,280	\$ 66,748,288

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
76216066	Cimarron - Mathewson 345 kV Ckt 1	3/1/2021	3/1/2021		
	HARPER - MILAN TAP 138KV CKT 1 #1	10/1/2013	12/1/2014		No
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	10/1/2013	6/1/2016		No
	IATAN - NASHUA 345KV CKT 1	10/1/2013	6/1/2015		No
	Line - Clark County - Thistle 345 kv dbi Ckt	10/1/2013	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	10/1/2013	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	10/1/2013	7/1/2014		No
	Line - Spearville - Clark County 345 kv dbi Ckt	10/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	10/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	10/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	10/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	10/1/2013	1/1/2015		No
	Line - Tuco - Woodward 345 kv line OKGE	10/1/2013	6/1/2014		No
	Line - Tuco - Woodward 345 kv line SPS	10/1/2013	6/1/2014		No
	Mathewson - Tatonga 345 kv Ckt 2	3/1/2021	3/1/2021		
	Mathewson 345 kv	3/1/2021	3/1/2021		
	MOUNDRIDGE 138/115KV TRANSFORMER CKT 2	10/1/2013	12/1/2014		No
	Tatonga - Woodward EHV 345 kv Ckt 2	3/1/2021	3/1/2021		
	XFR - Thistle 345/138 kv	10/1/2013	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
76216066	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1	6/1/2014	6/1/2015		
	Cherry Co - Gentleman 345 kv Ckt1	10/1/2013	1/1/2018		No
	Cherry Co - Holt Co 345 kv Ckt1	10/1/2013	1/1/2018		No
	Cherry Co 345 kv Terminal Upgrades	10/1/2013	1/1/2018		No
	Elk City 345/230 kv	10/1/2013	3/1/2018		No
	Elk City to Gracemont 345kv AEPW	10/1/2013	3/1/2018		No
	Elk City to Gracemont 345kv OKGE	10/1/2013	3/1/2018		No
	Viola - Clearwater 138kv Ckt1	10/1/2014	6/1/2018		No
	Viola - Gill 138kv Ckt1	10/1/2014	6/1/2018		No
	Viola 345/138kv Transformer Ckt 1	10/1/2014	6/1/2018		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
76216066	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #1 Accelerate	6/1/2014	6/1/2015		
	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #2 Accelerate	6/1/2014	6/1/2016		No
	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC Accelerate	10/1/2013	6/1/2016		No
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE Accelerate	10/1/2013	6/1/2016		No
	FLATRDG3 138.00 - HARPER 138KV CKT 1	10/1/2013	10/1/2013	6/15/2013	
	HARPER - MILAN TAP 138KV CKT 1 #2 Accelerate	10/1/2013	6/1/2016		No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	10/1/2013	6/1/2018		No
	MEDICINE LODGE - PRATT 115KV CKT 1	10/1/2013	6/15/2014		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
76216066	BARBER - MEDICINE LODGE 115KV CKT 1	12/1/2009	6/1/2013		
	BARBER (BARBER 4) 138/115/2.72KV TRANSFORMER CKT 1	12/1/2009	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		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville 345/115/13.8kv Transformer CKT 3	10/1/2013	6/1/2015		
	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
76216066	JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2015	6/1/2015			\$ 1,218	\$ 100,000
					Total	\$ 1,218	\$ 100,000

*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.

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
NMEC AG3-2011-003

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
NMEC	75350825	NPPD	WR	1	10/1/2014	10/1/2024	6/1/2018	6/1/2028	\$ 72,025	\$ -	\$ 72,025	\$ 167,959
									\$ 72,025	\$ -	\$ 72,025	\$ 167,959

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75350825	HAYS PLANT - VINE STREET 115KV CKT 1	10/1/2013	6/1/2017			\$ 13	\$ 129,375	\$ 26
	MULLERGREN - SPEARVILLE 230KV CKT 1	10/1/2013	6/1/2019			\$ 24,341	\$ 36,107,610	\$ 59,945
	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 MIDW	10/1/2013	6/1/2018			\$ 13,791	\$ 13,864,500	\$ 26,556
	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 WERE	10/1/2013	6/1/2018			\$ 33,880	\$ 34,061,344	\$ 81,431
Total						\$ 72,025	\$ 84,162,829	\$ 167,959

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
75350825	GEARY 7 345.00 (GEARY1X) 345/115/13.8KV TRANSFORMER CKT 1	10/1/2013	6/1/2019	6/1/2019	
	HARPER - MILAN TAP 138KV CKT 1 #1	10/1/2013	12/1/2014		
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	10/1/2013	6/1/2016		
	Line - Clark County - Thistle 345 kv dbi Ckt	10/1/2013	1/1/2015		
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	10/1/2013	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	10/1/2013	7/1/2014		
	Line - Spearville - Clark County 345 kv dbi Ckt	10/1/2013	1/1/2015		
	Line - Thistle - Wichita 345 kv dbi Ckt PW	10/1/2013	1/1/2015		
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	10/1/2013	1/1/2015		
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	10/1/2013	1/1/2015		
	Line - Thistle - Woodward 345 kv dbi Ckt PW	10/1/2013	1/1/2015		
	Line - Tuco - Woodward 345 kv line OKGE	10/1/2013	6/1/2014		
	Line - Tuco - Woodward 345 kv line SPS	10/1/2013	6/1/2014		
	XFR - Thistle 345/138 kv	10/1/2013	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
75350825	Cherry Co - Gentleman 345 kv Ckt1	10/1/2013	1/1/2018		
	Cherry Co - Holt Co 345 kv Ckt1	10/1/2013	1/1/2018		
	Cherry Co 345 kv Terminal Upgrades	10/1/2013	1/1/2018		
	GREENLEAF - KNOB HILL 115KV CKT 1 WERE	10/1/2013	12/31/2013		
	Viola - Clearwater 138kv CKT1	10/1/2014	6/1/2018		
	Viola - Gill 138kv Ckt1	10/1/2014	6/1/2018		
	Viola 345/138kv Transformer Ckt 1	10/1/2014	6/1/2018		

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
75350825	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC Accelerate	10/1/2013	6/1/2016		
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE Accelerate	10/1/2013	6/1/2016		
	HARPER - MILAN TAP 138KV CKT 1 #2 Accelerate	10/1/2013	6/1/2016		
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	10/1/2013	6/1/2018		

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
75350825	ALBION - PETERSBURG 115KV CKT 1	1/1/2013	1/1/2013		
	CIRCLE - RICE CO 230KV CKT 1	10/1/2012	11/15/2012		
	CLIFTON - GREENLEAF 115KV CKT 1	6/1/2011	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		
	LYONS - RICE CO 115KV CKT 1	10/1/2012	4/1/2013		
	LYONS - WHEATLAND 115KV CKT 1 #1	10/1/2012	7/15/2013		
	LYONS - WHEATLAND 115KV CKT 1 #2	10/1/2012	7/15/2013		
	NELIGH - PETERSBURG 115KV CKT 1	1/1/2013	1/1/2013		
	RICE CO 230/115KV TRANSFORMER CKT 1	10/1/2012	11/15/2012		

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
 OMPA AG3-2011-093

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
OMPA	76216657	OKGE	OKGE	51	1/1/2013	1/1/2038	6/1/2015	6/1/2040	\$ 2,750,000	\$ -	\$ 2,750,000	\$ 9,024,752
									\$ 2,750,000	\$ -	\$ 2,750,000	\$ 9,024,752

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
76216657	DIVISION AVE - LAKESIDE 138KV CKT 1	6/1/2019	6/1/2019			\$ 2,750,000	\$ -	\$ 2,750,000	\$ 2,750,000	\$ 9,024,752
					Total	\$ 2,750,000	\$ -	\$ 2,750,000	\$ 2,750,000	\$ 9,024,752

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
76216657	NORTHWEST 345/138/13.8KV TRANSFORMER CKT 3 Accelerated	10/1/2013	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
76216657	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
SECI AG3-2011-089

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
SECI	76177839	SECI	SECI	24	7/1/2012	7/1/2032	6/1/2019	6/1/2039	\$ 3,316,485	\$ -	\$ 3,317,593	\$ 12,787,777
									\$ 3,316,485	\$ -	\$ 3,317,593	\$ 12,787,777

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
76177839	CIMARRON RIVER PLANT - CROOKED CREEK 115KV CKT 1	10/1/2013	6/1/2018		Yes	\$ 2,572,192	\$ -	\$ 2,572,192	\$ 26,437,500	\$ 10,246,562
	HAYS PLANT - VINE STREET 115KV CKT 1	10/1/2013	6/1/2017			\$ 2,251	\$ 1,108	\$ 3,359	\$ 129,375	\$ 9,067
	MULLERGREY - SPEARVILLE 230KV CKT 1	10/1/2013	6/1/2019		Yes	\$ 742,042	\$ -	\$ 742,042	\$ 36,107,610	\$ 2,532,148
	Total					\$ 3,316,485	\$ 1,108	\$ 3,317,593	\$ 62,674,485	\$ 12,787,777

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
76177839	HARPER - MILAN TAP 138KV CKT 1 #1	10/1/2013	12/1/2014		Yes
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	10/1/2013	6/1/2016		Yes
	Line - Clark County - Thistle 345 kv dbi Ckt	10/1/2013	1/1/2015		Yes
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	10/1/2013	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	10/1/2013	7/1/2014		No
	Line - Spearville - Clark County 345 kv dbi Ckt	10/1/2013	1/1/2015		Yes
	Line - Thistle - Wichita 345 kv dbi Ckt PW	10/1/2013	1/1/2015		Yes
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	10/1/2013	1/1/2015		Yes
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	10/1/2013	1/1/2015		Yes
	Line - Thistle - Woodward 345 kv dbi Ckt PW	10/1/2013	1/1/2015		Yes
	Line - Tuco - Woodward 345 kv line OKGE	10/1/2013	6/1/2014		No
	Line - Tuco - Woodward 345 kv line SPS	10/1/2013	6/1/2014		No
	XFR - Thistle 345/138 kv	10/1/2013	1/1/2015		Yes

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
76177839	Elm Creek to Summit 345 kv ITCGP	10/1/2013	3/1/2018		
	Elm Creek to Summit 345 kv WERE	10/1/2013	3/1/2018		

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
76177839	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC Accelerate	10/1/2013	6/1/2016		Yes
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE Accelerate	10/1/2013	6/1/2016		Yes
	FLATRDG3 138.00 - HARPER 138KV CKT 1	10/1/2013	10/1/2013	6/15/2013	
	HARPER - MILAN TAP 138KV CKT 1 #2 Accelerate	10/1/2013	6/1/2016		Yes
	Judson Large - North Judson Large 115KV CKT 2	10/1/2013	6/1/2015		Yes
	MEDICINE LODGE - PRATT 115KV CKT 1	10/1/2013	6/15/2014		Yes
	North Judson Large - Spearville 115KV CKT 2	10/1/2013	6/1/2015		Yes
	Spearville 345/115/13.8kv Transformer CKT 3	10/1/2013	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
76177839	ALEXANDER - PRATT 115KV CKT 1	12/1/2009	6/1/2013		
	BARBER - MEDICINE LODGE 115KV CKT 1	12/1/2009	6/1/2013		
	BARBER - SAWYER 115KV CKT 1	12/1/2009	6/1/2013		
	BARBER (BARBER 4) 138/115/2.72KV TRANSFORMER CKT 1	12/1/2009	6/1/2013		
	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		
	Judson Large - North Judson Large 115KV CKT 2	10/1/2013	6/1/2015		
	North Judson Large - Spearville 115KV CKT 2	10/1/2013	6/1/2015		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville 345/115/13.8kv Transformer CKT 3	10/1/2013	6/1/2015		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
SECI AG3-2011-090

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
SECI	76192515	SPRM	SECI	50	1/1/2013	1/1/2019	6/1/2018	6/1/2024	\$ -	\$ 15,966,120	\$ 2,769,323	\$ 6,619,111
									\$ -	\$ 15,966,120	\$ 2,769,323	\$ 6,619,111

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76192515	CIMARRON RIVER PLANT - CROOKED CREEK 115KV CKT 1	10/1/2013	6/1/2018		Yes	\$ 2,769,323	\$ 26,437,500	\$ 6,619,111
Total						\$ 2,769,323	\$ 26,437,500	\$ 6,619,111

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
76192515	Arcadia 345 kv Terminal Upgrades	10/1/2013	12/1/2013		
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	10/1/2013	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	10/1/2013	7/1/2014		No
	Line - Tuco - Woodward 345 kv line OKGE	10/1/2013	6/1/2014		No
	Line - Tuco - Woodward 345 kv line SPS	10/1/2013	6/1/2014		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
76192515	Judson Large - North Judson Large 115KV CKT 2	10/1/2013	6/1/2015		Yes
	North Judson Large - Spearville 115KV CKT 2	10/1/2013	6/1/2015		Yes
	Spearville 345/115/13.8kv Transformer CKT 3	10/1/2013	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
76192515	BARBER - MEDICINE LODGE 115KV CKT 1	12/1/2009	6/1/2013		
	BARBER (BARBER 4) 138/115/2.72KV TRANSFORMER CKT 1	12/1/2009	6/1/2013		
	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		
	Judson Large - North Judson Large 115KV CKT 2	10/1/2013	6/1/2015		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	North Judson Large - Spearville 115KV CKT 2	10/1/2013	6/1/2015		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville 345/115/13.8kv Transformer CKT 3	10/1/2013	6/1/2015		
	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		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
76192515	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016		Yes	\$ 4,875	\$ 125,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1 Upgrade #1	6/1/2015	6/1/2016			\$ 3,900	\$ 100,000
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	10/1/2014	6/1/2015		Yes	\$ -	\$ -
Total						\$ 8,775	\$ 225,000

*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.

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
SECI AG3-2011-091

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
SECI	76192531	SECI	SECI	55	1/1/2014	1/1/2044	6/1/2019	6/1/2049	\$ 1,505,030	\$ -	\$ 1,505,030	\$ 6,624,523
									\$ 1,505,030	\$ -	\$ 1,505,030	\$ 6,624,523

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76192531	HAYS PLANT - VINE STREET 115KV CKT 1	10/1/2013	6/1/2017		Yes	\$ 5,313	\$ 129,375	\$ 17,912
	MULLERGEREN - SPEARVILLE 230KV CKT 1	10/1/2013	6/1/2019		Yes	\$ 1,499,717	\$ 36,107,610	\$ 6,606,611
	Total					\$ 1,505,030	\$ 36,236,985	\$ 6,624,523

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
76192531	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	10/1/2013	6/1/2016		Yes
	Line - Clark County - Thistle 345 kv dbi Ckt	10/1/2013	1/1/2015		
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	10/1/2013	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	10/1/2013	7/1/2014		
	Line - Spearville - Clark County 345 kv dbi Ckt	10/1/2013	1/1/2015		
	Line - Thistle - Wichita 345 kv dbi Ckt PW	10/1/2013	1/1/2015		
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	10/1/2013	1/1/2015		
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	10/1/2013	1/1/2015		
	Line - Thistle - Woodward 345 kv dbi Ckt PW	10/1/2013	1/1/2015		
	Line - Tuco - Woodward 345 kv line OKGE	10/1/2013	6/1/2014		
	Line - Tuco - Woodward 345 kv line SPS	10/1/2013	6/1/2014		
	XFR - Thistle 345/138 kv	10/1/2013	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
76192531	Cherry Co - Gentleman 345 kv Ckt1	10/1/2013	1/1/2018		Yes
	Cherry Co - Holt Co 345 kv Ckt1	10/1/2013	1/1/2018		Yes
	Cherry Co 345 kv Terminal Upgrades	10/1/2013	1/1/2018		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
76192531	Judson Large - North Judson Large 115KV CKT 2	10/1/2013	6/1/2015		
	MEDICINE LODGE - PRATT 115KV CKT 1	10/1/2013	6/15/2014		
	North Judson Large - Spearville 115KV CKT 2	10/1/2013	6/1/2015		
	Spearville 345/115/13.8kv Transformer CKT 3	10/1/2013	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
76192531	BARBER - MEDICINE LODGE 115KV CKT 1	12/1/2009	6/1/2013		
	CLIFTON - GREENLEAF 115KV CKT 1	6/1/2011	6/1/2013		
	Judson Large - North Judson Large 115KV CKT 2	10/1/2013	6/1/2015		
	North Judson Large - Spearville 115KV CKT 2	10/1/2013	6/1/2015		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville 345/115/13.8kv Transformer CKT 3	10/1/2013	6/1/2015		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
SECI AG3-2011-092

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
SECI	76209412	KCPL	SECI	50	1/1/2013	1/1/2043	6/1/2018	6/1/2048	\$ 3,308,471	\$ -	\$ 3,308,471	\$ 17,432,896
									\$ 3,308,471	\$ -	\$ 3,308,471	\$ 17,432,896

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76209412	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #2 Accelerate	6/1/2014	6/1/2017		Yes	\$ 41,164	\$ 150,654	\$ 150,796
	CIMARRON RIVER PLANT - CROOKED CREEK 115KV CKT 1	10/1/2013	6/1/2018		Yes	\$ 3,030,429	\$ 26,437,500	\$ 16,297,187
	HAYS PLANT - VINE STREET 115KV CKT 1	10/1/2013	6/1/2017		Yes	\$ 5,516	\$ 129,375	\$ 19,301
	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #2	6/1/2015	6/1/2016			\$ 231,362	\$ 3,294,000	\$ 965,611
Total						\$ 3,308,471	\$ 30,011,529	\$ 17,432,896

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
76209412	Arcadia 345 kV Terminal Upgrades	10/1/2013	12/1/2013		
	GEARY 7 345.00 (GEARY1X) 345/115/13.8KV TRANSFORMER CKT 1	6/1/2019	6/1/2019		
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	10/1/2013	6/1/2016		Yes
	IATAN - NASHUA 345KV CKT 1	10/1/2013	6/1/2015		Yes
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	10/1/2013	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	10/1/2013	7/1/2014		No
	Line - Tuco - Woodward 345 kv line OKGE	10/1/2013	6/1/2014		No
	Line - Tuco - Woodward 345 kv line SPS	10/1/2013	6/1/2014		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
76209412	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1	6/1/2014	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
76209412	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #1 Accelerate	6/1/2014	6/1/2015		Yes
	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #2 Accelerate	6/1/2014	6/1/2016		Yes
	Judson Large - North Judson Large 115KV CKT 2	10/1/2013	6/1/2015		Yes
	North Judson Large - Spearville 115KV CKT 2	10/1/2013	6/1/2015		Yes
	Spearville 345/115/13.8kv Transformer CKT 3	10/1/2013	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
76209412	BARBER - MEDICINE LODGE 115KV CKT 1	12/1/2009	6/1/2013		
	BARBER (BARBER 4) 138/115/2.72KV TRANSFORMER CKT 1	12/1/2009	6/1/2013		
	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		
	Judson Large - North Judson Large 115KV CKT 2	10/1/2013	6/1/2015		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	North Judson Large - Spearville 115KV CKT 2	10/1/2013	6/1/2015		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville 345/115/13.8kv Transformer CKT 3	10/1/2013	6/1/2015		
	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
76209412	7OVERTON 345.00 () 345/161/13.8KV TRANSFORMER CKT 1	10/1/2014	10/1/2014			2.00%	100.00%
	ECKLES - MISSOURI CITY 161KV CKT 1 AECI	10/1/2013	10/1/2013			34.43%	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.

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
SPSM AG3-2011-041

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
SPSM	76213597	SPS	SPS	100	6/1/2013	6/1/2014	3/1/2015	3/1/2016	\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76213597	None					\$ -	\$ -	\$ -
Total						\$ -	\$ -	\$ -

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
76213597	DEAF SMITH COUNTY INTERCHANGE (J) 230/115/13.8KV TRANSFORMER CKT 1	10/1/2013	3/1/2015		Yes
	DEAF SMITH COUNTY INTERCHANGE (J) 230/115/13.8KV TRANSFORMER CKT 2	10/1/2013	3/1/2015		Yes
	Line - Clark County - Thistle 345 kV dbI Ckt	10/1/2013	1/1/2015		Yes
	Line - Hitchland - Woodward 345 kV dbI Ckt OKGE	10/1/2013	7/1/2014		Yes
	Line - Hitchland - Woodward 345 kV dbI Ckt SPS	10/1/2013	7/1/2014		Yes
	Line - Spearville - Clark County 345 kV dbI Ckt	10/1/2013	1/1/2015		Yes
	Line - Thistle - Wichita 345 kV dbI Ckt PW	10/1/2013	1/1/2015		Yes
	Line - Thistle - Wichita 345 kV dbI Ckt WERE	10/1/2013	1/1/2015		Yes
	Line - Thistle - Woodward 345 kV dbI Ckt OKGE	10/1/2013	1/1/2015		Yes
	Line - Thistle - Woodward 345 kV dbI Ckt PW	10/1/2013	1/1/2015		Yes
	Line - Tuco - Woodward 345 kV line OKGE	10/1/2013	6/1/2014		Yes
	Line - Tuco - Woodward 345 kV line SPS	10/1/2013	6/1/2014		Yes
	Multi - Kress Interchange - Kiser - Cox 115 kV	10/1/2013	11/30/2014		Yes
	XFR - Thistle 345/138 kV	10/1/2013	1/1/2015		Yes

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
76213597	Cherry Co - Gentleman 345 kV Ckt1	10/1/2013	1/1/2018		
	Cherry Co - Holt Co 345 kV Ckt1	10/1/2013	1/1/2018		
	Cherry Co 345 kV Terminal Upgrades	10/1/2013	1/1/2018		
	Elk City 345/230 kV	10/1/2013	3/1/2018		
	Elk City to Gracemont 345kV AEPW	10/1/2013	3/1/2018		
	Elk City to Gracemont 345kV OKGE	10/1/2013	3/1/2018		

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
SPSM AG3-2011-042

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
SPSM	76213598	SPS	SPS	25	6/1/2014	6/1/2015			\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76213598	None					\$ -	\$ -	\$ -
Total						\$ -	\$ -	\$ -

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
76213598	Line - Clark County - Thistle 345 kV dbI Ckt	10/1/2013	1/1/2015		
	Line - Hitchland - Woodward 345 kV dbI Ckt OKGE	10/1/2013	7/1/2014		
	Line - Hitchland - Woodward 345 kV dbI Ckt SPS	10/1/2013	7/1/2014		
	Line - Spearville - Clark County 345 kV dbI Ckt	10/1/2013	1/1/2015		
	Line - Thistle - Wichita 345 kV dbI Ckt PW	10/1/2013	1/1/2015		
	Line - Thistle - Wichita 345 kV dbI Ckt WERE	10/1/2013	1/1/2015		
	Line - Thistle - Woodward 345 kV dbI Ckt OKGE	10/1/2013	1/1/2015		
	Line - Thistle - Woodward 345 kV dbI Ckt PW	10/1/2013	1/1/2015		
	Line - Tuco - Woodward 345 kV line OKGE	10/1/2013	6/1/2014		
	Line - Tuco - Woodward 345 kV line SPS	10/1/2013	6/1/2014		
	XFR - Thistle 345/138 kV	10/1/2013	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
76213598	Cherry Co - Gentleman 345 kV Ckt1	10/1/2013	1/1/2018		
	Cherry Co - Holt Co 345 kV Ckt1	10/1/2013	1/1/2018		
	Cherry Co 345 kV Terminal Upgrades	10/1/2013	1/1/2018		
	Elk City 345/230 kV	10/1/2013	3/1/2018		
	Elk City to Gracemont 345kV AEPW	10/1/2013	3/1/2018		
	Elk City to Gracemont 345kV OKGE	10/1/2013	3/1/2018		

*Credits may be required for applicable generation interconnection network upgrades.

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

Customer Study Number
UCU AG3-2011-022

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
UCU	76216331	WPEK	MPS	100	4/1/2012	4/1/2032	6/1/2019	4/1/2032	\$ 18,000,000	\$ -	\$ 50,346,408	\$ 245,690,448
									\$ 18,000,000	\$ -	\$ 50,346,408	\$ 245,690,448

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
76216331	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #2 Accelerate	6/1/2014	6/1/2017		No	\$ 3,700	\$ 4,975	\$ 8,675	\$ 150,654	\$ 36,580
	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2015	6/1/2016		No	\$ 24,000	\$ 59,984	\$ 83,984	\$ 1,575,000	\$ 432,068
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2015	6/1/2017		No	\$ 108,819	\$ 271,976	\$ 380,795	\$ 7,141,250	\$ 1,807,691
	CIMARRON RIVER PLANT - CROOKED CREEK 115KV CKT 1	10/1/2013	6/1/2018		No	\$ 4,670,667	\$ 11,673,598	\$ 16,344,265	\$ 26,437,500	\$ 101,359,729
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2015	6/1/2016		No	\$ 24,000	\$ 59,984	\$ 83,984	\$ 1,575,000	\$ 432,068
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2015	6/1/2017		No	\$ 72,046	\$ 180,067	\$ 252,113	\$ 4,728,000	\$ 1,196,818
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #1	6/1/2019	6/1/2019			\$ 5,064	\$ 6,809	\$ 11,873	\$ 350,000	\$ 47,254
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #2	6/1/2019	6/1/2019			\$ 47,746	\$ 64,197	\$ 111,943	\$ 3,300,000	\$ 494,065
	HAYS PLANT - VINE STREET 115KV CKT 1	10/1/2013	6/1/2017			\$ 522	\$ 1,303	\$ 1,825	\$ 129,375	\$ 7,131
	latan - Jeffrey Energy Center 345 kv KACP	10/1/2013	6/1/2019		No	\$ 705,954	\$ 949,197	\$ 1,655,151	\$ 14,089,880	\$ 8,126,725
	latan - Jeffrey Energy Center 345 kv WERE	10/1/2013	6/1/2019		No	\$ 6,452,144	\$ 8,675,295	\$ 15,127,439	\$ 128,776,067	\$ 61,204,325
	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #2	6/1/2015	6/1/2016		No	\$ 1,073,155	\$ 1,442,921	\$ 2,516,076	\$ 3,294,000	\$ 12,087,024
	MULLERGREEN - SPEARVILLE 230KV CKT 1	10/1/2013	6/1/2019		No	\$ 1,115,266	\$ 2,787,434	\$ 3,902,700	\$ 36,107,610	\$ 20,776,271
	Potter to Tolk 345 kv (Please see upgrade description note in Table 4)	10/1/2013	6/1/2019		No	\$ 2,659,545	\$ 3,575,917	\$ 6,235,462	\$ 131,324,100	\$ 22,123,280
	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 MIDW	10/1/2013	6/1/2018		No	\$ 300,102	\$ 750,059	\$ 1,050,161	\$ 13,864,500	\$ 3,909,381
	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 WERE	10/1/2013	6/1/2018		No	\$ 737,270	\$ 1,842,692	\$ 2,579,962	\$ 34,061,344	\$ 11,650,040
	Total					\$ 18,000,000	\$ 32,346,408	\$ 50,346,408	\$ 406,904,280	\$ 245,690,448

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
76216331	Cimarron - Mathewson 345 kv Ckt 1	3/1/2021	3/1/2021		
	HARPER - MILAN TAP 138KV CKT 1 #1	10/1/2013	12/1/2014		No
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	10/1/2013	6/1/2016		No
	IATAN - NASHUA 345KV CKT 1	10/1/2013	6/1/2015		No
	Line - Clark County - Thistle 345 kv dbl Ckt	10/1/2013	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbl Ckt OKGE	10/1/2013	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbl Ckt SPS	10/1/2013	7/1/2014		No
	Line - Spearville - Clark County 345 kv dbl Ckt	10/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbl Ckt PW	10/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbl Ckt WERE	10/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbl Ckt OKGE	10/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbl Ckt PW	10/1/2013	1/1/2015		No
	Line - Tuco - Woodward 345 kv line OKGE	10/1/2013	6/1/2014		No
	Line - Tuco - Woodward 345 kv line SPS	10/1/2013	6/1/2014		No
	Mathewson - Tatonga 345 kv Ckt 2	3/1/2021	3/1/2021		
	Mathewson 345 kv	3/1/2021	3/1/2021		
	MOUNDRIDGE 138/115KV TRANSFORMER CKT 2	10/1/2013	12/1/2014		No
	Tatonga - Woodward EHV 345 kv Ckt 2	3/1/2021	3/1/2021		
	XFR - Thistle 345/138 kv	10/1/2013	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
76216331	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1	6/1/2014	6/1/2015		No
	Cherry Co - Gentleman 345 kv Ckt1	10/1/2013	1/1/2018		No
	Cherry Co - Holt Co 345 kv Ckt1	10/1/2013	1/1/2018		No
	Cherry Co 345 kv Terminal Upgrades	10/1/2013	1/1/2018		No
	Elk City 345/230 kv	10/1/2013	3/1/2018		No
	Elk City to Gracemont 345KV AEPW	10/1/2013	3/1/2018		No
	Elk City to Gracemont 345KV OKGE	10/1/2013	3/1/2018		No
	Viola - Clearwater 138kv Ckt1	10/1/2014	6/1/2018		No
	Viola - Gill 138kv Ckt1	10/1/2014	6/1/2018		No
	Viola 345/138kv Transformer Ckt 1	10/1/2014	6/1/2018		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
76216331	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #1 Accelerate	6/1/2014	6/1/2015		No
	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #2 Accelerate	6/1/2014	6/1/2016		No
	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC Accelerate	10/1/2013	6/1/2016		No
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE Accelerate	10/1/2013	6/1/2016		No
	FLATRDG3 138.00 - HARPER 138KV CKT 1	10/1/2013	10/1/2013	6/15/2013	
	HARPER - MILAN TAP 138KV CKT 1 #2 Accelerate	10/1/2013	6/1/2016		No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	10/1/2013	6/1/2018		No
	Judson Large - North Judson Large 115KV CKT 2	10/1/2013	6/1/2015		No
	MEDICINE LODGE - PRATT 115KV CKT 1	10/1/2013	6/15/2014		No
	North Judson Large - Spearville 115KV CKT 2	10/1/2013	6/1/2015		No
	Spearville 345/115/13.8kV Transformer CKT 3	10/1/2013	6/1/2015		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
76216331	ALEXANDER - PRATT 115KV CKT 1	12/1/2009	6/1/2013		
	BARBER - MEDICINE LODGE 115KV CKT 1	12/1/2009	6/1/2013		
	BARBER - SAWYER 115KV CKT 1	12/1/2009	6/1/2013		
	BARBER (BARBER 4) 138/115/2.72KV TRANSFORMER CKT 1	12/1/2009	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		
	Judson Large - North Judson Large 115KV CKT 2	10/1/2013	6/1/2015		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	North Judson Large - Spearville 115KV CKT 2	10/1/2013	6/1/2015		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville 345/115/13.8kV Transformer CKT 3	10/1/2013	6/1/2015		
	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
76216331	7JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2015	6/1/2015			\$ 4,299	\$ 100,000
					Total	\$ 4,299	\$ 100,000

*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
AEPW	ELK CITY - FALCON ROAD 138KV CKT 2	Build second circuit.	6/1/2015	6/1/2017	\$5,352,000.00
AEPW	HOBART - HOBART JUNCTION 69KV CKT 1	Rebuild 1.86 miles with 1233.6 ACSR/TW	10/1/2013	6/1/2017	\$3,800,000.00
AEPW	NORTH NEW BOSTON - NW TEXARKANA-BANN T 138KV CKT 1	Rebuild 14.19 miles to 1533.6 ACSR/TW 54/19	6/1/2015	6/1/2017	\$17,028,000.00
AEPW	ROOSEVELT TAP - SNYDER 69KV CKT 1 Accelerate	Rebuild 14 miles to 1272 ACSR 45/7	10/1/2013	6/1/2017	\$1,655,914.00
GRDA	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #1	Add new pole to increase line clearance	6/1/2019	6/1/2019	\$350,000.00
GRDA	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 #2	Replace 2000 amp switches and breakers	6/1/2019	6/1/2019	\$3,300,000.00
KACP	Iatan - Jeffrey Energy Center 345 KV KACP	Build 14.2 miles of new 345 kv	10/1/2013	6/1/2019	\$14,089,880.00
KACT	KAW WEST 5 161/69KV TRANSFORMER CKT 1	Indeterminate	6/1/2014	6/1/2014	\$0.00
MIDW	HAYS PLANT - WINE STREET 115KV CKT 1	Rebuild 0.23 miles	10/1/2013	6/1/2017	\$129,375.00
MIDW	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 MIDW	Rebuild ownership of 39.5 mile circuit	10/1/2013	6/1/2018	\$13,864,500.00
MIPU	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #2 Accelerate	Reconductor 2.5 mile from Blue Springs South - Blue Springs East 161 kv to 795 ACSS. Upgrade substation equipment to 2000 Amps.	6/1/2014	6/1/2017	\$150,654.00
MIPU	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #2	Rebuild 3.6 miles	6/1/2015	6/1/2016	\$3,294,000.00
MKEC	CARBON RIVER PLANT - CROOKED CREEK 115KV CKT 1	Construct approximately 47 miles of new 115KV.	10/1/2013	6/1/2018	\$26,437,500.00
MKEC	MULLERGERN - SPEARVILLE 230KV CKT 1	Rebuild 65 miles	10/1/2013	6/1/2019	\$36,107,610.00
OKGE	DIVISION AVE - LAKESIDE 138KV CKT 1	Rebuild 3.58 mile line with 1500A552 Conductor	6/1/2019	6/1/2019	\$2,750,000.00
OKGE	FT SMITH (FTSMITH) 500/345/13.8KV TRANSFORMER CKT 1	Install 2nd 500/345 kv bus tie in Ft. Smith Sub	6/1/2015	6/1/2018	\$14,500,000.00
SPS	DENVER CITY INTERCHANGE N. - MUSTANG STATION N. 115KV CKT 1	Rebuild 2.82 miles of 954 ACSR with 795 ACSS.	6/1/2015	6/1/2017	\$2,154,988.80
SPS	DENVER CITY INTERCHANGE S. - MUSTANG STATION N. 115KV CKT 2	Rebuild 2.96 miles of 954 ACSR with 795 ACSS.	6/1/2019	6/1/2019	\$2,137,371.58
SPS	Potter to Tolk 345 kv	Build 111 mile 345 kv line from Potter to Tolk. Further study analysis will be performed with regard to the SPS North-South Stability Limit to determine whether its rating may be increased based on approved SPP Expansion Plan Network. Upgrades scheduled to be placed in service. Pending this analysis, the Potter - Tolk 345 kv Service Upgrade requirement will be re-evaluated.	10/1/2013	6/1/2019	\$131,324,100.00
SPS	YOKUM COUNTY INTERCHANGE (I) 230/115/13.2KV TRANSFORMER CKT 1	Upgrade transformer to 250 MVA.	6/1/2019	6/1/2019	\$3,757,257.00
SPS	YOKUM COUNTY INTERCHANGE (I) 230/115/13.2KV TRANSFORMER CKT 2	Upgrade transformer to 250 MVA.	6/1/2019	6/1/2019	\$3,757,257.00
WERE	CHISHOLM - MAIZE 138KV CKT 1 #1	Upgrade disconnect switches, wavetrap, breaker, jumpers	6/1/2015	6/1/2016	\$1,575,000.00
WERE	CHISHOLM - MAIZE 138KV CKT 1 #2	Rebuild 7.25 miles	6/1/2015	6/1/2017	\$7,141,250.00
WERE	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	Upgrade disconnect switches, wavetrap, breaker, jumpers	6/1/2015	6/1/2016	\$1,575,000.00
WERE	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	Rebuild 4.8 miles	6/1/2015	6/1/2017	\$4,728,000.00
WERE	Iatan - Jeffrey Energy Center 345 KV WERE	Build 56.8 miles of new 345 kv	10/1/2013	6/1/2019	\$128,776,067.00
WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 WERE	Rebuild ownership of 39.5 mile circuit	10/1/2013	6/1/2018	\$34,061,343.75
WFEC	GLASS MOUNTAIN - MOORELAND 138KV CKT 1	Reset CT	10/1/2013	6/1/2016	\$225,000.00

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)
AEPW	BEAVER - EUREKA SPRINGS 161KV CKT 1 AEPW	Rebuild 1.25 miles of 795 ACSR with 1590 ACSR. Replace wavetrap & jumpers @ Eureka Springs	6/1/2014	6/1/2015
MIPU	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #1 Accelerate	Upgrade wave trap	6/1/2014	6/1/2015
MIPU	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #2 Accelerate	Reconductor 3.21 miles from Blue Springs South to Prairie Lee 161 kv to 954 ACSS. Upgrade substation equipment to 2000 Amps.	6/1/2014	6/1/2016
MKEC	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC Accelerate	Rebuild MKEC portion of the 5.6 mile Clearwater-Milan Tap 115 kv with bundled 1192.5 kcmil ACSR conductor (Bunting)	10/1/2013	6/1/2016
MKEC	FLATWOODS 138.00 - HARPER 138KV CKT 1	Rebuild 24.15 mile line	10/1/2013	10/1/2013
MKEC	HARPER - MILAN TAP 138KV CKT 1 #2 Accelerate	Reconductor 22.1 mile Harper to Milan Tap 138 kv line.	10/1/2013	6/1/2016
MKEC	Judson Large - North Judson Large 115KV CKT 2	Construct approximately 1 mile of new 115KV for 2nd circuit	10/1/2013	6/1/2015
MKEC	MEDICINE LODGE - PRATT 115KV CKT 1	Rebuild 26 mile line	10/1/2013	6/15/2014
MKEC	North Judson Large - Spearville 115KV CKT 2	Construct approximately 15 miles of new 115KV for 2nd circuit	10/1/2013	6/1/2015
MKEC	Spearville 345/115/13.8KV Transformer CKT 3 at Spearville	Install 345/115/13.8KV Transformer CKT 3 at Spearville	10/1/2013	6/1/2015
OKGE	NORTHWEST 345/138/13.8KV TRANSFORMER CKT 3 Accelerated	Install third 345/138 kv Bus Tie in Northwest Sub	10/1/2013	6/1/2015
WERE	CLEARWATER - MILAN TAP 138KV CKT 1 WERE Accelerate	Rebuild Westar portion of the Clearwater-Milan tap 115 kv with bundled 1192.5 kcmil ACSR conductor (Bunting)	10/1/2013	6/1/2016
WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345KV line as a single circuit with new conductor, poles, and shield wire. Substation work at JEC (Station 1) substation will include removal of 345KV carrier equipment and installation of new fiber optic relay panels. Substation	10/1/2013	6/1/2018

Table 4 - Upgrade Requirements and Solutions Needed to Provide Transmission Service for the Aggregate Study

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)
AEPW	DIANA - PERDUE 138KV CKT 1 #1	Replace Breakers 9310 & 10080 & five switches @ Perdue. Replace switch 12798 @ Diana	10/1/2013	6/1/2014
AEPW	DIANA - PERDUE 138KV CKT 1 #2	Rebuild 21.85-mile 138 kv line from Diana to Perdue. Replace switches, jumpers, and upgrade CT ratios at Diana and Perdue. Upgrade relay settings at Diana.	10/1/2013	6/1/2014
ITCGP	Line - Clark County - Thistle 345 kv dbl Ckt	Build a new 86 mile double circuit 345 kv line with at least 3000 A capacity from the Thistle 345 kv substation to the new Clark County substation. Build a new 345 kv substation at Thistle with a ring bus and necessary terminal equipment.	10/1/2013	1/1/2015
ITCGP	Line - Spearville - Clark County 345 kv dbl Ckt	Build a new 36 mile double circuit 345 kv line with at least 3000 A capacity from the Spearville substation to the new Clark County substation. Build the Clark County 345 kv substation with a ring bus and necessary terminal equipment.	10/1/2013	1/1/2015
ITCGP	XFR - Thistle 345/138 kv	Install a 400 MVA 345/138 kv transformer at the new 345 kv Thistle substation.	10/1/2013	1/1/2015
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	10/1/2013	6/1/2015
MIDW	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	Tear down and rebuild of existing South Hays - Hays Plant 115 kv line. Tentative plans include rebuilding on existing right-of-way with the possibility of re-routing a portion of the line to new right-of-way as necessary.	10/1/2013	6/1/2016
MKEC	HARPER - MILAN TAP 138KV CKT 1 #1	Replace Wave Trap at Harper Substation	10/1/2013	12/1/2014
OKGE	Arcadia 345 kv Terminal Upgrades	Upgrade 345 kv 2000 amp breakers and associated switches to 3000 amp at Arcadia Sub.	10/1/2013	12/1/2013
OKGE	Cimarron - Mathewson 345 kv Ckt 1	Build new 16 mile 345 kv line from Mathewson to Cimarron.	3/1/2021	3/1/2021
OKGE	Line - Hitchland - Woodward 345 kv dbl Ckt OKGE	Build a new 92 mile double circuit 345 kv line with at least 3000 A capacity from the Woodward District EHV substation to the SPS interception from the Hitchland substation. Upgrade the Woodward District EHV substation with the necessary breakers and term	10/1/2013	7/1/2014
OKGE	Line - Thistle - Woodward 345 kv dbl Ckt OKGE	Build a new 79 mile double circuit 345 kv line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward District EHV substation with the necessary lines	10/1/2013	1/1/2015
OKGE	Line - Tuco - Woodward 345 kv line OKGE	Build new 345 kv line from Woodward EHV to Border - Project costs now include Border reactor substation	10/1/2013	6/1/2014
OKGE	Mathewson - Tatonga 345 kv Ckt 2	Build new 61 mile Tatonga - Mathewson 345 kv line.	3/1/2021	3/1/2021
OKGE	Mathewson 345 kv	Build new Mathewson 345 kv substation at the intersection of the Woodring-Cimarron and the existing Northwest - Tatonga 345 kv lines.	3/1/2021	3/1/2021
OKGE	Tatonga - Woodward EHV 345 kv Ckt 2	Build new 49-mile Woodward EHV - Tatonga 345 kv Ckt 2 line.	3/1/2021	3/1/2021
PW	Line - Thistle - Wichita 345 kv dbl Ckt PW	Build a new 78 mile double circuit 345 kv line with at least 3000 A capacity from the Wichita substation to the new Thistle 345 kv substation.	10/1/2013	1/1/2015
PW	Line - Thistle - Woodward 345 kv dbl Ckt PW	Build a new 30 mile double circuit 345 kv line with at least 3000 A capacity from the Thistle substation to the Kansas/Oklahoma state border towards the Woodward District EHV substation.	10/1/2013	1/1/2015
SPS	Carlisle Interchange - Wofforth Interchange 230 kv Ckt 1	Build 15 miles of new 230 kv line from Carlisle to Wofforth South and install necessary terminal equipment.	6/1/2017	6/1/2017
SPS	DEAF SMITH COUNTY INTERCHANGE (I) 230/115/13.8KV TRANSFORMER CKT 1	Upgrade Deaf Smith Interchange 230/115 kv transformer ckt 1 to 250 MVA	10/1/2013	3/1/2015
SPS	DEAF SMITH COUNTY INTERCHANGE (I) 230/115/13.8KV TRANSFORMER CKT 2	Upgrade Deaf Smith Interchange 230/115 kv transformer ckt 2 to 250 MVA	10/1/2013	3/1/2015
SPS	HOBBS INTERCHANGE (I) 230/115/13.2KV TRANSFORMER CKT 1	Modify Hobbs 230 kv bus to provide termination points for moving 230 kv lines from Lee County Sub to Hobbs. Retire Lee County 230/115 kv transformer. Install new 230/115 kv transformer at Hobbs.	10/1/2013	12/31/2013
SPS	Line - Hitchland - Woodward 345 kv dbl Ckt SPS	Build 30 mile double circuit 345 kv line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal equipme	10/1/2013	7/1/2014
SPS	Line - Tuco - Woodward 345 kv line SPS	Build new 345 kv line from Tuco to OGE Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.	10/1/2013	6/1/2014
SPS	Multi - Kress Interchange - Kiser - Cox 115 kv	Build new substation at Kiser and install a 115/69 kv transformer and 69 kv terminal equipment to connect to the local 69 kv system. Build new 8.7-mile 115 kv line from Cox to new Kiser substation. Build new 22-mile 115 kv line from Kress Interchange to	10/1/2013	11/30/2014
WERE	GEARY 7 345.00 (GEARY1X) 345/115/13.8KV TRANSFORMER CKT 1	Tap JEC - Summit 345kv, Ft Jct - McDowell 115kv lines, add 345/115/13.8kv transformer at new Geary substation, and Build new 15.2-mile Geary County - Chapman Junction 115 kv Ckt 1.	6/1/2019	6/1/2019
WERE	Line - Thistle - Wichita 345 kv dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kv circuits from the new Thistle 345 kv substation	10/1/2013	1/1/2015
WERE	MOUNDRIDGE 138/115KV TRANSFORMER CKT 2	Install second 138/115 kv transformer at Moundridge. Operate both 138/115 kv transformers normally closed.	10/1/2013	12/1/2014

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	CHAPEL HILL REC. - WELSH REC 138KV CKT 1	Rebuild 4.39 miles, and replace switches	6/1/2019	6/1/2019
AEPW	Eik City 345/230 KV	Expand Eik City substation (or build new station). Install a 345/230 KV 675 MVA transformer at Eik City.	10/1/2013	3/1/2018
AEPW	Eik City to Gracemont 345KV AEPW	Build new 46.5 mile 345 KV line from Eik City to Gracemont (AEP portion).	10/1/2013	3/1/2018
AEPW	HOBART - ROOSEVELT TAP 69KV CKT 1	Rebuild 10 miles to 1272 ACSR 45/7	10/1/2013	6/1/2017
AEPW	Messick 500/230 KV Transformer Ckt 1	Build Messick 500/230 KV station. Connect to Carrol, Clarence, and Western Kraft 230 KV lines. Install 500/230 KV 675 MVA transformer. This upgrade is contingent upon approval from Cleco Power LLC.	10/1/2013	12/31/2015
AEPW	WELSH REC - WILKES 138KV CKT 1	Rebuild 23.74 miles, replace switches, wavetraps, and sub conductor	6/1/2019	6/1/2019
ITCGP	Elm Creek to Summit 345 KV ITCGP	Build new 345 KV line from Elm Creek to Summit (ITCGP portion). Install new 345/230 KV transformer at Elm Creek.	10/1/2013	3/1/2018
MIPU	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1	Upgrade Prairie Lee wave trap to at least 1200 amps	6/1/2014	6/1/2015
NPPD	Cherry Co - Gentleman 345 KV Ckt1	Build new 345 KV Transmission Line from GGS 345 KV Substation to a new Cherry County 345 KV Substation (76 miles).	10/1/2013	1/1/2018
NPPD	Cherry Co - Holt Co 345 KV Ckt1	Build new 345 KV Transmission Line from new Cherry County 345 KV Substation to new 345 KV Holt County Substation. (Estimated 146 miles).	10/1/2013	1/1/2018
NPPD	Cherry Co 345 KV Terminal Upgrades	Build new Cherry County 345 KV Substation.	10/1/2013	1/1/2018
OKGE	Eik City to Gracemont 345KV OKGE	Build new 46.5 mile 345 KV line from Eik City to Gracemont (OKGE portion).	10/1/2013	3/1/2018
SPS	HITCHLAND INTERCHANGE - TEXAS COUNTY INTERCHANGE 115KV CKT1	Rebuild 13 miles	6/1/2019	6/1/2019
WERE	Elm Creek to Summit 345 KV WERE	Build new 345 KV line from Elm Creek to Summit (Westar portion).	10/1/2013	3/1/2018
WERE	GREENLEAF - KNOB HILL 115KV CKT 1 WERE	Replace Terminal Equipment	10/1/2013	12/31/2013
WERE	Viola - Clearwater 138KV Ckt1	Build new 138KV line between new Viola substation 345/138 KV transformer and existing Clearwater 138 KV substation.	10/1/2014	6/1/2018
WERE	Viola - Gill 138KV Ckt1	Build new 138KV line between new Viola substation 345/138 KV transformer and existing Gill 138 KV substation.	10/1/2014	6/1/2018
WERE	Viola 345/138KV Transformer Ckt 1	Install new 345/138 KV transformer at Viola substation	10/1/2014	6/1/2018

Table 4 - Upgrade Requirements and Solutions Needed to Provide Transmission Service for the Aggregate Study

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	BANN - RED SPRINGS REC 138KV CKT 1	Replace 138 kv breakers 3300 & 3310	7/1/2012	7/1/2012
AEPW	EXPLORER GLENPOOL TAP - RIVERSIDE STATION 138KV CKT 1 AEPW	Reconductor 1.82 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
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
MIDW	CIRCLE - RICE - CO 230KV CKT 1	Convert from 115KV to 230KV operation	10/1/2012	11/15/2012
MIDW	LYONS - RICE - CO 115KV CKT 1	Rebuild 11.7 mile line	10/1/2012	4/1/2013
MIDW	RICE - CO 230/115KV TRANSFORMER CKT 1	Add 230/115KV Transformer	10/1/2012	11/15/2012
MKEC	ALEXANDER - PRATT 115KV CKT 1	Rebuild line	12/1/2009	6/1/2013
MKEC	BARBER - MEDICINE LODGE 115KV CKT 1	Rebuild line	12/1/2009	6/1/2013
MKEC	BARBER - SAWYER 115KV CKT 1	Rebuild line	12/1/2009	6/1/2013
MKEC	BARBER (BARBER 4) 138/115/2.72KV TRANSFORMER CKT 1	Upgrade transformer	12/1/2009	6/1/2013
MKEC	CLIFTON - GREENLEAF 115KV CKT 1	Rebuild 14.4 miles	6/1/2011	6/1/2013
MKEC	FLATRDG3 138.00 - MEDICINE LODGE 138KV CKT 1	Rebuild 8.05 mile line	12/1/2009	6/1/2013
MKEC	FLATRDG3 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 43.5% Ownership of 20.9 miles	6/1/2013	6/1/2013
MKEC	Judson Large - North Judson Large 115KV CKT 2	Construct approximately 1 mile of new 115KV for 2nd circuit	10/1/2013	6/1/2015
MKEC	North Judson Large - Spearville 115KV CKT 2	Construct approximately 15 miles of new 115KV for 2nd circuit	10/1/2013	6/1/2015
MKEC	Spearville 345/115/13.8KV Transformer CKT 3	Install 345/115/13.8KV Transformer CKT 3 at Spearville	10/1/2013	6/1/2015
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	NELIGH - PETERSBURG 115KV CKT 1	Replace Breaker 1106, jumpers, and 115 kv Switch 1106-02 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	BELINE - EXPLORER GLENPOOL TAP 138KV CKT 1	Reconductor .92miles of line with Drake ACCC/TW.	6/1/2009	6/1/2009
OKGE	EXPLORER GLENPOOL TAP - RIVERSIDE STATION 138KV CKT 1 OKGE	Reconductor 1.82 miles line with Drake ACCC/TW.	6/1/2009	6/1/2009
OKGE	GRACMNT4 138.00 - WASHITA 138KV CKT 2 OKGE	Build 138KV Terminal.	1/1/2012	1/1/2012
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 HW 138KV CKT 1	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 TF	1/1/2010	1/1/2010
SPS	CHERRY 230.00 - Harrington Station East Bus 230KV CKT 1	Replace wavetrapp at Harrington East	6/1/2015	6/1/2015
WERE	LYONS - WHEATLAND 115KV CKT 1 #1	Replace CTS.	10/1/2012	7/15/2013
WERE	LYONS - WHEATLAND 115KV CKT 1 #2	Rerate circuit to 1000 amps	10/1/2012	7/15/2013
WFEC	APACHE CO 138.00 - PARADISE 138KV CKT 1	Upgrade Paradise to Apache Co to 1113	6/1/2010	6/1/2013
WFEC	GRACMNT4 138.00 - WASHITA 138KV CKT 2 WFEC	Build approximately 6 miles of 138kv.	1/1/2012	1/1/2012
WFEC	HUGO POWER PLANT - VALLIANT 345KV CKT 1 WFEC	New 19 miles 345 kv	7/1/2012	7/1/2012

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	7JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	Replace structures to reroute to 100C	6/1/2015	6/1/2015	\$100,000.00
AECI	ECKLES - MISSOURI CITY 161KV CKT 1 AECI	Replace 600 amps switchgear and replace with 556 ACSR jumpers to 1192 ACSR.	10/1/2013	10/1/2013	Note 1
AMMO	7OVERTON 345.00 (J) 345/161/13.8KV TRANSFORMER CKT 1	Replace existing 345-161kV transformer with 560MVA unit, install 345kV high side breaker, 161kV XFMR low side breaker and bus to obtain 2000A min	10/1/2014	10/1/2014	Note 2
SWPA	BEAVER - EUREKA SPRINGS 161KV CKT 1 SWPA	Rebuild line using 1590MCM ACSR conductor on tubular steel H-frame structures. Replace breakers and switches at Beaver. Remove wave traps.	6/1/2014	6/1/2015	Note 3
SWPA	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1 Upgrade #1	Replace one structure and make two structures floating deadends	6/1/2015	6/1/2016	\$ 125,000
SWPA	BUFORD 5 161.00 - NORFORK 161KV CKT 1 Upgrade #1	Replace two structures	6/1/2015	6/1/2016	\$ 100,000
SWPA	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	Replace 600 amp disconnect switches at Springfield.	10/1/2014	6/1/2015	Note 3
SWPA	GORE - MUSKOGEE TAP 161KV CKT 1	Rebuild w/ 1192 ACSR. Upgrade terminal equipment.	6/1/2014	6/1/2017	\$ 8,000,000
SWPA	GORE - SALLISAW 161KV CKT 1 Upgrade #1	Replace eight structures	6/1/2015	6/1/2016	\$ 400,000

Note 1: Upgrade to be completed AECI with an in-service date of 5/1/2013. Cost will not be allocated to the transmission customer

Note 2: Overton 345/161/13.8 kV Transformer is included in the Ameren Expansion plan with an in-service date of 6/1/2014. Cost will not be allocated to the transmission customer

Note 3: SWPA Network Upgrades - Construction Pending - The requested service is contingent upon completion of the following upgrades. Cost is not assignable to the transmission customer