



Aggregate Facility Study SPP-2011-AG3-AFS-6

12/5/2012

SPP Engineering, SPP Transmission Service Studies



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Executive Summary

Pursuant to Attachment Z1 of the Southwest Power Pool, Inc. (SPP) Open Access Transmission Tariff (OATT), 3266 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 \$345 million. Additionally, an indeterminate amount of assigned E&C cost for third party facility upgrades are assignable to the customer.
- Total upgrade levelized revenue requirements for all transmission requests after consideration of potential base plan funding is \$986 million.

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 December 5, 2012. 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 December 20, 2012, 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.
- The 2011-AG3 open season commenced June 1, 2011 and closed September 30, 2011.
- 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 3266 MW of long-term Transmission Service was studied in this Aggregate Facility Study (AFS), and over \$345 million 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 seven seasonal models to study the aggregate transfers of 3266 MW over a variety of requested service periods. The following SPP Transmission Expansion Plan 2011 Build 2 Cases were used to study the impact of the requested service on the transmission system:

- 2012 Summer Peak (12SP)
- 2012/13 Winter Peak (12WP)
- 2013 Summer Peak (13SP)
- 2013/14 Winter Peak (13WP)
- 2017 Summer Peak (17SP)
- 2017/18 Winter Peak (17WP)
- 2022 Summer Peak (22SP)

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 3266 MW to model the requested service. From the seven seasonal models, two system scenarios were developed. Scenario 0 includes projected usage of transmission included in the SPP 2011 Series Cases. Scenario 5 includes transmission service not already included in the SPP 2011 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 December 5, 2012. 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 December 20, 2012, 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	AG3-2011-025	76213582	CSWS	CLEC	70	6/1/2014	6/1/2019	6/1/2019	6/1/2024	6/1/2019	6/1/2024	0	17SP
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	17SP
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	17SP
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	17SP
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	AG3-2011-058	76216539	SPS	EES	126	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	6/1/2019	6/1/2024	6/1/2019	6/1/2024	0	13SP
CRGL	AG3-2011-069	76216485	NPPD	EES	100	1/1/2013	1/1/2018	6/1/2019	6/1/2024	6/1/2019	6/1/2024	0	13SP
CRGL	AG3-2011-070	76216479	SPS	AMRN	101	1/1/2013	1/1/2023	6/1/2019	6/1/2029	6/1/2019	6/1/2029	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	17SP
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	17SP
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	17SP
FPLP	AG3-2011-005	76143887	WR	EES	100	1/1/2013	1/1/2033	6/1/2019	6/1/2039	6/1/2019	6/1/2039	0	13SP
FPLP	AG3-2011-006	76143889	WR	EES	100	1/1/2013	1/1/2033	6/1/2019	6/1/2039	6/1/2019	6/1/2039	0	13SP
FPLP	AG3-2011-046	76216532	CSWS	AECI	100	1/1/2013	1/1/2033	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	6/1/2018	11/1/2038	1/1/2015	6/1/2035	0	13SP
GSECGS	AG3-2011-032	76214894	SPS	SPS	175	12/1/2012	1/1/2043	6/1/2018	7/1/2048	4/1/2013	5/1/2043	0	13SP
KBPU	AG3-2011-019	76210042	MPS	KACY	100	1/1/2013	1/1/2043	6/1/2016	6/1/2046	1/1/2015	1/1/2045	0	13SP
KCPS	AG3-2011-026	76216053	SECI	KCPL	32	4/1/2012	4/1/2032	6/1/2019	6/1/2039	6/1/2019	6/1/2039	0	12SP
KCPS	AG3-2011-027	76216066	WPEK	KCPL	50	4/1/2012	4/1/2032	6/1/2019	6/1/2039	6/1/2019	6/1/2039	0	12SP
NMEC	AG3-2011-003	75350825	NPPD	WR	1	10/1/2014	10/1/2024	6/1/2019	6/1/2029	6/1/2019	6/1/2029	0	22SP
OMPA	AG3-2011-093	76216657	OKGE	OKGE	51	1/1/2013	1/1/2038	6/1/2015	6/1/2040	10/1/2014	10/1/2039	0	13SP
SECI	AG3-2011-089	76177839	SECI	SECI	24	7/1/2012	7/1/2032	6/1/2019	6/1/2039	6/1/2019	6/1/2039	0	13SP
SECI	AG3-2011-090	76192515	SPRM	SECI	50	1/1/2013	1/1/2019	6/1/2019	6/1/2025	6/1/2019	6/1/2025	0	13SP
SECI	AG3-2011-091	76192531	SECI	SECI	55	1/1/2014	1/1/2044	6/1/2019	6/1/2049	6/1/2019	6/1/2049	0	17SP
SECI	AG3-2011-092	76209412	KCPL	SECI	50	1/1/2013	1/1/2043	6/1/2019	6/1/2049	6/1/2019	6/1/2049	0	13SP
SPSM	AG3-2011-041	76213597	SPS	SPS	100	6/1/2013	6/1/2014	6/1/2015	6/1/2016	6/1/2013	6/1/2014	0	13SP
SPSM	AG3-2011-042	76213598	SPS	SPS	25	6/1/2014	6/1/2015	6/1/2015	6/1/2016	6/1/2014	6/1/2015	0	17SP
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: 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	AG3-2011-025	76213582	\$20,021,165	\$7,421,164	\$12,600,000		\$461,822	\$25,697,001	\$0	\$25,697,001
AEPM	AG3-2011-088	76213445	\$3,785,550	\$410,443	\$3,375,107		\$666	\$2,074,947	\$0	\$2,074,947
BPAE	AG3-2011-043	76216638	\$15,704,035	\$15,704,040	\$0		\$741,179	\$43,610,330	\$7,680,000	\$43,610,330
BPAE	AG3-2011-044	76216640	\$7,851,965	\$7,851,965	\$0		\$370,589	\$21,805,000	\$3,840,000	\$21,805,000
BPAE	AG3-2011-045	76216631	\$19,898,510	\$19,898,510	\$0		\$935,655	\$55,398,970	\$9,523,200	\$55,398,970
CRGL	AG3-2011-053	76216558	\$5,568,685	\$5,568,685	\$0		\$368,125	\$17,964,540	\$7,680,000	\$17,964,540
CRGL	AG3-2011-054	76216556	\$11,137,370	\$11,137,370	\$0		\$736,289	\$35,929,090	\$15,360,000	\$35,929,090
CRGL	AG3-2011-055	76216551	\$11,137,370	\$11,137,370	\$0		\$736,289	\$35,929,090	\$15,360,000	\$35,929,090
CRGL	AG3-2011-056	76216544	\$13,786,951	\$13,786,950	\$0		\$711,005	\$44,541,520	\$15,360,000	\$44,541,520
CRGL	AG3-2011-057	76216543	\$13,786,951	\$13,786,950	\$0		\$711,005	\$44,541,520	\$15,360,000	\$44,541,520
CRGL	AG3-2011-058	76216539	\$14,660,152	\$14,660,150	\$0		\$894,831	\$47,396,040	\$19,353,600	\$47,396,040
CRGL	AG3-2011-060	76216522	\$12,936,658	\$12,936,660	\$0		\$686,025	\$41,550,870	\$15,360,000	\$41,550,870
CRGL	AG3-2011-061	76216519	\$12,936,658	\$12,936,660	\$0		\$686,025	\$41,550,870	\$15,360,000	\$41,550,870
CRGL	AG3-2011-068	76216487	\$3,883,188	\$3,883,188	\$0		\$8,734	\$10,448,310	\$7,680,000	\$10,448,310
CRGL	AG3-2011-069	76216485	\$3,883,188	\$3,883,188	\$0		\$8,734	\$10,448,310	\$7,680,000	\$10,448,310
CRGL	AG3-2011-070	76216479	\$10,979,655	\$10,979,660	\$0		\$86,309	\$35,035,380	\$10,641,360	\$35,035,380
CRGL	AG3-2011-075	76216442	\$12,949,388	\$12,949,390	\$0		\$695,482	\$41,640,070	\$15,360,000	\$41,640,070
CRGL	AG3-2011-076	76216439	\$25,898,776	\$25,898,780	\$0		\$1,390,964	\$83,280,140	\$30,720,000	\$83,280,140
CRGL	AG3-2011-077	76216437	\$25,898,776	\$25,898,780	\$0		\$1,390,964	\$83,280,140	\$30,720,000	\$83,280,140
FPLP	AG3-2011-005	76143887	\$12,669,884	\$12,669,880	\$0		\$13,203	\$56,208,050	\$30,720,000	\$56,208,050
FPLP	AG3-2011-006	76143889	\$12,669,884	\$12,669,880	\$0		\$13,203	\$56,208,050	\$30,720,000	\$56,208,050
FPLP	AG3-2011-046	76216532	\$11,553,315	\$11,553,320	\$0	6,7	\$691,371	\$53,877,180	\$21,072,000	\$53,877,180
FPLP	AG3-2011-047	76216533	\$11,957,826	\$11,957,830	\$0	6,7	\$731,430	\$56,460,920	\$30,720,000	\$56,460,920
GSECGS	AG3-2011-031	76214890	\$8,584,677	\$0	\$8,584,677		\$0	\$0	\$0	Schedule 9 & 11 Charges
GSECGS	AG3-2011-032	76214894	\$0	\$0	\$0		\$0	\$0	\$0	Schedule 9 & 11 Charges
KBPU	AG3-2011-019	76210042	\$4,778,772	\$4,778,772	\$0		Indeterminate	\$19,066,260	\$31,608,000	\$31,608,000
KCPS	AG3-2011-026	76216053	\$4,543,132	\$0	\$4,543,132		\$458	\$0	\$0	Schedule 9 & 11 Charges
KCPS	AG3-2011-027	76216066	\$7,495,024	\$0	\$7,495,024		\$742	\$0	\$0	Schedule 9 & 11 Charges
NMEC	AG3-2011-003	75350825	\$78,842	\$0	\$78,842		\$0	\$0	\$0	Schedule 9 & 11 Charges
OMPA	AG3-2011-093	76216657	\$1,791	\$0	\$1,791		\$0	\$0	\$0	Schedule 9 & 11 Charges
SECI	AG3-2011-089	76177839	\$3,032	\$1,001	\$2,031		\$0	\$4,093	\$0	\$4,093
SECI	AG3-2011-090	76192515	\$0	\$0	\$0		\$368,230	\$0	\$0	Schedule 9 & 11 Charges
SECI	AG3-2011-091	76192531	\$4,843	\$0	\$4,843		\$0	\$0	\$0	Schedule 9 & 11 Charges
SECI	AG3-2011-092	76209412	\$862,028	\$0	\$862,028		Indeterminate	\$0	\$0	Schedule 9 & 11 Charges
SPSM	AG3-2011-041	76213597	\$0	\$0	\$0		\$0	\$0	\$0	Schedule 9 & 11 Charges
SPSM	AG3-2011-042	76213598	\$0	\$0	\$0		\$0	\$0	\$0	Schedule 9 & 11 Charges
UCU	AG3-2011-022	76216331	\$23,261,067	\$5,261,068	\$18,000,000		\$3,227	\$22,583,743	\$0	\$22,583,743
Grand Total			\$345,169,108		\$55,547,475			\$986,530,434		

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

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

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

<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>
<p>Note 6: Mutually exclusive requests 76216532 and 76216533. System impacts were identified by only modeling mutually exclusive request 76216532.</p>
<p>Note 7: ATSS cost allocation includes all customers' mutually exclusive requests in SPP-2011-AG3.</p>

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

Customer Study Number
AEPM AG3-2011-025

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
AEPM	76213582	CSWS	CLEC	70	6/1/2014	6/1/2019	6/1/2019	6/1/2024	\$ 12,600,000	\$ -	\$ 20,021,165	\$ 51,734,848
									\$ 12,600,000	\$ -	\$ 20,021,165	\$ 51,734,848

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
76213582	36TH & LEWIS - 52ND & DELAWARE TAP 138KV CKT 1	6/1/2018	6/1/2018			\$ 3,049,257	\$ 3,049,257	\$ 7,139,387	
	ADABELL - VBI 161KV CKT 1	6/1/2013	6/1/2016		No	\$ 5,933	\$ 150,000	\$ 20,276	
	BONANZA - HACKETT AECC 161KV CKT 1	6/1/2014	6/1/2017		No	\$ 2,159,400	\$ 2,159,400	\$ 5,572,291	
	EXCELSIOR - HACKETT AECC 161KV CKT 1	6/1/2014	6/1/2017		No	\$ 4,840,350	\$ 4,840,350	\$ 12,490,432	
	EXCELSIOR - NORTH HUNTINGTON 161KV CKT 1	6/1/2014	6/1/2017		No	\$ 4,840,350	\$ 4,840,350	\$ 12,490,432	
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2018	6/1/2018			\$ 117,912	\$ 3,300,000	\$ 303,780	
	Muskogee - VBI 345 KV with 345/161 KV bus tie at VBI	6/1/2013	6/1/2019		No	\$ 5,007,363	\$ 429,000,000	\$ 13,718,250	
						Total	\$ 20,021,165	\$ 147,339,357	\$ 51,734,848

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
76213582	IATAN - NASHUA 345KV CKT 1	4/1/2013	1/1/2015		No
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015		
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbi Ckt SP5	4/1/2013	7/1/2014		
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015		
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015		
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015		
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015		
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015		
	Line - Tucco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014		
	Line - Tucco - Woodward 345 kv line SP5	4/1/2013	6/1/2014		
	XFR - Thistle 345/138 kv	4/1/2013	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
76213582	5 TRIBES - HANCOCK 161KV CKT 1 #1	6/1/2014	6/1/2014		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76213582	5 TRIBES - PECAN CREEK 161KV CKT 1 Accelerate	6/1/2014	6/1/2015		No
	BEAVER - EUREKA SPRINGS 161KV CKT 1 AEPW	6/1/2013	6/1/2015		No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2013	6/1/2017		

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
76213582	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		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	MCNAB REC - TURK 115KV CKT 1	7/1/2012	7/1/2012		

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

Third Party Limitations.							
Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
76213582	JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2013	6/1/2013			\$ 2,719	\$ 100,000
	TOVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	4/1/2013	6/1/2014			1.23%	100.00%
	BEAVER - EUREKA SPRINGS 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	\$ -	\$ -
	BUFORD S 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2016		No	\$ 268,102	\$ 7,650,000
	BUFORD S 161.00 - NORFORK 161KV CKT 1	6/1/2014	6/1/2016		No	\$ 191,001	\$ 5,450,000
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	4/1/2013	10/1/2013			\$ -	\$ -
					Total	\$ 461,822	\$ 13,200,001

*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
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	\$ 3,375,107	\$ -	\$ 3,375,107	\$ 17,558,933	
										\$ 3,375,107	\$ -	\$ 3,375,107	\$ 17,558,933

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	ADABELL - VBI 161KV CKT 1	6/1/2013	6/1/2016	No	No	\$ 1,016	\$ 500	\$ 1,516	\$ 150,000	\$ 9,066	
	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017	No	No	\$ 26,561	\$ 13,083	\$ 39,644	\$ 1,575,000	\$ 194,139	
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016	No	No	\$ 120,433	\$ 59,318	\$ 179,750	\$ 7,141,250	\$ 869,000	
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017	No	No	\$ 26,561	\$ 13,083	\$ 39,644	\$ 1,575,000	\$ 194,139	
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016	No	No	\$ 79,735	\$ 39,272	\$ 119,007	\$ 4,728,000	\$ 575,339	
	Iatan - Jeffrey Energy Center 345 kv KACP	6/1/2013	6/1/2019	No	No	\$ 136,137	\$ -	\$ 136,137	\$ 14,089,880	\$ 668,427	
	Iatan - Jeffrey Energy Center 345 kv WERE	6/1/2013	6/1/2019	No	No	\$ 1,244,239	\$ -	\$ 1,244,239	\$ 128,776,067	\$ 5,034,085	
	Muskogee - VBI 345 kv with 345/161 kv bus tie at VBI	6/1/2013	6/1/2019	No	No	\$ 1,161,406	\$ -	\$ 1,161,406	\$ 129,000,000	\$ 3,568,703	
	WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 3	10/1/2014	6/1/2016	No	No	\$ 579,019	\$ 285,188	\$ 864,207	\$ 8,100,000	\$ 4,446,035	
						Total	\$ 3,375,107	\$ 410,443	\$ 3,785,550	\$ 295,135,197	\$ 17,558,933

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76213445	IATAN - NASHUA 345KV CKT 1	4/1/2013	1/1/2015	No	No
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015	No	No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014	No	No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	4/1/2013	7/1/2014	No	No
	Line - NPPD - Axtell - Kansas Border 345 kv	4/1/2013	6/1/2013	No	No
	Line - Post Rock - Axtell 345 kv	4/1/2013	6/1/2013	No	No
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015	No	No
	Line - Spearville - Post Rock 345 kv	4/1/2013	6/1/2013	No	No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015	No	No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015	No	No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015	No	No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015	No	No
	Line - Tucco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014	No	No
	Line - Tucco - Woodward 345 kv line SPS	4/1/2013	6/1/2014	No	No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2013	10/1/2014	No	No
	XFR - Post Rock 345/230 kv	4/1/2013	4/1/2013	No	No
	XFR - Thistle 345/138 kv	4/1/2013	1/1/2015	No	No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76213445	Cherry Co - Gentleman 345 kv Ckt1	4/1/2013	1/1/2018	No	No
	Cherry Co - Holt Co 345 kv Ckt1	4/1/2013	1/1/2018	No	No
	Cherry Co 345 kv Terminal Upgrades	4/1/2013	1/1/2018	No	No
	Device - Northwest Manhattan Cap 115 kv	6/1/2013	6/1/2014	No	No
	DIANA - PERDUE 138KV CKT 1 #1	6/1/2013	6/1/2014	No	No
	DIANA - PERDUE 138KV CKT 1 #2	6/1/2013	6/1/2016	No	No
	Elk City 345/230 kv	4/1/2013	3/1/2018	Yes	Yes
	Elk City to Gracemont 345kv AEPW	4/1/2013	3/1/2018	Yes	Yes
	Elk City to Gracemont 345kv OKGE	4/1/2013	3/1/2018	Yes	Yes
	GEARY 7 345.00 (GEARY1X) 345/115/13.8KV TRANSFORMER CKT 1	6/1/2013	6/1/2017	No	No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76213445	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2013	6/1/2017	No	No
	Mullerlgren - Reno 345kv Dbl Ckt MKEC	4/1/2013	6/1/2019	No	No
	Spearville - Mullerlgren 345kv Dbl Ckt	4/1/2013	6/1/2019	No	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
76213445	BANW - RED SPRINGS REC 138KV CKT 1	7/1/2012	7/1/2012		
	BEELINE - EXPLORER GLENPOOL 138KV CKT 1	6/1/2009	6/1/2009		
	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW	6/1/2009	6/1/2009		
	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE	6/1/2009	6/1/2009		
	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
76213445	7JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2013	6/1/2013			\$ 666	\$ 100,000
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	4/1/2013	6/1/2014		No	0.97%	100.00%
					Total	\$ 666	\$ 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	\$ 15,704,035	\$ 43,610,332
									\$ -	\$ 7,680,000	\$ 15,704,035	\$ 43,610,332

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216638	ADABELL - VBI 161KV CKT 1	6/1/2013	6/1/2016		No	\$ 6,704	\$ 150,000	\$ 22,911
	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017		No	\$ 110,732	\$ 1,575,000	\$ 341,487
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016		No	\$ 502,074	\$ 7,141,250	\$ 1,528,568
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017		No	\$ 110,732	\$ 1,575,000	\$ 341,487
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016		No	\$ 332,407	\$ 4,728,000	\$ 1,012,015
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2018	6/1/2018			\$ 163,002	\$ 3,300,000	\$ 419,947
	Iatan - Jeffrey Energy Center 345 kv KACP	6/1/2013	6/1/2019		No	\$ 611,677	\$ 14,089,880	\$ 1,744,122
	Iatan - Jeffrey Energy Center 345 kv WERE	6/1/2013	6/1/2019		No	\$ 5,590,494	\$ 128,776,067	\$ 14,222,484
	Muskogee - VBI 345 kv with 345/161 kv bus tie at VBI	6/1/2013	6/1/2019		No	\$ 5,666,230	\$ 129,000,000	\$ 15,521,432
	WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 3	10/1/2014	6/1/2016		No	\$ 2,609,983	\$ 8,100,000	\$ 8,455,880
	Total					\$ 15,704,035	\$ 298,435,197	\$ 43,610,332

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216638	IATAN - NASHUA 345KV CKT 1	4/1/2013	1/1/2015		No
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	4/1/2013	7/1/2014		No
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015		No
	Line - Tucco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014		No
	Line - Tucco - Woodward 345 kv line SPS	4/1/2013	6/1/2014		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2013	10/1/2014		No
	XFR - Thistle 345/138 kv	4/1/2013	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
76216638	Cherry Co - Gentleman 345 kv CKT1	4/1/2013	1/1/2018		No
	Cherry Co - Holt Co 345 kv Ckt1	4/1/2013	1/1/2018		No
	Cherry Co 345 kv Terminal Upgrades	4/1/2013	1/1/2018		No
	Device - Northwest Manhattan Cap 115 kv	6/1/2013	6/1/2014		No
	GEARY 7 345.00 (GEARY1X) 345/115/13.8KV TRANSFORMER CKT 1	6/1/2013	6/1/2017		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216638	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2013	6/1/2017		No
	Mullergren - Reno 345kv Dbi Ckt MKEC	4/1/2013	6/1/2019		No
	Spearville - Mullergren 345kv Dbi Ckt	4/1/2013	6/1/2019		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
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		

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
76216638	JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2013	6/1/2013			\$ 4,904	\$ 100,000
	TOVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	4/1/2013	6/1/2014		No	4.29%	100.00%
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2016		No	\$ 424,844	\$ 7,650,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1	6/1/2014	6/1/2016		No	\$ 302,667	\$ 5,450,000
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	4/1/2013	10/1/2013			-	-
	CLINTON - MONTROSE 161KV CKT 1 AECI	6/1/2013	6/1/2014			\$ 8,764	\$ 180,000
						Total	\$ 741,179

*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	\$ 7,851,965	\$ 21,804,999
									\$	-	\$ 3,840,000	\$ 7,851,965	\$ 21,804,999

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216640	ADABELL - VBI 161KV CKT 1	6/1/2013	6/1/2016		No	\$ 3,352	\$ 150,000	\$ 11,455
	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017		No	\$ 55,364	\$ 1,575,000	\$ 170,737
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016		No	\$ 251,028	\$ 7,141,250	\$ 764,256
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017		No	\$ 55,364	\$ 1,575,000	\$ 170,737
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016		No	\$ 166,198	\$ 4,728,000	\$ 505,991
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2018	6/1/2018		No	\$ 81,501	\$ 3,300,000	\$ 209,973
	Iatan - Jeffrey Energy Center 345 kv KACP	6/1/2013	6/1/2019		No	\$ 305,839	\$ 14,089,880	\$ 872,962
	Iatan - Jeffrey Energy Center 345 kv WERE	6/1/2013	6/1/2019		No	\$ 2,795,247	\$ 128,776,067	\$ 7,111,242
	Muskogee - VBI 345 kv with 345/161 kv bus tie at VBI	6/1/2013	6/1/2019		No	\$ 2,833,115	\$ 129,000,000	\$ 7,760,716
	WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 3	10/1/2014	6/1/2016		No	\$ 1,304,957	\$ 8,100,000	\$ 4,227,828
	Total					\$ 7,851,965	\$ 298,435,197	\$ 21,804,999

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216640	IATAN - NASHUA 345KV CKT 1	4/1/2013	1/1/2015		No
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	4/1/2013	7/1/2014		No
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015		No
	Line - Tucco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014		No
	Line - Tucco - Woodward 345 kv line SPS	4/1/2013	6/1/2014		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2013	10/1/2014		No
	XFR - Thistle 345/138 kv	4/1/2013	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
76216640	Cherry Co - Gentleman 345 kv CKT1	4/1/2013	1/1/2018		No
	Cherry Co - Holt Co 345 kv Ckt1	4/1/2013	1/1/2018		No
	Cherry Co 345 kv Terminal Upgrades	4/1/2013	1/1/2018		No
	Device - Northwest Manhattan Cap 115 kv	6/1/2013	6/1/2014		No
	GEARY 7 345.00 (GEARY1X) 345/115/13.8KV TRANSFORMER CKT 1	6/1/2013	6/1/2017		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216640	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2013	6/1/2017		No
	Mullergren - Reno 345kv Dbi Ckt MKEC	4/1/2013	6/1/2019		No
	Spearville - Mullergren 345kv Dbi Ckt	4/1/2013	6/1/2019		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
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		

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
76216640	JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2013	6/1/2013			\$ 2,452	\$ 100,000
	TOVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	4/1/2013	6/1/2014		No	2.14%	100.00%
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2016		No	\$ 212,422	\$ 7,650,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1	6/1/2014	6/1/2016		No	\$ 151,333	\$ 5,450,000
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	4/1/2013	10/1/2013			\$ -	\$ -
	CLINTON - MONTROSE 161KV CKT 1 AECI	6/1/2013	6/1/2014			\$ 4,382	\$ 180,000
						Total	\$ 370,589

*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	\$ 19,898,510	\$ 55,398,966
									\$ -	\$ 9,523,200	\$ 19,898,510	\$ 55,398,966

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216631	ADABELL - VBI 161KV CKT 1	6/1/2013	6/1/2016		No	\$ 10,137	\$ 150,000	\$ 34,643
	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017		No	\$ 140,468	\$ 1,575,000	\$ 433,190
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016		No	\$ 636,900	\$ 7,141,250	\$ 1,939,046
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017		No	\$ 140,468	\$ 1,575,000	\$ 433,190
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016		No	\$ 421,672	\$ 4,728,000	\$ 1,283,783
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2018	6/1/2018			\$ 179,190	\$ 3,300,000	\$ 461,653
	Iatan - Jeffrey Energy Center 345 kv KACP	6/1/2013	6/1/2019		No	\$ 679,276	\$ 14,089,880	\$ 1,936,872
	Iatan - Jeffrey Energy Center 345 kv WERE	6/1/2013	6/1/2019		No	\$ 6,208,323	\$ 128,776,067	\$ 15,794,270
	Muskogee - VBI 345 kv with 345/161 kv bus tie at VBI	6/1/2013	6/1/2019		No	\$ 8,226,329	\$ 129,000,000	\$ 22,534,279
	WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 3	10/1/2014	6/1/2016		No	\$ 3,255,747	\$ 8,100,000	\$ 10,548,040
	Total					\$ 19,898,510	\$ 298,435,197	\$ 55,398,966

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216631	IATAN - NASHUA 345KV CKT 1	4/1/2013	1/1/2015		No
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	4/1/2013	7/1/2014		No
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015		No
	Line - Tucco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014		No
	Line - Tucco - Woodward 345 kv line SPS	4/1/2013	6/1/2014		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2013	10/1/2014		No
	XFR - Thistle 345/138 kv	4/1/2013	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
76216631	Cherry Co - Gentleman 345 kv CKT1	4/1/2013	1/1/2018		No
	Cherry Co - Holt Co 345 kv Ckt1	4/1/2013	1/1/2018		No
	Cherry Co 345 kv Terminal Upgrades	4/1/2013	1/1/2018		No
	Device - Northwest Manhattan Cap 115 kv	6/1/2013	6/1/2014		No
	GEARY 7 345.00 (GEARY1X) 345/115/13.8KV TRANSFORMER CKT 1	6/1/2013	6/1/2017		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216631	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2013	6/1/2017		No
	Mullergren - Reno 345kv Dbi Ckt MKEC	4/1/2013	6/1/2019		No
	Spearville - Mullergren 345kv Dbi Ckt	4/1/2013	6/1/2019		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
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		
	MCHAB REC - TURN 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		

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
76216631	JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2013	6/1/2013			\$ 5,324	\$ 100,000
	TOVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	4/1/2013	6/1/2014		No	5.14%	100.00%
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2016		No	\$ 537,207	\$ 7,650,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1	6/1/2014	6/1/2016		No	\$ 382,716	\$ 5,450,000
	CLINTON - MONTROSE 161KV CKT 1 AECI	6/1/2013	6/1/2014			\$ 10,408	\$ 180,000
					Total	\$ 935,655	\$ 13,380,001

*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	76216558	SPS	EES	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					50	1/1/2013	1/1/2023	6/1/2019	6/1/2029	\$ -	\$ 7,680,000	\$ 5,568,685	\$ 17,964,545
										\$ -	\$ 7,680,000	\$ 5,568,685	\$ 17,964,545

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216558	ADABELL - VBI 161KV CKT 1	6/1/2013	6/1/2016	6/1/2016	No	\$ 3,473	\$ 150,000	\$ 14,608
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2018	6/1/2018	6/1/2018	No	\$ 89,849	\$ 3,300,000	\$ 290,697
	Iatan - Jeffrey Energy Center 345 kv KACP	6/1/2013	6/1/2019	6/1/2019	No	\$ 229,679	\$ 14,089,880	\$ 797,203
	Iatan - Jeffrey Energy Center 345 kv WERE	6/1/2013	6/1/2019	6/1/2019	No	\$ 2,099,180	\$ 128,776,067	\$ 6,300,701
	Muskogee - VBI 345 kv with 345/161 kv bus tie at VBI	6/1/2013	6/1/2019	6/1/2019	No	\$ 3,146,504	\$ 129,000,000	\$ 10,561,337
	Total					\$ 5,568,685	\$ 275,315,947	\$ 17,964,545

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216558	IATAN - NASHUA 345KV CKT 1	4/1/2013	1/1/2015	1/1/2015	No
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015	1/1/2015	No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014	7/1/2014	No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	4/1/2013	7/1/2014	7/1/2014	No
	Line - NPPD - Axtell - Kansas Border 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Post Rock - Antell 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015	1/1/2015	No
	Line - Spearville - Post Rock 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015	1/1/2015	No
	Line - Tucco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014	6/1/2014	No
	Line - Tucco - Woodward 345 kv line SPS	4/1/2013	6/1/2014	6/1/2014	No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2013	10/1/2014	10/1/2014	No
	XFR - Post Rock 345/230 kv	4/1/2013	4/1/2013	4/1/2013	No
	XFR - Thistle 345/138 kv	4/1/2013	1/1/2015	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	4/1/2013	1/1/2018	1/1/2018	No
	Cherry Co - Holt Co 345 kv Ckt1	4/1/2013	1/1/2018	1/1/2018	No
	Cherry Co 345 kv Terminal Upgrades	4/1/2013	1/1/2018	1/1/2018	No
	Device - Northwest Manhattan Cap 115 kv	6/1/2013	6/1/2014	6/1/2014	No
	GEARY 7 345.00 (GEARY1X) 345/115/113.8KV TRANSFORMER CKT 1	6/1/2013	6/1/2017	6/1/2017	No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216558	BEAVER - EUREKA SPRINGS 161KV CKT 1 AEPW	6/1/2013	6/1/2015	6/1/2015	No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2013	6/1/2017	6/1/2017	No
	Mullergren - Reno 345kv Dbi Ckt MKEC	4/1/2013	6/1/2019	6/1/2019	No
	NORTHWEST (NORTWST4) 345/138/13.8KV TRANSFORMER CKT 1 Accelerated	6/1/2013	6/1/2015	6/1/2015	Yes
	Spearville - Mullergren 345KV Dbi Ckt	4/1/2013	6/1/2019	6/1/2019	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
76216558	HUGO POWER PLANT - VALLIANT 345 kv AEPW	7/1/2012	7/1/2012	7/1/2012	
	HUGO POWER PLANT - VALLIANT 345KV CKT 1 WFEC	7/1/2012	7/1/2012	7/1/2012	
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006	6/1/2006	
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010	1/1/2010	
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010	1/1/2010	
	WOODWARD - IODINE 138KV CKT 1	1/1/2010	1/1/2010	1/1/2010	
	WOODWARD - WOODWARD EHV 138KV CKT 1	1/1/2010	1/1/2010	1/1/2010	
	WOODWARD - WOODWARD EHV 138KV CKT 2	1/1/2010	1/1/2010	1/1/2010	
	WOODWARD 345/138KV TRANSFORMER CKT 1	1/1/2010	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	JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2013	6/1/2013			\$ 2,441	\$ 100,000
	TOVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	4/1/2013	6/1/2014		No	1.70%	100.00%
	BEAVER - EUREKA SPRINGS 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	\$ -	\$ -
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2016		No	\$ 211,594	\$ 7,650,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1	6/1/2014	6/1/2016		No	\$ 150,744	\$ 5,450,000
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	4/1/2013	10/1/2013		No	\$ -	\$ -
	CLINTON - MONTROSE 161KV CKT 1 AEC	6/1/2013	6/1/2014			\$ 3,346	\$ 180,000
					Total	\$ 368,125	\$ 13,380,000

*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	76216556	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			SPS	EES	100	1/1/2013	1/1/2023	6/1/2019	6/1/2029	\$	-	\$ 15,360,000	\$ 11,137,370	\$ 35,929,091
										\$	-	\$ 15,360,000	\$ 11,137,370	\$ 35,929,091

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216556	ADABELL - VBI 161KV CKT 1	6/1/2013	6/1/2016		No	\$ 6,947	\$ 150,000	\$ 29,220
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2018	6/1/2018		No	\$ 179,698	\$ 3,300,000	\$ 581,393
	latan - Jeffrey Energy Center 345 kv KACP	6/1/2013	6/1/2019		No	\$ 459,358	\$ 14,089,880	\$ 1,594,405
	latan - Jeffrey Energy Center 345 kv WERE	6/1/2013	6/1/2019		No	\$ 4,198,359	\$ 128,776,067	\$ 12,601,399
	Muskogee - VBI 345 kv with 345/161 kv bus tie at VBI	6/1/2013	6/1/2019		No	\$ 6,293,008	\$ 129,000,000	\$ 21,122,673
					Total	\$ 11,137,370	\$ 275,315,947	\$ 35,929,091

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216556	IATAN - NASHUA 345KV CKT 1	4/1/2013	1/1/2015		No
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	4/1/2013	7/1/2014		No
	Line - NPPD - Axtell - Kansas Border 345 kv	4/1/2013	6/1/2013		No
	Line - Post Rock - Antel 345 kv	4/1/2013	6/1/2013		No
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015		No
	Line - Spearville - Post Rock 345 kv	4/1/2013	6/1/2013		No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015		No
	Line - Tucco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014		No
	Line - Tucco - Woodward 345 kv line SPS	4/1/2013	6/1/2014		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2013	10/1/2014		No
	XFR - Post Rock 345/230 kv	4/1/2013	4/1/2013		No
	XFR - Thistle 345/138 kv	4/1/2013	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216556	Cherry Co - Gentleman 345 kv Ckt1	4/1/2013	1/1/2018		No
	Cherry Co - Holt Co 345 kv Ckt1	4/1/2013	1/1/2018		No
	Cherry Co 345 kv Terminal Upgrades	4/1/2013	1/1/2018		No
	Device - Northwest Manhattan Cap 115 kv	6/1/2013	6/1/2014		No
	GEARY 7 345.00 (GEARY1X) 345/115/113.8KV TRANSFORMER CKT 1	6/1/2013	6/1/2017		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216556	BEAVER - EUREKA SPRINGS 161KV CKT 1 AEPW	6/1/2013	6/1/2015		No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2013	6/1/2017		No
	Mullergren - Reno 345kv Dbi Ckt MKEC	4/1/2013	6/1/2019		No
	NORTHWEST (NORTWST4) 345/138/13.8KV TRANSFORMER CKT 1 Accelerated	6/1/2013	6/1/2015		Yes
	Spearville - Mullergren 345KV Dbi Ckt	4/1/2013	6/1/2019		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
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		
	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 - IODINE 138KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD - WOODWARD EHV 138KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD - WOODWARD EHV 138KV CKT 2	1/1/2010	1/1/2010		
	WOODWARD 345/138KV TRANSFORMER CKT 1	1/1/2010	1/1/2010		

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

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
76216556	JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2013	6/1/2013			\$ 4,883	\$ 100,000
	TOVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	4/1/2013	6/1/2014		No	3.39%	100.00%
	BEAVER - EUREKA SPRINGS 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	\$ -	\$ -
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2016		No	\$ 423,211	\$ 7,650,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1	6/1/2014	6/1/2016		No	\$ 301,503	\$ 5,450,000
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	4/1/2013	10/1/2013		No	\$ -	\$ -
	CLINTON - MONTROSE 161KV CKT 1 AEC	6/1/2013	6/1/2014			\$ 6,692	\$ 180,000
					Total	\$ 736,289	\$ 13,380,000

*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	76216551	FOR	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			SPS	EES	100	1/1/2013	1/1/2023	6/1/2019	6/1/2029	\$	\$ 15,360,000	\$ 11,137,370	\$ 35,929,091
										\$	\$ 15,360,000	\$ 11,137,370	\$ 35,929,091

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216551	ADABELL - VBI 161KV CKT 1	6/1/2013	6/1/2016		No	\$ 6,947	\$ 150,000	\$ 29,220
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2018	6/1/2018		No	\$ 179,698	\$ 3,300,000	\$ 581,393
	Iatan - Jeffrey Energy Center 345 kv KACP	6/1/2013	6/1/2019		No	\$ 459,358	\$ 14,089,880	\$ 1,594,405
	Iatan - Jeffrey Energy Center 345 kv WERE	6/1/2013	6/1/2019		No	\$ 4,198,359	\$ 128,776,067	\$ 12,601,399
	Muskogee - VBI 345 kv with 345/161 kv bus tie at VBI	6/1/2013	6/1/2019		No	\$ 6,293,008	\$ 129,000,000	\$ 21,122,673
					Total	\$ 11,137,370	\$ 275,315,947	\$ 35,929,091

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216551	IATAN - NASHUA 345KV CKT 1	4/1/2013	1/1/2015		No
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	4/1/2013	7/1/2014		No
	Line - NIPPO - Axtell - Kansas Border 345 kv	4/1/2013	6/1/2013		No
	Line - Post Rock - Antell 345 kv	4/1/2013	6/1/2013		No
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015		No
	Line - Spearville - Post Rock 345 kv	4/1/2013	6/1/2013		No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015		No
	Line - Tucco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014		No
	Line - Tucco - Woodward 345 kv line SPS	4/1/2013	6/1/2014		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2013	10/1/2014		No
	XFR - Post Rock 345/230 kv	4/1/2013	4/1/2013		No
	XFR - Thistle 345/138 kv	4/1/2013	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216551	Cherry Co - Gentleman 345 kv Ckt1	4/1/2013	1/1/2018		No
	Cherry Co - Holt Co 345 kv Ckt1	4/1/2013	1/1/2018		No
	Cherry Co 345 kv Terminal Upgrades	4/1/2013	1/1/2018		No
	Device - Northwest Manhattan Cap 115 kv	6/1/2013	6/1/2014		No
	GEARY 7 345.00 (GEARY1X) 345/115/113.8KV TRANSFORMER CKT 1	6/1/2013	6/1/2017		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216551	BEAVER - EUREKA SPRINGS 161KV CKT 1 AEPW	6/1/2013	6/1/2015		No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2013	6/1/2017		No
	Mullergren - Reno 345kv Dbi Ckt MKEC	4/1/2013	6/1/2019		No
	NORTHWEST (NORTWST4) 345/138/13.8KV TRANSFORMER CKT 1 Accelerated	6/1/2013	6/1/2015		Yes
	Spearville - Mullergren 345KV Dbi Ckt	4/1/2013	6/1/2019		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
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		
	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 - IODINE 138KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD - WOODWARD EHV 138KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD - WOODWARD EHV 138KV CKT 2	1/1/2010	1/1/2010		
	WOODWARD 345/138KV TRANSFORMER CKT 1	1/1/2010	1/1/2010		

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

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
76216551	JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2013	6/1/2013			\$ 4,883	\$ 100,000
	TOVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	4/1/2013	6/1/2014		No	3.39%	100.00%
	BEAVER - EUREKA SPRINGS 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	\$ -	\$ -
	BUFORD S 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2016		No	\$ 423,211	\$ 7,650,000
	BUFORD S 161.00 - NORFORK 161KV CKT 1	6/1/2014	6/1/2016		No	\$ 301,503	\$ 5,450,000
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	4/1/2013	10/1/2013		No	\$ -	\$ -
	CLINTON - MONTROSE 161KV CKT 1 AEC	6/1/2013	6/1/2014			\$ 6,692	\$ 180,000
					Total	\$ 736,289	\$ 13,380,000

*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	\$ 13,786,951	\$ 44,541,524
									\$	-	\$ 15,360,000	\$ 13,786,951	\$ 44,541,524

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216544	ADABELL - VBI 161KV CKT 1	6/1/2013	6/1/2016	6/1/2016	No	\$ 6,618	\$ 150,000	\$ 27,836
	CANYON EAST SUB - CANYON WEST SUB 115KV CKT 1	4/1/2013	6/1/2016	6/1/2016	Yes	\$ 376,807	\$ 2,219,350	\$ 1,210,993
	CANYON EAST SUB - RANDALL COUNTY INTERCHANGE 115KV CKT 1	4/1/2013	6/1/2016	6/1/2016	Yes	\$ 1,818,373	\$ 10,710,000	\$ 5,843,937
	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017	6/1/2017	No	\$ 54,213	\$ 1,575,000	\$ 198,273
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016	6/1/2016	No	\$ 245,808	\$ 7,141,250	\$ 887,507
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017	6/1/2017	No	\$ 54,213	\$ 1,575,000	\$ 198,273
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016	6/1/2016	No	\$ 162,742	\$ 4,728,000	\$ 587,592
	GRD01 - SLOAN SPRINGS TAP 345KV CKT 1	6/1/2018	6/1/2018	6/1/2018		\$ 161,404	\$ 3,300,000	\$ 522,205
	HAYS PLANT - WINE STREET 115KV CKT 1	4/1/2013	6/1/2016	6/1/2016	No	\$ 263	\$ 129,375	\$ 790
	Iatan - Jeffrey Energy Center 345 KV KACP	6/1/2013	6/1/2019	6/1/2019	No	\$ 492,006	\$ 14,089,880	\$ 1,707,725
	Iatan - Jeffrey Energy Center 345 KV WERE	6/1/2013	6/1/2019	6/1/2019	No	\$ 4,496,745	\$ 128,776,067	\$ 13,497,006
	Line - Osage Station and Line Re-termination Accelerate	4/1/2013	6/1/2015	6/1/2015	Yes	\$ 23,426	\$ 92,540	\$ 74,880
	Muskogee - VBI 345 KV with 345/161 KV bus tie at VBI	6/1/2013	6/1/2019	6/1/2019	No	\$ 5,894,333	\$ 129,000,000	\$ 19,784,508
					Total	\$ 13,786,951	\$ 303,486,462	\$ 44,541,524

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	BAILEY COUNTY INTERCHANGE - CURRY COUNTY INTERCHANGE 115KV CKT 1	4/1/2013	6/1/2015	6/1/2015	No
	IATAN - NASHUA 345KV CKT 1	4/1/2013	1/1/2015	1/1/2015	No
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015	1/1/2015	No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014	7/1/2014	No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	4/1/2013	7/1/2014	7/1/2014	No
	Line - NPPD - Axtell - Kansas Border 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Post Rock - Axtell 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015	1/1/2015	No
	Line - Spearville - Post Rock 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015	1/1/2015	No
	Line - Tucco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014	6/1/2014	No
	Line - Tucco - Woodward 345 kv line SPS	4/1/2013	6/1/2014	6/1/2014	No
	NEWHART INTERCHANGE PROJECT	4/1/2013	6/1/2015	6/1/2015	No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2013	10/1/2014	10/1/2014	No
	XFR - Post Rock 345/230 kv	4/1/2013	4/1/2013	4/1/2013	No
	XFR - Thistle 345/138 kv	4/1/2013	1/1/2015	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	4/1/2013	1/1/2018	1/1/2018	No
	Cherry Co - Holt Co 345 kv CKT 1	4/1/2013	1/1/2018	1/1/2018	No
	Cherry Co 345 kv Terminal Upgrades	4/1/2013	1/1/2018	1/1/2018	No
	Devise - Northwest Manhattan Cap 115 kv	6/1/2013	6/1/2014	6/1/2014	No
	Elk City 345/230 kv	4/1/2013	3/1/2018	3/1/2018	No
	Elk City to Gracemont 345kv AEPW	4/1/2013	3/1/2018	3/1/2018	No
	Elk City to Gracemont 345kv OKGE	4/1/2013	3/1/2018	3/1/2018	No
	GEARY 7 345.00 (GEARY1X) 345/115/13.8KV TRANSFORMER CKT 1	6/1/2013	6/1/2017	6/1/2017	No
	RANDALL COUNTY INTERCHANGE 230/115/13.2KV TRANSFORMER CKT 2	4/1/2013	6/1/2013	6/1/2013	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
76216544	BUSHLAND INTERCHANGE - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1	4/1/2013	6/1/2014	6/1/2014	Yes
	HARPER - MILAN TAP 138KV CKT 1 #1 Accelerate	4/1/2013	6/1/2014	6/1/2014	No
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	4/1/2013	6/1/2015	6/1/2015	No
	HOLT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2013	6/1/2017	6/1/2017	No
	Mullerlgren - Reno 345KV DBI CKT MKCC	4/1/2013	6/1/2019	6/1/2019	No
	Spearville - Mullerlgren 345KV DBI CKT	4/1/2013	6/1/2019	6/1/2019	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
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		
	Mullergren - Reno 345kv Dbl CKT MREC	10/1/2012	6/1/2019		
	Mullergren - Reno 345kv Dbl CKT WERE	10/1/2012	6/1/2019		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville - Mullergren 345kv Dbl CKT	10/1/2012	6/1/2019		
	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
76216544	7JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2013	6/1/2013			\$ 4,255	\$ 100,000
	POWERON 345.00 (1) 345/161/13.8KV TRANSFORMER CKT 1	4/1/2013	6/1/2014	No		3.81%	100,000%
	BUFORD S 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2016	No		\$ 408,403	\$ 7,650,000
	BUFORD S 161.00 - NORFORK 161KV CKT 1	6/1/2014	6/1/2016	No		\$ 290,954	\$ 5,450,000
	CLINTON - MONTROSE 161KV CKT 1 AECI	6/1/2013	6/1/2014	No		\$ 7,393	\$ 180,000
				Total		\$ 711,005	\$ 13,380,000

*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	\$ 13,786,951	\$ 44,541,524
									\$ -	\$ 15,360,000	\$ 13,786,951	\$ 44,541,524

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216543	ADABELL - VBI 161KV CKT 1	6/1/2013	6/1/2016	6/1/2016	No	\$ 6,618	\$ 150,000	\$ 27,836
	CANYON EAST SUB - CANYON WEST SUB 115KV CKT 1	4/1/2013	6/1/2016	6/1/2016	Yes	\$ 376,807	\$ 2,219,350	\$ 1,210,993
	CANYON EAST SUB - RANDALL COUNTY INTERCHANGE 115KV CKT 1	4/1/2013	6/1/2016	6/1/2016	Yes	\$ 1,818,373	\$ 10,710,000	\$ 5,843,937
	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017	6/1/2017	No	\$ 54,213	\$ 1,575,000	\$ 198,273
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2017	6/1/2017	No	\$ 245,808	\$ 7,141,250	\$ 887,507
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017	6/1/2017	No	\$ 54,213	\$ 1,575,000	\$ 198,273
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2017	6/1/2017	No	\$ 162,742	\$ 4,728,000	\$ 587,592
	GRD01 - SLOAN SPRINGS TAP 345KV CKT 1	6/1/2018	6/1/2018	6/1/2018		\$ 161,404	\$ 3,300,000	\$ 522,205
	HAYS PLANT - WINE STREET 115KV CKT 1	4/1/2013	6/1/2016	6/1/2016	No	\$ 263	\$ 129,375	\$ 790
	Iatan - Jeffrey Energy Center 345 KV KACP	6/1/2013	6/1/2019	6/1/2019	No	\$ 492,006	\$ 14,089,880	\$ 1,707,725
	Iatan - Jeffrey Energy Center 345 KV WERE	6/1/2013	6/1/2019	6/1/2019	No	\$ 4,496,745	\$ 128,776,067	\$ 13,497,006
	Line - Osage Station and Line Re-termination Accelerate	4/1/2013	6/1/2015	6/1/2015	Yes	\$ 23,426	\$ 92,540	\$ 74,880
	Muskogee - VBI 345 KV with 345/161 KV bus tie at VBI	6/1/2013	6/1/2019	6/1/2019	No	\$ 5,894,333	\$ 129,000,000	\$ 19,784,508
					Total	\$ 13,786,951	\$ 303,486,462	\$ 44,541,524

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	BAILEY COUNTY INTERCHANGE - CURRY COUNTY INTERCHANGE 115KV CKT 1	4/1/2013	6/1/2015	6/1/2015	No
	IATAN - NASHUA 345KV CKT 1	4/1/2013	1/1/2015	1/1/2015	No
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015	1/1/2015	No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014	7/1/2014	No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	4/1/2013	7/1/2014	7/1/2014	No
	Line - NPPD - Axtell - Kansas Border 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Post Rock - Axtell 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015	1/1/2015	No
	Line - Spearville - Post Rock 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015	1/1/2015	No
	Line - Tucco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014	6/1/2014	No
	Line - Tucco - Woodward 345 kv line SPS	4/1/2013	6/1/2014	6/1/2014	No
	NEWHART INTERCHANGE PROJECT	4/1/2013	6/1/2015	6/1/2015	No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2013	10/1/2014	10/1/2014	No
	XFR - Post Rock 345/230 kv	4/1/2013	4/1/2013	4/1/2013	No
	XFR - Thistle 345/138 kv	4/1/2013	1/1/2015	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	4/1/2013	1/1/2018	1/1/2018	No
	Cherry Co - Holt Co 345 kv CKT 1	4/1/2013	1/1/2018	1/1/2018	No
	Cherry Co 345 kv Terminal Upgrades	4/1/2013	1/1/2018	1/1/2018	No
	Devise - Northwest Manhattan Cap 115 kv	6/1/2013	6/1/2014	6/1/2014	No
	Elk City 345/230 kv	4/1/2013	3/1/2018	3/1/2018	No
	Elk City to Gracemont 345kv AEPW	4/1/2013	3/1/2018	3/1/2018	No
	Elk City to Gracemont 345kv OKGE	4/1/2013	3/1/2018	3/1/2018	No
	GEARY 7 345.00 (GEARY1X) 345/115/13.8KV TRANSFORMER CKT 1	6/1/2013	6/1/2017	6/1/2017	No
	RANDALL COUNTY INTERCHANGE 230/115/13.2KV TRANSFORMER CKT 2	4/1/2013	6/1/2013	6/1/2013	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
76216543	BUSHLAND INTERCHANGE - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1	4/1/2013	6/1/2014	6/1/2014	Yes
	HARPER - MILAN TAP 138KV CKT 1 #1 Accelerate	4/1/2013	6/1/2014	6/1/2014	No
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	4/1/2013	6/1/2015	6/1/2015	No
	HOLT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2013	6/1/2017	6/1/2017	No
	Mullerlgren - Reno 345KV Dbl CKT MKCC	4/1/2013	6/1/2019	6/1/2019	No
	Spearville - Mullerlgren 345KV Dbl CKT	4/1/2013	6/1/2019	6/1/2019	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		
	Mullergren - Reno 345kv Dbl CKT MREC	10/1/2012	6/1/2019		
	Mullergren - Reno 345kv Dbl CKT WERE	10/1/2012	6/1/2019		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville - Mullergren 345kv Dbl CKT	10/1/2012	6/1/2019		
	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
76216543	7JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2013	6/1/2013			\$ 4,255	\$ 100,000
	POWERON 345.00 (1) 345/161/13.8KV TRANSFORMER CKT 1	4/1/2013	6/1/2014	No		3.81%	100,000%
	BUFORD S 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2016	No		\$ 408,403	\$ 7,650,000
	BUFORD S 161.00 - NORFORK 161KV CKT 1	6/1/2014	6/1/2016	No		\$ 290,954	\$ 5,450,000
	CLINTON - MONTROSE 161KV CKT 1 AECI	6/1/2013	6/1/2014	No		\$ 7,393	\$ 180,000
					Total	\$ 711,005	\$ 13,380,000

*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 AG3-2011-058

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements	
CRGL	76216539	SPS	EES	126	1/1/2013	1/1/2023	6/1/2019	6/1/2029	\$	-	\$ 19,353,600	\$ 14,660,152	\$ 47,396,045
									\$	-	\$ 19,353,600	\$ 14,660,152	\$ 47,396,045

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216539	ADABELL - VBI 161KV CKT 1	6/1/2013	6/1/2016	6/1/2016	No	\$ 8,306	\$ 150,000	\$ 34,936
	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017	6/1/2017	No	\$ 72,404	\$ 1,575,000	\$ 264,803
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016	6/1/2016	No	\$ 328,289	\$ 7,141,250	\$ 1,185,311
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017	6/1/2017	No	\$ 72,404	\$ 1,575,000	\$ 264,803
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016	6/1/2016	No	\$ 217,350	\$ 4,728,000	\$ 784,758
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2018	6/1/2018	6/1/2018	No	\$ 201,458	\$ 3,300,000	\$ 651,795
	HAYS PLANT - VINE STREET 115KV CKT 1	4/1/2013	6/1/2016	6/1/2016	No	\$ 265	\$ 129,375	\$ 796
	Iatan - Jeffrey Energy Center 345 KV WCAP	6/1/2013	6/1/2019	6/1/2019	No	\$ 631,211	\$ 14,089,880	\$ 2,190,897
	Iatan - Jeffrey Energy Center 345 KV WERE	6/1/2013	6/1/2019	6/1/2019	No	\$ 5,769,027	\$ 128,776,067	\$ 17,315,768
	Muskogee - VBI 345 kv with 345/161 kv bus tie at VBI	6/1/2013	6/1/2019	6/1/2019	No	\$ 7,359,438	\$ 129,000,000	\$ 24,702,178
	Total					\$ 14,660,152	\$ 290,464,572	\$ 47,396,045

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216539	BAILEY COUNTY INTERCHANGE - CURRY COUNTY INTERCHANGE 115KV CKT 1	4/1/2013	6/1/2015	6/1/2015	No
	IATAN - NASHUA 345KV CKT 1	4/1/2013	1/1/2015	1/1/2015	No
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015	1/1/2015	No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014	7/1/2014	No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	4/1/2013	7/1/2014	7/1/2014	No
	Line - NPPD - Axtell - Kansas Border 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Post Rock - Axtell 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015	1/1/2015	No
	Line - Spearville - Post Rock 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015	1/1/2015	No
	Line - Tucco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014	6/1/2014	No
	Line - Tucco - Woodward 345 kv line SPS	4/1/2013	6/1/2014	6/1/2014	No
	NEWHART INTERCHANGE PROJECT	4/1/2013	6/1/2015	6/1/2015	No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2013	10/1/2014	10/1/2014	No
	XFR - Post Rock 345/230 kv	4/1/2013	4/1/2013	4/1/2013	No
	XFR - Thistle 345/138 kv	4/1/2013	1/1/2015	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
76216539	Cherry Co - Gentleman 345 kv Ckt1	4/1/2013	1/1/2018	1/1/2018	No
	Cherry Co - Holt Co 345 kv Ckt1	4/1/2013	1/1/2018	1/1/2018	No
	Cherry Co 345 kv Terminal Upgrades	4/1/2013	1/1/2018	1/1/2018	No
	Device - Northwest Manhattan Cap 115 kv	6/1/2013	6/1/2014	6/1/2014	No
	Elk City 345/230 kv	4/1/2013	3/1/2018	3/1/2018	No
	Elk City to Gracemont 345kv AEPW	4/1/2013	3/1/2018	3/1/2018	No
	Elk City to Gracemont 345kv OKGE	4/1/2013	3/1/2018	3/1/2018	No
	GEARY 7 345.00 (GEARYX) 345/115/113.8KV TRANSFORMER CKT 1	6/1/2013	6/1/2017	6/1/2017	No
	RANDALL COUNTY INTERCHANGE 230/115/113.2KV TRANSFORMER CKT 2	4/1/2013	6/1/2013	6/1/2013	Yes

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216539	BUSHLAND INTERCHANGE - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1	4/1/2013	6/1/2014	6/1/2014	Yes
	FLATRDG3 138.00 - HARPER 138KV CKT 1	4/1/2013	6/1/2013	6/1/2013	No
	HARPER - MILAN TAP 138KV CKT 1 #1 Accelerate	4/1/2013	6/1/2014	6/1/2014	No
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	4/1/2013	6/1/2015	6/1/2015	No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2013	6/1/2017	6/1/2017	No
	Mullergren - Reno 345kv Dbi Ckt MKEC	4/1/2013	6/1/2019	6/1/2019	No
	Spearville - Mullergren 345kv Dbi Ckt	4/1/2013	6/1/2019	6/1/2019	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
76216539	CHERRIS - 230.00 - Harrington Station East Bus 230KV CKT 1	6/1/2015	6/1/2015		
	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		
	Mullergren - Reno 345KV Dbl CKT MKEC	10/1/2012	6/1/2019		
	Mullergren - Reno 345KV Dbl CKT WERE	10/1/2012	6/1/2019		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville - Mullergren 345KV Dbl CKT	10/1/2012	6/1/2019		
	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
76216539	JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2013	6/1/2013			\$ 5,299	\$ 100,000
	TOVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	4/1/2013	6/1/2014		No	4.91%	100.00%
	BUFORD \$ 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2016		No	\$ 513,907	\$ 7,650,000
	BUFORD \$ 161.00 - NORFORK 161KV CKT 1	6/1/2014	6/1/2016		No	\$ 366,116	\$ 5,450,000
	CLINTON - MONTROSE 161KV CKT 1 AECI	6/1/2013	6/1/2014		No	\$ 9,509	\$ 180,000
					Total	\$ 894,831	\$ 13,380,000

*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	\$ 12,936,658	\$ 41,550,867
									\$ -	\$ 15,360,000	\$ 12,936,658	\$ 41,550,867

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216522	ADABELL - VBI 161KV CKT 1	6/1/2013	6/1/2016	6/1/2016	No	\$ 6,167	\$ 150,000	\$ 25,939
	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017	6/1/2017	No	\$ 90,896	\$ 1,575,000	\$ 332,433
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016	6/1/2016	No	\$ 412,135	\$ 7,141,250	\$ 1,488,043
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017	6/1/2017	No	\$ 90,896	\$ 1,575,000	\$ 332,433
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016	6/1/2016	No	\$ 272,862	\$ 4,728,000	\$ 985,188
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2018	6/1/2018	6/1/2018		\$ 133,245	\$ 3,300,000	\$ 431,100
	HAYS PLANT - VINE STREET 115KV CKT 1	6/1/2013	6/1/2016	6/1/2016	No	\$ 2,264	\$ 129,375	\$ 6,803
	Iatan - Jeffrey Energy Center 345 KV WACP	6/1/2013	6/1/2019	6/1/2019	No	\$ 667,145	\$ 14,089,880	\$ 2,315,622
	Iatan - Jeffrey Energy Center 345 KV WERE	6/1/2013	6/1/2019	6/1/2019	No	\$ 6,097,451	\$ 128,776,067	\$ 18,301,535
	Muskogee - VBI 345 kv with 345/161 kv bus tie at VBI	6/1/2013	6/1/2019	6/1/2019	No	\$ 5,163,597	\$ 129,000,000	\$ 17,331,771
	Total					\$ 12,936,658	\$ 290,464,572	\$ 41,550,867

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	IATAN - NASHUA 345KV CKT 1	4/1/2013	1/1/2015	1/1/2015	No
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015	1/1/2015	No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014	7/1/2014	No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	4/1/2013	7/1/2014	7/1/2014	No
	Line - NPPD - Axtell - Kansas Border 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Post Rock - Axtell 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015	1/1/2015	No
	Line - Spearville - Post Rock 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015	1/1/2015	No
	Line - Tucco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014	6/1/2014	No
	Line - Tucco - Woodward 345 kv line SPS	4/1/2013	6/1/2014	6/1/2014	No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2013	10/1/2014	10/1/2014	No
	XFR - Post Rock 345/230 kv	4/1/2013	4/1/2013	4/1/2013	No
	XFR - Thistle 345/138 kv	4/1/2013	1/1/2015	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	4/1/2013	1/1/2018	1/1/2018	No
	Cherry Co - Holt Co 345 kv Ckt1	4/1/2013	1/1/2018	1/1/2018	No
	Cherry Co 345 kv Terminal Upgrades	4/1/2013	1/1/2018	1/1/2018	No
	Device - Northwest Manhattan Cap 115 kv	6/1/2013	6/1/2014	6/1/2014	No
	Elk City 345/230 kv	4/1/2013	3/1/2018	3/1/2018	No
	Elk City to Gracemont 345kv AEPW	4/1/2013	3/1/2018	3/1/2018	No
	Elk City to Gracemont 345kv OKGE	4/1/2013	3/1/2018	3/1/2018	No
	Elm Creek to Summit 345 kv TCGP	4/1/2013	3/1/2018	3/1/2018	No
	Elm Creek to Summit 345 kv WERE	4/1/2013	3/1/2018	3/1/2018	No
	GEARY 7 345.00 (GEARYX) 345/115/13.8KV TRANSFORMER CKT 1	6/1/2013	6/1/2017	6/1/2017	No
	GREENLEAF - KNOB HILL 115KV CKT 1 WERE	4/1/2013	6/1/2014	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
76216522	BUSHLAND INTERCHANGE - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1	4/1/2013	6/1/2014	6/1/2014	Yes
	FLATRDG3 138.00 - HARPER 138KV CKT 1	4/1/2013	6/1/2013	6/1/2013	No
	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	4/1/2013	6/1/2013	6/1/2013	No
	HARPER - MILAN TAP 138KV CKT 1 #1 Accelerate	4/1/2013	6/1/2014	6/1/2014	No
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	4/1/2013	6/1/2015	6/1/2015	No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2013	6/1/2017	6/1/2017	No
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	4/1/2013	6/1/2019	6/1/2019	No
	Mullergren - Reno 345KV DBI CKT MKEC	4/1/2013	6/1/2019	6/1/2019	No
	Spearville - Mullergren 345KV DBI CKT	4/1/2013	6/1/2019	6/1/2019	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
76216522	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		
	Mullergren - Reno 345kv Dbl CKT MKEC	10/1/2012	6/1/2019		
	Mullergren - Reno 345kv Dbl CKT WERE	10/1/2012	6/1/2019		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville - Mullergren 345kv Dbl CKT	10/1/2012	6/1/2019		
	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
76216522	JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2013	6/1/2013			\$ 3,857	\$ 100,000
	TOVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	4/1/2013	6/1/2014		No	4.75%	100.00%
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2016		No	\$ 393,051	\$ 7,650,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1	6/1/2014	6/1/2016		No	\$ 280,017	\$ 5,450,000
	CLINTON - MONTROSE 161KV CKT 1 AECI	6/1/2013	6/1/2014		No	\$ 9,100	\$ 180,000
					Total	\$ 686,025	\$ 13,380,000

*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	76216519	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			SECI	EES	100	1/1/2013	1/1/2023	6/1/2019	6/1/2029	\$	-	\$ 15,360,000	\$ 12,936,658	\$ 41,550,867
										\$	-	\$ 15,360,000	\$ 12,936,658	\$ 41,550,867

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216519	ADABELL - VBI 161KV CKT 1	6/1/2013	6/1/2016	6/1/2016	No	\$ 6,167	\$ 150,000	\$ 25,939
	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017	6/1/2017	No	\$ 90,896	\$ 1,575,000	\$ 332,433
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016	6/1/2016	No	\$ 412,135	\$ 7,141,250	\$ 1,488,043
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017	6/1/2017	No	\$ 90,896	\$ 1,575,000	\$ 332,433
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016	6/1/2016	No	\$ 272,862	\$ 4,728,000	\$ 985,188
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2018	6/1/2018	6/1/2018		\$ 133,245	\$ 3,300,000	\$ 431,100
	HAYS PLANT - VINE STREET 115KV CKT 1	4/1/2013	6/1/2016	6/1/2016	No	\$ 2,264	\$ 129,375	\$ 6,803
	Iatan - Jeffrey Energy Center 345 KV WACP	6/1/2013	6/1/2019	6/1/2019	No	\$ 667,145	\$ 14,089,880	\$ 2,315,622
	Iatan - Jeffrey Energy Center 345 KV WERE	6/1/2013	6/1/2019	6/1/2019	No	\$ 6,097,451	\$ 128,776,067	\$ 18,301,535
	Muskogee - VBI 345 kv with 345/161 kv bus tie at VBI	6/1/2013	6/1/2019	6/1/2019	No	\$ 5,163,597	\$ 129,000,000	\$ 17,331,771
	Total					\$ 12,936,658	\$ 290,464,572	\$ 41,550,867

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	IATAN - NASHUA 345KV CKT 1	4/1/2013	1/1/2015	1/1/2015	No
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015	1/1/2015	No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014	7/1/2014	No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	4/1/2013	7/1/2014	7/1/2014	No
	Line - NPPD - Axtell - Kansas Border 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Post Rock - Axtell 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015	1/1/2015	No
	Line - Spearville - Post Rock 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015	1/1/2015	No
	Line - Tucco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014	6/1/2014	No
	Line - Tucco - Woodward 345 kv line SPS	4/1/2013	6/1/2014	6/1/2014	No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2013	10/1/2014	10/1/2014	No
	XFR - Post Rock 345/230 kv	4/1/2013	4/1/2013	4/1/2013	No
	XFR - Thistle 345/138 kv	4/1/2013	1/1/2015	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	4/1/2013	1/1/2018	1/1/2018	No
	Cherry Co - Holt Co 345 kv Ckt1	4/1/2013	1/1/2018	1/1/2018	No
	Cherry Co 345 kv Terminal Upgrades	4/1/2013	1/1/2018	1/1/2018	No
	Device - Northwest Manhattan Cap 115 kv	6/1/2013	6/1/2014	6/1/2014	No
	Elk City 345/230 kv	4/1/2013	3/1/2018	3/1/2018	No
	Elk City to Gracemont 345kv AEPW	4/1/2013	3/1/2018	3/1/2018	No
	Elk City to Gracemont 345kv OKGE	4/1/2013	3/1/2018	3/1/2018	No
	Elm Creek to Summit 345 kv TCGP	4/1/2013	3/1/2018	3/1/2018	No
	Elm Creek to Summit 345 kv WERE	4/1/2013	3/1/2018	3/1/2018	No
	GEARY 7 345.00 (GEARYX) 345/115/13.8KV TRANSFORMER CKT 1	6/1/2013	6/1/2017	6/1/2017	No
	GREENLEAF - KNOB HILL 115KV CKT 1 WERE	4/1/2013	6/1/2014	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
76216519	BUSHLAND INTERCHANGE - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1	4/1/2013	6/1/2014	6/1/2014	Yes
	FLATRDG3 138.00 - HARPER 138KV CKT 1	4/1/2013	6/1/2013	6/1/2013	No
	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	4/1/2013	6/1/2013	6/1/2013	No
	HARPER - MILAN TAP 138KV CKT 1 #1 Accelerate	4/1/2013	6/1/2014	6/1/2014	No
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	4/1/2013	6/1/2015	6/1/2015	No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2013	6/1/2017	6/1/2017	No
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	4/1/2013	6/1/2019	6/1/2019	No
	Mullerregren - Reno 345KV Dbl CKT MKEC	4/1/2013	6/1/2019	6/1/2019	No
	Spearville - Mullerregren 345KV Dbl CKT	4/1/2013	6/1/2019	6/1/2019	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
76216519	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		
	Mullergren - Reno 345kv Dbl CKT MKEC	10/1/2012	6/1/2019		
	Mullergren - Reno 345kv Dbl CKT WERE	10/1/2012	6/1/2019		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville - Mullergren 345kv Dbl CKT	10/1/2012	6/1/2019		
	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
76216519	JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2013	6/1/2013			\$ 3,857	\$ 100,000
	TOVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	4/1/2013	6/1/2014		No	4.75%	100.00%
	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2016		No	\$ 393,051	\$ 7,650,000
	BUFORD 5 161.00 - NORFORK 161KV CKT 1	6/1/2014	6/1/2016		No	\$ 280,017	\$ 5,450,000
	CLINTON - MONTROSE 161KV CKT 1 AECI	6/1/2013	6/1/2014		No	\$ 9,100	\$ 180,000
					Total	\$ 686,025	\$ 13,380,000

*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	6/1/2019	6/1/2024	\$ -	\$ 7,680,000	\$ 3,883,188	\$ 10,448,307
									\$ -	\$ 7,680,000	\$ 3,883,188	\$ 10,448,307

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216487	ADABELL - VBI 161KV CKT 1	6/1/2013	6/1/2016		No	\$ 4,283	\$ 150,000	\$ 14,637
	Muskogee - VBI 345 KV with 345/161 KV bus tie at VBI	6/1/2013	6/1/2019		No	\$ 3,292,348	\$ 129,000,000	\$ 9,018,687
	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	6/1/2018	6/1/2018			\$ 586,557	\$ 11,250,000	\$ 1,414,983
	Total					\$ 3,883,188	\$ 140,400,000	\$ 10,448,307

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216487	IATAN - NASHUA 345KV CKT 1	4/1/2013	1/1/2015		No
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015		
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	4/1/2013	7/1/2014		
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015		
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015		
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015		
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015		
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015		
	Line - Tuco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014		
	Line - Tuco - Woodward 345 kv line SPS	4/1/2013	6/1/2014		
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2013	10/1/2014		No
	XFR - Thistle 345/138 kv	4/1/2013	1/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216487	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2013	6/1/2017		No
	Mullergren - Reno 345kv Dbi Ckt MKEC	4/1/2013	6/1/2019		No
	Spearville - Mullergren 345kv Dbi Ckt	4/1/2013	6/1/2019		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
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		

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 upgrad

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216487	Iatan - Jeffrey Energy Center 345 KV KACP	6/1/2013	6/1/2019		No
	Iatan - Jeffrey Energy Center 345 KV WERE	6/1/2013	6/1/2019		No

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
76216487	7JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2013	6/1/2013			\$ 1,483	\$ 100,000
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	4/1/2013	6/1/2014		No	4.83%	100.00%
	CLINTON - MONTROSE 161KV CKT 1 AECI	6/1/2013	6/1/2014		No	\$ 7,251	\$ 180,000
	Total					\$ 8,734	\$ 280,000

*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 AG3-2011-069

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	6/1/2019	6/1/2024	\$ -	\$ 7,680,000	\$ 3,883,188	\$ 10,448,307
									\$ -	\$ 7,680,000	\$ 3,883,188	\$ 10,448,307

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216485	ADABELL - VBI 161KV CKT 1	6/1/2013	6/1/2016	No	No	\$ 4,283	\$ 150,000	\$ 14,637
	Muskogee - VBI 345 KV with 345/161 kv bus tie at VBI	6/1/2013	6/1/2019	No	No	\$ 3,292,348	\$ 129,000,000	\$ 9,018,687
	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	6/1/2018	6/1/2018	No	No	\$ 586,557	\$ 11,250,000	\$ 1,414,983
	Total					\$ 3,883,188	\$ 140,400,000	\$ 10,448,307

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216485	IATAN - NASHUA 345KV CKT 1	4/1/2013	1/1/2015	No	No
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015		
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	4/1/2013	7/1/2014		
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015		
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015		
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015		
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015		
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015		
	Line - Tucco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014		
	Line - Tucco - Woodward 345 kv line SPS	4/1/2013	6/1/2014		
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2013	10/1/2014	No	No
	XFR - Thistle 345/138 kv	4/1/2013	1/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216485	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2013	6/1/2017	No	No
	Mullergren - Reno 345kv Dbi Ckt MKEC	4/1/2013	6/1/2019	No	No
	Spearville - Mullergren 345kv Dbi Ckt	4/1/2013	6/1/2019	No	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
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		

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 upgrad

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216485	Iatan - Jeffrey Energy Center 345 kv KACP	6/1/2013	6/1/2019	No	No
	Iatan - Jeffrey Energy Center 345 kv WERE	6/1/2013	6/1/2019	No	No

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
76216485	7JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2013	6/1/2013			\$ 1,483	\$ 100,000
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	4/1/2013	6/1/2014	No	No	4.83%	100.00%
	CLINTON - MONTROSE 161KV CKT 1 AECI	6/1/2013	6/1/2014	No	No	\$ 7,251	\$ 180,000
	Total					\$ 8,734	\$ 280,000

*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 AG3-2011-070

Customer	Reservation	76216479	FOR	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			SPS	AMRN	101	1/1/2013	1/1/2023	6/1/2019	6/1/2029	\$	-	\$ 10,641,360	\$ 10,979,655	\$ 35,035,381
										\$	-	\$ 10,641,360	\$ 10,979,655	\$ 35,035,381

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216479	ADABELL - VBI 161KV CKT 1	6/1/2013	6/1/2016	6/1/2016	No	\$ 3,813	\$ 150,000	\$ 16,038
	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017	6/1/2017	No	\$ 74,911	\$ 1,575,000	\$ 273,972
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016	6/1/2016	No	\$ 339,657	\$ 7,141,250	\$ 1,226,356
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017	6/1/2017	No	\$ 74,911	\$ 1,575,000	\$ 273,972
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016	6/1/2016	No	\$ 224,876	\$ 4,728,000	\$ 811,931
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2018	6/1/2018	6/1/2018		\$ 162,614	\$ 3,300,000	\$ 526,120
	IATAN - Jeffrey Energy Center 345 kv KACP	6/1/2013	6/1/2019	6/1/2019	No	\$ 635,764	\$ 14,089,880	\$ 2,206,700
	IATAN - Jeffrey Energy Center 345 kv WERE	6/1/2013	6/1/2019	6/1/2019	No	\$ 5,810,641	\$ 128,776,067	\$ 17,440,673
	Muskogee - VBI 345 kv with 345/161 kv bus tie at VBI	6/1/2013	6/1/2019	6/1/2019	No	\$ 3,652,468	\$ 129,000,000	\$ 12,259,620
	Total					\$ 10,979,655	\$ 290,335,197	\$ 35,035,381

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
76216479	IATAN - NASHUA 345KV CKT 1	4/1/2013	1/1/2015	1/1/2015	No
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015	1/1/2015	No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014	7/1/2014	No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	4/1/2013	7/1/2014	7/1/2014	No
	Line - NPPD - Axtell - Kansas Border 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Post Rock - Axtell 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015	1/1/2015	No
	Line - Spearville - Post Rock 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015	1/1/2015	No
	Line - Tucco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014	6/1/2014	No
	Line - Tucco - Woodward 345 kv line SPS	4/1/2013	6/1/2014	6/1/2014	No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2013	10/1/2014	10/1/2014	No
	XFR - Post Rock 345/230 kv	4/1/2013	4/1/2013	4/1/2013	No
	XFR - Thistle 345/138 kv	4/1/2013	1/1/2015	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
76216479	Cherry Co - Gentleman 345 kv CKT1	4/1/2013	1/1/2018	1/1/2018	No
	Cherry Co - Holt Co 345 kv CKT1	4/1/2013	1/1/2018	1/1/2018	No
	Cherry Co 345 kv Terminal Upgrades	4/1/2013	1/1/2018	1/1/2018	No
	Device - Northwest Manhattan Cap 115 kv	6/1/2013	6/1/2014	6/1/2014	No
	Elk City 345/230 kv	4/1/2013	3/1/2018	3/1/2018	No
	Elk City to Gracemont 345kv AEPW	4/1/2013	3/1/2018	3/1/2018	No
	Elk City to Gracemont 345kv OKGE	4/1/2013	3/1/2018	3/1/2018	No
	Elm Creek to Summit 345 kv ITGCP	4/1/2013	3/1/2018	3/1/2018	No
	Elm Creek to Summit 345 kv WERE	4/1/2013	3/1/2018	3/1/2018	No
	GEARY 7 345.00 (GEARYX) 345/115/13.8kv TRANSFORMER CKT 1	6/1/2013	6/1/2017	6/1/2017	No
	GREENLEAF - KNOB HILL 115KV CKT 1 WERE	4/1/2013	6/1/2014	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
76216479	BUSHLAND INTERCHANGE - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1	4/1/2013	6/1/2014	6/1/2014	Yes
	FLATROGS 138.00 - HARPER 138KV CKT 1	4/1/2013	6/1/2013	6/1/2013	No
	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	4/1/2013	6/1/2013	6/1/2013	No
	HARPER - MILAN TAP 138KV CKT 1 #1 Accelerate	4/1/2013	6/1/2014	6/1/2014	No
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	4/1/2013	6/1/2015	6/1/2015	No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2013	6/1/2017	6/1/2017	No
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	4/1/2013	6/1/2019	6/1/2019	No
	Mullergren - Reno 345kv Dbl Ckt MKEC	4/1/2013	6/1/2019	6/1/2019	No
	Spearville - Mullergren 345kv Dbl Ckt	4/1/2013	6/1/2019	6/1/2019	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 22 of the SPP OATT

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216479	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		
	Mullergren - Reno 345kv Dbl CKT MKEC	10/1/2012	6/1/2019		
	Mullergren - Reno 345kv Dbl CKT WERE	10/1/2012	6/1/2019		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville - Mullergren 345kv Dbl CKT	10/1/2012	6/1/2019		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216479	HAYS PLANT - VINE STREET 115KV CKT 1	4/1/2013	6/1/2016		No

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
76216479	7JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2013	6/1/2013			\$ 5,386	\$ 100,000
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	4/1/2013	6/1/2014		No	5.42%	100.00%
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	4/1/2013	10/1/2013		No	\$ -	\$ -
	CLINTON - MONTROSE 161KV CKT 1 AEC	6/1/2013	6/1/2014		No	\$ 10,923	\$ 180,000
	NORTH WARSAW - TRUMAN 161KV CKT 1 SWPA #1	6/1/2013	6/1/2014		No	\$ 70,000	\$ 70,000
					Total	\$ 86,309	\$ 350,000

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

*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	WPKE	EES	100	1/1/2014	1/1/2024	6/1/2019	6/1/2029	\$ -	\$ 15,360,000	\$ 12,949,388	\$ 41,640,072
									\$ -	\$ 15,360,000	\$ 12,949,388	\$ 41,640,072

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216442	ADABELL - VBI 161KV CKT 1	6/1/2013	6/1/2016	6/1/2016	No	\$ 6,259	\$ 150,000	\$ 26,326
	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017	6/1/2017	No	\$ 94,446	\$ 1,575,000	\$ 345,417
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2017	6/1/2017	No	\$ 428,231	\$ 7,141,250	\$ 1,546,158
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017	6/1/2017	No	\$ 94,446	\$ 1,575,000	\$ 345,417
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2017	6/1/2017	No	\$ 283,519	\$ 4,728,000	\$ 1,023,665
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2018	6/1/2018	6/1/2018	No	\$ 138,078	\$ 3,300,000	\$ 446,736
	Iatan - Jeffrey Energy Center 345 kv KACP	6/1/2013	6/1/2019	6/1/2019	No	\$ 655,244	\$ 14,089,880	\$ 2,274,314
	Iatan - Jeffrey Energy Center 345 kv WERE	6/1/2013	6/1/2019	6/1/2019	No	\$ 5,988,675	\$ 128,776,067	\$ 17,975,043
	Muskogee - VBI 345 kv with 345/161 kv bus tie at VBI	6/1/2013	6/1/2019	6/1/2019	No	\$ 5,260,490	\$ 129,000,000	\$ 17,656,995
	Total					\$ 12,949,388	\$ 290,335,197	\$ 41,640,072

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	IATAN - NASHUA 345KV CKT 1	4/1/2013	1/1/2015	1/1/2015	No
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015	1/1/2015	No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014	7/1/2014	No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	4/1/2013	7/1/2014	7/1/2014	No
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015	1/1/2015	No
	Line - Tucco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014	6/1/2014	No
	Line - Tucco - Woodward 345 kv line SPS	4/1/2013	6/1/2014	6/1/2014	No
	XFR - Thistle 345/138 kv	4/1/2013	1/1/2015	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	4/1/2013	1/1/2018	1/1/2018	No
	Cherry Co - Holt Co 345 kv Ckt1	4/1/2013	1/1/2018	1/1/2018	No
	Cherry Co 345 kv Terminal Upgrades	4/1/2013	1/1/2018	1/1/2018	No
	Device - Northwest Manhattan Cap 115 kv	6/1/2013	6/1/2014	6/1/2014	No
	Elk City 345/230 kv	4/1/2013	3/1/2018	3/1/2018	No
	Elk City to Gracemont 345kv AEPW	4/1/2013	3/1/2018	3/1/2018	No
	Elk City to Gracemont 345kv OKGE	4/1/2013	3/1/2018	3/1/2018	No
	GEARY 7 345.00 (GEARY1X) 345/115/13.8KV TRANSFORMER CKT 1	6/1/2013	6/1/2017	6/1/2017	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	HARPER - MILAN TAP 138KV CKT 1 #1 Accelerate	4/1/2013	6/1/2014	6/1/2014	No
	HOLT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2013	6/1/2017	6/1/2017	No
	Mullergren - Reno 345kv Dbl Ckt MKEC	4/1/2013	6/1/2019	6/1/2019	No
	Spearville - Mullergren 345kv Dbl Ckt	4/1/2013	6/1/2019	6/1/2019	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	7/1/2012	No
	HUGO POWER PLANT - VALLIANT 345KV CKT 1 WFEC	7/1/2012	7/1/2012	7/1/2012	No
	Mullergren - Reno 345kv Dbl Ckt MKEC	10/1/2012	6/1/2019	6/1/2019	No
	Mullergren - Reno 345kv Dbl Ckt WERE	10/1/2012	6/1/2019	6/1/2019	No
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010	1/1/2010	No
	Spearville - Mullergren 345kv Dbl Ckt	10/1/2012	6/1/2019	6/1/2019	No
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010	1/1/2010	No

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	JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2013	6/1/2013			\$ 4,245	\$ 100,000
	TOVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	4/1/2013	6/1/2014			4.66%	100.00%
	BUFORD \$ 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2016		No	\$ 398,386	\$ 7,650,000
	BUFORD \$ 161.00 - NORFORK 161KV CKT 1	6/1/2014	6/1/2016		No	\$ 283,818	\$ 5,450,000
	CLINTON - MONTROSE 161KV CKT 1 AECI	6/1/2013	6/1/2014			\$ 9,033	\$ 180,000
					Total	\$ 695,482	\$ 13,380,000

*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 AG3-2011-076

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	76216439	WPKE	EES	200	1/1/2014	1/1/2024	6/1/2019	6/1/2029	\$ -	\$ 30,720,000	\$ 25,898,776	\$ 83,280,144
									\$ -	\$ 30,720,000	\$ 25,898,776	\$ 83,280,144

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216439	ADABELL - VBI 161KV CKT 1	6/1/2013	6/1/2016		No	\$ 12,517	\$ 150,000	\$ 52,648
	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017		No	\$ 188,892	\$ 1,575,000	\$ 690,834
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016		No	\$ 856,463	\$ 7,141,250	\$ 3,092,320
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017		No	\$ 188,892	\$ 1,575,000	\$ 690,834
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016		No	\$ 567,037	\$ 4,728,000	\$ 2,047,327
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2018	6/1/2018		No	\$ 276,157	\$ 3,300,000	\$ 893,476
	Iatan - Jeffrey Energy Center 345 kv KACP	6/1/2013	6/1/2019		No	\$ 1,310,487	\$ 14,089,880	\$ 4,548,625
	Iatan - Jeffrey Energy Center 345 kv WERE	6/1/2013	6/1/2019		No	\$ 11,977,350	\$ 128,776,067	\$ 35,950,086
	Muskogee - VBI 345 kv with 345/161 kv bus tie at VBI	6/1/2013	6/1/2019		No	\$ 10,520,981	\$ 129,000,000	\$ 35,313,994
	Total					\$ 25,898,776	\$ 290,335,197	\$ 83,280,144

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
76216439	IATAN - NASHUA 345KV CKT 1	4/1/2013	1/1/2015		No
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbi Ckt SP5	4/1/2013	7/1/2014		No
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015		No
	Line - Tucco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014		No
	Line - Tucco - Woodward 345 kv line SP5	4/1/2013	6/1/2014		No
	XFR - Thistle 345/138 kv	4/1/2013	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
76216439	Cherry Co - Gentleman 345 kv Ckt1	4/1/2013	1/1/2018		No
	Cherry Co - Holt Co 345 kv Ckt1	4/1/2013	1/1/2018		No
	Cherry Co 345 kv Terminal Upgrades	4/1/2013	1/1/2018		No
	Device - Northwest Manhattan Cap 115 kv	6/1/2013	6/1/2014		No
	Elk City 345/230 kv	4/1/2013	3/1/2018		No
	Elk City to Gracemont 345kv AEPW	4/1/2013	3/1/2018		No
	Elk City to Gracemont 345kv OKGE	4/1/2013	3/1/2018		No
	GEARY 7 345.00 (GEARY1X) 345/115/13.8KV TRANSFORMER CKT 1	6/1/2013	6/1/2017		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
76216439	HARPER - MILAN TAP 138KV CKT 1 #1 Accelerate	4/1/2013	6/1/2014		No
	HOLT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2013	6/1/2017		No
	Mullergren - Reno 345kv Dbl Ckt MKEC	4/1/2013	6/1/2019		No
	Spearville - Mullergren 345kv Dbl Ckt	4/1/2013	6/1/2019		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
76216439	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		
	Mullergren - Reno 345kv Dbl Ckt MKEC	10/1/2012	6/1/2019		
	Mullergren - Reno 345kv Dbl Ckt WERE	10/1/2012	6/1/2019		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville - Mullergren 345kv Dbl Ckt	10/1/2012	6/1/2019		
	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
76216439	JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2013	6/1/2013			\$ 8,489	\$ 100,000
	TOVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	4/1/2013	6/1/2014			9.33%	100.00%
	BUFORD \$ 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2016		No	\$ 796,773	\$ 7,650,000
	BUFORD \$ 161.00 - NORFORK 161KV CKT 1	6/1/2014	6/1/2016		No	\$ 567,636	\$ 5,450,000
	CLINTON - MONTROSE 161KV CKT 1 AECI	6/1/2013	6/1/2014			\$ 18,066	\$ 180,000
					Total	\$ 1,390,964	\$ 13,380,000

*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 AG3-2011-077

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	76216437	WPKE	EES	200	1/1/2014	1/1/2024	6/1/2019	6/1/2029	\$ -	\$ 30,720,000	\$ 25,898,776	\$ 83,280,144
									\$ -	\$ 30,720,000	\$ 25,898,776	\$ 83,280,144

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216437	ADABELL - VBI 161KV CKT 1	6/1/2013	6/1/2016		No	\$ 12,517	\$ 150,000	\$ 52,648
	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017		No	\$ 188,892	\$ 1,575,000	\$ 690,834
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016		No	\$ 856,463	\$ 7,141,250	\$ 3,092,320
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017		No	\$ 188,892	\$ 1,575,000	\$ 690,834
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016		No	\$ 567,037	\$ 4,728,000	\$ 2,047,327
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2018	6/1/2018		No	\$ 276,157	\$ 3,300,000	\$ 893,476
	Iatan - Jeffrey Energy Center 345 kv KACP	6/1/2013	6/1/2019		No	\$ 1,310,487	\$ 14,089,880	\$ 4,548,625
	Iatan - Jeffrey Energy Center 345 kv WERE	6/1/2013	6/1/2019		No	\$ 11,977,350	\$ 128,776,067	\$ 35,950,086
	Muskogee - VBI 345 kv with 345/161 kv bus tie at VBI	6/1/2013	6/1/2019		No	\$ 10,520,981	\$ 129,000,000	\$ 35,313,994
	Total					\$ 25,898,776	\$ 290,335,197	\$ 83,280,144

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
76216437	IATAN - NASHUA 345KV CKT 1	4/1/2013	1/1/2015		No
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbi Ckt SP5	4/1/2013	7/1/2014		No
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015		No
	Line - Tucco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014		No
	Line - Tucco - Woodward 345 kv line SP5	4/1/2013	6/1/2014		No
	XFR - Thistle 345/138 kv	4/1/2013	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
76216437	Cherry Co - Gentleman 345 kv Ckt1	4/1/2013	1/1/2018		No
	Cherry Co - Holt Co 345 kv Ckt1	4/1/2013	1/1/2018		No
	Cherry Co 345 kv Terminal Upgrades	4/1/2013	1/1/2018		No
	Device - Northwest Manhattan Cap 115 kv	6/1/2013	6/1/2014		
	Elk City 345/230 kv	4/1/2013	3/1/2018		
	Elk City to Gracemont 345kv AEPW	4/1/2013	3/1/2018		
	Elk City to Gracemont 345kv OKGE	4/1/2013	3/1/2018		
	GEARY 7 345.00 (GEARY1X) 345/115/13.8KV TRANSFORMER CKT 1	6/1/2013	6/1/2017		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
76216437	HARPER - MILAN TAP 138KV CKT 1 #1 Accelerate	4/1/2013	6/1/2014		
	HOLT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2013	6/1/2017		No
	Mullergren - Reno 345kv Dbl Ckt MKEC	4/1/2013	6/1/2019		No
	Spearville - Mullergren 345kv Dbl Ckt	4/1/2013	6/1/2019		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
76216437	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		
	Mullergren - Reno 345kv Dbl Ckt MKEC	10/1/2012	6/1/2019		
	Mullergren - Reno 345kv Dbl Ckt WERE	10/1/2012	6/1/2019		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville - Mullergren 345kv Dbl Ckt	10/1/2012	6/1/2019		
	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
76216437	JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2013	6/1/2013			\$ 8,489	\$ 100,000
	TOVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	4/1/2013	6/1/2014			9.33%	100.00%
	BUFORD \$ 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2016		No	\$ 796,773	\$ 7,650,000
	BUFORD \$ 161.00 - NORFORK 161KV CKT 1	6/1/2014	6/1/2016		No	\$ 567,636	\$ 5,450,000
	CLINTON - MONTROSE 161KV CKT 1 AECI	6/1/2013	6/1/2014			\$ 18,066	\$ 180,000
					Total	\$ 1,390,964	\$ 13,380,000

*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	FOR	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	1/1/2013	1/1/2033	6/1/2019	6/1/2039	\$	\$ 30,720,000	\$ 12,669,884	\$ 56,208,050
									\$	\$ 30,720,000	\$ 12,669,884	\$ 56,208,050

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76143887	ADABELL - VBI 161KV CKT 1	6/1/2013	6/1/2016	6/1/2016	No	\$ 5,887	\$ 150,000	\$ 35,207
	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017	6/1/2017	No	\$ 84,378	\$ 1,575,000	\$ 413,204
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016	6/1/2016	No	\$ 382,580	\$ 7,141,250	\$ 1,849,580
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017	6/1/2017	No	\$ 84,378	\$ 1,575,000	\$ 413,204
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016	6/1/2016	No	\$ 253,294	\$ 4,728,000	\$ 1,224,548
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2018	6/1/2018	6/1/2018		\$ 117,269	\$ 3,300,000	\$ 556,470
	HAYS PLANT - VINE STREET 115KV CKT 1	4/1/2013	6/1/2016	6/1/2016	No	\$ 53,455	\$ 129,375	\$ 218,670
	Iatan - Jeffrey Energy Center 345 KV WACP	6/1/2013	6/1/2019	6/1/2019	No	\$ 675,771	\$ 14,089,880	\$ 3,318,008
	Iatan - Jeffrey Energy Center 345 KV WERE	6/1/2013	6/1/2019	6/1/2019	No	\$ 6,176,289	\$ 128,776,067	\$ 24,988,737
	Muskogee - VBI 345 kv with 345/161 kv bus tie at VBI	6/1/2013	6/1/2019	6/1/2019	No	\$ 4,836,583	\$ 129,000,000	\$ 23,190,421
	Total					\$ 12,669,884	\$ 290,464,572	\$ 56,208,050

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
76143887	IATAN - NASHUA 345KV CKT 1	4/1/2013	1/1/2015	1/1/2015	No
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015	1/1/2015	No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014	7/1/2014	No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	4/1/2013	7/1/2014	7/1/2014	No
	Line - NPPD - Axtell - Kansas Border 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Post Rock - Axtell 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015	1/1/2015	No
	Line - Spearville - Post Rock 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015	1/1/2015	No
	Line - Tucco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014	6/1/2014	No
	Line - Tucco - Woodward 345 kv line SPS	4/1/2013	6/1/2014	6/1/2014	No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2013	10/1/2014	10/1/2014	No
	XFR - Post Rock 345/230 kv	4/1/2013	4/1/2013	4/1/2013	No
	XFR - Thistle 345/138 kv	4/1/2013	1/1/2015	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	4/1/2013	1/1/2018	1/1/2018	No
	Cherry Co - Holt Co 345 kv Ckt1	4/1/2013	1/1/2018	1/1/2018	No
	Cherry Co 345 kv Terminal Upgrades	4/1/2013	1/1/2018	1/1/2018	No
	Device - Northwest Manhattan Cap 115 kv	6/1/2013	6/1/2014	6/1/2014	No
	Elk City 345/230 kv	4/1/2013	3/1/2018	3/1/2018	Yes
	Elk City to Gracemont 345kv AEPW	4/1/2013	3/1/2018	3/1/2018	Yes
	Elk City to Gracemont 345kv OKGE	4/1/2013	3/1/2018	3/1/2018	Yes
	Elm Creek to Summit 345 kv TCGP	4/1/2013	3/1/2018	3/1/2018	No
	Elm Creek to Summit 345 kv WERE	4/1/2013	3/1/2018	3/1/2018	No
	GEARY 7 345.00 (GEARYX) 345/115/13.8KV TRANSFORMER CKT 1	6/1/2013	6/1/2017	6/1/2017	No
	GREENLEAF - KNOB HILL 115KV CKT 1 WERE	4/1/2013	6/1/2014	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
76143887	BUSHLAND INTERCHANGE - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1	4/1/2013	6/1/2014	6/1/2014	Yes
	FLATRDG3 138.00 - HARPER 138KV CKT 1	4/1/2013	6/1/2013	6/1/2013	No
	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	4/1/2013	6/1/2013	6/1/2013	No
	HARPER - MILAN TAP 138KV CKT 1 #1 Accelerate	4/1/2013	6/1/2014	6/1/2014	No
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	4/1/2013	6/1/2015	6/1/2015	No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2013	6/1/2017	6/1/2017	No
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	4/1/2013	6/1/2019	6/1/2019	No
	Mullergren - Reno 345KV DBI CKT MKEC	4/1/2013	6/1/2019	6/1/2019	No
	Spearville - Mullergren 345KV DBI CKT	4/1/2013	6/1/2019	6/1/2019	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
76143887	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		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	Mullergren - Reno 345kv Dbi CKT MKEC	10/1/2012	6/1/2019		
	Mullergren - Reno 345kv Dbi CKT WERE	10/1/2012	6/1/2019		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville - Mullergren 345KV Dbi CKT	10/1/2012	6/1/2019		
	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	JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2013	6/1/2013			\$ 3,609	\$ 100,000
	TOVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	4/1/2013	6/1/2014		No	\$ 5,13%	\$ 100,000%
	CLINTON - MONTROSE 161KV CKT 1 AECI	6/1/2013	6/1/2014		No	\$ 9,594	\$ 180,000
					Total	\$ 13,203	\$ 280,000

*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	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	100	1/1/2013	1/1/2033	6/1/2019	6/1/2039	\$ -	\$ 30,720,000	\$ 12,669,884	\$ 56,208,050
							\$ -	\$ 30,720,000	\$ 12,669,884	\$ 56,208,050

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76143889	ADABELL - VBI 161KV CKT 1	6/1/2013	6/1/2016	6/1/2016	No	\$ 5,887	\$ 150,000	\$ 35,207
	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017	6/1/2017	No	\$ 84,378	\$ 1,575,000	\$ 413,204
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016	6/1/2016	No	\$ 382,580	\$ 7,141,250	\$ 1,849,580
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017	6/1/2017	No	\$ 84,378	\$ 1,575,000	\$ 413,204
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016	6/1/2016	No	\$ 253,294	\$ 4,728,000	\$ 1,224,548
	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2018	6/1/2018	6/1/2018		\$ 117,269	\$ 3,300,000	\$ 556,470
	HAYS PLANT - VINE STREET 115KV CKT 1	4/1/2013	6/1/2016	6/1/2016	No	\$ 53,455	\$ 129,375	\$ 218,670
	Iatan - Jeffrey Energy Center 345 KV WACP	6/1/2013	6/1/2019	6/1/2019	No	\$ 675,771	\$ 14,089,880	\$ 3,318,008
	Iatan - Jeffrey Energy Center 345 KV WERE	6/1/2013	6/1/2019	6/1/2019	No	\$ 6,176,289	\$ 128,776,067	\$ 24,988,737
	Muskogee - VBI 345 kv with 345/161 kv bus tie at VBI	6/1/2013	6/1/2019	6/1/2019	No	\$ 4,836,583	\$ 129,000,000	\$ 23,190,421
	Total					\$ 12,669,884	\$ 290,464,572	\$ 56,208,050

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
76143889	IATAN - NASHUA 345KV CKT 1	4/1/2013	1/1/2015	1/1/2015	No
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015	1/1/2015	No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014	7/1/2014	No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	4/1/2013	7/1/2014	7/1/2014	No
	Line - NPPD - Axtell - Kansas Border 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Post Rock - Axtell 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015	1/1/2015	No
	Line - Spearville - Post Rock 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015	1/1/2015	No
	Line - Tucco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014	6/1/2014	No
	Line - Tucco - Woodward 345 kv line SPS	4/1/2013	6/1/2014	6/1/2014	No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2013	10/1/2014	10/1/2014	No
	XFR - Post Rock 345/230 kv	4/1/2013	4/1/2013	4/1/2013	No
	XFR - Thistle 345/138 kv	4/1/2013	1/1/2015	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	4/1/2013	1/1/2018	1/1/2018	No
	Cherry Co - Holt Co 345 kv Ckt1	4/1/2013	1/1/2018	1/1/2018	No
	Cherry Co 345 kv Terminal Upgrades	4/1/2013	1/1/2018	1/1/2018	No
	Device - Northwest Manhattan Cap 115 kv	6/1/2013	6/1/2014	6/1/2014	No
	Elk City 345/230 kv	4/1/2013	3/1/2018	3/1/2018	Yes
	Elk City to Gracemont 345kv AEPW	4/1/2013	3/1/2018	3/1/2018	Yes
	Elk City to Gracemont 345kv OKGE	4/1/2013	3/1/2018	3/1/2018	Yes
	Elm Creek to Summit 345 kv TCGP	4/1/2013	3/1/2018	3/1/2018	No
	Elm Creek to Summit 345 kv WERE	4/1/2013	3/1/2018	3/1/2018	No
	GEARY 7 345.00 (GEARYX) 345/115/13.8KV TRANSFORMER CKT 1	6/1/2013	6/1/2017	6/1/2017	No
	GREENLEAF - KNOB HILL 115KV CKT 1 WERE	4/1/2013	6/1/2014	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
76143889	BUSHLAND INTERCHANGE - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1	4/1/2013	6/1/2014	6/1/2014	Yes
	FLATRDG3 138.00 - HARPER 138KV CKT 1	4/1/2013	6/1/2013	6/1/2013	No
	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	4/1/2013	6/1/2013	6/1/2013	No
	HARPER - MILAN TAP 138KV CKT 1 #1 Accelerate	4/1/2013	6/1/2014	6/1/2014	No
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	4/1/2013	6/1/2015	6/1/2015	No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2013	6/1/2017	6/1/2017	No
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	4/1/2013	6/1/2019	6/1/2019	No
	Mullergren - Reno 345KV DBI CKT MKEC	4/1/2013	6/1/2019	6/1/2019	No
	Spearville - Mullergren 345KV DBI CKT	4/1/2013	6/1/2019	6/1/2019	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
76143889	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		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	Mullergren - Reno 345kv Dbi CKT MKEC	10/1/2012	6/1/2019		
	Mullergren - Reno 345kv Dbi CKT WERE	10/1/2012	6/1/2019		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearsville - Mullergren 345KV Dbi CKT	10/1/2012	6/1/2019		
	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	JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2013	6/1/2013			\$ 3,609	\$ 100,000
	TOVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	4/1/2013	6/1/2014		No	\$ 5,13%	\$ 100,000%
	CLINTON - MONTROSE 161KV CKT 1 AECI	6/1/2013	6/1/2014		No	\$ 9,594	\$ 180,000
					Total	\$ 13,203	\$ 280,000

*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 AG3-2011-046

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
FPLP	76216532	CSWS	AECI	100	1/1/2013	1/1/2033	6/1/2019	6/1/2039	\$ -	\$ 21,072,000	\$ 11,553,315	\$ 53,877,181
									\$ -	\$ 21,072,000	\$ 11,553,315	\$ 53,877,181

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216532	ADABELL - VBI 161KV CKT 1	6/1/2013	6/1/2016	6/1/2016	No	\$ 6,319	\$ 150,000	\$ 37,791
	GRDAIL - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2018	6/1/2018	6/1/2018	No	\$ 181,135	\$ 3,300,000	\$ 859,529
	HOBART - HOBART JUNCTION 69KV CKT 1 #1	6/1/2013	6/1/2016	6/1/2016	No	\$ 926,171	\$ 1,860,000	\$ 5,853,209
	Iatan - Jeffrey Energy Center 345 KV KACP	6/1/2013	6/1/2019	6/1/2019	No	\$ 435,337	\$ 14,089,880	\$ 2,137,487
	Iatan - Jeffrey Energy Center 345 KV WERE	6/1/2013	6/1/2019	6/1/2019	No	\$ 3,978,811	\$ 128,776,067	\$ 16,097,929
	Muskogee - VBI 345 kv with 345/161 kv bus tie at VBI	6/1/2013	6/1/2019	6/1/2019	No	\$ 6,025,542	\$ 129,000,000	\$ 28,891,235
					Total	\$ 11,553,315	\$ 277,175,947	\$ 53,877,181

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216532	IATAN - NASHUA 345KV CKT 1	4/1/2013	1/1/2015	1/1/2015	No
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015	1/1/2015	No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014	7/1/2014	No
	Line - Hitchland - Woodward 345 kv dbi Ckt SP5	4/1/2013	7/1/2014	7/1/2014	No
	Line - NIPPO - Axtell - Kansas border 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Post Rock - Axtell 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015	1/1/2015	No
	Line - Spearville - Post Rock 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015	1/1/2015	No
	Line - Tucco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014	6/1/2014	No
	Line - Tucco - Woodward 345 kv line SP5	4/1/2013	6/1/2014	6/1/2014	No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2013	10/1/2014	10/1/2014	No
	XFR - Post Rock 345/230 kv	4/1/2013	4/1/2013	4/1/2013	No
	XFR - Thistle 345/138 kv	4/1/2013	1/1/2015	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
76216532	Cherry Co - Gentleman 345 kv CKT1	4/1/2013	1/1/2018	1/1/2018	No
	Cherry Co - Holt Co 345 kv Ckt1	4/1/2013	1/1/2018	1/1/2018	No
	Cherry Co 345 kv Terminal Upgrades	4/1/2013	1/1/2018	1/1/2018	No
	Device - Northwest Manhattan Cap 115 kv	6/1/2013	6/1/2014	6/1/2014	No
	Elk City 345/230 kv	4/1/2013	3/1/2018	3/1/2018	No
	Elk City to Gracemont 345kv AEPW	4/1/2013	3/1/2018	3/1/2018	No
	Elk City to Gracemont 345kv OKGE	4/1/2013	3/1/2018	3/1/2018	No
	GEARY 7 345.00 (GEARY1X) 345/115/13.8KV TRANSFORMER CKT 1	6/1/2013	6/1/2017	6/1/2017	No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216532	BEAVER - EUREKA SPRINGS 161KV CKT 1 AEPW	6/1/2013	6/1/2015	6/1/2015	No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2013	6/1/2017	6/1/2017	No
	Mullergren - Reno 345kv Dbl Ckt MKEC	4/1/2013	6/1/2019	6/1/2019	No
	Spearville - Mullergren 345kv Dbl Ckt	4/1/2013	6/1/2019	6/1/2019	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
76216532	CHERINS - 230.00 - Herrington Station East Bus 230KV CKT 1	6/1/2015	6/1/2015		
	GRACMINT4 138.00 - WASHITA 138KV CKT 2 OKGE	1/1/2012	1/1/2012		
	GRACMINT4 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		
	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 - WOODWARD EHV 138KV CKT 2	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
76216532	JIASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2013	6/1/2013			\$ 4,878	\$ 100,000
	TOVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	4/1/2013	6/1/2014		No	3.03%	100.00%
	BEAVER - EUREKA SPRINGS 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	-	-
	BUFORD S 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2016		No	\$ 400,891	\$ 7,650,000
	BUFORD S 161.00 - NORFORK 161KV CKT 1	6/1/2014	6/1/2016		No	\$ 285,602	\$ 5,450,000
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	4/1/2013	10/1/2013		No	\$ -	\$ -
					Total	\$ 691,371	\$ 13,200,000

*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	\$ 11,957,826	\$ 56,460,915
									\$	\$ 30,720,000	\$ 11,957,826	\$ 56,460,915

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216533	ADABELL - VBI 161KV CKT 1	6/1/2013	6/1/2016	6/1/2016	No	\$ 8,388	\$ 150,000	\$ 50,165
	GRDAIL - SILOAM SPRINGS TAP 345KV CKT 1	6/1/2018	6/1/2018	6/1/2018	No	\$ 159,048	\$ 3,300,000	\$ 754,721
	HOBART - HOBART JUNCTION 69KV CKT 1 #1	6/1/2013	6/1/2016	6/1/2016	No	\$ 933,829	\$ 1,860,000	\$ 5,901,606
	Iatan - Jeffrey Energy Center 345 KV KACP	6/1/2013	6/1/2019	6/1/2019	No	\$ 341,871	\$ 14,089,880	\$ 1,678,573
	Iatan - Jeffrey Energy Center 345 KV WERE	6/1/2013	6/1/2019	6/1/2019	No	\$ 3,124,569	\$ 128,776,067	\$ 12,641,739
	Muskogee - VBI 345 kv with 345/161 kv bus tie at VBI	6/1/2013	6/1/2019	6/1/2019	No	\$ 7,390,121	\$ 129,000,000	\$ 35,434,111
						\$	\$	\$
						\$ 11,957,826	\$ 277,175,947	\$ 56,460,915

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	IATAN - NASHUA 345KV CKT 1	4/1/2013	1/1/2015	1/1/2015	No
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015	1/1/2015	No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014	7/1/2014	No
	Line - Hitchland - Woodward 345 kv dbi Ckt SP5	4/1/2013	7/1/2014	7/1/2014	No
	Line - NIPPO - Axtell - Kansas border 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Post Rock - Axtell 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015	1/1/2015	No
	Line - Spearville - Post Rock 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015	1/1/2015	No
	Line - Tucco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014	6/1/2014	No
	Line - Tucco - Woodward 345 kv line SP5	4/1/2013	6/1/2014	6/1/2014	No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2013	10/1/2014	10/1/2014	No
	XFR - Post Rock 345/230 kv	4/1/2013	4/1/2013	4/1/2013	No
	XFR - Thistle 345/138 kv	4/1/2013	1/1/2015	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
76216533	Cherry Co - Gentleman 345 kv CKT1	4/1/2013	1/1/2018	1/1/2018	No
	Cherry Co - Holt Co 345 kv Ckt1	4/1/2013	1/1/2018	1/1/2018	No
	Cherry Co 345 kv Terminal Upgrades	4/1/2013	1/1/2018	1/1/2018	No
	Device - Northwest Manhattan Cap 115 kv	6/1/2013	6/1/2014	6/1/2014	No
	Elk City 345/230 kv	4/1/2013	3/1/2018	3/1/2018	No
	Elk City to Gracemont 345kv AEPW	4/1/2013	3/1/2018	3/1/2018	No
	Elk City to Gracemont 345kv OKGE	4/1/2013	3/1/2018	3/1/2018	No
	GEARY 7 345.00 (GEARY1X) 345/115/13.8KV TRANSFORMER CKT 1	6/1/2013	6/1/2017	6/1/2017	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
76216533	S TRIBES - PECAN CREEK 161KV CKT 1 Accelerate	6/1/2014	6/1/2015	6/1/2015	No
	BEAVER - EUREKA SPRINGS 161KV CKT 1 AEPW	6/1/2013	6/1/2015	6/1/2015	No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2013	6/1/2017	6/1/2017	No
	Mullergren - Reno 345kv Dbl CKT MKEC	4/1/2013	6/1/2019	6/1/2019	No
	Spearville - Mullergren 345kv Dbl CKT	4/1/2013	6/1/2019	6/1/2019	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
76216533	CHERINS - 230.00 - Herrington Station East Bus 230KV CKT 1	6/1/2015	6/1/2015		
	GRACMINT4 138.00 - WASHITA 138KV CKT 2 OKGE	1/1/2012	1/1/2012		
	GRACMINT4 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		
	WOODWARD - WOODWARD EHV 138KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD - WOODWARD EHV 138KV CKT 2	1/1/2010	1/1/2010		
	WOODWARD 345/138KV TRANSFORMER CKT 1	1/1/2010	1/1/2010		

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	6/1/2013	6/1/2013			\$ 4,106	\$ 100,000
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	4/1/2013	6/1/2014		No	\$ 2.92%	\$ 100.00%
	BEAVER - EUREKA SPRINGS 161KV CKT 1 SWPA	6/1/2013	6/1/2015		No	\$ -	\$ -
	BUFORD S 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2016		No	\$ 424,735	\$ 7,650,000
	BUFORD S 161.00 - NORFORK 161KV CKT 1	6/1/2014	6/1/2016		No	\$ 302,589	\$ 5,450,000
					Total	\$ 731,430	\$ 13,200,001

*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	FOR	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	6/1/2018	11/1/2038	\$ 8,584,677	\$ -	\$ 8,584,677	\$ 26,877,411
									\$ 8,584,677	\$ -	\$ 8,584,677	\$ 26,877,411

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	CANYON EAST SUB - CANYON WEST SUB 115KV CKT 1	4/1/2013	6/1/2016		Yes	\$ 1,465,735	\$ -	\$ 1,465,735	\$ 2,219,350	\$ 4,589,142
	CANYON EAST SUB - RANDALL COUNTY INTERCHANGE 115KV CKT 1	4/1/2013	6/1/2016		Yes	\$ 7,073,254	\$ -	\$ 7,073,254	\$ 10,710,000	\$ 22,146,001
	Line - Osage Station and Line Re-termination Accelerate	4/1/2013	6/1/2015		Yes	\$ 45,688	\$ -	\$ 45,688	\$ 92,540	\$ 142,267
					Total	\$ 8,584,677	\$ -	\$ 8,584,677	\$ 13,021,890	\$ 26,877,411

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	ALLEN SUB - LUBBOCK SOUTH INTERCHANGE 115KV CKT 1	6/1/2019	6/1/2019		
	BAILEY COUNTY INTERCHANGE - CURRY COUNTY INTERCHANGE 115KV CKT 1	4/1/2013	6/1/2015		Yes
	CARLISLE INTERCHANGE - MURPHY SUB 115KV CKT 1	6/1/2021	6/1/2021		
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	4/1/2013	7/1/2014		No
	Line - NIPO - Axtell - Kansas border 345 kv	4/1/2013	6/1/2013		No
	Line - Post Rock - Axtell 345 kv	4/1/2013	6/1/2013		No
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015		No
	Line - Spearville - Post Rock 345 kv	4/1/2013	6/1/2013		No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015		No
	Line - Tucco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014		No
	Line - Tucco - Woodward 345 kv line SPS	4/1/2013	6/1/2014		No
	NEWHART INTERCHANGE PROJECT	4/1/2013	6/1/2015		Yes
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2013	10/1/2014		No
	XFR - Post Rock 345/230 kv	4/1/2013	4/1/2013		
	XFR - Thistle 345/138 kv	4/1/2013	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
76214890	Elk City 345/230 kv	4/1/2013	3/1/2018		Yes
	Elk City to Gracemont 345kv AEPW	4/1/2013	3/1/2018		Yes
	Elk City to Gracemont 345kv OKGE	4/1/2013	3/1/2018		Yes
	HOBBS INTERCHANGE 230/115KV TRANSFORMER CKT 2	4/1/2013	12/1/2013		Yes
	Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1	6/1/2018	6/1/2018		
	LUBBOCK SOUTH INTERCHANGE 230/115/13.2KV TRANSFORMER CKT 2	6/1/2014	6/1/2018		Yes
	RANDALL COUNTY INTERCHANGE 230/115/13.2KV TRANSFORMER CKT 2	4/1/2013	6/1/2013		Yes
	XFR - Deaf Smith CKT1 and CKT2	6/1/2013	6/1/2016		

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
76214890	BUSHLAND INTERCHANGE - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1	4/1/2013	6/1/2014		Yes
	Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2	6/1/2014	6/1/2015		Yes

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

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 - 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	6/1/2018	7/1/2048	\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76214894	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
76214894	ALLEN SUB - LUBBOCK SOUTH INTERCHANGE 115KV CKT 1			6/1/2019	6/1/2019
	BAILEY COUNTY INTERCHANGE - CURRY COUNTY INTERCHANGE 115KV CKT 1			4/1/2013	6/1/2015
	CARLSLE INTERCHANGE - MURPHY SUB 115KV CKT 1			6/1/2021	
	NEWHART INTERCHANGE PROJECT			4/1/2013	6/1/2015

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
76214894	Elk City 345/230 KV			4/1/2013	3/1/2018
	Elk City to Gracemont 345KV AEPW			4/1/2013	3/1/2018
	Elk City to Gracemont 345KV OKGE			4/1/2013	3/1/2018
	Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1			6/1/2018	6/1/2018
	LUBBOCK EAST INTERCHANGE - LUBBOCK SOUTH INTERCHANGE 115KV CKT 1			6/1/2018	6/1/2018
	LUBBOCK SOUTH INTERCHANGE 230/115/13.2KV TRANSFORMER CKT 2			6/1/2014	6/1/2018
	XFR - Deaf Smith CKT1 and CKT2			6/1/2013	6/1/2016

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	FOR	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	6/1/2016	6/1/2046	\$ -	\$ 31,608,000	\$ 4,778,772	\$ 19,066,263
									\$ -	\$ 31,608,000	\$ 4,778,772	\$ 19,066,263

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	6/1/2016		Yes	\$ 1,410,147	\$ 2,287,500	\$ 6,161,665
	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #2	6/1/2013	6/1/2016		Yes	\$ 482,367	\$ 3,294,000	\$ 2,107,712
	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	6/1/2018	6/1/2018			\$ 2,886,258	\$ 11,250,000	\$ 10,796,887
	Total					\$ 4,778,772	\$ 16,831,500	\$ 19,066,263

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	4/1/2013	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
76210042	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #1	6/1/2014	6/1/2014		
	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1	6/1/2014	6/1/2014		
	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #1	6/1/2013	6/1/2014		Yes

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76210042	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 22 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 - SIBLEYPL 161.00 161KV CKT 1	6/1/2014	6/1/2014			72.69%	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	6/1/2039	\$ 4,543,132	\$ -	\$ 4,543,132	\$ 18,966,022
									\$ 4,543,132	\$ -	\$ 4,543,132	\$ 18,966,022

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216053	BLUE SPRINGS SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #2 Accelerate	6/1/2014	6/1/2016			\$ 43,635	\$ 2,287,500	\$ 210,107
	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017		No	\$ 25,801	\$ 1,575,000	\$ 126,349
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016		No	\$ 116,984	\$ 7,141,250	\$ 565,558
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017		No	\$ 25,801	\$ 1,575,000	\$ 126,349
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016		No	\$ 77,451	\$ 4,728,000	\$ 374,436
	HAYS PLANT - VINE STREET 115KV CKT 1	4/1/2013	6/1/2016		No	\$ 179	\$ 129,375	\$ 732
	Iatan - Jeffrey Energy Center 345 kv KACP	6/1/2013	6/1/2019		No	\$ 328,299	\$ 14,089,880	\$ 1,611,935
	Iatan - Jeffrey Energy Center 345 kv WERE	6/1/2013	6/1/2019		No	\$ 3,000,525	\$ 128,776,067	\$ 12,139,868
	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	6/1/2018	6/1/2018			\$ 924,457	\$ 11,250,000	\$ 3,810,687
Total						\$ 4,543,132	\$ 171,552,072	\$ 18,966,022

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	IATAN - NASHUA 345KV CKT 1	4/1/2013	1/1/2015		No
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	4/1/2013	7/1/2014		No
	Line - NPPD - Axtell - Kansas Border 345 kv	4/1/2013	6/1/2013		
	Line - Post Rock - Axtell 345 kv	4/1/2013	6/1/2013		
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015		No
	Line - Spearville - Post Rock 345 kv	4/1/2013	6/1/2013		
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015		No
	Line - Tucco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014		No
	Line - Tucco - Woodward 345 kv line SPS	4/1/2013	6/1/2014		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2013	10/1/2014		No
	XFR - Post Rock 345/230 kv	4/1/2013	4/1/2013		
	XFR - Thistle 345/138 kv	4/1/2013	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 SPRINGS SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #1	6/1/2014	6/1/2014		
	BLUE SPRINGS SOUTH - PRAIRIE LEE 161KV CKT 1 #1	6/1/2014	6/1/2014		
	Cherry Co - Gentleman 345 kv Ckt1	4/1/2013	1/1/2018		No
	Cherry Co - Holt Co 345 kv Ckt1	4/1/2013	1/1/2018		No
	Cherry Co 345 kv Terminal Upgrades	4/1/2013	1/1/2018		No
	Device - Northwest Manhattan Cap 115 kv	6/1/2013	6/1/2014		No
	Elk City 345/230 kv	4/1/2013	3/1/2018		No
	Elk City to Gracemont 345kv AEPW	4/1/2013	3/1/2018		No
	Elk City to Gracemont 345kv OKGE	4/1/2013	3/1/2018		No
	Elm Creek to Summit 345 kv ITCGP	4/1/2013	3/1/2018		No
	Elm Creek to Summit 345 kv WERE	4/1/2013	3/1/2018		No
	GEARY 7 345.00 (GEARY1X) 345/115/13.8KV TRANSFORMER CKT 1	6/1/2013	6/1/2017		No
	GREENLEAF - KNOB HILL 115KV CKT 1 WERE	4/1/2013	6/1/2014		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 - PRAIRIE LEE 161KV CKT 1 #2 Accelerate	6/1/2014	6/1/2016		
	BUSHLAND INTERCHANGE - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1	4/1/2013	6/1/2014		Yes
	FLATRDG3 138.00 - HARPER 138KV CKT 1	4/1/2013	6/1/2013		No
	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	4/1/2013	6/1/2013		No
	HARPER - MILAN TAP 138KV CKT 1 #1 Accelerate	4/1/2013	6/1/2014		No
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	4/1/2013	6/1/2015		No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2013	6/1/2017		No
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	4/1/2013	6/1/2019		No
	Mullergren - Reno 345KV Dbl CKT MKEC	4/1/2013	6/1/2019		No
	Spearville - Mullergren 345KV Dbl CKT	4/1/2013	6/1/2019		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	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		
	Mullergren - Reno 345KV Dbl CKT MKEC	10/1/2012	6/1/2019		
	Mullergren - Reno 345KV Dbl CKT WERE	10/1/2012	6/1/2019		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville - Mullergren 345KV Dbl CKT	10/1/2012	6/1/2019		
	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
76216053	7JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2013	6/1/2013			\$ 458	\$ 100,000
					Total	\$ 458	\$ 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	6/1/2039	\$ 7,495,024	\$ -	\$ 7,495,024	\$ 31,300,700
									\$ 7,495,024	\$ -	\$ 7,495,024	\$ 31,300,700

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76216066	BLUE SPRINGS SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #2 Accelerate	6/1/2014	6/1/2016			\$ 69,697	\$ 2,287,500	\$ 335,599
	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017		No	\$ 44,385	\$ 1,575,000	\$ 217,356
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016		No	\$ 201,248	\$ 7,141,250	\$ 972,932
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017		No	\$ 44,385	\$ 1,575,000	\$ 217,356
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016		No	\$ 133,240	\$ 4,728,000	\$ 644,148
	HAYS PLANT - VINE STREET 115KV CKT 1	4/1/2013	6/1/2016		No	\$ 2,246	\$ 129,375	\$ 9,188
	Iatan - Jeffrey Energy Center 345 kv KACP	6/1/2013	6/1/2019		No	\$ 548,075	\$ 14,089,880	\$ 2,691,026
	Iatan - Jeffrey Energy Center 345 kv WERE	6/1/2013	6/1/2019		No	\$ 5,009,191	\$ 138,776,067	\$ 20,266,758
	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	6/1/2018	6/1/2018			\$ 1,442,557	\$ 11,250,000	\$ 5,946,337
	Total					\$ 7,495,024	\$ 171,552,072	\$ 31,300,700

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	IATAN - NASHUA 345KV CKT 1	4/1/2013	1/1/2015		No
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	4/1/2013	7/1/2014		No
	Line - NPPD - Axtell - Kansas Border 345 kv	4/1/2013	6/1/2013		
	Line - Post Rock - Axtell 345 kv	4/1/2013	6/1/2013		
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015		No
	Line - Spearville - Post Rock 345 kv	4/1/2013	6/1/2013		
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015		No
	Line - Tucco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014		No
	Line - Tucco - Woodward 345 kv line SPS	4/1/2013	6/1/2014		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2013	10/1/2014		No
	PRATT - ST JOHN 115KV CKT 1	4/1/2013	4/1/2013		
	XFR - Post Rock 345/230 kv	4/1/2013	4/1/2013		
	XFR - Thistle 345/138 kv	4/1/2013	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 SPRINGS SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #1	6/1/2014	6/1/2014		
	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1	6/1/2014	6/1/2014		
	Cherry Co - Gentleman 345 kv Ckt1	4/1/2013	1/1/2018		No
	Cherry Co - Holt Co 345 kv Ckt1	4/1/2013	1/1/2018		No
	Cherry Co 345 kv Terminal Upgrades	4/1/2013	1/1/2018		No
	Device - Northwest Manhattan Cap 115 kv	6/1/2013	6/1/2014		No
	Elk City 345/230 kv	4/1/2013	3/1/2018		Yes
	Elk City to Gracemont 345kv AEPW	4/1/2013	3/1/2018		Yes
	Elk City to Gracemont 345kv OKGE	4/1/2013	3/1/2018		Yes
	Elm Creek to Summit 345 kv ITGCP	4/1/2013	3/1/2018		No
	Elm Creek to Summit 345 kv WERE	4/1/2013	3/1/2018		No
	GEARY 7 345.00 (GEARY1X) 345/115/13.8KV TRANSFORMER CKT 1	6/1/2013	6/1/2017		No
	GREENLEAF - KNOB HILL 115KV CKT 1 WERE	4/1/2013	6/1/2014		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 - PRAIRIE LEE 161KV CKT 1 #2 Accelerate	6/1/2014	6/1/2016		
	BUSHLAND INTERCHANGE - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1	4/1/2013	6/1/2014		Yes
	FLATRDG3 138.00 - HARPER 138KV CKT 1	4/1/2013	6/1/2013		No
	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	4/1/2013	6/1/2013		No
	HARPER - MILAN TAP 138KV CKT 1 #1 Accelerate	4/1/2013	6/1/2014		No
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	4/1/2013	6/1/2015		No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2013	6/1/2017		No
	MEDICINE LODGE - PRATT 115KV CKT 1	4/1/2013	6/1/2013		No
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	4/1/2013	6/1/2019		No
	Mullergren - Reno 345KV Dbl CKT MKEC	4/1/2013	6/1/2019		No
	Spearville - Mullergren 345KV Dbl CKT	4/1/2013	6/1/2019		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216066	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		
	Mullergren - Reno 345KV Dbl CKT MKEC	10/1/2012	6/1/2019		
	Mullergren - Reno 345KV Dbl CKT WERE	10/1/2012	6/1/2019		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	Spearville - Mullergren 345KV Dbl CKT	10/1/2012	6/1/2019		
	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	7JASPER 345.00 - BLACKBERRY 345KV CKT 1 #1	6/1/2013	6/1/2013			\$ 742	\$ 100,000
					Total	\$ 742	\$ 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	6/1/2019	6/1/2029	\$ 78,842	\$ -	\$ 78,842	\$ 295,400
									\$ 78,842	\$ -	\$ 78,842	\$ 295,400

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75350825	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017	6/1/2017	No	\$ 762	\$ 1,575,000	\$ 2,287
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016	6/1/2016	No	\$ 3,456	\$ 7,141,250	\$ 12,478
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017	6/1/2017	No	\$ 762	\$ 1,575,000	\$ 2,287
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016	6/1/2016	No	\$ 2,288	\$ 4,728,000	\$ 8,261
	HAYS PLANT - VINE STREET 115KV CKT 1	4/1/2013	6/1/2016	6/1/2016	No	\$ 24	\$ 129,375	\$ 72
	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	6/1/2018	6/1/2018	6/1/2018		\$ 6,445	\$ 11,250,000	\$ 18,868
	WICHITA (WICHT L2X) 345/138/13.8KV TRANSFORMER CKT 3	10/1/2014	6/1/2016	6/1/2016	No	\$ 65,105	\$ 8,100,000	\$ 250,146
						\$ 78,842	\$ 34,498,625	\$ 295,400

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	IATAN - NASHUA 345KV CKT 1	4/1/2013	1/1/2015	1/1/2015	No
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015	1/1/2015	No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014	7/1/2014	
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	4/1/2013	7/1/2014	7/1/2014	
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015	1/1/2015	No
	Line - Tuc - Woodward 345 kv line OKGE	4/1/2013	6/1/2014	6/1/2014	
	Line - Tuc - Woodward 345 kv line SPS	4/1/2013	6/1/2014	6/1/2014	
	XFR - Thistle 345/138 kv	4/1/2013	1/1/2015	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
75350825	Cherry Co - Gentleman 345 kv Ckt1	4/1/2013	1/1/2018	1/1/2018	No
	Cherry Co - Holt Co 345 kv Ckt1	4/1/2013	1/1/2018	1/1/2018	No
	Cherry Co 345 kv Terminal Upgrades	4/1/2013	1/1/2018	1/1/2018	No
	Device - Northwest Manhattan Cap 115 kv	6/1/2013	6/1/2014	6/1/2014	
	Elm Creek to Summit 345 kv ITCGP	4/1/2013	3/1/2018	3/1/2018	No
	Elm Creek to Summit 345 kv WERE	4/1/2013	3/1/2018	3/1/2018	No
	GEARY 7 345.00 (GEARY1X) 345/115/13.8KV TRANSFORMER CKT 1	6/1/2013	6/1/2017	6/1/2017	No
	GREENLEAF - KNOB HILL 115KV CKT 1 WERE	4/1/2013	6/1/2014	6/1/2014	

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75350825	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	4/1/2013	6/1/2013	6/1/2013	
	HARPER - MILAN TAP 138KV CKT 1 #1 Accelerate	4/1/2013	6/1/2014	6/1/2014	
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	4/1/2013	6/1/2015	6/1/2015	No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2013	6/1/2017	6/1/2017	No
	Mullergren - Reno 345kv Dbi Ckt MKEC	4/1/2013	6/1/2019	6/1/2019	No
	Spearville - Mullergren 345kv Dbi Ckt	4/1/2013	6/1/2019	6/1/2019	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
75350825	ALBION - PETERSBURG 115KV CKT 1	1/1/2013	1/1/2013	1/1/2013	
	CLIFTON - GREENLEAF 115KV CKT 1	6/1/2011	6/1/2013	6/1/2013	
	FLATRDG3 138.00 - HARPER 138KV CKT 1	12/1/2009	6/1/2013	6/1/2013	
	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC Credit Entry	6/1/2013	6/1/2013	6/1/2013	
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006	6/1/2006	
	Mullergren - Reno 345kv Dbi Ckt MKEC	10/1/2012	6/1/2019	6/1/2019	
	Mullergren - Reno 345kv Dbi Ckt WERE	10/1/2012	6/1/2019	6/1/2019	
	NEUGH - PETERSBURG 115KV CKT 1	1/1/2013	1/1/2013	1/1/2013	
	Spearville - Mullergren 345kv Dbi Ckt	10/1/2012	6/1/2019	6/1/2019	

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 upgrad

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75350825	latan - Jeffrey Energy Center 345 kV KACP	6/1/2013	6/1/2019		No
	latan - Jeffrey Energy Center 345 kV WERE	6/1/2013	6/1/2019		No

*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	\$ 1,791	\$ -	\$ 1,791	\$ 9,037	
										\$ 1,791	\$ -	\$ 1,791	\$ 9,037

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	EL RENO - SERVICE PL EL RENO 69KV CKT 1 Accelerate	6/1/2014	6/1/2014			\$ 1,791	\$ -	\$ 1,791	\$ 1,791	\$ 9,037
Total						\$ 1,791	\$ -	\$ 1,791	\$ 1,791	\$ 9,037

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
76216657	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2013	10/1/2014		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
76216657	CLASSEN - SW STAP 138KV CKT 1	6/1/2013	6/1/2014		Yes

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216657	NORTHWEST (NORTWST4) 345/138/13.8KV TRANSFORMER CKT 1 Accelerated	6/1/2013	6/1/2015		Yes

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
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	\$ 2,031	\$ -	\$ 3,032	\$ 12,403
									\$ 2,031	\$ -	\$ 3,032	\$ 12,403

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	HAYS PLANT - WINE STREET 115KV CKT 1	4/1/2013	6/1/2016		No	\$ 2,031	\$ 1,001	\$ 3,032	\$ 129,375	\$ 12,403
					Total	\$ 2,031	\$ 1,001	\$ 3,032	\$ 129,375	\$ 12,403

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	IATAN - NASHUA 345KV CKT 1	4/1/2013	1/1/2015		No
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	4/1/2013	7/1/2014		No
	Line - NPPD - Axtell - Kansas Border 345 kv	4/1/2013	6/1/2013		No
	Line - Post Rock - Axtell 345 kv	4/1/2013	6/1/2013		No
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015		No
	Line - Spearville - Post Rock 345 kv	4/1/2013	6/1/2013		No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015		No
	Line - Tucco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014		No
	Line - Tucco - Woodward 345 kv line SPS	4/1/2013	6/1/2014		No
	PRATT - ST JOHN 115KV CKT 1	4/1/2013	4/1/2013		
	XFR - Post Rock 345/230 kv	4/1/2013	4/1/2013		
	XFR - Thistle 345/138 kv	4/1/2013	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
76177839	Device - Northwest Manhattan Cap 115 kv	6/1/2013	6/1/2014		No
	Elm Creek to Summit 345 kv ITCCP	4/1/2013	3/1/2018		No
	Elm Creek to Summit 345 kv WERE	4/1/2013	3/1/2018		No
	GEARY 7 345.00 (GEARY1X) 345/115/13.8KV TRANSFORMER CKT 1	6/1/2013	6/1/2017		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
76177839	FLATROGS 138.00 - HARPER 138KV CKT 1	4/1/2013	6/1/2013		No
	HARPER - MILAN TAP 138KV CKT 1 #1 Accelerate	4/1/2013	6/1/2014		No
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	4/1/2013	6/1/2015		No
	MEDICINE LODGE - PRATT 115KV CKT 1	4/1/2013	6/1/2013		No
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	4/1/2013	6/1/2019		No
	Mullergren - Reno 345kv Dbi Ckt MKEC	4/1/2013	6/1/2019		No
	Spearville - Mullergren 345kv Dbi Ckt	4/1/2013	6/1/2019		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
76177839	ALEXANDER - PRATT 115KV CKT 1	12/1/2009	6/1/2013		
	ALEXANDER - SAWYER 3 115.00 115KV CKT 1	12/1/2009	6/1/2013		
	CLIFTON - GREENLEAF 115KV CKT 1	6/1/2011	6/1/2013		
	FLATROGS 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2009	6/1/2013		
	FLATROGS 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		
	MEDICINE LODGE - SAWYER 115KV CKT 1	12/1/2009	6/1/2013		
	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 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	6/1/2019	6/1/2025	\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76192515	None					\$ -	\$ -	\$ -
						Total	\$ -	\$ -

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76192515	Line - Clark County - Thistle 345 kv dbi Ckt			4/1/2013	1/1/2015
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE			4/1/2013	7/1/2014
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS			4/1/2013	7/1/2014
	Line - NPPD - Axtell - Kansas Border 345 kv			4/1/2013	6/1/2013
	Line - Post Rock - Axtell 345 kv			4/1/2013	6/1/2013
	Line - Spearville - Clark County 345 kv dbi Ckt			4/1/2013	1/1/2015
	Line - Spearville - Post Rock 345 kv			4/1/2013	6/1/2013
	Line - Thistle - Wichita 345 kv dbi Ckt PW			4/1/2013	1/1/2015
	Line - Thistle - Wichita 345 kv dbi Ckt WERE			4/1/2013	1/1/2015
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE			4/1/2013	1/1/2015
	Line - Thistle - Woodward 345 kv dbi Ckt PW			4/1/2013	1/1/2015
	Line - Tucco - Woodward 345 kv line OKGE			4/1/2013	6/1/2014
	Line - Tucco - Woodward 345 kv line SPS			4/1/2013	6/1/2014
	XFR - Post Rock 345/230 kv			4/1/2013	4/1/2013
	XFR - Thistle 345/138 kv			4/1/2013	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
76192515	Device - Northwest Manhattan Cap 115 kv			6/1/2013	6/1/2014
	Elm Creek to Summit 345 kv ITCGP			4/1/2013	3/1/2018
	Elm Creek to Summit 345 kv WERE			4/1/2013	3/1/2018
	GEARY 7 345.00 (GEARY1X) 345/115/13.8KV TRANSFORMER CKT 1			6/1/2013	6/1/2017

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76192515	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1			6/1/2013	6/1/2017
	Mullergren - Reno 345kv Dbi Ckt MKEC			4/1/2013	6/1/2019
	Spearville - Mullergren 345kv Dbi Ckt			4/1/2013	6/1/2019

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
76192515	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
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement			12/1/2009	6/1/2013
	Mullergren - Reno 345kv Dbi Ckt MKEC			10/1/2012	6/1/2019
	Mullergren - Reno 345kv Dbi Ckt WERE			10/1/2012	6/1/2019
	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 - Mullergren 345kv Dbi Ckt			10/1/2012	6/1/2019
	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

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 upgrad

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76192515	Iatan - Jeffrey Energy Center 345 kv IACP			6/1/2013	6/1/2019
	Iatan - Jeffrey Energy Center 345 kv WERE			6/1/2013	6/1/2019

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
76192515	BUFORD \$ 161.00 - BULL SHOALS 161KV CKT 1	6/1/2013	6/1/2016		No	\$ 215,035	\$ 7,650,000
	BUFORD \$ 161.00 - NORFORK 161KV CKT 1	6/1/2014	6/1/2016		No	\$ 153,195	\$ 5,450,000
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	4/1/2013	10/1/2013		No	\$ -	\$ -
					Total	\$ 368,230	\$ 13,100,000

*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
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	\$ 4,843	\$ -	\$ 4,843	\$ 25,681
									\$ 4,843	\$ -	\$ 4,843	\$ 25,681

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
76192531	HAYS PLANT - WINE STREET 115KV CKT 1	4/1/2013	6/1/2016		No	\$ 4,843	\$ 129,375	\$ 25,681
					Total	\$ 4,843	\$ 129,375	\$ 25,681

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
76192531	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015		
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	4/1/2013	7/1/2014		
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015		
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015		
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015		
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015		
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015		
	Line - Tuc - Woodward 345 kv line OKGE	4/1/2013	6/1/2014		
	Line - Tuc - Woodward 345 kv line SPS	4/1/2013	6/1/2014		
	XFR - Thistle 345/138 kv	4/1/2013	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 - Gemtisman 345 kv CKT 1	4/1/2013	1/1/2018		No
	Cherry Co - Holt Co 345 kv CKT 1	4/1/2013	1/1/2018		No
	Cherry Co 345 kv Terminal Upgrades	4/1/2013	1/1/2018		No
	Device - Northwest Manhattan Cap 115 kv	6/1/2013	6/1/2014		
	Elm Creek to Summit 345 kv ITCGP	4/1/2013	3/1/2018		No
	Elm Creek to Summit 345 kv WERE	4/1/2013	3/1/2018		No
	GEARY 7 345.00 (GEARY1X) 345/115/13.8KV TRANSFORMER CKT 1	6/1/2013	6/1/2017		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
76192531	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	4/1/2013	6/1/2015		No
	Mullergren - Reno 345kv Dbl CKT MKEC	4/1/2013	6/1/2019		No
	Spearville - Mullergren 345kv Dbl CKT	4/1/2013	6/1/2019		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
76192531	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		
	Judson Large - North Judson Large 115KV CKT 2	10/1/2013	6/1/2015		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	12/1/2009	6/1/2013		
	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 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	KCP	SECI	50	1/1/2013	1/1/2043	6/1/2019	6/1/2049	\$ 862,028	\$ -	\$ 862,028	\$ 5,513,230
									\$ 862,028	\$ -	\$ 862,028	\$ 5,513,230

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	6/1/2016	6/1/2016	Yes	\$ 656,185	\$ 2,287,500	\$ 4,200,838
	HAYS PLANT - WINE STREET 115KV CKT 1	4/1/2013	6/1/2016	6/1/2016	No	\$ 4,910	\$ 129,375	\$ 26,037
	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #2	6/1/2013	6/1/2016	6/1/2016	Yes	\$ 200,933	\$ 3,294,000	\$ 1,286,355
	Total					\$ 862,028	\$ 5,710,875	\$ 5,513,230

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76209412	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015	1/1/2015	No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014	7/1/2014	No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	4/1/2013	7/1/2014	7/1/2014	No
	Line - NPPD - Axtell - Kansas Border 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Post Rock - Axtell 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015	1/1/2015	No
	Line - Spearville - Post Rock 345 kv	4/1/2013	6/1/2013	6/1/2013	No
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015	1/1/2015	No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015	1/1/2015	No
	Line - Tucco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014	6/1/2014	No
	Line - Tucco - Woodward 345 kv line SPS	4/1/2013	6/1/2014	6/1/2014	No
	XFR - Post Rock 345/230 kv	4/1/2013	4/1/2013	4/1/2013	No
	XFR - Thistle 345/138 kv	4/1/2013	1/1/2015	1/1/2015	No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76209412	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #1	6/1/2014	6/1/2014	6/1/2014	
	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1	6/1/2014	6/1/2014	6/1/2014	
	Device - Northwest Manhattan Cup 115 kv	6/1/2013	6/1/2014	6/1/2014	No
	Elm Creek to Summit 345 kv ITCP	4/1/2013	3/1/2018	3/1/2018	No
	Elm Creek to Summit 345 kv WERE	4/1/2013	3/1/2018	3/1/2018	No
	GEARY 7 345.00 (GEARY1X) 345/115/13.8KV TRANSFORMER CKT 1	6/1/2013	6/1/2017	6/1/2017	No
	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #1	6/1/2013	6/1/2014	6/1/2014	Yes

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76209412	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #2 Accelerate	6/1/2014	6/1/2016	6/1/2016	Yes
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	4/1/2013	6/1/2015	6/1/2015	No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2013	6/1/2017	6/1/2017	No
	Mullergren - Reno 345kv Dbi Ckt MKEC	4/1/2013	6/1/2019	6/1/2019	No
	Spearville - Mullergren 345kv Dbi Ckt	4/1/2013	6/1/2019	6/1/2019	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
76209412	CLIFTON - GREENLEAF 115KV CKT 1	6/1/2011	6/1/2013	6/1/2013	
	FLATRDG3 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2009	6/1/2013	6/1/2013	
	FLATRDG3 138.00 - HARPER 138KV CKT 1	12/1/2009	6/1/2013	6/1/2013	
	Judson Large - North Judson Large 115KV CKT 2	10/1/2013	6/1/2015	6/1/2015	
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006	6/1/2006	
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	12/1/2009	6/1/2013	6/1/2013	
	Mullergren - Reno 345kv Dbi Ckt MKEC	10/1/2012	6/1/2019	6/1/2019	
	Mullergren - Reno 345kv Dbi Ckt WERE	10/1/2012	6/1/2019	6/1/2019	
	North Judson Large - Spearville 115KV CKT 2	10/1/2013	6/1/2015	6/1/2015	
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010	1/1/2010	
	Spearville - Mullergren 345kv Dbi Ckt	10/1/2012	6/1/2019	6/1/2019	
	Spearville 345/115/13.8kv Transformer CKT 3	10/1/2013	6/1/2015	6/1/2015	
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	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 upgrad

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76209412	latan - Jeffrey Energy Center 345 KV KACP	6/1/2013	6/1/2019		No
	latan - Jeffrey Energy Center 345 KV WERE	6/1/2013	6/1/2019		No

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
76209412	TOVERTON 345.00 (J) 345/161/13.8KV TRANSFORMER CKT 1	4/1/2013	6/1/2014		No	1.12%	100.00%
	CLINTON - MONROSE 161KV CKT 1 AEG	6/1/2013	6/1/2014		No	\$ 7,441	\$ 180,000
	ECKLES - SIBLEYPL 161.00 161KV CKT 1	6/1/2014	6/1/2014			27.31%	100.00%
					Total	\$ 7,441	\$ 180,000

*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
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	6/1/2015	6/1/2016	\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
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	BAILEY COUNTY INTERCHANGE - CURRY COUNTY INTERCHANGE 115KV CKT 1	4/1/2013	6/1/2015		Yes
	NEWHART INTERCHANGE PROJECT	4/1/2013	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
76213597	Elk City 345/230 kV	4/1/2013	3/1/2018		
	Elk City to Gracemont 345kV AEPW	4/1/2013	3/1/2018		
	Elk City to Gracemont 345kV OKGE	4/1/2013	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	6/1/2015	6/1/2016	\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
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	BAILEY COUNTY INTERCHANGE - CURRY COUNTY INTERCHANGE 115KV CKT 1	1/1/2013	6/1/2015		
	NEWHART INTERCHANGE PROJECT	1/1/2013	6/1/2015		

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	Elk City 345/230 kV	1/1/2013	3/1/2018		
	Elk City to Gracemont 345kV AEPW	1/1/2013	3/1/2018		
	Elk City to Gracemont 345kV OKGE	1/1/2013	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	\$ -	\$ 23,261,067	\$ 99,351,669
									\$ 18,000,000	\$ -	\$ 23,261,067	\$ 99,351,669

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	ADABELL - VBI 161KV CKT 1	6/1/2013	6/1/2016		No	\$ 505	\$ 458	\$ 963	\$ 150,000	\$ 5,759
	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #2 Accelerate	6/1/2014	6/1/2016		Yes	\$ 84,355	\$ 23,481	\$ 107,836	\$ 2,287,500	\$ 519,242
	CHISHOLM - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017		No	\$ 41,574	\$ 37,750	\$ 79,324	\$ 1,575,000	\$ 388,454
	CHISHOLM - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016		No	\$ 188,502	\$ 171,161	\$ 359,663	\$ 7,141,250	\$ 1,738,788
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	6/1/2014	6/1/2017		No	\$ 41,574	\$ 37,750	\$ 79,324	\$ 1,575,000	\$ 388,454
	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	6/1/2014	6/1/2016		No	\$ 124,802	\$ 113,320	\$ 238,122	\$ 4,728,000	\$ 1,151,199
	GRD1 - SLOMAN SPRINGS TAP 345KV CKT 1	6/1/2018	6/1/2018			\$ 70,925	\$ 19,743	\$ 90,668	\$ 3,300,000	\$ 430,241
	HAYS PLANT - VINE STREET 115KV CKT 1	4/1/2013	6/1/2016		No	\$ 1,002	\$ 910	\$ 1,912	\$ 129,375	\$ 7,821
	Iatan - Jeffrey Energy Center 345 KV KACP	6/1/2013	6/1/2019		No	\$ 1,049,730	\$ 292,204	\$ 1,341,934	\$ 14,089,880	\$ 6,588,842
	Iatan - Jeffrey Energy Center 345 KV WERE	6/1/2013	6/1/2019		No	\$ 9,594,128	\$ 2,670,630	\$ 12,264,758	\$ 128,776,067	\$ 49,622,162
	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #2	6/1/2013	6/1/2016		Yes	\$ 2,042,225	\$ 568,475	\$ 2,610,700	\$ 3,294,000	\$ 12,570,815
	Muskogee - VBI 345 kv with 345/161 kv bus tie at VBI	6/1/2013	6/1/2019		No	\$ 992,439	\$ 276,256	\$ 1,268,695	\$ 129,000,000	\$ 6,083,132
	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	6/1/2018	6/1/2018			\$ 3,768,238	\$ 1,048,930	\$ 4,817,168	\$ 11,250,000	\$ 19,856,758
					Total	\$ 18,000,000	\$ 5,261,067	\$ 23,261,067	\$ 307,296,072	\$ 99,351,669

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	IATAN - NASHUA 345KV CKT 1	4/1/2013	1/1/2015		No
	Line - Clark County - Thistle 345 kv dbi Ckt	4/1/2013	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbi Ckt OKGE	4/1/2013	7/1/2014		No
	Line - Hitchland - Woodward 345 kv dbi Ckt SPS	4/1/2013	7/1/2014		No
	Line - NPPD - Axtell - Kansas Border 345 kv	4/1/2013	6/1/2013		
	Line - Post Rock - Axtell 345 kv	4/1/2013	6/1/2013		
	Line - Spearville - Clark County 345 kv dbi Ckt	4/1/2013	1/1/2015		No
	Line - Spearville - Post Rock 345 kv	4/1/2013	6/1/2013		
	Line - Thistle - Wichita 345 kv dbi Ckt PW	4/1/2013	1/1/2015		No
	Line - Thistle - Wichita 345 kv dbi Ckt WERE	4/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt OKGE	4/1/2013	1/1/2015		No
	Line - Thistle - Woodward 345 kv dbi Ckt PW	4/1/2013	1/1/2015		No
	Line - Tucco - Woodward 345 kv line OKGE	4/1/2013	6/1/2014		No
	Line - Tucco - Woodward 345 kv line SPS	4/1/2013	6/1/2014		No
	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	10/1/2013	10/1/2014		No
	PRATT - ST JOHN 115KV CKT 1	4/1/2013	4/1/2013		
	XFR - Post Rock 345/230 kv	4/1/2013	4/1/2013		
	XFR - Thistle 345/138 kv	4/1/2013	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 - BLUE SPRINGS EAST 161KV CKT 1 #1	6/1/2014	6/1/2014		
	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1	6/1/2014	6/1/2014		
	Cherry Co - Gentleman 345 kv Ckt1	4/1/2013	1/1/2018		No
	Cherry Co - Holt Co 345 kv Ckt1	4/1/2013	1/1/2018		No
	Cherry Co 345 kv Terminal Upgrades	4/1/2013	1/1/2018		No
	Device - Northwest Manhattan Cap 115 kv	6/1/2013	6/1/2014		No
	Elk City 345/230 kv	4/1/2013	3/1/2018		Yes
	Elk City to Gracemont 345kv AEPW	4/1/2013	3/1/2018		Yes
	Elk City to Gracemont 345kv OKGE	4/1/2013	3/1/2018		Yes
	Elm Creek to Summit 345 kv TCGP	4/1/2013	3/1/2018		No
	Elm Creek to Summit 345 kv WERE	4/1/2013	3/1/2018		No
	GEARY 7 345.00 (GEARY1X) 345/115/13.8KV TRANSFORMER CKT 1	6/1/2013	6/1/2017		No
	GREENLEAF - KNOB HILL 115KV CKT 1 WERE	4/1/2013	6/1/2014		No
	HARRISONVILLE 161/69KV TRANSFORMER CKT 1 MIPU	6/1/2014	6/1/2016		No
	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #1	6/1/2013	6/1/2014		Yes

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

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216331	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #2 Accelerate	6/1/2014	6/1/2016		Yes
	BUSHLAND INTERCHANGE - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1	4/1/2013	6/1/2014		Yes
	FLATRDG3 138.00 - HARPER 138KV CKT 1	4/1/2013	6/1/2013		No
	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	4/1/2013	6/1/2013		No
	HARPER - MILAN TAP 138KV CKT 1 #1 Accelerate	4/1/2013	6/1/2014		No
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	4/1/2013	6/1/2015		No
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2013	6/1/2017		No
	MEDICINE LODGE - PRATT 115KV CKT 1	4/1/2013	6/1/2013		No
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	4/1/2013	6/1/2019		No
	Mullergren - Reno 345KV Dbi CKT MKEC	4/1/2013	6/1/2019		No
	Spearville - Mullergren 345KV Dbi CKT	4/1/2013	6/1/2019		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
76216331	ALEXANDER - PRATT 115KV CKT 1	12/1/2009	6/1/2013		
	ALEXANDER - SAWYER 3 115.00 115KV 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		
	MEDICINE LODGE - SAWYER 115KV CKT 1	12/1/2009	6/1/2013		
	Mullergren - Reno 345KV Dbi CKT MKEC	10/1/2012	6/1/2019		
	Mullergren - Reno 345KV Dbi CKT WERE	10/1/2012	6/1/2019		
	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 - Mullergren 345KV Dbi CKT	10/1/2012	6/1/2019		
	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	6/1/2013	6/1/2013			\$ 3,227	\$ 100,000
					Total	\$ 3,227	\$ 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	36TH & LEWIS - 52ND & DELAWARE TAP 138KV CKT 1	Rebuild 1 mile of 138 kv with 2-795 ACSR. Replace 36th & Lewis wavetraps & reset CTs.	6/1/2018	6/1/2018	\$3,049,257.33
AEPW	BONANZA - HACKETT AECC 161KV CKT 1	Rebuild 2.36 miles	6/1/2014	6/1/2017	\$2,159,400.00
AEPW	EXCELSIOR - HACKETT AECC 161KV CKT 1	Rebuild 5.29 miles	6/1/2014	6/1/2017	\$4,840,350.00
AEPW	EXCELSIOR - NORTH HUNTINGTON 161KV CKT 1	Rebuild 5.29 miles	6/1/2014	6/1/2017	\$4,840,350.00
AEPW	HOBART - HOBART JUNCTION 69KV CKT 1 #1	Rebuild 1.86 miles with 1272 ACSR.	6/1/2013	6/1/2016	\$1,860,000.00
GRDA	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	Replace Terminal Equipment	6/1/2018	6/1/2018	\$3,300,000.00
KACP	latan - Jeffrey Energy Center 345 kv KACP	Build 14.2 miles of new 345 kv	6/1/2013	6/1/2019	\$14,089,880.00
MIDW	HAYS PLANT - VINE STREET 115KV CKT 1	Rebuild 0.23 miles	4/1/2013	6/1/2016	\$129,375.00
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 ACSR. Upgrade substation equipment to 2000 Amps.	6/1/2014	6/1/2016	\$2,287,500.00
MIPU	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #2	Rebuild 3.6 miles	6/1/2013	6/1/2016	\$3,294,000.00
MIPU	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161KV Transformer	6/1/2018	6/1/2018	\$11,250,000.00
OKGE	ADABELL - VBI 161KV CKT 1	Replace existing 800 amp wave trap with 1200 amp in VBI sub	6/1/2013	6/1/2016	\$150,000.00
OKGE	EL RENO - SERVICE PL EL RENO 69KV CKT 1 Accelerate	Replace 400 amp CT in El Reno sub with 800 amp	6/1/2014	6/1/2014	\$1,791.00
OKGE	Muskogee - VBI 345 kv with 345/161 kv bus tie at VBI	Build 70.95 mile 345 kv line plus two new 345/161 kv bus ties near VBI sub and 10 miles of 161 kv line	6/1/2013	6/1/2019	\$129,000,000.00
SPS	CANYON EAST SUB - CANYON WEST SUB 115KV CKT 1	Rebuild 3.73 miles	4/1/2013	6/1/2016	\$2,219,350.00
SPS	CANYON EAST SUB - RANDALL COUNTY INTERCHANGE 115KV CKT 1	Rebuild 18 miles	4/1/2013	6/1/2016	\$10,710,000.00
SPS	Line - Osage Station and Line Re-termination Accelerate	Construct approximately 2 miles of new 115 kv line from Randall Co. with 795 ACSR. Tie new line into V70 around (not to) Osage Substation. Add new 115 kv terminal at Randall Co. Interchange. (Re-build Randall 115 kv bus to breaker and one-half design.)	4/1/2013	6/1/2015	\$92,540.00
WERE	CHISHOLM - MAIZE 138KV CKT 1 #1	Upgrade disconnect switches, wavetraps, breaker, jumpers	6/1/2014	6/1/2017	\$1,575,000.00
WERE	CHISHOLM - MAIZE 138KV CKT 1 #2	Rebuild 7.25 miles	6/1/2014	6/1/2016	\$7,141,250.00
WERE	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #1	Upgrade disconnect switches, wavetraps, breaker, jumpers	6/1/2014	6/1/2016	\$1,575,000.00
WERE	EVANS ENERGY CENTER NORTH - MAIZE 138KV CKT 1 #2	Rebuild 4.8 miles	6/1/2014	6/1/2016	\$4,728,000.00
WERE	latan - Jeffrey Energy Center 345 kv WERE	Build 56.8 miles of new 345 kv	6/1/2013	6/1/2019	\$128,776,067.00
WERE	WICHITA (WICHT12X) 345/138/13.8KV TRANSFORMER CKT 3	Add third 345-138 kv transformer at Wichita	10/1/2014	6/1/2016	\$8,100,000.00

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 wavetraps & jumpers @ Eureka Springs	6/1/2013	6/1/2015
MIDW	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	Rebuild 3.25 miles	4/1/2013	6/1/2015
MIPU	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #2 Accelerate	Reconductor 3.21 miles from Blue Springs to Prairie Lee 161 kv to 795 ACSR. Upgrade substation equipment to 2000 Amps.	6/1/2014	6/1/2016
MKEC	FLATRDG3 138.00 - HARPER 138KV CKT 1	Rebuild 24.15 mile line	4/1/2013	6/1/2013
MKEC	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	Rebuild 43.5% Ownership of 20.9 miles	4/1/2013	6/1/2013
MKEC	HARPER - MILAN TAP 138KV CKT 1 #1 Accelerate	Replace Wave Trap at Harper Substation	4/1/2013	6/1/2014
MKEC	MEDICINE LODGE - PRATT 115KV CKT 1	Rebuild 26 mile line	4/1/2013	6/1/2013
MKEC	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	Upgrade transformer	4/1/2013	6/1/2019
MKEC	Mullergren - Reno 345KV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kv Mullergren - Reno	4/1/2013	6/1/2019
MKEC	Spearville - Mullergren 345KV Dbl CKT	Build approximately 74 miles of double 345kv Spearville - Mullergren	4/1/2013	6/1/2019
OKGE	5 TRIBES - PECAN CREEK 161KV CKT 1 Accelerate	Reconductor 4.07 miles of transmission line to 1590A5S2 Make 5 Tribes substation equipment 2000 amp	6/1/2014	6/1/2015
OKGE	NORTHWEST (NORTHWEST4) 345/138/13.8KV TRANSFORMER CKT 1 Accelerated	Install third 345/138 kv Bus Tie in Northwest Sub	6/1/2013	6/1/2015
SPS	BUSHLAND INTERCHANGE - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1	Upgrade 800A wave trap at both Bushland Interchange and Deaf Smith Interchange	4/1/2013	6/1/2014
SPS	Jones Station Bus#2 - LUBBOCK SOUTH INTERCHANGE 230KV CKT 2	Upgrade wave trap at both Jones Bus # 2 and Lubbock South Interchange	6/1/2014	6/1/2015
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	6/1/2013	6/1/2017

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	NORTHWEST TEXARKANA - VALLIANT 345KV CKT 1	Build a new 76 mile 345 kv line from Valliant to NW Texarkana with at least 3000 A capacity. Upgrade the Valliant and NW Texarkana substations with the necessary breakers and terminal equipment.	10/1/2013	10/1/2014
ITCGP	Line - Clark County - Thistle 345 kv dbi 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.	4/1/2013	1/1/2015
ITCGP	Line - Post Rock - Axtell 345 kv	Build new 345 kv line from Wolf to interception point of Axtell to Wolf line (Kansas Border). Includes line reactor.	4/1/2013	6/1/2013
ITCGP	Line - Spearville - Clark County 345 kv dbi 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.	4/1/2013	1/1/2015
ITCGP	Line - Spearville - Post Rock 345 kv	Build new 345 kv line from Knoll to interception point of Spearville to Knoll line. Updated for approved route mileage; reflect addition of reactor at Post Rock (40Mvar)	4/1/2013	6/1/2013
ITCGP	XFR - Post Rock 345/230 kv	Build Post Rock substation to include a 600 MVA 345/230 kv auto transformer with 345 kv ring bus configuration	4/1/2013	4/1/2013
ITCGP	XFR - Thistle 345/138 kv	Install a 400 MVA 345/138 kv transformer at the new 345 kv Thistle substation.	4/1/2013	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	4/1/2013	1/1/2015
MKEC	PRATT - ST JOHN 115KV CKT 1	Rebuild 21.9 mile St. John - Pratt 115 kv line with 795 ACSR conductor.	4/1/2013	4/1/2013
NPPD	Line - NPPD - Axtell - Kansas Border 345 kv	Build new 345 kv line from Axtell to interception point of Axtell to Wolf line (Kansas Border). Includes substation expansion at Axtell and line reactor.	4/1/2013	6/1/2013
OKGE	Line - Hitchland - Woodward 345 kv dbi 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	4/1/2013	7/1/2014
OKGE	Line - Thistle - Woodward 345 kv dbi 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 brea	4/1/2013	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	4/1/2013	6/1/2014
PW	Line - Thistle - Wichita 345 kv dbi 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.	4/1/2013	1/1/2015
PW	Line - Thistle - Woodward 345 kv dbi 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.	4/1/2013	1/1/2015
SPS	ALLEN SUB - LUBBOCK SOUTH INTERCHANGE 115KV CKT 1	Rebuild 6 miles of 115 kv line from Lubbock South interchange to Allen	6/1/2019	6/1/2019
SPS	BAILEY COUNTY INTERCHANGE - CURRY COUNTY INTERCHANGE 115KV CKT 1	40 miles 115 kv between Bailey and Curry.	4/1/2013	6/1/2015
SPS	CARLISLE INTERCHANGE - MURPHY SUB 115KV CKT 1	Reconductor 3.98 miles of Carlisle - Murphy 115 kv	6/1/2021	6/1/2021
SPS	Line - Hitchland - Woodward 345 kv dbi 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	4/1/2013	7/1/2014
SPS	Line - Tuco - Woodward 345 kv line SPS	Build new 345 kv line from Tuco to OGE's Border station near TX/OK State line. Install line reactor outside Border station and line reactors at Tuco.	4/1/2013	6/1/2014
SPS	NEWHART INTERCHANGE PROJECT	Tap the Potter Interchange - Plant X Station 230 kv line for new Newhart Substation and install 230/115 kv, 150/173 MVA transformer. New 15 mile Lampton Interchange - Hart Industrial Substation 115 kv line. New 19 mile Swisher County Interchange - Newhart	4/1/2013	6/1/2015
WERE	Line - Thistle - Wichita 345 kv dbi 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	4/1/2013	1/1/2015

Reliability Projects - The requested service is contingent upon completion of the following upgrades. Cost is not assignable to the transmission customer.				
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	6/1/2013	6/1/2014
AEPW	DIANA - PERDUE 138KV CKT 1 #2	Rebuild 21.85 mile Diana-Perdue 138 kv line. Replace switches, wave traps and jumpers, and upgrade CT ratios at Diana and Perdue. Upgrade relay settings at Diana.	6/1/2013	6/1/2016
AEPW	Elk City 345/230 kv	Expand Elk City substation (or build new station). Install a 345/230 kv 675 MVA transformer at Elk City.	4/1/2013	3/1/2018
AEPW	Elk City to Gracemont 345KV AEPW	Build new 46.5 mile 345 kv line from Elk City to Gracemont (AEP portion).	4/1/2013	3/1/2018
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.	4/1/2013	3/1/2018
MIPU	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #1	Replace 800 amp wavetraps with 1200 amp unit	6/1/2014	6/1/2014
MIPU	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1	Replace Prairie Lee 800 amp wavetraps with 1200 amp unit	6/1/2014	6/1/2014
MIPU	HARRISONVILLE 161/69KV TRANSFORMER CKT 1 MIPU	Replace with 125 MVA unit	6/1/2014	6/1/2016
MIPU	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #1	Replace 800 amp wavetraps with 1200 amp unit	6/1/2013	6/1/2014
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).	4/1/2013	1/1/2018
NPPD	Cherry Co - Holt Co 345 kv Ckt1	Build new 345 kv Transmission Line from new 345 kv Holt County Substation. (Estimated 146 miles).	4/1/2013	1/1/2018
NPPD	Cherry Co 345 kv Terminal Upgrades	Build new Cherry County 345 kv Substation.	4/1/2013	1/1/2018
OKGE	STRIBES - HANCOCK 161KV CKT 1 #1	Replace 800A Wave Trap, increase Relay CTR to 1200-5A.	6/1/2014	6/1/2014
OKGE	CLASSEN - SW STAP 138KV CKT 1	Replace 800A trap at Classen	6/1/2013	6/1/2014
OKGE	Elk City to Gracemont 345KV OKGE	Build new 46.5 mile 345 kv line from Elk City to Gracemont (OGE portion).	4/1/2013	3/1/2018
SPS	HOBBS INTERCHANGE 230/115KV TRANSFORMER CKT 2	Modify 230 kv bus to provide termination points for moving 230 kv lines from Lea County Sub to Hobbs. Retire Lea County 150 MVA 230/115 kv transformer. Install new 240 MVA 230/115 kv transformer at Hobbs.	4/1/2013	12/1/2013
SPS	Jones Station Bus#2 - LUBBOCK EAST INTERCHANGE 230KV CKT 1	Upgrade wave trap at both Jones Bus # 2 and Lubbock East Interchange	6/1/2018	6/1/2018
SPS	LUBBOCK EAST INTERCHANGE - LUBBOCK SOUTH INTERCHANGE 115KV CKT 1	Rebuild 6.8 miles of 115 kv line	6/1/2018	6/1/2018
SPS	LUBBOCK SOUTH INTERCHANGE 230/115/13.2KV TRANSFORMER CKT 2	Install a second 230/115/13.2 kv transformer at Lubbock South.	6/1/2014	6/1/2018
SPS	RANDALL COUNTY INTERCHANGE 230/115/13.2KV TRANSFORMER CKT 2	Install second 230/115 kv transformer in Randall substation.	4/1/2013	6/1/2013
SPS	XFR - Deaf Smith Ckt1 and Ckt2	Upgrade both transformers	6/1/2013	6/1/2016
WERE	Device - Northwest Manhattan Cap 115 kv	Install 1 stage of 14.4 MVAR	6/1/2013	6/1/2014
WERE	Elm Creek to Summit 345 kv WERE	Build new 345 kv line from Elm Creek to Summit (Westar portion)	4/1/2013	3/1/2018
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.	6/1/2013	6/1/2017
WERE	GREENLEAF - KNOB HILL 115KV CKT 1 WERE	Replace Terminal Equipment	4/1/2013	6/1/2014

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 - 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	KCP Sponsored Project to Reconductor Line to be In-Service by 6/1/2006	6/1/2006	6/1/2006
MKEC	ALEXANDER - PRATT 115KV CKT 1	Rebuild line	12/1/2009	6/1/2013
MKEC	ALEXANDER - SAMMYER 3 115.00 115KV CKT 1	Rebuild line	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 Credit Entry	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	MEDICINE LODGE - SAWYER 115KV CKT 1	Rebuild line	12/1/2009	6/1/2013
MKEC	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	Upgrade transformer	12/1/2009	6/1/2013
MKEC	Mullergren - Reno 345KV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345KV Mullergren - Reno	10/1/2012	6/1/2019
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 - Mullergren 345kv Dbl CKT	Build approximately 74 miles of double 345kv Spearville - Mullergren	10/1/2012	6/1/2019
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 lineto 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-D2 at Neligh.		
NPPD	NELIGH - PETERSBURG 115KV CKT 1	Replace main bus at Petersburg. Upgrade and replace transmission structures on 115 kv lineto facilitate 100 degrees Centigrade line operation.	1/1/2013	1/1/2013
OKGE	BEELINE - EXPLORER GLENPOOL 138KV CKT 1	Reconductor .92miles of line with Drake ACCC/TW.	6/1/2009	6/1/2009
OKGE	EXPLORER GLENPOOL - 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	Rebuild 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 EHV 138KV CKT 1	Build 5 miles of 138 kv and install terminal equipment	1/1/2010	1/1/2010
OKGE	WOODWARD - WOODWARD EHV 138KV CKT 2	Build 5 miles of 138 kv and install terminal equipment	1/1/2010	1/1/2010
OKGE	WOODWARD 345/138KV TRANSFORMER CKT 1	Install 345/138 kv XF	1/1/2010	1/1/2010
SPS	CHERRY6 230.00 - Harrington Station East Bus 230KV CKT 1	Replace wavetrap at Harrington East	6/1/2015	6/1/2015
WERE	Mullergren - Reno 345KV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345KV Mullergren - Reno	10/1/2012	6/1/2019
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	6/1/2013	6/1/2013	\$100,000.00
AECI	CLINTON - MONTROSE 161KV CKT 1 AECI	Upgrade limiting terminal equipment at Clinton	6/1/2013	6/1/2014	\$180,000.00
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, 138KV XFMR low side breaker and bus to obtain 2000A min	4/1/2013	6/1/2014	Note 1
INDN	ECKLES - SIBLEYPL 161.00 161KV CKT 1	Indeterminate	6/1/2014	6/1/2014	Indeterminate
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.	6/1/2013	6/1/2015	Note 2
SWPA	BUFORD 5 161.00 - BULL SHOALS 161KV CKT 1	Rebuild line with 1192 ACSR, Grackle	6/1/2013	6/1/2016	\$7,650,000.00
SWPA	BUFORD 5 161.00 - NORFORK 161KV CKT 1	Rebuild line with 1192 ACSR, Grackle	6/1/2014	6/1/2016	\$5,450,000.00
SWPA	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	Replace 600 amp disconnect switches at Springfield.	4/1/2013	10/1/2013	Note 2
SWPA	NORTH WARSAW - TRUMAN 161KV CKT 1 SWPA #1	Replace wave trap and CTs at Truman.	6/1/2013	6/1/2014	\$70,000.00

Note 1: 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 2: SWPA Network Upgrades - Construction Pending - The requested service is contingent upon completion of the following upgrades. Cost is not assignable to the transmission customer