



Aggregate Facility Study SPP-2011-AGP1-AFS-5

1/27/12

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), 5680 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 \$281 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 \$561 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 January 27, 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 February 11, 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 2010-AG3 open season commenced June 1, 2010 and closed September 30, 2010.
- The 2011-AG1 open season commenced October 1, 2010 and closed January 31, 2010.
- All All requests for long-term transmission service with a signed study agreement received before October 1, 2010 for 2010-AG3 and February 1, 2011 for 2011-AG1 have been included in the first paired Aggregate Transmission Service Study (ATSS) of 2011.

Approximately 5680 MW of long-term Transmission Service was studied in this Aggregate Facility Study (AFS), and over \$281 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 deferral 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 AECL, 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 5860 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 5860 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.

Curtailement and Redispatch Evaluation

During any period in which SPP determines that a transmission constraint exists on and may impair Transmission System reliability, SPP will take whatever actions are reasonably necessary to maintain reliability. If SPP determines Transmission System reliability can be maintained by redispatching resources, it will evaluate the interim curtailement 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. Curtailement of existing confirmed service is evaluated to provide only interim service. Curtailement 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 January 27, 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 February 11, 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 redispatch	Deferred Stop Date without interim redispatch	Start Date with interim redispatch	Stop Date with interim redispatch	Minimum Allocated ATC (MW) within reservation period	Season of Minimum Allocated ATC within reservation period
AECC	AG1-2011-032	75197033	OKGE	OKGE	238	7/1/2015	7/1/2020	7/1/2015	7/1/2020	Note 4	Note 4	0	22SP
AECC	AG1-2011-036	75197522	SPA	OKGE	89	7/1/2015	7/1/2020	7/1/2015	7/1/2020	Note 4	Note 4	0	22SP
AECC	AG1-2011-038	75197570	CSWS	OKGE	710	7/1/2015	7/1/2020	7/1/2015	7/1/2020	Note 4	Note 4	0	22SP
AECC	AG1-2011-039	75197442	CSWS	CSWS	170	6/1/2015	6/1/2020	6/1/2015	6/1/2020	Note 4	Note 4	0	22SP
AECC	AG1-2011-040	75197472	CSWS	OKGE	170	7/1/2015	6/1/2020	7/1/2015	6/1/2020	Note 4	Note 4	0	22SP
AECC	AG1-2011-041	75197551	EES	OKGE	320	7/1/2015	7/1/2020	7/1/2015	7/1/2020	Note 4	Note 4	0	22SP
AEPM	AG1-2011-092	75191922	CSWS	CLEC	70	6/1/2014	6/1/2019	6/1/2016	6/1/2021	6/1/2016	6/1/2021	0	17SP
APM	AG1-2011-022	75197582	AECI	SPA	4	6/1/2012	6/1/2022	6/1/2012	6/1/2022	Note 4	Note 4	0	12SP
BPAE	AG1-2011-018	75181762	WR	AECI	50	11/1/2012	11/1/2017	6/1/2016	6/1/2021	6/1/2016	6/1/2021	0	13SP
BPAE	AG1-2011-019	75181747	WR	AECI	150	11/1/2012	11/1/2017	6/1/2018	6/1/2023	6/1/2016	6/1/2021	0	13SP
CRGL	AG1-2011-072	75199832	SPS	EES	242	12/1/2012	12/1/2017	6/1/2018	6/1/2023	6/1/2016	6/1/2021	0	13SP
CRGL	AG1-2011-073	75199999	SECI	EES	500	7/1/2014	7/1/2019	6/1/2018	6/1/2023	6/1/2016	6/1/2021	0	22SP
CRGL	AG1-2011-078	75199798	SPS	EES	300	12/1/2012	12/1/2032	6/1/2018	6/1/2038	6/1/2016	6/1/2036	0	13SP
CRGL	AG1-2011-079	75199802	OKGE	EES	98	12/1/2012	12/1/2032	6/1/2018	6/1/2038	6/1/2016	6/1/2036	0	13SP
CRGL	AG1-2011-081	75199815	NPPD	EES	200	12/1/2012	12/1/2032	6/1/2016	6/1/2036	6/1/2016	6/1/2036	0	13SP
CRGL	AG3-2010-006	74677326	NPPD	EES	100	7/1/2012	7/1/2032	6/1/2016	6/1/2036	6/1/2016	6/1/2036	0	13SP
FPLP	AG1-2011-107	75104152	CSWS	EES	100	1/1/2012	1/1/2032	6/1/2018	6/1/2038	6/1/2016	6/1/2036	0	12SP
HCPD	AG1-2011-104	75157718	NPPD	AMRN	10	1/1/2013	1/1/2043	6/1/2016	6/1/2046	6/1/2016	6/1/2046	0	13SP
HCPD	AG1-2011-105	75157720	NPPD	AMRN	20	1/1/2013	1/1/2043	6/1/2016	6/1/2046	6/1/2016	6/1/2046	0	13SP
HZN	AG1-2011-051	75181717	WR	AECI	100	10/1/2012	10/1/2017	6/1/2016	6/1/2021	Note 4	Note 4	0	13SP
HZN	AG1-2011-052	75181735	WR	AMRN	100	10/1/2012	10/1/2017	6/1/2016	6/1/2021	Note 4	Note 4	0	13SP
HZN	AG1-2011-053	75181741	WR	EES	100	10/1/2012	10/1/2017	6/1/2016	6/1/2021	Note 4	Note 4	0	13SP
HZN	AG1-2011-055	75181743	WFEC	EES	100	1/1/2012	1/1/2017	6/1/2018	6/1/2023	Note 4	Note 4	0	12SP
KCPS	AG1-2011-001	74881463	KCPL	EES	100	8/1/2011	8/1/2016	6/1/2016	6/1/2021	6/1/2016	6/1/2021	0	12SP
KCPS	AG1-2011-011	75181547	NPPD	KCPL	20	1/1/2014	1/1/2024	6/1/2018	6/1/2028	1/1/2014	1/1/2024	0	17SP
KCPS	AG1-2011-012	75181564	NPPD	KCPL	20	1/1/2014	1/1/2024	6/1/2018	6/1/2028	1/1/2014	1/1/2024	0	17SP
KCPS	AG1-2011-013	75181568	NPPD	KCPL	22	1/1/2014	1/1/2024	6/1/2018	6/1/2028	1/1/2014	1/1/2024	0	17SP
KCPS	AG1-2011-057	75199886	SECI	KCPL	50	8/1/2011	8/31/2013	Note 3	Note 3	6/1/2012	8/31/2013	0	12SP
KCPS	AG1-2011-061	75199893	SECI	KCPL	50	8/1/2011	8/31/2013	Note 3	Note 3	6/1/2012	8/31/2013	0	12SP
KMEA	AG1-2011-094	75200249	SPA	SECI	1	11/1/2013	12/31/2018	11/1/2013	12/1/2018	11/1/2013	12/1/2018	0	17SP
KMEA	AG1-2011-095	75199561	OPPD	WR	6	2/1/2012	2/1/2017	1/1/2015	1/1/2020	6/1/2012	6/1/2017	0	12SP
KMEA	AG1-2011-096	75200582	SECI	SECI	23	1/1/2012	6/1/2026	6/1/2018	11/1/2032	6/1/2012	11/1/2026	0	12SP
KPP	AG1-2011-111	75173442	NPPD	WR	30	10/1/2012	10/1/2017	6/1/2018	6/1/2023	10/1/2012	10/1/2017	0	13SP
LES	AG1-2011-006	75134451	NPPD	LES	10	10/1/2012	10/1/2017	6/1/2018	6/1/2023	10/1/2012	10/1/2017	0	13SP
MEAN	AG1-2011-044	75179416	NPPD	MEC	1	7/1/2011	7/1/2016	6/1/2012	6/1/2017	6/1/2012	6/1/2017	0	12SP
MEAN	AG1-2011-045	75179412	NPPD	MEC	2	7/1/2011	7/1/2016	6/1/2012	6/1/2017	6/1/2012	6/1/2017	0	12SP
MEAN	AG1-2011-046	75169245	NPPD	NPPD	4	7/1/2011	7/1/2016	6/1/2012	6/1/2017	6/1/2012	6/1/2017	0	12SP
MEAN	AG1-2011-047	75181551	NPPD	NPPD	4	10/1/2012	10/1/2022	10/1/2012	10/1/2022	10/1/2012	10/1/2022	0	13SP
MIDW	AG1-2011-084	75200166	WR	WR	15	6/1/2012	6/1/2017	6/1/2015	6/1/2020	6/1/2012	6/1/2017	0	12SP
MIDW	AG1-2011-085	75200168	WR	WR	5	6/1/2012	6/1/2017	6/1/2015	6/1/2020	6/1/2012	6/1/2017	0	12SP
MIDW	AG1-2011-086	75200171	WR	WR	5	6/1/2012	6/1/2017	6/1/2015	6/1/2020	6/1/2012	6/1/2017	0	12SP
MIDW	AG1-2011-087	75200180	WR	WR	5	6/1/2013	6/1/2018	6/1/2015	6/1/2020	6/1/2013	6/1/2018	0	13SP
MIDW	AG1-2011-088	75200183	WR	WR	5	6/1/2013	6/1/2018	6/1/2015	6/1/2020	6/1/2013	6/1/2018	0	13SP
NPPM	AG1-2011-066	75200206	NPPD	NPPD	1	12/1/2012	12/1/2017	12/1/2012	12/1/2017	12/1/2012	12/1/2017	0	13SP

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
NTEC	AG1-2011-109	75200060	CSWS	EES	125	1/1/2015	1/1/2020	6/1/2016	6/1/2021	6/1/2016	6/1/2021	0	22SP
NTEC	AG1-2011-110	75200061	EES	CSWS	75	1/1/2015	1/1/2020	6/1/2016	6/1/2021	1/1/2015	1/1/2020	0	22SP
OMPA	AG1-2011-049	75180762	CSWS	CSWS	50	6/1/2014	9/30/2018	6/1/2015	9/1/2019	6/1/2014	9/1/2018	0	17SP
OMPA	AG1-2011-050	75196276	CSWS	OKGE	3	3/1/2012	12/31/2027	6/1/2012	3/1/2028	6/1/2012	3/1/2028	0	12SP
OPPM	AG1-2011-025	75181578	NPPD	OPPD	13	10/1/2012	10/1/2017	10/1/2012	10/1/2017	10/1/2012	10/1/2017	0	13SP
OPPM	AG1-2011-026	75180047	NPPD	OPPD	18	12/1/2012	12/1/2017	6/1/2018	6/1/2023	12/1/2012	12/1/2017	0	13SP
OSAG	AG1-2011-067	75199837	WR	WR	10	8/1/2011	8/1/2013	6/1/2012	6/1/2014	6/1/2012	6/1/2014	0	12SP
PRBZ	AG1-2011-100	75197450	NPPD	EES	50	1/1/2014	1/1/2019	6/1/2016	6/1/2021	Note 4	Note 4	0	17SP
PRBZ	AG1-2011-102	75197468	NPPD	EES	50	1/1/2014	1/1/2019	6/1/2016	6/1/2021	Note 4	Note 4	0	17SP
PRBZ	AG1-2011-103	75197435	NPPD	EES	100	1/1/2014	1/1/2019	6/1/2016	6/1/2021	Note 4	Note 4	0	17SP
SECI	AG1-2011-108	75173900	SECI	SECI	80	7/1/2012	7/1/2032	6/1/2015	6/1/2035	Note 4	Note 4	0	13SP
SPSM	AG1-2011-064	75197996	SPS	SPS	42	6/1/2012	6/1/2045	6/1/2015	6/1/2048	6/1/2012	6/1/2045	0	12SP
SPSM	AG1-2011-065	75197998	SPS	SPS	29	6/1/2012	6/1/2032	6/1/2015	6/1/2035	6/1/2012	6/1/2032	0	12SP
TNSK	AG1-2011-029	75108845	KCPL	ERCOTE	44	8/1/2011	6/1/2014	Note 3	Note 3	Note 3	Note 3	0	12SP
TNSK	AG1-2011-030	75108838	KCPL	ERCOTE	6	8/1/2011	6/1/2014	Note 3	Note 3	Note 3	Note 3	0	12SP
TNSK	AG1-2011-031	75113025	KCPL	ERCOTN	12	8/1/2011	1/1/2017	6/1/2016	1/1/2017	6/1/2016	1/1/2017	0	12SP
WFEC	AG1-2011-097	75179329	CSWS	WFEC	150	1/1/2012	1/1/2037	1/1/2015	1/1/2040	Note 4	Note 4	0	12SP
WRGS	AG1-2011-002	74977737	OKGE	WR	300	1/1/2016	6/1/2027	1/1/2016	6/1/2027	1/1/2016	6/1/2027	0	22SP
WRGS	AG1-2011-003	75021167	WR	WR	201	10/1/2012	1/1/2032	6/1/2018	9/1/2037	7/15/2013	10/15/2032	0	13SP
WRGS	AG1-2011-068	75020339	WR	WR	2	1/1/2012	1/1/2014	6/1/2012	6/1/2014	6/1/2012	6/1/2014	0	12SP

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

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

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

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

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

Customer	Study Number	Reservation	Engineering and Construction Cost of Upgrades Allocated to Customer for Revenue Requirements	¹ Letter of Credit Amount Required	² Potential Base Plan Engineering and Construction Funding Allowable	Notes	⁴ Additional Engineering and Construction Cost for 3rd Party Upgrades	^{3,5} Total Revenue Requirements for Assigned Upgrades Over Term of Reservation WITH Potential Base Plan Funding Allocation	Point-to-Point Base Rate Over Reservation Period	⁴ Total Cost of Reservation Assignable to Customer Contingent Upon Base Plan Funding
AECC	AG1-2011-032	75197033	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
AECC	AG1-2011-036	75197522	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
AECC	AG1-2011-038	75197570	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
AECC	AG1-2011-039	75197442	\$ 2,755,852	\$ -	\$ 2,755,852		\$ 66,912,401	\$ -	\$ -	Schedule 9 & 11 Charges
AECC	AG1-2011-040	75197472	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
AECC	AG1-2011-041	75197551	\$ 16,807	\$ -	\$ 16,807		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
AEPM	AG1-2011-092	75191922	\$ -	\$ -	\$ -		Indeterminate	\$ -	\$ -	Schedule 9 & 11 Charges
APM	AG1-2011-022	75197582	\$ -	\$ -	\$ -	6	\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
BPAE	AG1-2011-018	75181762	\$ 8,093,909	\$ 8,093,909	\$ -		Indeterminate	\$ 16,033,908	\$ 2,544,000	\$ 16,033,908
BPAE	AG1-2011-019	75181747	\$ 24,281,913	\$ 24,281,913	\$ -		Indeterminate	\$ 48,481,114	\$ 7,632,000	\$ 48,481,114
CRGL	AG1-2011-072	75199832	\$ 25,955,311	\$ 25,955,310	\$ -	7,14	Indeterminate	\$ 53,270,830	\$ 17,133,600	\$ 53,270,830
CRGL	AG1-2011-073	75199999	\$ 57,189,072	\$ 57,189,070	\$ -		\$ 5,370,548	\$ 118,905,400	\$ 35,400,000	\$ 118,905,400
CRGL	AG1-2011-078	75199798	\$ 34,116,573	\$ 34,116,570	\$ -	8,14	\$ 3,075,139	\$ 109,298,600	\$ 84,960,000	\$ 109,298,600
CRGL	AG1-2011-079	75199802	\$ 4,944,892	\$ 4,944,892	\$ -		\$ 981,662	\$ 15,387,240	\$ 27,753,600	\$ 27,753,600
CRGL	AG1-2011-081	75199815	\$ -	\$ -	\$ -	9,14	Indeterminate	\$ -	\$ 56,640,000	\$ 56,640,000
CRGL	AG3-2010-006	74677326	\$ -	\$ -	\$ -	10,14	Indeterminate	\$ -	\$ 28,320,000	\$ 28,320,000
FPLP	AG1-2011-107	75104152	\$ 5,124,034	\$ 5,124,034	\$ -		Indeterminate	\$ 15,718,620	\$ 28,320,000	\$ 28,320,000
HCPD	AG1-2011-104	75157718	\$ -	\$ -	\$ -		Indeterminate	\$ -	\$ 3,052,800	\$ 3,052,800
HCPD	AG1-2011-105	75157720	\$ -	\$ -	\$ -		Indeterminate	\$ -	\$ 6,105,600	\$ 6,105,600
HZN	AG1-2011-051	75181717	\$ 13,931,377	\$ 13,931,377	\$ -	12,14	\$ 966,570	\$ 27,434,519	\$ 5,088,000	\$ 27,434,519
HZN	AG1-2011-052	75181735	\$ 2,937,733	\$ 2,937,733	\$ -	13,14	\$ 582,362	\$ 5,682,910	\$ 5,088,000	\$ 5,682,910
HZN	AG1-2011-053	75181741	\$ 2,935,548	\$ 2,935,548	\$ -		\$ 1,294,711	\$ 5,679,052	\$ 7,080,000	\$ 7,080,000
HZN	AG1-2011-055	75181743	\$ 13,256,816	\$ 13,256,820	\$ -		Indeterminate	\$ 26,288,880	\$ 7,080,000	\$ 26,288,880
KCPS	AG1-2011-001	74881463	\$ 2,594,833	\$ 2,594,833	\$ -		Indeterminate	\$ 5,960,811	\$ 7,080,000	\$ 7,080,000
KCPS	AG1-2011-011	75181547	\$ 2,621,618	\$ 2,621,618	\$ -		\$ -	\$ 5,057,766	\$ -	\$ 5,057,766
KCPS	AG1-2011-012	75181564	\$ 1,960,541	\$ 1,960,541	\$ -		\$ -	\$ 3,805,383	\$ -	\$ 3,805,383
KCPS	AG1-2011-013	75181568	\$ 2,076,387	\$ 2,076,387	\$ -		\$ -	\$ 4,033,971	\$ -	\$ 4,033,971
KCPS	AG1-2011-057	75199886	\$ 1,071,361	\$ 1,071,361	\$ -		\$ -	\$ 1,533,332	\$ 636,000	\$ 1,533,332
KCPS	AG1-2011-061	75199893	\$ 1,071,361	\$ 1,071,361	\$ -		\$ -	\$ 1,533,332	\$ 636,000	\$ 1,533,332
KMEA	AG1-2011-094	75200249	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
KMEA	AG1-2011-095	75199561	\$ -	\$ -	\$ -	16	\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
KMEA	AG1-2011-096	75200582	\$ 581,650	\$ -	\$ 581,650		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
KPP	AG1-2011-111	75173442	\$ 9,781,275	\$ 4,381,275	\$ 5,400,000		\$ -	\$ 7,966,183	\$ -	\$ 7,966,183
LESM	AG1-2011-006	75134451	\$ 730,909	\$ 730,909	\$ -		\$ -	\$ 1,099,583	\$ -	\$ 1,099,583
MEAN	AG1-2011-044	75179416	\$ -	\$ -	\$ -		\$ -	\$ -	\$ 64,800	\$ 64,800
MEAN	AG1-2011-045	75179412	\$ -	\$ -	\$ -		\$ -	\$ -	\$ 129,600	\$ 129,600
MEAN	AG1-2011-046	75169245	\$ 591,654	\$ 591,654	\$ -		\$ -	\$ 866,387	\$ -	\$ 866,387
MEAN	AG1-2011-047	75181551	\$ 311,087	\$ -	\$ 311,087		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
MIDW	AG1-2011-084	75200166	\$ 609,075	\$ -	\$ 609,075		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
MIDW	AG1-2011-085	75200168	\$ 203,030	\$ -	\$ 203,030		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
MIDW	AG1-2011-086	75200171	\$ 203,030	\$ -	\$ 203,030		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
MIDW	AG1-2011-087	75200180	\$ 203,030	\$ -	\$ 203,030		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
MIDW	AG1-2011-088	75200183	\$ 203,030	\$ -	\$ 203,030		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
NPPM	AG1-2011-066	75200206	\$ 124,988	\$ 124,988	\$ -		\$ -	\$ 190,062	\$ 85,837	\$ 190,062

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
NTEC	AG1-2011-109	75200060	\$ -	\$ -	\$ -		Indeterminate	\$ -	\$ 8,850,000	\$ 8,850,000
NTEC	AG1-2011-110	75200061	\$ -	\$ -	\$ -		Indeterminate	\$ -	\$ -	Schedule 9 & 11 Charges
OMPA	AG1-2011-049	75180762	\$ 264,028	\$ -	\$ 264,028		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
OMPA	AG1-2011-050	75196276	\$ 1,615,411	\$ -	\$ 1,615,411		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
OPPM	AG1-2011-025	75181578	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
OPPM	AG1-2011-026	75180047	\$ 1,478,498	\$ -	\$ 1,478,498		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
OSAG	AG1-2011-067	75199837	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
PRBZ	AG1-2011-100	75197450	\$ -	\$ -	\$ -		Indeterminate	\$ -	\$ 3,540,000	\$ 3,540,000
PRBZ	AG1-2011-102	75197468	\$ -	\$ -	\$ -		Indeterminate	\$ -	\$ 3,540,000	\$ 3,540,000
PRBZ	AG1-2011-103	75197435	\$ -	\$ -	\$ -		Indeterminate	\$ -	\$ 7,080,000	\$ 7,080,000
SECI	AG1-2011-108	75173900	\$ 2,054,579	\$ 252,449	\$ 1,802,130		\$ -	\$ 843,072	\$ -	\$ 843,072
SPSM	AG1-2011-064	75197996	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
SPSM	AG1-2011-065	75197998	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
TNSK	AG1-2011-029	75108845	\$ -	\$ -	\$ -		Indeterminate	\$ -	\$ -	\$ -
TNSK	AG1-2011-030	75108838	\$ -	\$ -	\$ -		Indeterminate	\$ -	\$ -	\$ -
TNSK	AG1-2011-031	75113025	\$ 303,947	\$ 303,947	\$ -		Indeterminate	\$ 582,755	\$ 131,933	\$ 582,755
WFEC	AG1-2011-097	75179329	\$ 26,250,000	\$ 26,250,000	\$ -		\$ -	\$ 82,805,740	\$ -	\$ 82,805,740
WRGS	AG1-2011-002	74977737	\$ 1,090,827	\$ -	\$ 1,090,827		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
WRGS	AG1-2011-003	75021167	\$ 27,755,071	\$ 773,538	\$ 27,755,071		\$ -	\$ 2,734,435	\$ -	\$ 2,734,435
WRGS	AG1-2011-068	75020339	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	Schedule 9 & 11 Charges
Grand Total			\$ 281,291,057		\$ 44,492,556			\$ 561,193,885		

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

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

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

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

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

Note 6: Request submitted in anticipation of FERC acceptance of SPP OATT Attachment AD amendments providing for SPP NITS on the SPA Transmission System.

Note 7: Mutually exclusive with request 75199798. System impacts identified by only modeling mutually exclusive request 75199798. Also, mutually exclusive with request 74242552 and 74242553 in SPP-2010-AGP1.

Note 8: Mutually exclusive with request 75199832. System impacts identified by only modeling mutually exclusive request 75199798. Also, mutually exclusive with request 74242552 and 74242553 in SPP-2010-AGP1.

Note 9: Mutually exclusive with request 74677326. System impacts identified by only modeling mutually exclusive request 75199815.

Note 10: Mutually exclusive with request 75199815. System impacts identified by only modeling mutually exclusive request 75199815.

Note 11: Mutually exclusive with request 75181735. System impacts identified by only modeling mutually exclusive request 75181735.

Note 12: Mutually exclusive with request 75181717. System impacts identified by only modeling mutually exclusive request 75181735.

Note 13: ATSS cost allocation includes all customer mutually exclusive requests in SPP-2011-AGP1.

Note 14: The estimated engineering and construction cost for the Pawnee to Larned 115 kV line has a 2009 year effective date. This estimate will be updated with a 2012 year effective date.

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

Customer Study Number
 AECC AG1-2011-032

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
AECC	75197033	OKGE	OKGE	238	7/1/2015	7/1/2020			\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75197033	None					\$ -	\$ -	\$ -
Total						\$ -	\$ -	\$ -

*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
 AECC AG1-2011-036

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
AECC	75197522	SPA	OKGE	89	7/1/2015	7/1/2020			\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75197522	None					\$ -	\$ -	\$ -
Total						\$ -	\$ -	\$ -

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
75197522	BEE LINE - 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		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	KNOBHILL (KNOBHIL4) 138/69/13.2KV TRANSFORMER CKT 1	6/1/2006	6/1/2008		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	MCNAB REC - TURK 115KV CKT 1	7/1/2012	7/1/2012		
	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		

*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
 AECC AG1-2011-038

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
AECC	75197570	CSWS	OKGE	710	7/1/2015	7/1/2020			\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75197570	None					\$ -	\$ -	\$ -
						Total	\$ -	\$ -

*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
 AECC AG1-2011-039

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
AECC	75197442	CSWS	CSWS	170	6/1/2015	6/1/2020			\$ 2,755,852	\$ -	\$ 2,755,852	\$ 5,375,895
									\$ 2,755,852	\$ -	\$ 2,755,852	\$ 5,375,895

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75197442	5 TRIBES - HANCOCK 161KV CKT 1 #2	6/1/2013	6/1/2015			\$ 2,362,611	\$ 4,000,000	\$ 4,613,874
	5 TRIBES - PECAN CREEK 161KV CKT 1 Accelerate	6/1/2013	6/1/2015			\$ 393,241	\$ 662,326	\$ 762,021
					Total	\$ 2,755,852	\$ 4,662,326	\$ 5,375,895

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
75197442	5 TRIBES - HANCOCK 161KV CKT 1 #1	6/1/2013	6/1/2014		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75197442	ASHDOWN REC (MILLWOOD) - OKAY 138KV CKT 1	7/1/2012	7/1/2012		
	ASHDOWN REC (MILLWOOD) - PATTERSON 138KV CKT 1	7/1/2012	7/1/2012		
	BANN - RED SPRINGS REC 138KV CKT 1	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	MCNAB REC - TURK 115KV CKT 1	7/1/2012	7/1/2012		
	OKAY - TURK 138KV CKT 1	7/1/2012	7/1/2012		
	SE TEXARKANA - TURK 138KV CKT 1	7/1/2012	7/1/2012		
	SUGAR HILL - TURK 138KV CKT 1	7/1/2012	7/1/2012		

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

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75197442	Per Entergy Affected System Impact Study ICTT-ASA-2011-013	6/1/2015	6/1/2015		No	\$ 66,912,401	\$ 66,912,401
					Total	\$ 66,912,401	\$ 66,912,401

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

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

Customer Study Number
 AECC AG1-2011-040

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
AECC	75197472	CSWS	OKGE	170	7/1/2015	6/1/2020			\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75197472	None					\$ -	\$ -	\$ -
Total						\$ -	\$ -	\$ -

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
75197472	ALUMAX TAP - BANN 138KV CKT 1	6/1/2008	6/1/2008		
	BANN - RED SPRINGS REC 138KV CKT 1	7/1/2012	7/1/2012		
	BEELINE - EXPLORER GLENPOOL 138KV CKT 1	6/1/2009	6/1/2009		
	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW	6/1/2009	6/1/2009		
	FLATRDG3 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2009	6/1/2013		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	KNOBHILL (KNOBHIL4) 138/69/13.2KV TRANSFORMER CKT 1	6/1/2006	6/1/2008		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	12/1/2009	6/1/2013		
	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		

*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
 AECC AG1-2011-041

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
AECC	75197551	EES	OKGE	320	7/1/2015	7/1/2020			\$ 16,807	\$ -	\$ 16,807	\$ 35,913
									\$ 16,807	\$ -	\$ 16,807	\$ 35,913

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75197551	Device - Timber Jct 138 kV Capacitor #2	6/1/2014	6/1/2014			\$ 16,807	\$ 1,022,400	\$ 35,913
Total						\$ 16,807	\$ 1,022,400	\$ 35,913

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
75197551	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		
	ALUMAX TAP - BANN 138KV CKT 1	6/1/2008	6/1/2008		
	BANN - RED SPRINGS REC 138KV CKT 1	7/1/2012	7/1/2012		
	BEELINE - EXPLORER GLENPOOL 138KV CKT 1	6/1/2009	6/1/2009		
	CHERRY6 230.00 - Harrington Station East Bus 230KV CKT 1	6/1/2015	6/1/2015		
	CLIFTON - GREENLEAF 115KV CKT 1	6/1/2011	6/1/2013		
	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW	6/1/2009	6/1/2009		
	FLATRDG3 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2009	6/1/2013		
	FT RANDAL - MADISONCO 230.00 230KV CKT 1	11/1/2014	11/1/2014		
	APACHE CO SUB - PARADISE 138KV CKT 1	6/1/2010	6/1/2013		
	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	6/1/2013	6/1/2013		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	KELLY - MADISONCO 230.00 230KV CKT 1	11/1/2014	11/1/2014		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	MENAB REC - TURK 115KV CKT 1	7/1/2012	7/1/2012		
	MEDICINE LODGE - SAWYER 115KV CKT 1	12/1/2009	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	12/1/2009	6/1/2013		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	SUB 110 - ORONOGO JCT. - SUB 167 - RIVERTON 161KV CKT 1	6/1/2011	6/1/2011		
	SUGAR HILL - TURK 138KV CKT 1	7/1/2012	7/1/2012		
	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		

*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 AG1-2011-092

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
AEPM	75191922	CSWS	CLEC	70	6/1/2014	6/1/2019	6/1/2016	6/1/2021	\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75191922	None					\$ -	\$ -	\$ -
Total						\$ -	\$ -	\$ -

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
75191922	ALBION - PETERSBURG 115KV CKT 1			1/1/2013	1/1/2013
	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
	ALTUS SW - NAVAJO 69KV CKT 1			6/1/2013	6/1/2013
	ALUMAX TAP - BANN 138KV CKT 1			6/1/2008	6/1/2008
	ASHDOWN REC (MILLWOOD) - OKAY 138KV CKT 1			7/1/2012	7/1/2012
	ASHDOWN REC (MILLWOOD) - PATTERSON 138KV CKT 1			7/1/2012	7/1/2012
	BANN - RED SPRINGS REC 138KV CKT 1			7/1/2012	7/1/2012
	BEEELINE - EXPLORER GLENPOOL 138KV CKT 1			6/1/2009	6/1/2009
	CHERRY6 230.00 - Harrington Station East Bus 230KV CKT 1			6/1/2015	6/1/2015
	CLIFTON - GREENLEAF 115KV CKT 1			6/1/2011	6/1/2013
	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW			6/1/2009	6/1/2009
	FLATRDG3 138.00 - MEDICINE LODGE 138KV CKT 1			12/1/2009	6/1/2013
	FLATRDG3 138.00 - HARPER 138KV CKT 1			12/1/2009	6/1/2013
	FT RANDAL - MADISONCO 230.00 230KV CKT 1			11/1/2014	11/1/2014
	APACHE CO SUB - PARADISE 138KV CKT 1			6/1/2010	6/1/2013
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 OKGE			1/1/2012	1/1/2012
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 WFEC			1/1/2012	1/1/2012
	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC			6/1/2013	6/1/2013
	HUGO POWER PLANT - VALLIANT 345 KV AEPW			7/1/2012	7/1/2012
	HUGO POWER PLANT - VALLIANT 345 KV WFEC			7/1/2012	7/1/2012
	HUGO POWER PLANT 345/138KV TRANSFORMER CKT 1			7/1/2012	7/1/2012
	KELLY - MADISONCO 230.00 230KV CKT 1			11/1/2014	11/1/2014
	LACYGNE - WEST GARDNER 345KV CKT 1			6/1/2006	6/1/2006
	MCNAB REC - TURK 115KV CKT 1			7/1/2012	7/1/2012
	MEDICINE LODGE - SAWYER 115KV CKT 1			12/1/2009	6/1/2013
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement			12/1/2009	6/1/2013
	NELIGH - PETERSBURG 115KV CKT 1			1/1/2013	1/1/2013
	NORTHWEST - TATONGA 345KV CKT 1			1/1/2010	1/1/2010
	OKAY - TURK 138KV CKT 1			7/1/2012	7/1/2012
	SE TEXARKANA - TURK 138KV CKT 1			7/1/2012	7/1/2012
	SUB 110 - ORONOJO JCT. - SUB 167 - RIVERTON 161KV CKT 1			6/1/2011	6/1/2011
	SUGAR HILL - TURK 138KV CKT 1			7/1/2012	7/1/2012
	TALOGA (TALOGA) 138/69/13.8KV TRANSFORMER CKT 1			10/1/2010	6/1/2013
	TATONGA - WOODWARD 345KV CKT 1			1/1/2010	1/1/2010
	WOODWARD - IODINE 138KV CKT 1			1/1/2010	1/1/2010
	WOODWARD - WOODWARD EHV 138KV CKT 1			1/1/2010	1/1/2010
	WOODWARD - WOODWARD EHV 138KV CKT 2			1/1/2010	1/1/2010
	WOODWARD 345/138KV TRANSFORMER CKT 1			1/1/2010	1/1/2010

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

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

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75191922	7JASPER 345.00 - BLACKBERRY 345KV CKT 1	6/1/2014	6/1/2016		No	\$ 172,455	\$ 8,000,000
	7OVERTON 345.00 () 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	6/1/2016			\$ 137,139	\$ 16,100,000
	ADAMS CREEK - BOGALUSA 230KV CKT 1	10/1/2013	10/1/2013			100.00%	100.00%
	ADAMS CREEK - BOGALUSA 230KV CKT 2	10/1/2013	10/1/2013			100.00%	100.00%
	BARKERS 6 230.00 - BOGALUSA 230KV CKT 1 CELE	10/1/2012	10/1/2012			3.74%	100.00%
	BARKERS 6 230.00 - RAMSAY 230KV CKT 1	6/1/2014	6/1/2014			4.44%	100.00%
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	6/1/2013	6/1/2014			\$ 9,512	\$ 150,000
	DOBBIN - TUBULAR 138KV CKT 1	10/1/2014	10/1/2014			100.00%	100.00%
	GRIMES - MT. ZION 138KV CKT 1	10/1/2013	10/1/2013			100.00%	100.00%
	HUNTSVILLE - LINE 558 TAP 138KV CKT 1	10/1/2014	10/1/2014			100.00%	100.00%
	LEACH - TOLEDO BEND 138KV CKT 1	10/1/2013	10/1/2013			100.00%	100.00%
	LINE 558 TAP - MT. ZION 138KV CKT 1	10/1/2013	10/1/2013			100.00%	100.00%
	NAVSOTA - SOTA 138KV CKT 1	6/1/2014	6/1/2014			100.00%	100.00%
					Total	\$ 319,106	\$ 24,250,000

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

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

Customer Study Number
 APM AG1-2011-022

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
APM	75197582	AECI	SPA	4	6/1/2012	6/1/2022			\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75197582	None					\$ -	\$ -	\$ -
Total						\$ -	\$ -	\$ -

*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 AG1-2011-018

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
BPAE	75181762	WR	AECI	50	11/1/2012	11/1/2017	6/1/2016	6/1/2021	\$ -	\$ 2,544,000	\$ 8,093,909	\$ 16,033,908
									\$ -	\$ 2,544,000	\$ 8,093,909	\$ 16,033,908

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75181762	BIRMINGHAM - HAWTHORN 161KV CKT 1	6/1/2014	6/1/2015			\$ 566,272	\$ 5,000,000	\$ 1,371,849
	BIRMINGHAM - LIBERTY SOUTH 161KV CKT 1 KACP	6/1/2014	6/1/2015			\$ 431,262	\$ 3,807,900	\$ 950,581
	BIRMINGHAM - LIBERTY SOUTH 161KV CKT 1 MIPU	6/1/2014	6/1/2015			\$ 78,383	\$ 692,100	\$ 142,852
	GRAND ISLAND - SWEETWATER 345KV CKT 2	10/1/2012	6/1/2018			\$ 1,225,042	\$ 96,288,750	\$ 2,332,611
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2014	6/1/2017			\$ 2,768,440	\$ 67,140,000	\$ 5,723,884
	MIDWAY - ST JOE 161KV CKT 1	6/1/2014	6/1/2015		Yes	\$ 3,024,510	\$ 18,254,250	\$ 5,512,131
Total						\$ 8,093,909	\$ 191,183,000	\$ 16,033,908

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
75181762	IATAN - NASHUA 345KV CKT 1	10/1/2012	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
75181762	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1	6/1/2013	6/1/2014		
	Multi - Flint Creek - Shipe 345 kV and Shipe - East Centerton 161 kV	6/1/2013	6/1/2014		Yes
	Multi - Shipe - Osage Creek 345 kV	6/1/2013	6/1/2016		Yes

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75181762	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		

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

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75181762	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	6/1/2016		No	\$ 376,284	\$ 16,100,000
	Brookline - Compton Ridge 345 kV	6/1/2018	6/1/2018			25.00%	100.00%
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	6/1/2013	6/1/2014		Yes	\$ 14,738	\$ 150,000
	Compton Ridge - Cox Creek 345 kV	6/1/2018	6/1/2018			25.00%	100.00%
	Compton Ridge - Osage Creek 345 kV	6/1/2018	6/1/2018			25.00%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1	6/1/2018	6/1/2018			25.00%	100.00%
	Compton Ridge 345/161 kV Transformer	6/1/2018	6/1/2018			25.00%	100.00%
Total						\$ 391,022	\$ 16,250,000

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

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

Customer Study Number
BPAE AG1-2011-019

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
BPAE	75181747	WR	AECI	150	11/1/2012	11/1/2017	6/1/2018	6/1/2023	\$ -	\$ 7,632,000	\$ 24,281,913	\$ 48,481,114
									\$ -	\$ 7,632,000	\$ 24,281,913	\$ 48,481,114

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75181747	BIRMINGHAM - HAWTHORN 161KV CKT 1	6/1/2014	6/1/2015			\$ 1,698,862	\$ 5,000,000	\$ 4,494,672
	BIRMINGHAM - LIBERTY SOUTH 161KV CKT 1 KACP	6/1/2014	6/1/2015			\$ 1,293,819	\$ 3,807,900	\$ 2,851,814
	BIRMINGHAM - LIBERTY SOUTH 161KV CKT 1 MIPU	6/1/2014	6/1/2015			\$ 235,157	\$ 692,100	\$ 428,570
	GRAND ISLAND - SWEETWATER 345KV CKT 2	10/1/2012	6/1/2018		Yes	\$ 3,675,127	\$ 96,288,750	\$ 6,997,836
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2014	6/1/2017			\$ 8,305,417	\$ 67,140,000	\$ 17,171,853
	MIDWAY - ST JOE 161KV CKT 1	6/1/2014	6/1/2015		Yes	\$ 9,073,531	\$ 18,254,250	\$ 16,536,369
Total						\$ 24,281,913	\$ 191,183,000	\$ 48,481,114

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
75181747	IATAN - NASHUA 345KV CKT 1	10/1/2012	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
75181747	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1	6/1/2013	6/1/2014		
	Multi - Flint Creek - Shipe 345 kV and Shipe - East Centerton 161 kV	6/1/2013	6/1/2014		Yes
	Multi - Shipe - Osage Creek 345 kV	6/1/2013	6/1/2016		Yes

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75181747	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		

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

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75181747	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	6/1/2016		No	\$ 1,128,851	\$ 16,100,000
	Brookline - Compton Ridge 345 kV	6/1/2018	6/1/2018			75.00%	100.00%
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	6/1/2013	6/1/2014		Yes	\$ 44,213	\$ 150,000
	Compton Ridge - Cox Creek 345 kV	6/1/2018	6/1/2018			75.00%	100.00%
	Compton Ridge - Osage Creek 345 kV	6/1/2018	6/1/2018			75.00%	100.00%
	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1	6/1/2018	6/1/2018			75.00%	100.00%
	Compton Ridge 345/161 kV Transformer	6/1/2018	6/1/2018			75.00%	100.00%
Total						\$ 1,173,064	\$ 16,250,000

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

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

Customer Study Number
CRGL AG1-2011-072

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	75199832	SPS	EES	242	12/1/2012	12/1/2017	6/1/2018	6/1/2023	\$ -	\$ 17,133,600	\$ 25,955,311	\$ 53,270,833
									\$ -	\$ 17,133,600	\$ 25,955,311	\$ 53,270,833

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75199832	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC	10/1/2012	6/1/2015		Yes	\$ 446,954	\$ 3,150,000	\$ 1,303,516
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE	10/1/2012	6/1/2015		Yes	\$ 852,547	\$ 6,008,500	\$ 2,071,966
	GRAND ISLAND - SWEETWATER 345KV CKT 2	10/1/2012	6/1/2018		Yes	\$ 16,011,572	\$ 96,288,750	\$ 30,487,748
	GREENLEAF - KNOB HILL 115KV CKT 1 WERE Accelerate	12/1/2012	6/1/2013		Yes	\$ 10,017	\$ 23,859	\$ 26,718
	HARPER - MILAN TAP 138KV CKT 1 #1	10/1/2012	6/1/2014		Yes	\$ 31,925	\$ 225,000	\$ 99,210
	HARPER - MILAN TAP 138KV CKT 1 #2	10/1/2012	6/1/2015		Yes	\$ 1,762,304	\$ 12,420,200	\$ 5,139,660
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2014	6/1/2017			\$ 6,839,992	\$ 67,140,000	\$ 14,142,016
					Total	\$ 25,955,311	\$ 185,256,309	\$ 53,270,833

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
75199832	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	6/1/2012	1/1/2015		Yes
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	6/1/2012	7/1/2014		Yes
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	6/1/2012	7/1/2014		Yes
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE	6/1/2012	1/1/2015		Yes
	Line - NPPD - Axtell - Kansas Border 345 kv	10/1/2012	6/1/2013		
	Line - Post Rock - Axtell 345 kv	10/1/2012	6/1/2013		
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	6/1/2012	1/1/2015		Yes
	Line - Spearville - Post Rock 345 kv	10/1/2012	10/1/2012		
	TUCCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		Yes
	TUCCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		Yes
	XFR - Post Rock 345/230 kv	10/1/2012	10/1/2012		
	XFR - Medicine Lodge 345/138 kv	6/1/2012	1/1/2015		Yes

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75199832	FLATRDG3 138.00 - HARPER 138KV CKT 1	6/1/2012	1/1/2014		Yes
	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	12/1/2012	1/1/2013		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
75199832	FLATRDG3 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2009	6/1/2013		
	FLATRDG3 138.00 - HARPER 138KV CKT 1	12/1/2009	6/1/2013		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	MCNAB REC - TURK 115KV CKT 1	7/1/2012	7/1/2012		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	12/1/2009	6/1/2013		
	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.

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75199832	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	6/1/2012	6/1/2015		Yes

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

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75199832	7JASPER 345.00 - BLACKBERRY 345KV CKT 1	6/1/2014	6/1/2016		No	\$ 887,217	\$ 8,000,000
	ZOVERTON 345.00 () 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	6/1/2016		No	\$ 1,458,794	\$ 16,100,000
	BARKERS 6 230.00 - BOGALUSA 230KV CKT 1 CELE	10/1/2012	10/1/2012			30.16%	100.00%
	BARKERS 6 230.00 - RAMSAY 230KV CKT 1	6/1/2014	6/1/2014			27.42%	100.00%
	CHAMPAGNE - PLAISANCE 138KV CKT 1 CELE	6/1/2013	6/1/2013			31.51%	100.00%
	CLINTON - MONTROSE 161KV CKT 1 AECL	6/1/2014	6/1/2015			\$ 14,328	\$ 180,000
	COCODRIE 230/138KV TRANSFORMER CKT 1	6/1/2013	6/1/2013			27.42%	100.00%
	TOLEDO BEND - VAN PLY TAP 138KV CKT 1 CELE	10/1/2013	10/1/2013			33.09%	100.00%
					Total	\$ 2,360,339	\$ 24,280,000

*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.

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

Customer Study Number
CRGL AG1-2011-073

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	75199999	SECI	EES	500	7/1/2014	7/1/2019	6/1/2018	6/1/2023	\$ -	\$ 35,400,000	\$ 57,189,072	\$ 118,905,404
									\$ -	\$ 35,400,000	\$ 57,189,072	\$ 118,905,404

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75199999	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC	10/1/2012	6/1/2015		Yes	\$ 1,128,774	\$ 3,150,000	\$ 3,292,006
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE	10/1/2012	6/1/2015		Yes	\$ 2,153,091	\$ 6,008,500	\$ 5,232,709
	GRAND ISLAND - SWEETWATER 345KV CKT 2	10/1/2012	6/1/2018		Yes	\$ 29,934,043	\$ 96,288,750	\$ 56,997,625
	HARPER - MILAN TAP 138KV CKT 1 #1	10/1/2012	6/1/2014			\$ 80,627	\$ 225,000	\$ 250,556
	HARPER - MILAN TAP 138KV CKT 1 #2	10/1/2012	6/1/2015		Yes	\$ 4,450,666	\$ 12,420,200	\$ 12,980,116
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	6/1/2012	6/1/2015		Yes	\$ 290,572	\$ 2,500,000	\$ 556,153
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2014	6/1/2017		Yes	\$ 19,151,299	\$ 67,140,000	\$ 39,596,241
Total						\$ 57,189,072	\$ 187,732,450	\$ 118,905,404

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
75199999	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	6/1/2012	1/1/2015		No
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	6/1/2012	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	6/1/2012	7/1/2014		
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		No
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	6/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	6/1/2012	1/1/2015		No
	Line - Medicine Lodge - Woodward 345 kv dbl ckt OKGE	6/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		No
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	6/1/2012	1/1/2015		No
	TUCCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		
	TUCCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		
	XFR - Medicine Lodge 345/138 kv	6/1/2012	1/1/2015		No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75199999	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

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

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75199999	7JASPER 345.00 - BLACKBERRY 345KV CKT 1	6/1/2014	6/1/2016		No	\$ 2,255,227	\$ 8,000,000
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	6/1/2016		No	\$ 3,083,502	\$ 16,100,000
	CLINTON - MONTROSE 161KV CKT 1 AECI	6/1/2014	6/1/2015			\$ 31,819	\$ 180,000
Total						\$ 5,370,548	\$ 24,280,000

*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.

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

Customer Study Number
CRGL AG1-2011-078

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	75199798	SPS	EES	300	12/1/2012	12/1/2032	6/1/2018	6/1/2038	\$ -	\$ 84,960,000	\$ 34,116,573	\$ 109,298,552
									\$ -	\$ 84,960,000	\$ 34,116,573	\$ 109,298,552

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75199798	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC	10/1/2012	6/1/2015		Yes	\$ 550,707	\$ 3,150,000	\$ 2,779,798
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE	10/1/2012	6/1/2015		Yes	\$ 1,050,451	\$ 6,008,500	\$ 4,053,909
	GRAND ISLAND - SWEETWATER 345KV CKT 2	10/1/2012	6/1/2018		Yes	\$ 20,913,729	\$ 96,288,750	\$ 60,447,724
	GREENLEAF - KNOB HILL 115KV CKT 1 WERE Accelerate	12/1/2012	6/1/2013		Yes	\$ 13,842	\$ 23,859	\$ 58,627
	HARPER - MILAN TAP 138KV CKT 1 #1	10/1/2012	6/1/2014		Yes	\$ 39,336	\$ 225,000	\$ 211,570
	HARPER - MILAN TAP 138KV CKT 1 #2	10/1/2012	6/1/2015		Yes	\$ 2,171,393	\$ 12,420,200	\$ 10,960,520
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2014	6/1/2017			\$ 9,377,115	\$ 67,140,000	\$ 30,786,404
					Total	\$ 34,116,573	\$ 185,256,309	\$ 109,298,552

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
75199798	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	6/1/2012	1/1/2015		Yes
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	6/1/2012	7/1/2014		Yes
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	6/1/2012	7/1/2014		Yes
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE	6/1/2012	1/1/2015		Yes
	Line - NPPD - Axtell - Kansas Border 345 kv	10/1/2012	6/1/2013		
	Line - Post Rock - Axtell 345 kv	10/1/2012	6/1/2013		
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	6/1/2012	1/1/2015		Yes
	Line - Spearville - Post Rock 345 kv	10/1/2012	10/1/2012		
	TUCCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		Yes
	TUCCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		Yes
	XFR - Post Rock 345/230 kv	10/1/2012	10/1/2012		
	XFR - Medicine Lodge 345/138 kv	6/1/2012	1/1/2015		Yes

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75199798	FLATRDG3 138.00 - HARPER 138KV CKT 1	6/1/2012	1/1/2014		Yes
	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	12/1/2012	1/1/2013		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
75199798	FLATRDG3 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2009	6/1/2013		
	FLATRDG3 138.00 - HARPER 138KV CKT 1	12/1/2009	6/1/2013		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	12/1/2009	6/1/2013		
	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.

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75199798	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	6/1/2012	6/1/2015		Yes

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75199798	7JASPER 345.00 - BLACKBERRY 345KV CKT 1	6/1/2014	6/1/2016		No	\$ 1,237,972	\$ 8,000,000
	7OVERTON 345.00 () 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	6/1/2016		No	\$ 1,819,019	\$ 16,100,000
	CLINTON - MONTROSE 161KV CKT 1 AEIC	6/1/2014	6/1/2015			\$ 18,148	\$ 180,000
					Total	\$ 3,075,139	\$ 24,280,000

*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.

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

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

Customer Study Number
CRGL AG1-2011-079

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	75199802	OKGE	EES	98	12/1/2012	12/1/2032	6/1/2018	6/1/2038	\$ -	\$ 27,753,600	\$ 4,944,892	\$ 15,387,243
									\$ -	\$ 27,753,600	\$ 4,944,892	\$ 15,387,243

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75199802	GRAND ISLAND - SWEETWATER 345KV CKT 2	10/1/2012	6/1/2018		Yes	\$ 2,157,664	\$ 96,288,750	\$ 6,236,376
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2014	6/1/2017			\$ 2,787,228	\$ 67,140,000	\$ 9,150,867
Total						\$ 4,944,892	\$ 163,428,750	\$ 15,387,243

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
75199802	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		

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

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75199802	7JASPER 345.00 - BLACKBERRY 345KV CKT 1	6/1/2014	6/1/2016		No	\$ 510,052	\$ 8,000,000
	7OVERTON 345.00 () 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	6/1/2016		No	\$ 439,814	\$ 16,100,000
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	6/1/2013	6/1/2014		Yes	\$ 27,030	\$ 150,000
	CLINTON - MONTROSE 161KV CKT 1 AECI	6/1/2014	6/1/2015			\$ 4,766	\$ 180,000
Total						\$ 981,662	\$ 24,430,000

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

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

Customer Study Number
CRGL AG1-2011-081

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	75199815	NPPD	EES	200	12/1/2012	12/1/2032	6/1/2016	6/1/2036	\$ -	\$ 56,640,000	\$ -	\$ -
									\$ -	\$ 56,640,000	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75199815	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
75199815	IATAN - NASHUA 345KV CKT 1			10/1/2012	6/1/2015
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt			6/1/2012	1/1/2015
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE			6/1/2012	7/1/2014
	Line - Hitchland - Woodward 345 kv dbl ckt SPS			6/1/2012	7/1/2014
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC			6/1/2012	1/1/2015
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE			6/1/2012	1/1/2015
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC			6/1/2012	1/1/2015
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE			6/1/2012	1/1/2015
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC			6/1/2012	1/1/2015
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC			6/1/2012	1/1/2015
	TUCCO - WOODWARD 345 KV CKT 1 OKGE			6/1/2012	6/1/2014
	TUCCO - WOODWARD 345 KV CKT 1 SPS			6/1/2012	6/1/2014
	XFR - Medicine Lodge 345/138 kv			6/1/2012	1/1/2015

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75199815	HUGO POWER PLANT - VALLIANT 345 KV AEPW			7/1/2012	7/1/2012
	HUGO POWER PLANT - VALLIANT 345 KV WFEC			7/1/2012	7/1/2012
	LACYGNE - WEST GARDNER 345KV CKT 1			6/1/2006	6/1/2006
	NORTHWEST - TATONGA 345KV CKT 1			1/1/2010	1/1/2010
	TATONGA - WOODWARD 345KV CKT 1			1/1/2010	1/1/2010

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

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	**Total E & C Cost
75199815	7JASPER 345.00 - BLACKBERRY 345KV CKT 1			6/1/2014	6/1/2016	\$ 321,135	\$ 8,000,000
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1			10/1/2012	6/1/2016	\$ 1,305,455	\$ 16,100,000
	CLINTON - MONTROSE 161KV CKT 1 AECI			6/1/2014	6/1/2015	\$ 10,339	\$ 180,000
	LELAND OLDS - LELAND OLDS1 TY 345KV CKT 1			10/1/2012	10/1/2012	34.51%	100.00%
	LELAND OLDS1 TY 345/230KV TRANSFORMER CKT 1			10/1/2012	10/1/2012	34.51%	100.00%
Total						\$ 1,636,929	\$ 24,280,000

*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.

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

Customer Study Number
CRGL AG3-2010-006

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
CRGL	74677326	NPPD	EES	100	7/1/2012	7/1/2032	6/1/2016	6/1/2036	\$ -	\$ 28,320,000	\$ -	\$ -
									\$ -	\$ 28,320,000	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
74677326	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
74677326	IATAN - NASHUA 345KV CKT 1			10/1/2012	6/1/2015
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt			6/1/2012	1/1/2015
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE			6/1/2012	7/1/2014
	Line - Hitchland - Woodward 345 kv dbl ckt SPS			6/1/2012	7/1/2014
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC			6/1/2012	1/1/2015
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE			6/1/2012	1/1/2015
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC			6/1/2012	1/1/2015
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE			6/1/2012	1/1/2015
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC			6/1/2012	1/1/2015
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC			6/1/2012	1/1/2015
	TUCCO - WOODWARD 345 KV CKT 1 OKGE			6/1/2012	6/1/2014
	TUCCO - WOODWARD 345 KV CKT 1 SPS			6/1/2012	6/1/2014
	XFR - Medicine Lodge 345/138 kv			6/1/2012	1/1/2015

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
74677326	HUGO POWER PLANT - VALLIANT 345 KV AEPW			7/1/2012	7/1/2012
	HUGO POWER PLANT - VALLIANT 345 KV WFEC			7/1/2012	7/1/2012
	LACYGNE - WEST GARDNER 345KV CKT 1			6/1/2006	6/1/2006
	NORTHWEST - TATONGA 345KV CKT 1			1/1/2010	1/1/2010
	TATONGA - WOODWARD 345KV CKT 1			1/1/2010	1/1/2010

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

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	**Total E & C Cost
74677326	7JASPER 345.00 - BLACKBERRY 345KV CKT 1			6/1/2014	6/1/2016	\$ 160,568	\$ 8,000,000
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1			10/1/2012	6/1/2016	\$ 652,728	\$ 16,100,000
	CLINTON - MONTROSE 161KV CKT 1 AECI			6/1/2014	6/1/2015	\$ 5,169	\$ 180,000
	LELAND OLDS - LELAND OLDS1 TY 345KV CKT 1			10/1/2012	10/1/2012	17.25%	100.00%
	LELAND OLDS1 TY 345/230KV TRANSFORMER CKT 1			10/1/2012	10/1/2012	17.25%	100.00%
Total						\$ 818,465	\$ 24,280,000

*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.

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

Customer Study Number
FPLP AG1-2011-107

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	75104152	CSWS	EES	100	1/1/2012	1/1/2032	6/1/2018	6/1/2038	\$ -	\$ 28,320,000	\$ 5,124,034	\$ 15,718,619
									\$ -	\$ 28,320,000	\$ 5,124,034	\$ 15,718,619

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75104152	GRAND ISLAND - SWEETWATER 345KV CKT 2	10/1/2012	6/1/2018		Yes	\$ 2,811,351	\$ 96,288,750	\$ 8,125,752
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2014	6/1/2017			\$ 2,312,683	\$ 67,140,000	\$ 7,592,868
Total						\$ 5,124,034	\$ 163,428,750	\$ 15,718,619

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
75104152	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	6/1/2012	1/1/2015		Yes
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	6/1/2012	7/1/2014		Yes
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	6/1/2012	7/1/2014		Yes
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Woodward 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Woodward 345 kv dbl ckt OKGE	6/1/2012	1/1/2015		Yes
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	6/1/2012	1/1/2015		Yes
	TUCCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		Yes
	TUCCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		Yes
	XFR - Medicine Lodge 345/138 kv	6/1/2012	1/1/2015		Yes

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75104152	ELK CITY (ELKCTY-4) 138/69/13.8KV TRANSFORMER CKT 1	6/1/2018	6/1/2018		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75104152	GRACMNT4 138.00 - WASHITA 138KV CKT 2 OKGE	6/1/2012	6/1/2012		
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 WFEC	6/1/2012	6/1/2012		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75104152	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		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	MCNAB REC - TURK 115KV CKT 1	7/1/2012	7/1/2012		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	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

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75104152	7JASPER 345.00 - BLACKBERRY 345KV CKT 1	6/1/2014	6/1/2016		No	\$ 422,612	\$ 8,000,000
	ZOVERTON 345.00 () 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	6/1/2016		No	\$ 432,561	\$ 16,100,000
	BARKERS 6 230.00 - BOGALUSA 230KV CKT 1 CELE	10/1/2012	10/1/2012			12.24%	100.00%
	BARKERS 6 230.00 - RAMSAY 230KV CKT 1	6/1/2014	6/1/2014			11.11%	100.00%
	CHAMPAGNE - PLAISANCE 138KV CKT 1 CELE	6/1/2013	6/1/2013			14.33%	100.00%
	COCODRIE 230/138KV TRANSFORMER CKT 1	6/1/2013	6/1/2013			12.57%	100.00%
	TOLEDO BEND - VAN PLY TAP 138KV CKT 1 CELE	10/1/2013	10/1/2013			15.69%	100.00%
					Total	\$ 855,173	\$ 24,100,000

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

Customer Study Number
HCPD AG1-2011-104

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
HCPD	75157718	NPPD	AMRN	10	1/1/2013	1/1/2043	6/1/2016	6/1/2046	\$ -	\$ 3,052,800	\$ -	\$ -
									\$ -	\$ 3,052,800	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75157718	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
75157718	IATAN - NASHUA 345KV CKT 1			10/1/2012	6/1/2015
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt			6/1/2012	1/1/2015
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE			6/1/2012	7/1/2014
	Line - Hitchland - Woodward 345 kv dbl ckt SPS			6/1/2012	7/1/2014
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC			6/1/2012	1/1/2015
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE			6/1/2012	1/1/2015
	Line - Medicine Lodge - Woodward 345 kv dbl ckt MKEC			6/1/2012	1/1/2015
	Line - Medicine Lodge - Woodward 345 kv dbl ckt OKGE			6/1/2012	1/1/2015
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC			6/1/2012	1/1/2015
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC			6/1/2012	1/1/2015
	TUCCO - WOODWARD 345 KV CKT 1 OKGE			6/1/2012	6/1/2014
	TUCCO - WOODWARD 345 KV CKT 1 SPS			6/1/2012	6/1/2014
	XFR - Medicine Lodge 345/138 kv			6/1/2012	1/1/2015

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75157718	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

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

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75157718	SELDON - BARNETT 161KV CKT 1 AECl			10/1/2012	6/1/2015	\$ 4,813	\$ 100,000
	7JASPER 345.00 - BLACKBERRY 345KV CKT 1			6/1/2014	6/1/2016	\$ 38,314	\$ 8,000,000
	CLINTON - MONTROSE 161KV CKT 1 AECl			6/1/2014	6/1/2015	\$ 759	\$ 180,000
	LELAND OLDS - LELAND OLDS1 TY 345KV CKT 1			10/1/2012	10/1/2012	1.92%	100.00%
	LELAND OLDS1 TY 345/230KV TRANSFORMER CKT 1			10/1/2012	10/1/2012	1.92%	100.00%
	NORTH WARSAW - TRUMAN 161KV CKT 1 SWPA			6/1/2018	6/1/2018	\$ 1,717	\$ 70,000
Total						\$ 45,603	\$ 8,350,000

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

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

Customer Study Number
HCPD AG1-2011-105

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
HCPD	75157720	NPPD	AMRN	20	1/1/2013	1/1/2043	6/1/2016	6/1/2046	\$ -	\$ 6,105,600	\$ -	\$ -
									\$ -	\$ 6,105,600	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75157720	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
75157720	IATAN - NASHUA 345KV CKT 1			10/1/2012	6/1/2015
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt			6/1/2012	1/1/2015
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE			6/1/2012	7/1/2014
	Line - Hitchland - Woodward 345 kv dbl ckt SPS			6/1/2012	7/1/2014
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC			6/1/2012	1/1/2015
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE			6/1/2012	1/1/2015
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC			6/1/2012	1/1/2015
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE			6/1/2012	1/1/2015
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC			6/1/2012	1/1/2015
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC			6/1/2012	1/1/2015
	TUCCO - WOODWARD 345 KV CKT 1 OKGE			6/1/2012	6/1/2014
	TUCCO - WOODWARD 345 KV CKT 1 SPS			6/1/2012	6/1/2014
	XFR - Medicine Lodge 345/138 kv			6/1/2012	1/1/2015

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75157720	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

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

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75157720	SELDON - BARNETT 161KV CKT 1 AECI			10/1/2012	6/1/2015	\$ 9,628	\$ 100,000
	7JASPER 345.00 - BLACKBERRY 345KV CKT 1			6/1/2014	6/1/2016	\$ 76,633	\$ 8,000,000
	CLINTON - MONTROSE 161KV CKT 1 AECI			6/1/2014	6/1/2015	\$ 1,520	\$ 180,000
	LELAND OLDS - LELAND OLDS1 TY 345KV CKT 1			10/1/2012	10/1/2012	3.84%	100.00%
	LELAND OLDS1 TY 345/230KV TRANSFORMER CKT 1			10/1/2012	10/1/2012	3.84%	100.00%
	NORTH WARSAW - TRUMAN 161KV CKT 1 SWPA			6/1/2018	6/1/2018	\$ 3,433	\$ 70,000
Total						\$ 91,214	\$ 8,350,000

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

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

Customer Study Number
HZN AG1-2011-051

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
HZN	75181717	WR	AECI	100	10/1/2012	10/1/2017	6/1/2016	6/1/2021	\$ -	\$ 5,088,000	\$ 13,931,377	\$ 27,434,519
									\$ -	\$ 5,088,000	\$ 13,931,377	\$ 27,434,519

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75181717	BIRMINGHAM - HAWTHORN 161KV CKT 1	6/1/2014	6/1/2015			\$ 1,215,215	\$ 5,000,000	\$ 2,943,290
	BIRMINGHAM - LIBERTY SOUTH 161KV CKT 1 KACP	6/1/2014	6/1/2015			\$ 925,483	\$ 3,807,900	\$ 2,039,934
	BIRMINGHAM - LIBERTY SOUTH 161KV CKT 1 MIPU	6/1/2014	6/1/2015			\$ 168,210	\$ 692,100	\$ 306,560
	Device - Timber Jct 138 kv Capacitor #2	6/1/2014	6/1/2014			\$ 75,813	\$ 1,022,400	\$ 173,184
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2014	6/1/2017			\$ 2,679,245	\$ 67,140,000	\$ 5,539,469
	MIDWAY - ST JOE 161KV CKT 1	6/1/2014	6/1/2015			\$ 6,156,209	\$ 18,254,250	\$ 11,219,592
	WOLF CREEK 345/69KV TRANSFORMER CKT 1	10/1/2014	6/1/2015			\$ 2,711,202	\$ 12,197,900	\$ 5,212,491
Total						\$ 13,931,377	\$ 108,114,550	\$ 27,434,519

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
75181717	IATAN - NASHUA 345KV CKT 1	10/1/2012	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
75181717	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1	6/1/2013	6/1/2014		
	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #1	6/1/2018	6/1/2018		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75181717	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	10/1/2012	7/1/2013		
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	10/1/2012	6/1/2013		
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	10/1/2012	12/1/2013		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75181717	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		

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

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75181717	7OVERTON 345.00 () 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	6/1/2016			\$ 938,119	\$ 16,100,000
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	6/1/2013	6/1/2014			\$ 28,451	\$ 150,000
Total						\$ 966,570	\$ 16,250,000

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

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

Customer Study Number
HZN AG1-2011-052

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
HZN	75181735	WR	AMRN	100	10/1/2012	10/1/2017	6/1/2016	6/1/2021	\$ -	\$ 5,088,000	\$ 2,937,733	\$ 5,682,910
									\$ -	\$ 5,088,000	\$ 2,937,733	\$ 5,682,910

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75181735	Device - Timber Jct 138 kV Capacitor #2	6/1/2014	6/1/2014			\$ 96,456	\$ 1,022,400	\$ 220,340
	WOLF CREEK 345/69KV TRANSFORMER CKT 1	10/1/2014	6/1/2015			\$ 2,841,277	\$ 12,197,900	\$ 5,462,570
Total						\$ 2,937,733	\$ 13,220,300	\$ 5,682,910

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
75181735	IATAN - NASHUA 345KV CKT 1	10/1/2012	6/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75181735	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	10/1/2012	7/1/2013		
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	10/1/2012	6/1/2013		
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	10/1/2012	12/1/2013		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75181735	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		

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

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75181735	7JASPER 345.00 - BLACKBERRY 345KV CKT 1	6/1/2014	6/1/2016			\$ 546,856	\$ 8,000,000
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA #1	6/1/2013	6/1/2014			\$ 26,057	\$ 150,000
	CLINTON - MONTROSE 161KV CKT 1 AECI	6/1/2014	6/1/2015			\$ 9,449	\$ 180,000
Total						\$ 582,362	\$ 8,330,000

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

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

Customer Study Number
HZN AG1-2011-053

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
HZN	75181741	WR	EES	100	10/1/2012	10/1/2017	6/1/2016	6/1/2021	\$ -	\$ 7,080,000	\$ 2,935,548	\$ 5,679,052
									\$ -	\$ 7,080,000	\$ 2,935,548	\$ 5,679,052

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75181741	Device - Timber Jct 138 kV Capacitor #2	6/1/2014	6/1/2014			\$ 97,406	\$ 1,022,400	\$ 222,510
	WOLF CREEK 345/69KV TRANSFORMER CKT 1	10/1/2014	6/1/2015			\$ 2,838,142	\$ 12,197,900	\$ 5,456,542
Total						\$ 2,935,548	\$ 13,220,300	\$ 5,679,052

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
75181741	IATAN - NASHUA 345KV CKT 1	10/1/2012	6/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75181741	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	10/1/2012	7/1/2013		
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	10/1/2012	6/1/2013		
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	10/1/2012	12/1/2013		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75181741	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		

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

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75181741	7JASPER 345.00 - BLACKBERRY 345KV CKT 1	6/1/2014	6/1/2016			\$ 528,166	\$ 8,000,000
	7DOVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	6/1/2016			\$ 757,277	\$ 16,100,000
	CLINTON - MONTROSE 161KV CKT 1 AECL	6/1/2014	6/1/2015			\$ 9,268	\$ 180,000
Total						\$ 1,294,711	\$ 24,280,000

*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.

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

Customer Study Number
HZN AG1-2011-055

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
HZN	75181743	WFEC	EES	100	1/1/2012	1/1/2017	6/1/2018	6/1/2023	\$ -	\$ 7,080,000	\$ 13,256,816	\$ 26,288,876
									\$ -	\$ 7,080,000	\$ 13,256,816	\$ 26,288,876

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75181743	5 TRIBES - HANCOCK 161KV CKT 1 #2	6/1/2013	6/1/2015			\$ 1,637,389	\$ 4,000,000	\$ 4,220,017
	5 TRIBES - PECAN CREEK 161KV CKT 1 Accelerate	6/1/2013	6/1/2015			\$ 269,085	\$ 662,326	\$ 688,155
	BEAVER - EUREKA SPRINGS 161KV CKT 1 AEPW	6/1/2018	6/1/2018			\$ 1,450,000	\$ 1,450,000	\$ 2,467,216
	EUREKA SPRINGS - OSAGE 161KV CKT 1 AEPW	6/1/2018	6/1/2018			\$ 6,194,400	\$ 6,194,400	\$ 10,462,311
	GRAND ISLAND - SWEETWATER 345KV CKT 2	10/1/2012	6/1/2018			\$ 1,848,920	\$ 96,288,750	\$ 4,012,239
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2014	6/1/2017			\$ 1,857,022	\$ 67,140,000	\$ 4,438,938
Total						\$ 13,256,816	\$ 175,735,476	\$ 26,288,876

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
75181743	5 TRIBES - HANCOCK 161KV CKT 1 #1	6/1/2013	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
75181743	GRACMNT4 138.00 - WASHITA 138KV CKT 2 OKGE	6/1/2012	6/1/2012		
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 WFEC	6/1/2012	6/1/2012		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75181743	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 345 KV WFEC	7/1/2012	7/1/2012		
	MCNAB REC - TURK 115KV CKT 1	7/1/2012	7/1/2012		

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

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75181743	7JASPER 345.00 - BLACKBERRY 345KV CKT 1	6/1/2014	6/1/2016			\$ 425,127	\$ 8,000,000
	7OVERTON 345.00 () 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	6/1/2016			\$ 350,853	\$ 16,100,000
	BARKERS 6 230.00 - BOGALUSA 230KV CKT 1 CELE	10/1/2012	10/1/2012			12.13%	100.00%
	BARKERS 6 230.00 - RAMSAY 230KV CKT 1	6/1/2014	6/1/2014			10.98%	100.00%
	BEAVER - EUREKA SPRINGS 161KV CKT 1 SWPA	6/1/2018	6/1/2018			\$ 4,130,000	\$ 4,130,000
	CHAMPAGNE - PLAISANCE 138KV CKT 1 CELE	6/1/2013	6/1/2013			14.96%	100.00%
	COCODRIE 230/138KV TRANSFORMER CKT 1	6/1/2013	6/1/2013			13.16%	100.00%
	TOLEDO BEND - VAN PLY TAP 138KV CKT 1 CELE	10/1/2013	10/1/2013			16.80%	100.00%
Total						\$ 4,905,980	\$ 28,230,000

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

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

Customer Study Number
 KCPS AG1-2011-001

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	74881463	KCPL	EES	100	8/1/2011	8/1/2016	6/1/2016	6/1/2021	\$ -	\$ 7,080,000	\$ 2,594,833	\$ 5,960,811
									\$ -	\$ 7,080,000	\$ 2,594,833	\$ 5,960,811

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
74881463	BIRMINGHAM - HAWTHORN 161KV CKT 1	6/1/2014	6/1/2015			\$ 1,365,702	\$ 5,000,000	\$ 3,323,738
	BIRMINGHAM - LIBERTY SOUTH 161KV CKT 1 KACP	6/1/2014	6/1/2015			\$ 1,040,091	\$ 3,807,900	\$ 2,292,551
	BIRMINGHAM - LIBERTY SOUTH 161KV CKT 1 MIPU	6/1/2014	6/1/2015			\$ 189,040	\$ 692,100	\$ 344,522
Total						\$ 2,594,833	\$ 9,500,000	\$ 5,960,811

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
74881463	IATAN - NASHUA 345KV CKT 1	10/1/2012	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
74881463	LOMA VISTA EAST - WINCHESTER JUNCTION NORTH 161KV CKT 1	6/1/2018	6/1/2018		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
74881463	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	MCNAB REC - TURK 115KV CKT 1	7/1/2012	7/1/2012		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

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

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
74881463	SELDON - BARNETT 161KV CKT 1 AECI	10/1/2012	6/1/2015		No	\$ 58,285	\$ 100,000
	SELDON - BARNETT 161KV CKT 1 AMRN	10/1/2012	10/1/2012			67.81%	100.00%
	7JASPER 345.00 - BLACKBERRY 345KV CKT 1	6/1/2014	6/1/2016		No	\$ 191,807	\$ 8,000,000
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	6/1/2016		No	\$ 1,164,172	\$ 16,100,000
	BARKERS 6 230.00 - BOGALUSA 230KV CKT 1 CELE	10/1/2012	10/1/2012			12.60%	100.00%
	BARKERS 6 230.00 - RAMSAY 230KV CKT 1	6/1/2014	6/1/2014			11.53%	100.00%
	CHAMPAGNE - PLAISANCE 138KV CKT 1 CELE	6/1/2013	6/1/2013			12.20%	100.00%
	CLINTON - MONTROSE 161KV CKT 1 AECI	6/1/2014	6/1/2015			\$ 39,636	\$ 180,000
	COCODRIE 230/138KV TRANSFORMER CKT 1	6/1/2013	6/1/2013			10.54%	100.00%
	NORTH WARSAW - TRUMAN 161KV CKT 1 SWPA	6/1/2018	6/1/2018			\$ 41,133	\$ 70,000
	TOLEDO BEND - VAN PLY TAP 138KV CKT 1 CELE	10/1/2013	10/1/2013			11.96%	100.00%
Total						\$ 1,495,033	\$ 24,450,000

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

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

Customer Study Number
 KCPS AG1-2011-011

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements	
KCPS	75181547	NPPD	KCPL	20	1/1/2014	1/1/2024	6/1/2018	6/1/2028	\$ -	\$ -	\$ 2,621,618	\$ 5,057,766	
										\$ -	\$ -	\$ 2,621,618	\$ 5,057,766

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75181547	GRAND ISLAND - SWEETWATER 345KV CKT 2	10/1/2012	6/1/2018		Yes	\$ 2,003,789	\$ 96,288,750	\$ 3,786,393
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2014	6/1/2017			\$ 617,829	\$ 67,140,000	\$ 1,271,373
Total						\$ 2,621,618	\$ 163,428,750	\$ 5,057,766

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
75181547	IATAN - NASHUA 345KV CKT 1	10/1/2012	6/1/2015		
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	6/1/2012	1/1/2015		Yes
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	6/1/2012	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	6/1/2012	7/1/2014		
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE	6/1/2012	1/1/2015		Yes
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	6/1/2012	1/1/2015		Yes
	TUCCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		
	TUCCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		
	XFR - Medicine Lodge 345/138 kv	6/1/2012	1/1/2015		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
75181547	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		

*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 AG1-2011-012

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KCPS	75181564	NPPD	KCPL	20	1/1/2014	1/1/2024	6/1/2018	6/1/2028	\$ -	\$ -	\$ 1,960,541	\$ 3,805,383
									\$ -	\$ -	\$ 1,960,541	\$ 3,805,383

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75181564	GRAND ISLAND - SWEETWATER 345KV CKT 2	10/1/2012	6/1/2018		Yes	\$ 1,361,742	\$ 96,288,750	\$ 2,573,170
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2014	6/1/2017			\$ 598,799	\$ 67,140,000	\$ 1,232,213
Total						\$ 1,960,541	\$ 163,428,750	\$ 3,805,383

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
75181564	IATAN - NASHUA 345KV CKT 1	10/1/2012	6/1/2015		
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	6/1/2012	1/1/2015		Yes
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	6/1/2012	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	6/1/2012	7/1/2014		
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE	6/1/2012	1/1/2015		Yes
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	6/1/2012	1/1/2015		Yes
	TUCCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		
	TUCCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		
	XFR - Medicine Lodge 345/138 kv	6/1/2012	1/1/2015		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
75181564	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		

*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 AG1-2011-013

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements	
KCPS	75181568	NPPD	KCPL	22	1/1/2014	1/1/2024	6/1/2018	6/1/2028	\$ -	\$ -	\$ 2,076,387	\$ 4,033,971	
										\$ -	\$ -	\$ 2,076,387	\$ 4,033,971

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75181568	GRAND ISLAND - SWEETWATER 345KV CKT 2	10/1/2012	6/1/2018		Yes	\$ 1,420,013	\$ 96,288,750	\$ 2,683,280
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2014	6/1/2017			\$ 656,374	\$ 67,140,000	\$ 1,350,691
Total						\$ 2,076,387	\$ 163,428,750	\$ 4,033,971

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
75181568	IATAN - NASHUA 345KV CKT 1	10/1/2012	6/1/2015		Yes
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	6/1/2012	1/1/2015		Yes
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	6/1/2012	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	6/1/2012	7/1/2014		
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE	6/1/2012	1/1/2015		Yes
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	6/1/2012	1/1/2015		Yes
	TUCCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		
	TUCCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		
	XFR - Medicine Lodge 345/138 kv	6/1/2012	1/1/2015		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
75181568	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		

*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 AG1-2011-057

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
KCPS	75199886	SECI	KCPL	50	8/1/2011	8/31/2013	8/31/2013	8/31/2013	\$ -	\$ 636,000	\$ 1,071,361	\$ 1,533,332
									\$ -	\$ 636,000	\$ 1,071,361	\$ 1,533,332

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75199886	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC	10/1/2012	6/1/2015			\$ 34,432	\$ 3,150,000	\$ 61,569
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE	10/1/2012	6/1/2015			\$ 65,677	\$ 6,008,500	\$ 107,744
	GRAND ISLAND - SWEETWATER 345KV CKT 2	10/1/2012	6/1/2018			\$ 762,280	\$ 96,288,750	\$ 1,026,806
	HARPER - MILAN TAP 138KV CKT 1 #1	10/1/2012	6/1/2014			\$ 2,459	\$ 225,000	\$ 4,685
	HARPER - MILAN TAP 138KV CKT 1 #2	10/1/2012	6/1/2015			\$ 135,761	\$ 12,420,200	\$ 242,758
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	6/1/2012	6/1/2015			\$ 70,752	\$ 2,500,000	\$ 89,769
Total						\$ 1,071,361	\$ 120,592,450	\$ 1,533,332

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
75199886	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	6/1/2012	1/1/2015		Yes
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	6/1/2012	7/1/2014		Yes
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	6/1/2012	7/1/2014		Yes
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Woodward 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE	6/1/2012	1/1/2015		Yes
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	6/1/2012	1/1/2015		Yes
	TUCCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		Yes
	TUCCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		Yes
	XFR - Medicine Lodge 345/138 kv	6/1/2012	1/1/2015		Yes

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75199886	FLATRDG3 138.00 - HARPER 138KV CKT 1	6/1/2012	1/1/2014		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75199886	FLATRDG3 138.00 - HARPER 138KV CKT 1	12/1/2009	6/1/2013		
	APACHE CO SUB - PARADISE 138KV CKT 1	6/1/2010	6/1/2013		
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 OKGE	1/1/2012	1/1/2012		
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 WFEC	1/1/2012	1/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	KNOBHILL (KNOBHIL4) 138/69/13.2KV TRANSFORMER CKT 1	6/1/2006	6/1/2008		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD - IODINE 138KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD - WOODWARD EHV 138KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD 345/138KV TRANSFORMER CKT 1	1/1/2010	1/1/2010		

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

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

Customer Study Number
 KCPS AG1-2011-061

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KCPS	75199893	SECI	KCPL	50	8/1/2011	8/31/2013	8/31/2013	8/31/2013	\$ -	\$ 636,000	\$ 1,071,361	\$ 1,533,332
									\$ -	\$ 636,000	\$ 1,071,361	\$ 1,533,332

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75199893	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC	10/1/2012	6/1/2015			\$ 34,432	\$ 3,150,000	\$ 61,569
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE	10/1/2012	6/1/2015			\$ 65,677	\$ 6,008,500	\$ 107,744
	GRAND ISLAND - SWEETWATER 345KV CKT 2	10/1/2012	6/1/2018			\$ 762,280	\$ 96,288,750	\$ 1,026,806
	HARPER - MILAN TAP 138KV CKT 1 #1	10/1/2012	6/1/2014			\$ 2,459	\$ 225,000	\$ 4,685
	HARPER - MILAN TAP 138KV CKT 1 #2	10/1/2012	6/1/2015			\$ 135,761	\$ 12,420,200	\$ 242,758
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	6/1/2012	6/1/2015			\$ 70,752	\$ 2,500,000	\$ 89,769
Total						\$ 1,071,361	\$ 120,592,450	\$ 1,533,332

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
75199893	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	6/1/2012	1/1/2015		Yes
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	6/1/2012	7/1/2014		Yes
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	6/1/2012	7/1/2014		Yes
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Woodward 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE	6/1/2012	1/1/2015		Yes
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	6/1/2012	1/1/2015		Yes
	TUCCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		Yes
	TUCCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		Yes
	XFR - Medicine Lodge 345/138 kv	6/1/2012	1/1/2015		Yes

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75199893	FLATRDG3 138.00 - HARPER 138KV CKT 1	6/1/2012	1/1/2014		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75199893	FLATRDG3 138.00 - HARPER 138KV CKT 1	12/1/2009	6/1/2013		
	APACHE CO SUB - PARADISE 138KV CKT 1	6/1/2010	6/1/2013		
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 OKGE	1/1/2012	1/1/2012		
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 WFEC	1/1/2012	1/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	KNOBHILL (KNOBHIL4) 138/69/13.2KV TRANSFORMER CKT 1	6/1/2006	6/1/2008		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	NORTHWEST - TATONGA 345KV CKT 1	1/1/2010	1/1/2010		
	TATONGA - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD - IODINE 138KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD - WOODWARD EHV 138KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD 345/138KV TRANSFORMER CKT 1	1/1/2010	1/1/2010		

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

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

Customer Study Number
KMEA AG1-2011-094

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KMEA	75200249	SPA	SECI	1	11/1/2013	12/31/2018			\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75200249	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
75200249	Line - Comanche County - Medicine Lodge 345 kV dbl ckt			6/1/2012	1/1/2015
	Line - Hitchland - Woodward 345 kV dbl ckt OKGE			6/1/2012	7/1/2014
	Line - Hitchland - Woodward 345 kV dbl ckt SPS			6/1/2012	7/1/2014
	Line - Medicine Lodge - Wichita 345 kV dbl ckt MKEC			6/1/2012	1/1/2015
	Line - Medicine Lodge - Wichita 345 kV dbl ckt WERE			6/1/2012	1/1/2015
	Line - Medicine Lodge - Woodward 345 kV dbl Ckt MKEC			6/1/2012	1/1/2015
	Line - Medicine Lodge - Woodward 345 kV dbl Ckt OKGE			6/1/2012	1/1/2015
	Line - Spearville - Comanche County 345 kV dbl ckt MKEC			6/1/2012	1/1/2015
	Line - Spearville - Comanche County 345 kV dbl ckt SUNC			6/1/2012	1/1/2015
	TUCO - WOODWARD 345 kV CKT 1 OKGE			6/1/2012	6/1/2014
	TUCO - WOODWARD 345 kV CKT 1 SPS			6/1/2012	6/1/2014
	XFR - Medicine Lodge 345/138 kV			6/1/2012	1/1/2015

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75200249	Device - Northwest Manhattan Cap 115 kV			6/1/2015	6/1/2015
	Line - Bushton - Ellsworth 115 kV			6/1/2012	6/1/2015

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75200249	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		
	FLATRDG3 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2009	6/1/2013		
	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	6/1/2013	6/1/2013		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	MEDICINE LODGE - SAWYER 115KV CKT 1	12/1/2009	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	12/1/2009	6/1/2013		
	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.

*34.5 kV System Impacts and Upgrades have yet to be determined.

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

Customer Study Number
KMEA AG1-2011-095

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KMEA	75199561	OPPD	WR	6	2/1/2012	2/1/2017	1/1/2015	1/1/2020	\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75199561	None					\$ -	\$ -	\$ -
Total						\$ -	\$ -	\$ -

Direct Assignment Facilities - The requested service is contingent upon completion of the following upgrades.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
75199561	PAWNEE - LARNED 115 KV CKT 1	6/1/2010	6/1/2013			\$ 706,833	\$ 706,833
Total						\$ 706,833	\$ 706,833

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
75199561	IATAN - NASHUA 345KV CKT 1	10/1/2012	6/1/2015		
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	6/1/2012	1/1/2015		Yes
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	6/1/2012	7/1/2014		Yes
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	6/1/2012	7/1/2014		Yes
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Woodward 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Woodward 345 kv dbl ckt OKGE	6/1/2012	1/1/2015		Yes
	Line - NPPD - Axtell - Kansas Border 345 kv	10/1/2012	6/1/2013		
	Line - Post Rock - Axtell 345 kv	10/1/2012	6/1/2013		
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	6/1/2012	1/1/2015		Yes
	Line - Spearville - Post Rock 345 kv	10/1/2012	10/1/2012		
	ROSE HILL 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2013		
	TUCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		
	TUCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		
	XFR - Post Rock 345/230 kv	10/1/2012	10/1/2012		
	XFR - Medicine Lodge 345/138 kv	6/1/2012	1/1/2015		Yes

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75199561	SUB 907 - SUB 919 69KV CKT 1	6/1/2018	6/1/2018		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75199561	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2012	6/1/2013		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75199561	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		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	MEDICINE LODGE - SAWYER 115KV CKT 1	12/1/2009	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	12/1/2009	6/1/2013		
	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.

*For reservation 75199561, The Maximum Firm Import Capability before the PAWNEE - LARNED 115 KV CKT 1 upgrade is 7MW due to Larned 34.5/12.47kV transformer.

*For reservation 75199561, PAWNEE - LARNED 115 KV CKT 1 upgrade assumes LARNED 115/12.47 KV transformer will be installed by Network Customer or Midwest Energy.

*The estimated engineering and construction cost for the Pawnee to Larned 115 kv line has a 2009 year effective date. This estimate will be updated with a 2012 year effective date.

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

Customer Study Number
KMEA AG1-2011-096

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KMEA	75200582	SECI	SECI	23	1/1/2012	6/1/2026	6/1/2018	11/1/2032	\$ 581,650	\$ -	\$ 581,650	\$ 1,124,398
									\$ 581,650	\$ -	\$ 581,650	\$ 1,124,398

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75200582	GRAND ISLAND - SWEETWATER 345KV CKT 2	10/1/2012	6/1/2018		Yes	\$ 198,803	\$ 96,288,750	\$ 385,201
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	6/1/2012	6/1/2015		Yes	\$ 382,847	\$ 2,500,000	\$ 739,197
Total						\$ 581,650	\$ 98,788,750	\$ 1,124,398

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
75200582	Line - Comanche County - Medicine Lodge 345 kV dbl ckt	6/1/2012	1/1/2015		Yes
	Line - Hitchland - Woodward 345 kV dbl ckt OKGE	6/1/2012	7/1/2014		Yes
	Line - Hitchland - Woodward 345 kV dbl ckt SPS	6/1/2012	7/1/2014		Yes
	Line - Medicine Lodge - Wichita 345 kV dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Wichita 345 kV dbl ckt WERE	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Woodward 345 kV dbl Ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Woodward 345 kV dbl Ckt OKGE	6/1/2012	1/1/2015		Yes
	Line - NPPD - Axtell - Kansas Border 345 kV	10/1/2012	6/1/2013		
	Line - Post Rock - Axtell 345 kV	10/1/2012	6/1/2013		
	Line - Spearville - Comanche County 345 kV dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Spearville - Comanche County 345 kV dbl ckt SUNC	6/1/2012	1/1/2015		Yes
	Line - Spearville - Post Rock 345 kV	10/1/2012	10/1/2012		
	TUCCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		Yes
	TUCCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		Yes
	XFR - Post Rock 345/230 kV	10/1/2012	10/1/2012		
	XFR - Medicine Lodge 345/138 kV	6/1/2012	1/1/2015		Yes

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75200582	Line - Bushton - Ellsworth 115 kV	6/1/2012	6/1/2015		Yes

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75200582	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2012	6/1/2013		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
75200582	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		
	FLATRDG3 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2009	6/1/2013		
	FLATRDG3 138.00 - HARPER 138KV CKT 1	12/1/2009	6/1/2013		
	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	6/1/2013	6/1/2013		
	MEDICINE LODGE - SAWYER 115KV CKT 1	12/1/2009	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	12/1/2009	6/1/2013		

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

*34.5 kV System Impacts and Upgrades have yet to be determined.

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

Customer Study Number
KPP AG1-2011-111

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
KPP	75173442	NPPD	WR	30	10/1/2012	10/1/2017	6/1/2018	6/1/2023	\$ 5,400,000	\$ -	\$ 9,781,275	\$ 14,940,642
									\$ 5,400,000	\$ -	\$ 9,781,275	\$ 14,940,642

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75173442	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC	10/1/2012	6/1/2015			\$ 75,611	\$ 3,150,000	\$ 158,536
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE	10/1/2012	6/1/2015			\$ 144,225	\$ 6,008,500	\$ 268,613
	Device - Timber Jct 138 kv Capacitor #2	6/1/2014	6/1/2014			\$ 445,037	\$ 1,022,400	\$ 779,082
	GRAND ISLAND - SWEETWATER 345KV CKT 2	10/1/2012	6/1/2018		Yes	\$ 4,800,022	\$ 96,288,750	\$ 7,221,176
	HARPER - MILAN TAP 138KV CKT 1 #1	10/1/2012	6/1/2014			\$ 5,401	\$ 225,000	\$ 12,066
	HARPER - MILAN TAP 138KV CKT 1 #2	10/1/2012	6/1/2015			\$ 298,128	\$ 12,420,200	\$ 625,093
	VICTORY HILL (VICTORYHL T1) 230/115/13.8KV TRANSFORMER CKT 1 Accelerate	10/1/2012	6/1/2016			\$ 205,572	\$ 205,572	\$ 266,626
	WOLF CREEK 345/69KV TRANSFORMER CKT 1	10/1/2014	6/1/2015			\$ 3,807,279	\$ 12,197,900	\$ 5,609,450
					Total	\$ 9,781,275	\$ 131,518,322	\$ 14,940,642

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
75173442	IATAN - NASHUA 345KV CKT 1	10/1/2012	6/1/2015		
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	6/1/2012	1/1/2015		Yes
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	6/1/2012	7/1/2014		Yes
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	6/1/2012	7/1/2014		Yes
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Woodward 345 kv dbl ckt OKGE	6/1/2012	1/1/2015		Yes
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	6/1/2012	1/1/2015		Yes
	TUCCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		Yes
	TUCCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		Yes
	XFR - Medicine Lodge 345/138 kv	6/1/2012	1/1/2015		Yes

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75173442	Device - Northwest Manhattan Cap 115 kv	6/1/2015	6/1/2015		
	FORT JUNCTION SWITCHING STATION - WEST JUNCTION CITY JUNCTION (EAST) 115KV CKT 1	6/1/2015	6/1/2015		
	SHELDON - SW7TH & PLEASANT HILL 115KV CKT 2 LES	6/1/2013	6/1/2013		
	UNIONRG3 115.00 - CHAPMAN 115KV CKT 1	6/1/2015	6/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75173442	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	10/1/2012	7/1/2013		Yes
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	10/1/2012	6/1/2013		Yes
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	10/1/2012	12/1/2013		Yes
	EL PASO - FARBER 138KV CKT 1	6/1/2014	6/1/2015		Yes

Planned Projects

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75173442	BELL - PECK 69KV CKT 1	6/1/2013	6/1/2013		
	BELL - SUMNER COUNTY NO. 3 MILLER 69KV CKT 1	6/1/2013	6/1/2014		Yes
	CITY OF WELLINGTON - SUMNER COUNTY NO. 3 MILLER 69KV CKT 1	6/1/2013	6/1/2014		Yes
	CITY OF WELLINGTON - SUMNER COUNTY NO. 4 ROME 69KV CKT 1	6/1/2013	6/1/2014		Yes
	CRESWELL - SUMNER COUNTY NO. 4 ROME 69KV CKT 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

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
75173442	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		
	DEARING 138KV Capacitor	6/1/2012	6/1/2012		
	FLATRDG3 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2009	6/1/2013		
	FLATRDG3 138.00 - HARPER 138KV CKT 1	12/1/2009	6/1/2013		
	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	6/1/2013	6/1/2013		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	MEDICINE LODGE - SAWYER 115KV CKT 1	12/1/2009	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	12/1/2009	6/1/2013		
	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
LESM AG1-2011-006

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements	
LESM	75134451	NPPD	LES	10	10/1/2012	10/1/2017	6/1/2018	6/1/2023	\$ -	\$ -	\$ 730,909	\$ 1,099,583	
										\$ -	\$ -	\$ 730,909	\$ 1,099,583

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75134451	GRAND ISLAND - SWEETWATER 345KV CKT 2	10/1/2012	6/1/2018		Yes	\$ 730,909	\$ 96,288,750	\$ 1,099,583
Total						\$ 730,909	\$ 96,288,750	\$ 1,099,583

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
75134451	CANADAY - LEXINGTON 115KV CKT 1	10/1/2012	6/1/2013		
	Line - Comanche County - Medicine Lodge 345 kv dbi ckt	6/1/2012	1/1/2015		
	Line - Hitchland - Woodward 345 kv dbi ckt OKGE	6/1/2012	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbi ckt SPS	6/1/2012	7/1/2014		
	Line - Medicine Lodge - Wichita 345 kv dbi ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Wichita 345 kv dbi ckt WERE	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbi ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbi ckt OKGE	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbi ckt SPS	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbi ckt MKEC	6/1/2012	1/1/2015		
	TUCCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		
	TUCCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		
	XFR - Medicine Lodge 345/138 kv	6/1/2012	1/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75134451	SHELDON - SW7TH & PLEASANT HILL 115KV CKT 2 LES	6/1/2013	6/1/2013		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75134451	ALBION - PETERSBURG 115KV CKT 1	1/1/2013	1/1/2013		
	NEUGH - PETERSBURG 115KV CKT 1	1/1/2013	1/1/2013		

*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
 MEAN AG1-2011-044

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
MEAN	75179416	NPPD	MEC	1	7/1/2011	7/1/2016	6/1/2012	6/1/2017	\$ -	\$ 64,800	\$ -	\$ -
									\$ -	\$ 64,800	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75179416	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
75179416	Line - Comanche County - Medicine Lodge 345 kV dbl ckt	6/1/2012	1/1/2015		
	Line - Hitchland - Woodward 345 kV dbl ckt OKGE	6/1/2012	7/1/2014		
	Line - Hitchland - Woodward 345 kV dbl ckt SPS	6/1/2012	7/1/2014		
	Line - Medicine Lodge - Wichita 345 kV dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Wichita 345 kV dbl ckt WERE	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kV dbl Ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kV dbl Ckt OKGE	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kV dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kV dbl ckt SUNC	6/1/2012	1/1/2015		
	TUCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		
	TUCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		
	XFR - Medicine Lodge 345/138 kV	6/1/2012	1/1/2015		

*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**
 MEAN AG1-2011-045

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
MEAN	75179412	NPPD	MEC	2	7/1/2011	7/1/2016	6/1/2012	6/1/2017	\$ -	\$ 129,600	\$ -	\$ -
									\$ -	\$ 129,600	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75179412	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
75179412	Line - Comanche County - Medicine Lodge 345 kV dbl ckt	6/1/2012	1/1/2015		
	Line - Hitchland - Woodward 345 kV dbl ckt OKGE	6/1/2012	7/1/2014		
	Line - Hitchland - Woodward 345 kV dbl ckt SPS	6/1/2012	7/1/2014		
	Line - Medicine Lodge - Wichita 345 kV dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Wichita 345 kV dbl ckt WERE	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kV dbl Ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kV dbl Ckt OKGE	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kV dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kV dbl ckt SUNC	6/1/2012	1/1/2015		
	TUCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		
	TUCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		
	XFR - Medicine Lodge 345/138 kV	6/1/2012	1/1/2015		

*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
 MEAN AG1-2011-046

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	
MEAN	75169245	NPPD	NPPD	4	7/1/2011	7/1/2016	6/1/2012	6/1/2017	\$ -	\$ -	\$ 591,654	\$ 866,387	
											\$ -	\$ 591,654	\$ 866,387

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75169245	GRAND ISLAND - SWEETWATER 345KV CKT 2	10/1/2012	6/1/2018			\$ 591,654	\$ 96,288,750	\$ 866,387
Total						\$ 591,654	\$ 96,288,750	\$ 866,387

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
75169245	CANADAY - LEXINGTON 115KV CKT 1	10/1/2012	6/1/2013		
	Line - Comanche County - Medicine Lodge 345 kV dbl ckt	6/1/2012	1/1/2015		
	Line - Hitchland - Woodward 345 kV dbl ckt OKGE	6/1/2012	7/1/2014		
	Line - Hitchland - Woodward 345 kV dbl ckt SPS	6/1/2012	7/1/2014		
	Line - Medicine Lodge - Wichita 345 kV dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Wichita 345 kV dbl ckt WERE	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kV dbl Ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kV dbl Ckt OKGE	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kV dbl ckt SPS	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kV dbl ckt SUNC	6/1/2012	1/1/2015		
	TUCCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		
	TUCCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		
	XFR - Medicine Lodge 345/138 kV	6/1/2012	1/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75169245	KELLY - MADISONCO 230.00 230KV CKT 1	10/1/2013	11/1/2014		

*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
MEAN AG1-2011-047

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
MEAN	75181551	NPPD	NPPD	4	10/1/2012	10/1/2022			\$ 311,087	\$ -	\$ 311,087	\$ 542,401
									\$ 311,087	\$ -	\$ 311,087	\$ 542,401

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
75181551	GRAND ISLAND - SWEETWATER 345KV CKT 2	10/1/2012	6/1/2018			\$ 311,087	\$ -	\$ 311,087	\$ 96,288,750	\$ 542,401
					Total	\$ 311,087	\$ -	\$ 311,087	\$ 96,288,750	\$ 542,401

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
75181551	CANADAY - LEXINGTON 115KV CKT 1	10/1/2012	6/1/2013		
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	6/1/2012	1/1/2015		
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	6/1/2012	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	6/1/2012	7/1/2014		
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbl ckt OKGE	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	6/1/2012	1/1/2015		
	TUCCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		
	TUCCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		
	XFR - Medicine Lodge 345/138 kv	6/1/2012	1/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75181551	ALBION - PETERSBURG 115KV CKT 1	1/1/2013	1/1/2013		
	NELIGH - PETERSBURG 115KV CKT 1	1/1/2013	1/1/2013		

*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
MIDW AG1-2011-084

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
MIDW	75200166	WR	WR	15	6/1/2012	6/1/2017	6/1/2015	6/1/2020	\$ 609,075	\$ -	\$ 609,075	\$ 862,945
									\$ 609,075	\$ -	\$ 609,075	\$ 862,945

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75200166	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	6/1/2012	6/1/2015		Yes	\$ 609,075	\$ 2,500,000	\$ 862,945
Total						\$ 609,075	\$ 2,500,000	\$ 862,945

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
75200166	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	6/1/2012	1/1/2015		Yes
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	6/1/2012	7/1/2014		Yes
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	6/1/2012	7/1/2014		Yes
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE	6/1/2012	1/1/2015		Yes
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	6/1/2012	1/1/2015		Yes
	TUCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		
	TUCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		
	XFR - Medicine Lodge 345/138 kv	6/1/2012	1/1/2015		Yes

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75200166	Device - Northwest Manhattan Cap 115 kv	6/1/2015	6/1/2015		
	FORT JUNCTION SWITCHING STATION - WEST JUNCTION CITY JUNCTION (EAST) 115KV CKT 1	6/1/2015	6/1/2015		
	UNIONRG3 115.00 - CHAPMAN 115KV CKT 1	6/1/2015	6/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75200166	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		
	CIRCLE - RICE CO 230KV CKT 1	10/1/2012	6/1/2014		
	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		
	MEDICINE LODGE - SAWYER 115KV CKT 1	12/1/2009	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	12/1/2009	6/1/2013		
	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
MIDW AG1-2011-085

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
MIDW	75200168	WR	WR	5	6/1/2012	6/1/2017	6/1/2015	6/1/2020	\$ 203,030	\$ -	\$ 203,030	\$ 287,655
									\$ 203,030	\$ -	\$ 203,030	\$ 287,655

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75200168	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	6/1/2012	6/1/2015		Yes	\$ 203,030	\$ 2,500,000	\$ 287,655
Total						\$ 203,030	\$ 2,500,000	\$ 287,655

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
75200168	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	6/1/2012	1/1/2015		
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	6/1/2012	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	6/1/2012	7/1/2014		
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	6/1/2012	1/1/2015		
	TUCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		
	TUCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		
	XFR - Medicine Lodge 345/138 kv	6/1/2012	1/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75200168	Device - Northwest Manhattan Cap 115 kv	6/1/2015	6/1/2015		
	FORT JUNCTION SWITCHING STATION - WEST JUNCTION CITY JUNCTION (EAST) 115KV CKT 1	6/1/2015	6/1/2015		
	UNIONRG3 115.00 - CHAPMAN 115KV CKT 1	6/1/2015	6/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75200168	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		
	CIRCLE - RICE CO 230KV CKT 1	10/1/2012	6/1/2014		
	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		
	MEDICINE LODGE - SAWYER 115KV CKT 1	12/1/2009	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	12/1/2009	6/1/2013		
	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
MIDW AG1-2011-086

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
MIDW	75200171	WR	WR	5	6/1/2012	6/1/2017	6/1/2015	6/1/2020	\$ 203,030	\$ -	\$ 203,030	\$ 287,655
									\$ 203,030	\$ -	\$ 203,030	\$ 287,655

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75200171	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	6/1/2012	6/1/2015		Yes	\$ 203,030	\$ 2,500,000	\$ 287,655
Total						\$ 203,030	\$ 2,500,000	\$ 287,655

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
75200171	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	6/1/2012	1/1/2015		
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	6/1/2012	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	6/1/2012	7/1/2014		
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	6/1/2012	1/1/2015		
	TUCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		
	TUCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		
	XFR - Medicine Lodge 345/138 kv	6/1/2012	1/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75200171	Device - Northwest Manhattan Cap 115 kv	6/1/2015	6/1/2015		
	FORT JUNCTION SWITCHING STATION - WEST JUNCTION CITY JUNCTION (EAST) 115KV CKT 1	6/1/2015	6/1/2015		
	UNIONRG3 115.00 - CHAPMAN 115KV CKT 1	6/1/2015	6/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75200171	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		
	CIRCLE - RICE CO 230KV CKT 1	10/1/2012	6/1/2014		
	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		
	MEDICINE LODGE - SAWYER 115KV CKT 1	12/1/2009	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	12/1/2009	6/1/2013		
	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
MIDW AG1-2011-087

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
MIDW	75200180	WR	WR	5	6/1/2013	6/1/2018	6/1/2015	6/1/2020	\$ 203,030	\$ -	\$ 203,030	\$ 310,107
									\$ 203,030	\$ -	\$ 203,030	\$ 310,107

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75200180	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	6/1/2012	6/1/2015		Yes	\$ 203,030	\$ 2,500,000	\$ 310,107
Total						\$ 203,030	\$ 2,500,000	\$ 310,107

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
75200180	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	6/1/2012	1/1/2015		
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	6/1/2012	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	6/1/2012	7/1/2014		
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	6/1/2012	1/1/2015		
	TUCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		
	TUCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		
	XFR - Medicine Lodge 345/138 kv	6/1/2012	1/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75200180	Device - Northwest Manhattan Cap 115 kv	6/1/2015	6/1/2015		
	FORT JUNCTION SWITCHING STATION - WEST JUNCTION CITY JUNCTION (EAST) 115KV CKT 1	6/1/2015	6/1/2015		
	UNIONRG3 115.00 - CHAPMAN 115KV CKT 1	6/1/2015	6/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75200180	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		
	CIRCLE - RICE CO 230KV CKT 1	10/1/2012	6/1/2014		
	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		
	MEDICINE LODGE - SAWYER 115KV CKT 1	12/1/2009	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	12/1/2009	6/1/2013		
	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
MIDW AG1-2011-088

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
MIDW	75200183	WR	WR	5	6/1/2013	6/1/2018	6/1/2015	6/1/2020	\$ 203,030	\$ -	\$ 203,030	\$ 310,107
									\$ 203,030	\$ -	\$ 203,030	\$ 310,107

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75200183	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	6/1/2012	6/1/2015		Yes	\$ 203,030	\$ 2,500,000	\$ 310,107
Total						\$ 203,030	\$ 2,500,000	\$ 310,107

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
75200183	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	6/1/2012	1/1/2015		
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	6/1/2012	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	6/1/2012	7/1/2014		
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	6/1/2012	1/1/2015		
	TUCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		
	TUCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		
	XFR - Medicine Lodge 345/138 kv	6/1/2012	1/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75200183	Device - Northwest Manhattan Cap 115 kv	6/1/2015	6/1/2015		
	FORT JUNCTION SWITCHING STATION - WEST JUNCTION CITY JUNCTION (EAST) 115KV CKT 1	6/1/2015	6/1/2015		
	UNIONRG3 115.00 - CHAPMAN 115KV CKT 1	6/1/2015	6/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75200183	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		
	CIRCLE - RICE CO 230KV CKT 1	10/1/2012	6/1/2014		
	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		
	MEDICINE LODGE - SAWYER 115KV CKT 1	12/1/2009	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	12/1/2009	6/1/2013		
	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
 NPPM AG1-2011-066

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
NPPM	75200206	NPPD	NPPD	1	12/1/2012	12/1/2017			\$ -	\$ 85,837	\$ 124,988	\$ 190,062
									\$ -	\$ 85,837	\$ 124,988	\$ 190,062

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75200206	GRAND ISLAND - SWEETWATER 345KV CKT 2	10/1/2012	6/1/2018			\$ 124,988	\$ 96,288,750	\$ 190,062
Total						\$ 124,988	\$ 96,288,750	\$ 190,062

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
75200206	CANADAY - LEXINGTON 115KV CKT 1	10/1/2012	6/1/2013		
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	6/1/2012	1/1/2015		
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	6/1/2012	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	6/1/2012	7/1/2014		
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	6/1/2012	1/1/2015		
	TUCCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		
	TUCCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		
	XFR - Medicine Lodge 345/138 kv	6/1/2012	1/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75200206	ALBION - PETERSBURG 115KV CKT 1	1/1/2013	1/1/2013		
	NELIGH - PETERSBURG 115KV CKT 1	1/1/2013	1/1/2013		

*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
NTEC AG1-2011-109

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
NTEC	75200060	CSWS	EES	125	1/1/2015	1/1/2020	6/1/2016	6/1/2021	\$ -	\$ 8,850,000	\$ -	\$ -
									\$ -	\$ 8,850,000	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75200060	None					\$ -	\$ -	\$ -
Total						\$ -	\$ -	\$ -

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
75200060	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	MCNAB REC - TURK 115KV CKT 1	7/1/2012	7/1/2012		

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

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75200060	7JASPER 345.00 - BLACKBERRY 345KV CKT 1	6/1/2014	6/1/2016		No	\$ 225,859	\$ 8,000,000
	BARKERS 6 230.00 - BOGALUSA 230KV CKT 1 CELE	10/1/2012	10/1/2012			9.51%	100.00%
	BARKERS 6 230.00 - RAMSAY 230KV CKT 1	6/1/2014	6/1/2014			11.27%	100.00%
	CHAMPAGNE - PLAISANCE 138KV CKT 1 CELE	6/1/2013	6/1/2013			26.99%	100.00%
	COCODRIE 230/138KV TRANSFORMER CKT 1	6/1/2013	6/1/2013			20.97%	100.00%
Total						\$ 225,859	\$ 8,000,000

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

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

Customer Study Number
NTEC AG1-2011-110

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
NTEC	75200061	EE5	CSWS	75	1/1/2015	1/1/2020	6/1/2016	6/1/2021	\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75200061	None					\$ -	\$ -	\$ -
Total						\$ -	\$ -	\$ -

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
75200061	DIANA - PERDUE 138KV CKT 1 #1			1/1/2015	1/1/2015
	DIANA - PERDUE 138KV CKT 1 #2			1/1/2015	6/1/2016
	MARSHALL (MARSH 1) 138/69/12.47KV TRANSFORMER CKT 1			1/1/2015	1/1/2015
	MARSHALL (MARSH 2) 138/69/12.47KV TRANSFORMER CKT 2			1/1/2015	1/1/2015

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75200061	GRACMNT4 138.00 - WASHITA 138KV CKT 2 OKGE			6/1/2012	6/1/2012
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 WFEC			6/1/2012	6/1/2012

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75200061	BANN - RED SPRINGS REC 138KV CKT 1			7/1/2012	7/1/2012
	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 345 KV WFEC			7/1/2012	7/1/2012
	MCNAB REC - TURK 115KV CKT 1			7/1/2012	7/1/2012

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

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75200061	FAIRVIEW - MADISONVILLE 230KV CKT 1 CELE			6/1/2018	6/1/2018	100.00%	100.00%
Total						\$ -	\$ -

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

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

Customer Study Number
 OMPA AG1-2011-049

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
OMPA	75180762	CSWS	CSWS	50	6/1/2014	9/30/2018	6/1/2015	9/1/2019	\$ 264,028	\$ -	\$ 264,028	\$ 509,011
									\$ 264,028	\$ -	\$ 264,028	\$ 509,011

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75180762	Device - Timber Jct 138 kV Capacitor #2	6/1/2014	6/1/2014			\$ 264,028	\$ 1,022,400	\$ 509,011
Total						\$ 264,028	\$ 1,022,400	\$ 509,011

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
75180762	ELK CITY (ELKCTY-4) 138/69/13.8KV TRANSFORMER CKT 1	6/1/2018	6/1/2018		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75180762	EL PASO - FARBER 138KV CKT 1	6/1/2014	6/1/2015		Yes

Planned Projects

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75180762	BELL - PECK 69KV CKT 1	6/1/2013	6/1/2013		
	BELL - SUMNER COUNTY NO. 3 MILLER 69KV CKT 1	6/1/2013	6/1/2014		
	CITY OF WELLINGTON - SUMNER COUNTY NO. 3 MILLER 69KV CKT 1	6/1/2013	6/1/2014		
	CITY OF WELLINGTON - SUMNER COUNTY NO. 4 ROME 69KV CKT 1	6/1/2013	6/1/2014		
	CRESWELL - SUMNER COUNTY NO. 4 ROME 69KV CKT 1	6/1/2013	6/1/2014		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75180762	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
 OMPA AG1-2011-050

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
OMPA	75196276	CSWS	OKGE	3	3/1/2012	12/31/2027	6/1/2012	3/1/2028	\$ 1,615,411	\$ -	\$ 1,615,411	\$ 2,704,456
									\$ 1,615,411	\$ -	\$ 1,615,411	\$ 2,704,456

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75196276	36TH & LEWIS - 52ND & DELAWARE TAP 138KV CKT 1	6/1/2018	6/1/2018			\$ 1,600,000	\$ 1,600,000	\$ 2,667,590
	Device - Timber Jct 138 kV Capacitor #2	6/1/2014	6/1/2014			\$ 15,411	\$ 1,022,400	\$ 36,866
					Total	\$ 1,615,411	\$ 2,622,400	\$ 2,704,456

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
75196276	Line - Comanche County - Medicine Lodge 345 kV dbi ckt	6/1/2012	1/1/2015		
	Line - Hitchland - Woodward 345 kV dbi ckt OKGE	6/1/2012	7/1/2014		
	Line - Hitchland - Woodward 345 kV dbi ckt SPS	6/1/2012	7/1/2014		
	Line - Medicine Lodge - Wichita 345 kV dbi ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Wichita 345 kV dbi ckt WERE	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kV dbi ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kV dbi ckt OKGE	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kV dbi ckt MKEC	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kV dbi ckt SUNC	6/1/2012	1/1/2015		
	ROSE HILL 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2013		
	TUCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		
	TUCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		
	XFR - Medicine Lodge 345/138 kV	6/1/2012	1/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75196276	BLUEBELL - PRATTVILLE 138KV CKT 1 AEPW	6/1/2018	6/1/2018		
	ELK CITY (ELKCTY-4) 138/69/13.8KV TRANSFORMER CKT 1	6/1/2018	6/1/2018		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75196276	CANTON - TALOGA 69KV CKT 1	6/1/2012	6/1/2013		
	EL PASO - FARBER 138KV CKT 1	6/1/2014	6/1/2015		
	NORTHWEST 345/138/13.8KV TRANSFORMER CKT 3 Accelerated	6/1/2012	6/1/2015		

Planned Projects

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75196276	BELL - PECK 69KV CKT 1	6/1/2013	6/1/2013		
	BELL - SUMNER COUNTY NO. 3 MILLER 69KV CKT 1	6/1/2013	6/1/2014		
	CITY OF WELLINGTON - SUMNER COUNTY NO. 3 MILLER 69KV CKT 1	6/1/2013	6/1/2014		
	CITY OF WELLINGTON - SUMNER COUNTY NO. 4 ROME 69KV CKT 1	6/1/2013	6/1/2014		
	CRESWELL - SUMNER COUNTY NO. 4 ROME 69KV CKT 1	6/1/2013	6/1/2014		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75196276	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
 OPPM AG1-2011-025

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
OPPM	75181578	NPPD	OPPD	13	10/1/2012	10/1/2017			\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75181578	None					\$ -	\$ -	\$ -
Total						\$ -	\$ -	\$ -

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
75181578	KELLY - MADISONCO 230.00 230KV CKT 1	10/1/2013	11/1/2014		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75181578	ALBION - PETERSBURG 115KV CKT 1	1/1/2013	1/1/2013		
	FT RANDAL - MADISONCO 230.00 230KV CKT 1	11/1/2014	11/1/2014		
	KELLY - MADISONCO 230.00 230KV CKT 1	11/1/2014	11/1/2014		
	NELIGH - PETERSBURG 115KV CKT 1	1/1/2013	1/1/2013		

*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
 OPPM AG1-2011-026

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
OPPM	75180047	NPPD	OPPD	18	12/1/2012	12/1/2017	6/1/2018	6/1/2023	\$ 1,478,498	\$ -	\$ 1,478,498	\$ 2,273,688
									\$ 1,478,498	\$ -	\$ 1,478,498	\$ 2,273,688

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
75180047	GRAND ISLAND - SWEETWATER 345KV CKT 2	10/1/2012	6/1/2018		Yes	\$ 1,172,804	\$ -	\$ 1,172,804	\$ 96,288,750	\$ 1,783,418
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2014	6/1/2017			\$ 305,694	\$ -	\$ 305,694	\$ 67,140,000	\$ 490,271
					Total	\$ 1,478,498	\$ -	\$ 1,478,498	\$ 163,428,750	\$ 2,273,688

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
75180047	CANADAY - LEXINGTON 115KV CKT 1	10/1/2012	6/1/2013		Yes
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	6/1/2012	1/1/2015		
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	6/1/2012	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	6/1/2012	7/1/2014		
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbl Ckt OKGE	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	6/1/2012	1/1/2015		
	TUCCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		
	TUCCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		
	XFR - Medicine Lodge 345/138 kv	6/1/2012	1/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75180047	SUB 906 NORTH - SUB 928 69KV CKT 1	6/1/2021	6/1/2021		
	SUB 921 - SUB 942 69KV CKT 1	6/1/2018	6/1/2018		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75180047	ALBION - PETERSBURG 115KV CKT 1	1/1/2013	1/1/2013		
	NELIGH - PETERSBURG 115KV CKT 1	1/1/2013	1/1/2013		

*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
OSAG AG1-2011-067

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
OSAG	75199837	WR	WR	10	8/1/2011	8/1/2013	6/1/2012	6/1/2014	\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75199837	None					\$ -	\$ -	\$ -
Total						\$ -	\$ -	\$ -

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
75199837	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		

*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
PRBZ AG1-2011-100

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
PRBZ	75197450	NPPD	EES	50	1/1/2014	1/1/2019	6/1/2016	6/1/2021	\$ -	\$ 3,540,000	\$ -	\$ -
									\$ -	\$ 3,540,000	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75197450	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
75197450	IATAN - NASHUA 345KV CKT 1			10/1/2012	6/1/2015
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt			6/1/2012	1/1/2015
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE			6/1/2012	7/1/2014
	Line - Hitchland - Woodward 345 kv dbl ckt SPS			6/1/2012	7/1/2014
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC			6/1/2012	1/1/2015
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE			6/1/2012	1/1/2015
	Line - Medicine Lodge - Woodward 345 kv dbl ckt MKEC			6/1/2012	1/1/2015
	Line - Medicine Lodge - Woodward 345 kv dbl ckt OKGE			6/1/2012	1/1/2015
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC			6/1/2012	1/1/2015
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC			6/1/2012	1/1/2015
	TUCO - WOODWARD 345 KV CKT 1 OKGE			6/1/2012	6/1/2014
	TUCO - WOODWARD 345 KV CKT 1 SPS			6/1/2012	6/1/2014
	XFR - Medicine Lodge 345/138 kv			6/1/2012	1/1/2015

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75197450	FT RANDAL - MADISONCO 230.00 230KV CKT 1			1/1/2014	11/1/2014
	KELLY - MADISONCO 230.00 230KV CKT 1			10/1/2013	11/1/2014

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75197450	FT RANDAL - MADISONCO 230.00 230KV CKT 1			11/1/2014	11/1/2014
	HUGO POWER PLANT - VALLIANT 345 KV AEPW			7/1/2012	7/1/2012
	HUGO POWER PLANT - VALLIANT 345 KV WFEC			7/1/2012	7/1/2012
	KELLY - MADISONCO 230.00 230KV CKT 1			11/1/2014	11/1/2014
	LACYGNE - WEST GARDNER 345KV CKT 1			6/1/2006	6/1/2006
	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.

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75197450	70VERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1			10/1/2012	6/1/2016	\$ 343,930	\$ 16,100,000
	BARKERS 6 230.00 - BOGALUSA 230KV CKT 1 CELE			10/1/2012	10/1/2012		4.90%
	BARKERS 6 230.00 - RAMSAY 230KV CKT 1			6/1/2014	6/1/2014		5.81%
	CLINTON - MONTROSE 161KV CKT 1 AECI			6/1/2014	6/1/2015	\$ 2,690	\$ 180,000
	COCODRIE 230/138KV TRANSFORMER CKT 1			6/1/2013	6/1/2013		3.84%
	FT RANDAL - SPENCER 115KV CKT 1			6/1/2018	6/1/2018		25.00%
	LELAND OLDS - LELAND OLDS1 TY 345KV CKT 1			10/1/2012	10/1/2012		10.62%
	LELAND OLDS1 TY 345/230KV TRANSFORMER CKT 1			10/1/2012	10/1/2012		10.62%
	TOLEDO BEND - VAN PLY TAP 138KV CKT 1 CELE			10/1/2013	10/1/2013		5.62%
Total						\$ 3,159,120	\$ 27,530,000

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

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

Customer Study Number
PRBZ AG1-2011-102

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
PRBZ	75197468	NPPD	EES	50	1/1/2014	1/1/2019	6/1/2016	6/1/2021	\$ -	\$ 3,540,000	\$ -	\$ -
									\$ -	\$ 3,540,000	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75197468	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
75197468	IATAN - NASHUA 345KV CKT 1			10/1/2012	6/1/2015
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt			6/1/2012	1/1/2015
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE			6/1/2012	7/1/2014
	Line - Hitchland - Woodward 345 kv dbl ckt SPS			6/1/2012	7/1/2014
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC			6/1/2012	1/1/2015
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE			6/1/2012	1/1/2015
	Line - Medicine Lodge - Woodward 345 kv dbl ckt MKEC			6/1/2012	1/1/2015
	Line - Medicine Lodge - Woodward 345 kv dbl ckt OKGE			6/1/2012	1/1/2015
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC			6/1/2012	1/1/2015
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC			6/1/2012	1/1/2015
	TUCO - WOODWARD 345 KV CKT 1 OKGE			6/1/2012	6/1/2014
	TUCO - WOODWARD 345 KV CKT 1 SPS			6/1/2012	6/1/2014
	XFR - Medicine Lodge 345/138 kv			6/1/2012	1/1/2015

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75197468	FT RANDAL - MADISONCO 230.00 230KV CKT 1			1/1/2014	11/1/2014
	KELLY - MADISONCO 230.00 230KV CKT 1			10/1/2013	11/1/2014

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75197468	FT RANDAL - MADISONCO 230.00 230KV CKT 1			11/1/2014	11/1/2014
	HUGO POWER PLANT - VALLIANT 345 KV AEPW			7/1/2012	7/1/2012
	HUGO POWER PLANT - VALLIANT 345 KV WFEC			7/1/2012	7/1/2012
	KELLY - MADISONCO 230.00 230KV CKT 1			11/1/2014	11/1/2014
	LACYGNE - WEST GARDNER 345KV CKT 1			6/1/2006	6/1/2006
	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.

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75197468	ZOVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1			10/1/2012	6/1/2016	\$ 343,930	\$ 16,100,000
	BARKERS 6 230.00 - BOGALUSA 230KV CKT 1 CELE			10/1/2012	10/1/2012		4.90%
	BARKERS 6 230.00 - RAMSAY 230KV CKT 1			6/1/2014	6/1/2014		5.81%
	CLINTON - MONTROSE 161KV CKT 1 AECI			6/1/2014	6/1/2015	\$ 2,690	\$ 180,000
	COCODRIE 230/138KV TRANSFORMER CKT 1			6/1/2013	6/1/2013		3.84%
	FT RANDAL - SPENCER 115KV CKT 1			6/1/2018	6/1/2018		25.00%
	LELAND OLDS - LELAND OLDS1 TY 345KV CKT 1			10/1/2012	10/1/2012		10.62%
	LELAND OLDS1 TY 345/230KV TRANSFORMER CKT 1			10/1/2012	10/1/2012		10.62%
	TOLEDO BEND - VAN PLY TAP 138KV CKT 1 CELE			10/1/2013	10/1/2013		5.62%
Total						\$ 3,159,120	\$ 27,530,000

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

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

Customer Study Number
PRBZ AG1-2011-103

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
PRBZ	75197435	NPPD	EES	100	1/1/2014	1/1/2019	6/1/2016	6/1/2021	\$ -	\$ 7,080,000	\$ -	\$ -
									\$ -	\$ 7,080,000	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75197435	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
75197435	IATAN - NASHUA 345KV CKT 1			10/1/2012	6/1/2015
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt			6/1/2012	1/1/2015
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE			6/1/2012	7/1/2014
	Line - Hitchland - Woodward 345 kv dbl ckt SPS			6/1/2012	7/1/2014
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC			6/1/2012	1/1/2015
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE			6/1/2012	1/1/2015
	Line - Medicine Lodge - Woodward 345 kv dbl ckt MKEC			6/1/2012	1/1/2015
	Line - Medicine Lodge - Woodward 345 kv dbl ckt OKGE			6/1/2012	1/1/2015
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC			6/1/2012	1/1/2015
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC			6/1/2012	1/1/2015
	TUCO - WOODWARD 345 KV CKT 1 OKGE			6/1/2012	6/1/2014
	TUCO - WOODWARD 345 KV CKT 1 SPS			6/1/2012	6/1/2014
	XFR - Medicine Lodge 345/138 kv			6/1/2012	1/1/2015

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75197435	FT RANDAL - MADISONCO 230.00 230KV CKT 1			1/1/2014	11/1/2014
	KELLY - MADISONCO 230.00 230KV CKT 1			10/1/2013	11/1/2014

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75197435	FT RANDAL - MADISONCO 230.00 230KV CKT 1			11/1/2014	11/1/2014
	HUGO POWER PLANT - VALLIANT 345 KV AEPW			7/1/2012	7/1/2012
	HUGO POWER PLANT - VALLIANT 345 KV WFEC			7/1/2012	7/1/2012
	KELLY - MADISONCO 230.00 230KV CKT 1			11/1/2014	11/1/2014
	LACYGNE - WEST GARDNER 345KV CKT 1			6/1/2006	6/1/2006
	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.

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75197435	ZOVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1			10/1/2012	6/1/2016	\$ 687,813	\$ 16,100,000
	BARKERS 6 230.00 - BOGALUSA 230KV CKT 1 CELE			10/1/2012	10/1/2012	9.81%	100.00%
	BARKERS 6 230.00 - RAMSAY 230KV CKT 1			6/1/2014	6/1/2014	11.63%	100.00%
	CLINTON - MONTROSE 161KV CKT 1 AECI			6/1/2014	6/1/2015	\$ 5,379	\$ 180,000
	COCODRIE 230/138KV TRANSFORMER CKT 1			6/1/2013	6/1/2013	7.67%	100.00%
	FT RANDAL - SPENCER 115KV CKT 1			6/1/2018	6/1/2018	50.00%	100.00%
	LELAND OLDS - LELAND OLDS1 TY 345KV CKT 1			10/1/2012	10/1/2012	21.24%	100.00%
	LELAND OLDS1 TY 345/230KV TRANSFORMER CKT 1			10/1/2012	10/1/2012	21.24%	100.00%
	TOLEDO BEND - VAN PLY TAP 138KV CKT 1 CELE			10/1/2013	10/1/2013	11.23%	100.00%
Total						\$ 6,318,192	\$ 27,530,000

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

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

Customer Study Number
SECI AG1-2011-108

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	75173900	SECI	SECI	80	7/1/2012	7/1/2032	6/1/2015	6/1/2035	\$ 1,802,130	\$ -	\$ 2,054,579	\$ 8,530,886
									\$ 1,802,130	\$ -	\$ 2,054,579	\$ 8,530,886

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
75173900	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC	10/1/2012	6/1/2015			\$ 258,704	\$ -	\$ 258,704	\$ 3,150,000	\$ 1,195,824
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE	10/1/2012	6/1/2015			\$ 328,978	\$ 164,489	\$ 493,467	\$ 6,008,500	\$ 1,775,841
	HARPER - MILAN TAP 138KV CKT 1 #1	10/1/2012	6/1/2014			\$ 18,479	\$ -	\$ 18,479	\$ 225,000	\$ 90,815
	HARPER - MILAN TAP 138KV CKT 1 #2	10/1/2012	6/1/2015			\$ 1,020,048	\$ -	\$ 1,020,048	\$ 12,420,200	\$ 4,715,031
	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	6/1/2012	6/1/2015			\$ 175,921	\$ 87,960	\$ 263,881	\$ 2,500,000	\$ 753,375
	Total					\$ 1,802,130	\$ 252,449	\$ 2,054,579	\$ 24,303,700	\$ 8,530,886

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
75173900	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	6/1/2012	1/1/2015		
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	6/1/2012	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	6/1/2012	7/1/2014		
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbl ckt OKGE	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	6/1/2012	1/1/2015		
	TUCCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		
	TUCCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		
	XFR - Medicine Lodge 345/138 kv	6/1/2012	1/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75173900	FLATRDG3 138.00 - HARPER 138KV CKT 1	6/1/2012	1/1/2014		
	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2012	6/1/2013		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75173900	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		
	FLATRDG3 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2009	6/1/2013		
	FLATRDG3 138.00 - HARPER 138KV CKT 1	12/1/2009	6/1/2013		
	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	6/1/2013	6/1/2013		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	MEDICINE LODGE - SAWYER 115KV CKT 1	12/1/2009	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	12/1/2009	6/1/2013		

*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 AG1-2011-064

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
SPSM	75197996	SPS	SPS	42	6/1/2012	6/1/2045	6/1/2015	6/1/2048	\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75197996	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
75197996	Line - Comanche County - Medicine Lodge 345 kV dbl ckt	6/1/2012	1/1/2015		Yes
	Line - Hitchland - Woodward 345 kV dbl ckt OKGE	6/1/2012	7/1/2014		Yes
	Line - Hitchland - Woodward 345 kV dbl ckt SPS	6/1/2012	7/1/2014		Yes
	Line - Medicine Lodge - Wichita 345 kV dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Wichita 345 kV dbl ckt WERE	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Woodward 345 kV dbl Ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Woodward 345 kV dbl ckt OKGE	6/1/2012	1/1/2015		Yes
	Line - Spearville - Comanche County 345 kV dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Spearville - Comanche County 345 kV dbl ckt SUNC	6/1/2012	1/1/2015		Yes
	NEWHART INTERCHANGE PROJECT	6/1/2012	6/1/2015		Yes
	TUCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		
	TUCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		
	XFR - Medicine Lodge 345/138 kV	6/1/2012	1/1/2015		Yes

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75197996	ARTESIA INTERCHANGE (GE C254477) 115/69/13.2KV TRANSFORMER CKT 1	6/1/2018	6/1/2018		
	ARTESIA INTERCHANGE (MNLV 2118072) 115/69/13.2KV TRANSFORMER CKT 2	6/1/2018	6/1/2018		
	BAILEY COUNTY INTERCHANGE - CURRY COUNTY INTERCHANGE 115KV CKT 1	6/1/2012	6/1/2015		Yes
	CHAVES COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 2	6/1/2020	6/1/2020		
	Device - Drinkard 14.4 MVAR Capacitor	6/1/2022	6/1/2022		
	EDDY COUNTY INTERCHANGE (I) 230/115/13.2KV TRANSFORMER CKT 2	10/1/2013	6/1/2015		Yes
	HITCHLAND INTERCHANGE (I) 230/115/13.2KV TRANSFORMER CKT 2	6/1/2021	6/1/2021		

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
75197996	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
SPSM AG1-2011-065

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
SPSM	75197998	SPS	SPS	29	6/1/2012	6/1/2032	6/1/2015	6/1/2035	\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75197998	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	
75197998	Line - Comanche County - Medicine Lodge 345 kV dbl ckt			6/1/2012	1/1/2015	Yes
	Line - Hitchland - Woodward 345 kV dbl ckt OKGE			6/1/2012	7/1/2014	Yes
	Line - Hitchland - Woodward 345 kV dbl ckt SPS			6/1/2012	7/1/2014	Yes
	Line - Medicine Lodge - Wichita 345 kV dbl ckt MKEC			6/1/2012	1/1/2015	Yes
	Line - Medicine Lodge - Wichita 345 kV dbl ckt WERE			6/1/2012	1/1/2015	Yes
	Line - Medicine Lodge - Woodward 345 kV dbl Ckt MKEC			6/1/2012	1/1/2015	Yes
	Line - Medicine Lodge - Woodward 345 kV dbl ckt OKGE			6/1/2012	1/1/2015	Yes
	Line - Spearville - Comanche County 345 kV dbl ckt MKEC			6/1/2012	1/1/2015	Yes
	Line - Spearville - Comanche County 345 kV dbl ckt SUNC			6/1/2012	1/1/2015	Yes
	NEWHART INTERCHANGE PROJECT			6/1/2012	6/1/2015	Yes
	TUCO - WOODWARD 345 KV CKT 1 OKGE			6/1/2012	6/1/2014	
	TUCO - WOODWARD 345 KV CKT 1 SPS			6/1/2012	6/1/2014	
	XFR - Medicine Lodge 345/138 kV			6/1/2012	1/1/2015	Yes

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	
75197998	ARTESIA INTERCHANGE (GE C254477) 115/69/13.2KV TRANSFORMER CKT 1			6/1/2018	6/1/2018	
	ARTESIA INTERCHANGE (MNLV 2118072) 115/69/13.2KV TRANSFORMER CKT 2			6/1/2018	6/1/2018	
	BAILEY COUNTY INTERCHANGE - CURRY COUNTY INTERCHANGE 115KV CKT 1			6/1/2012	6/1/2015	Yes
	CHAVES COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 2			6/1/2020	6/1/2020	
	Device - Drinkard 14.4 MVAR Capacitor			6/1/2022	6/1/2022	
	EDDY COUNTY INTERCHANGE (I) 230/115/13.2KV TRANSFORMER CKT 2			10/1/2013	6/1/2015	Yes
	HITCHLAND INTERCHANGE (I) 230/115/13.2KV TRANSFORMER CKT 2			6/1/2021	6/1/2021	

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	
75197998	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
TNSK AG1-2011-029

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
TNSK	75108845	KCPL	ERCOTE	44	8/1/2011	6/1/2014	6/1/2014	6/1/2014	\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75108845	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
75108845	IATAN - NASHUA 345KV CKT 1			10/1/2012	6/1/2015
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt			6/1/2012	1/1/2015
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE			6/1/2012	7/1/2014
	Line - Hitchland - Woodward 345 kv dbl ckt SPS			6/1/2012	7/1/2014
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC			6/1/2012	1/1/2015
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE			6/1/2012	1/1/2015
	Line - Medicine Lodge - Woodward 345 kv dbl ckt MKEC			6/1/2012	1/1/2015
	Line - Medicine Lodge - Woodward 345 kv dbl ckt OKGE			6/1/2012	1/1/2015
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC			6/1/2012	1/1/2015
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC			6/1/2012	1/1/2015
	TUCCO - WOODWARD 345 KV CKT 1 OKGE			6/1/2012	6/1/2014
	TUCCO - WOODWARD 345 KV CKT 1 SPS			6/1/2012	6/1/2014
	XFR - Medicine Lodge 345/138 kv			6/1/2012	1/1/2015

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75108845	LOMA VISTA EAST - WINCHESTER JUNCTION NORTH 161KV CKT 1			6/1/2018	6/1/2018

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75108845	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
	ASHDOWN REC (MILLWOOD) - OKAY 138KV CKT 1			7/1/2012	7/1/2012
	ASHDOWN REC (MILLWOOD) - PATTERSON 138KV CKT 1			7/1/2012	7/1/2012
	BANN - RED SPRINGS REC 138KV CKT 1			7/1/2012	7/1/2012
	CHERRY6 230.00 - Harrington Station East Bus 230KV CKT 1			6/1/2015	6/1/2015
	DEARING 138KV Capacitor			6/1/2012	6/1/2012
	FLATRDG3 138.00 - MEDICINE LODGE 138KV CKT 1			12/1/2009	6/1/2013
	FT RANDAL - MADISONCO 230.00 230KV CKT 1			11/1/2014	11/1/2014
	HUGO POWER PLANT - VALLIANT 345 KV AEPW			7/1/2012	7/1/2012
	HUGO POWER PLANT - VALLIANT 345 KV WFEC			7/1/2012	7/1/2012
	HUGO POWER PLANT 345/138KV TRANSFORMER CKT 1			7/1/2012	7/1/2012
	KELLY - MADISONCO 230.00 230KV CKT 1			11/1/2014	11/1/2014
	LACYGNE - WEST GARDNER 345KV CKT 1			6/1/2006	6/1/2006
	MEDICINE LODGE - SAWYER 115KV CKT 1			12/1/2009	6/1/2013
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement			12/1/2009	6/1/2013
	NORTHWEST - TATONGA 345KV CKT 1			1/1/2010	1/1/2010
	OKAY - TURK 138KV CKT 1			7/1/2012	7/1/2012
	SUB 110 - ORONOGO JCT. - SUB 167 - RIVERTON 161KV CKT 1			6/1/2011	6/1/2011
	TATONGA - WOODWARD 345KV CKT 1			1/1/2010	1/1/2010
	WOODWARD - IODINE 138KV CKT 1			1/1/2010	1/1/2010
	WOODWARD - WOODWARD EHV 138KV CKT 1			1/1/2010	1/1/2010
	WOODWARD 345/138KV TRANSFORMER CKT 1			1/1/2010	1/1/2010

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

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

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75108845	SELDON - BARNETT 161KV CKT 1 AECI	10/1/2012	6/1/2015		No	\$ 24,675	\$ 100,000
	SELDON - BARNETT 161KV CKT 1 AMRN	10/1/2012	10/1/2012			28.98%	100.00%
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	6/1/2016		No	\$ 498,541	\$ 16,100,000
	CLINTON - MONTROSE 161KV CKT 1 AECI	6/1/2014	6/1/2015			\$ 17,303	\$ 180,000
	NORTH WARSAW - TRUMAN 161KV CKT 1 SWPA	6/1/2018	6/1/2018			\$ 17,696	\$ 70,000
	Per Entergy Affected System Impact Study ICTT-ASA-2011-011	N/A	N/A			\$ 20,280	\$ 20,280
					Total	\$ 578,495	\$ 16,470,280

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

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

Customer Study Number
TNSK AG1-2011-030

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
TNSK	75108838	KCPL	ERCOTE	6	8/1/2011	6/1/2014	6/1/2014	6/1/2014	\$ -	\$ -	\$ -	\$ -
										\$ -	\$ -	

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75108838	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
75108838	IATAN - NASHUA 345KV CKT 1			10/1/2012	6/1/2015
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt			6/1/2012	1/1/2015
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE			6/1/2012	7/1/2014
	Line - Hitchland - Woodward 345 kv dbl ckt SPS			6/1/2012	7/1/2014
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC			6/1/2012	1/1/2015
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE			6/1/2012	1/1/2015
	Line - Medicine Lodge - Woodward 345 kv dbl ckt MKEC			6/1/2012	1/1/2015
	Line - Medicine Lodge - Woodward 345 kv dbl ckt OKGE			6/1/2012	1/1/2015
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC			6/1/2012	1/1/2015
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC			6/1/2012	1/1/2015
	TUCCO - WOODWARD 345 KV CKT 1 OKGE			6/1/2012	6/1/2014
	TUCCO - WOODWARD 345 KV CKT 1 SPS			6/1/2012	6/1/2014
	XFR - Medicine Lodge 345/138 kv			6/1/2012	1/1/2015

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75108838	LOMA VISTA EAST - WINCHESTER JUNCTION NORTH 161KV CKT 1			6/1/2018	6/1/2018

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75108838	HUGO POWER PLANT - VALLIANT 345 KV AEPW			7/1/2012	7/1/2012
	HUGO POWER PLANT - VALLIANT 345 KV WFEC			7/1/2012	7/1/2012
	HUGO POWER PLANT 345/138KV TRANSFORMER CKT 1			7/1/2012	7/1/2012
	LACYGNE - WEST GARDNER 345KV CKT 1			6/1/2006	6/1/2006
	MCNAB REC - TURK 115KV CKT 1			7/1/2012	7/1/2012
	NORTHWEST - TATONGA 345KV CKT 1			1/1/2010	1/1/2010
	TATONGA - WOODWARD 345KV CKT 1			1/1/2010	1/1/2010

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

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	*Total E & C Cost
75108838	SELDON - BARNETT 161KV CKT 1 AECI			10/1/2012	6/1/2015	\$ -	\$ 100,000
	SELDON - BARNETT 161KV CKT 1 AMRN			10/1/2012	10/1/2012		3.21%
	7OVERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1			10/1/2012	6/1/2016	\$ -	\$ 16,100,000
	CLINTON - MONTROSE 161KV CKT 1 AECI			6/1/2014	6/1/2015	\$ -	\$ 180,000
	NORTH WARSAW - TRUMAN 161KV CKT 1 SWPA			6/1/2018	6/1/2018	\$ -	\$ 70,000
Total						\$ 67,226	\$ 16,450,001

*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.

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

Customer Study Number
TNSK AG1-2011-031

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
TNSK	75113025	KCPL	ERCOTN	12	8/1/2011	1/1/2017	6/1/2016	1/1/2017	\$ -	\$ 1,225,091	\$ 303,947	\$ 582,755
									\$ -	\$ 1,225,091	\$ 303,947	\$ 582,755

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75113025	BIRMINGHAM - HAWTHORN 161KV CKT 1	6/1/2014	6/1/2015			\$ 153,949	\$ 5,000,000	\$ 254,343
	BIRMINGHAM - LIBERTY SOUTH 161KV CKT 1 KACP	6/1/2014	6/1/2015			\$ 117,245	\$ 3,807,900	\$ 262,383
	BIRMINGHAM - LIBERTY SOUTH 161KV CKT 1 MIPU	6/1/2014	6/1/2015			\$ 21,310	\$ 692,100	\$ 39,418
	Device - Timber Jct 138 kV Capacitor #2	6/1/2014	6/1/2014			\$ 11,443	\$ 1,022,400	\$ 26,611
Total						\$ 303,947	\$ 10,522,400	\$ 582,755

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
75113025	IATAN - NASHUA 345KV CKT 1	10/1/2012	6/1/2015		
	Line - Comanche County - Medicine Lodge 345 kV dbl ckt	6/1/2012	1/1/2015		
	Line - Hitchland - Woodward 345 kV dbl ckt OKGE	6/1/2012	7/1/2014		
	Line - Hitchland - Woodward 345 kV dbl ckt SPS	6/1/2012	7/1/2014		
	Line - Medicine Lodge - Wichita 345 kV dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Wichita 345 kV dbl ckt WERE	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kV dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kV dbl ckt OKGE	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kV dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kV dbl ckt SUNC	6/1/2012	1/1/2015		
	TUCCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		
	TUCCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		
	XFR - Medicine Lodge 345/138 kV	6/1/2012	1/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75113025	LOMA VISTA EAST - WINCHESTER JUNCTION NORTH 161KV CKT 1	6/1/2018	6/1/2018		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75113025	GRACMNT4 138.00 - WASHITA 138KV CKT 2 OKGE	6/1/2012	6/1/2012		
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 WFEC	6/1/2012	6/1/2012		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75113025	CHERRY6 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 345 KV WFEC	7/1/2012	7/1/2012		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	MCNAB REC - TURK 115KV CKT 1	7/1/2012	7/1/2012		
	SUB 110 - ORONOJO JCT. - SUB 167 - RIVERTON 161KV CKT 1	6/1/2011	6/1/2011		

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

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	*Allocated E & C Cost	**Total E & C Cost
75113025	70VERTON 345.00 (I) 345/161/13.8KV TRANSFORMER CKT 1	10/1/2012	6/1/2016		No	\$ 120,844	\$ 16,100,000
	CLINTON - MONTROSE 161KV CKT 1 AECI	6/1/2014	6/1/2015			\$ 4,492	\$ 180,000
	NORTH WARSAW - TRUMAN 161KV CKT 1 SWPA	6/1/2018	6/1/2018			\$ 4,014	\$ 70,000
	SHEELDSHEHSE	10/1/2013	10/1/2013			100.00%	100.00%
Total						\$ 129,350	\$ 16,350,000

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

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

Customer Study Number
WFEC AG1-2011-097

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
WFEC	75179329	CSWS	WFEC	150	1/1/2012	1/1/2037	1/1/2015	1/1/2040	\$ -	\$ -	\$ 26,250,000	\$ 82,805,744
										\$ -	\$ 26,250,000	\$ 82,805,744

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75179329	HOBART - HOBART JUNCTION 69KV CKT 1 #1	6/1/2018	6/1/2018			\$ 250,000	\$ 250,000	\$ 788,626
	HOBART - HOBART JUNCTION 69KV CKT 1 #2	6/1/2018	6/1/2018			\$ 2,000,000	\$ 2,000,000	\$ 6,309,009
	HOBART - ROOSEVELT TAP 69KV CKT 1	6/1/2018	6/1/2018			\$ 10,000,000	\$ 10,000,000	\$ 31,545,045
	ROOSEVELT TAP - SNYDER 69KV CKT 1	6/1/2018	6/1/2018			\$ 14,000,000	\$ 14,000,000	\$ 44,163,063
Total						\$ 26,250,000	\$ 26,250,000	\$ 82,805,744

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
75179329	HAMMETT2 - MEEKER 138KV CKT 1	6/1/2012	12/1/2012		
	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	6/1/2012	1/1/2015		
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	6/1/2012	7/1/2014		
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	6/1/2012	7/1/2014		
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kv dbl ckt OKGE	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	6/1/2012	1/1/2015		
	TUCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		
	TUCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		
	XFR - Medicine Lodge 345/138 kv	6/1/2012	1/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75179329	GRACMNT4 138.00 - WASHITA 138KV CKT 2 OKGE	6/1/2012	6/1/2012		
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 WFEC	6/1/2012	6/1/2012		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75179329	CHERRY6 230.00 - Harrington Station East Bus 230KV CKT 1	6/1/2015	6/1/2015		
	APACHE CO SUB - PARADISE 138KV CKT 1	6/1/2010	6/1/2013		
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 OKGE	1/1/2012	1/1/2012		
	GRACMNT4 138.00 - WASHITA 138KV CKT 2 WFEC	1/1/2012	1/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	7/1/2012	7/1/2012		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	7/1/2012	7/1/2012		
	HUGO POWER PLANT 345/138KV TRANSFORMER 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		

*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
WRGS AG1-2011-002

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
WRGS	74977737	OKGE	WR	300	1/1/2016	6/1/2027			\$ 1,090,827	\$ -	\$ 1,090,827	\$ 3,732,334
									\$ 1,090,827	\$ -	\$ 1,090,827	\$ 3,732,334

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
74977737	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC	10/1/2012	6/1/2015			\$ 157,593	\$ 3,150,000	\$ 568,629
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE	10/1/2012	6/1/2015			\$ 300,602	\$ 6,008,500	\$ 878,371
	HARPER - MILAN TAP 138KV CKT 1 #1	10/1/2012	6/1/2014			\$ 11,257	\$ 225,000	\$ 43,279
	HARPER - MILAN TAP 138KV CKT 1 #2	10/1/2012	6/1/2015			\$ 621,375	\$ 12,420,200	\$ 2,242,054
	Total					\$ 1,090,827	\$ 21,803,700	\$ 3,732,334

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
74977737	Line - Comanche County - Medicine Lodge 345 kV dbl ckt	6/1/2012	1/1/2015		
	Line - Hitchland - Woodward 345 kV dbl ckt OKGE	6/1/2012	7/1/2014		
	Line - Hitchland - Woodward 345 kV dbl ckt SPS	6/1/2012	7/1/2014		
	Line - Medicine Lodge - Wichita 345 kV dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Wichita 345 kV dbl ckt WERE	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kV dbl Ckt MKEC	6/1/2012	1/1/2015		
	Line - Medicine Lodge - Woodward 345 kV dbl Ckt OKGE	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kV dbl ckt MKEC	6/1/2012	1/1/2015		
	Line - Spearville - Comanche County 345 kV dbl ckt SUNC	6/1/2012	1/1/2015		
	TUCCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		
	TUCCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		
	XFR - Medicine Lodge 345/138 kV	6/1/2012	1/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
74977737	AUBURN ROAD (AUBRN77X) 230/115/113.8KV TRANSFORMER CKT 1	6/1/2014	6/1/2014		
	Device - Northwest Manhattan Cap 115 kV	6/1/2015	6/1/2015		
	UNIONRG3 115.00 - CHAPMAN 115KV CKT 1	6/1/2015	6/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
74977737	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		

*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
WRGS AG1-2011-003

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
WRGS	75021167	WR	WR	201	10/1/2012	1/1/2032	6/1/2018	9/1/2037	\$ 26,981,532	\$ -	\$ 27,755,071	\$ 69,294,232
									\$ 26,981,532	\$ -	\$ 27,755,071	\$ 69,294,232

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
75021167	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC	10/1/2012	6/1/2015			\$ 308,530	\$ 154,265	\$ 462,795	\$ 3,150,000	\$ 1,634,441
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE	10/1/2012	6/1/2015			\$ 882,763	\$ -	\$ 882,763	\$ 6,008,500	\$ 2,576,459
	GRAND ISLAND - SWEETWATER 345KV CKT 2	10/1/2012	6/1/2018		Yes	\$ 3,470,930	\$ -	\$ 3,470,930	\$ 96,288,750	\$ 7,835,204
	HARPER - MILAN TAP 138KV CKT 1 #1	10/1/2012	6/1/2014			\$ 22,038	\$ 11,019	\$ 33,057	\$ 225,000	\$ 124,391
	HARPER - MILAN TAP 138KV CKT 1 #2	10/1/2012	6/1/2015			\$ 1,216,509	\$ 608,255	\$ 1,824,764	\$ 12,420,200	\$ 6,444,472
	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	6/1/2014	6/1/2017			\$ 8,882,862	\$ -	\$ 8,882,862	\$ 67,140,000	\$ 22,055,917
	MOUNDRIDGE (MOUND10X) 138/115/13.8KV TRANSFORMER CKT 1	6/1/2018	6/1/2018			\$ 12,197,900	\$ -	\$ 12,197,900	\$ 12,197,900	\$ 28,623,349
					Total	\$ 26,981,532	\$ 773,539	\$ 27,755,071	\$ 197,430,350	\$ 69,294,232

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
75021167	Line - Comanche County - Medicine Lodge 345 kv dbl ckt	6/1/2012	1/1/2015		Yes
	Line - Hitchland - Woodward 345 kv dbl ckt OKGE	6/1/2012	7/1/2014		Yes
	Line - Hitchland - Woodward 345 kv dbl ckt SPS	6/1/2012	7/1/2014		Yes
	Line - Medicine Lodge - Wichita 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Wichita 345 kv dbl ckt WERE	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Woodward 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Medicine Lodge - Woodward 345 kv dbl ckt OKGE	6/1/2012	1/1/2015		Yes
	Line - Spearville - Comanche County 345 kv dbl ckt MKEC	6/1/2012	1/1/2015		Yes
	Line - Spearville - Comanche County 345 kv dbl ckt SUNC	6/1/2012	1/1/2015		Yes
	TUCCO - WOODWARD 345 KV CKT 1 OKGE	6/1/2012	6/1/2014		Yes
	TUCCO - WOODWARD 345 KV CKT 1 SPS	6/1/2012	6/1/2014		Yes
	XFR - Medicine Lodge 345/138 kv	6/1/2012	1/1/2015		Yes

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75021167	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	6/1/2014	6/1/2014		
	Device - Northwest Manhattan Cap 115 kv	6/1/2015	6/1/2015		
	UNIONRG3 115.00 - CHAPMAN 115KV CKT 1	6/1/2015	6/1/2015		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available
75021167	CIRCLE - RICE_CO 230KV CKT 1	10/1/2012	11/15/2012		No
	LYONS - RICE_CO 115KV CKT 1	10/1/2012	4/1/2013		No
	LYONS - WHEATLAND 115KV CKT 1 #1	10/1/2012	7/15/2013		No
	LYONS - WHEATLAND 115KV CKT 1 #2	10/1/2012	7/15/2013		No
	RICE_CO 230/115KV TRANSFORMER CKT 1	10/1/2012	11/15/2012		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
75021167	CIRCLE - RICE_CO 230KV CKT 1	10/1/2012	11/15/2012		
	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		
	LYONS - RICE_CO 115KV CKT 1	10/1/2012	4/1/2013		
	LYONS - WHEATLAND 115KV CKT 1 #1	10/1/2012	7/15/2013		
	LYONS - WHEATLAND 115KV CKT 1 #2	10/1/2012	7/15/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	12/1/2009	6/1/2013		
	RICE_CO 230/115KV TRANSFORMER CKT 1	10/1/2012	11/15/2012		

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

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

Customer Study Number
WRGS AG1-2011-068

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
WRGS	75020339	WR	WR	2	1/1/2012	1/1/2014	6/1/2012	6/1/2014	\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
75020339	None					\$ -	\$ -	\$ -
Total						\$ -	\$ -	\$ -

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
75020339	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		

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

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 wavetrap & reset CTS.	6/1/2018	6/1/2018	\$ 1,600,000
AEPW	BEAVER - EUREKA SPRINGS 161KV CKT 1 AEPW	Rebuild 1.25 miles of 795 ACSR with 1590 ACSR. Replace wavetrap & jumpers @ Eureka Springs	6/1/2018	6/1/2018	\$ 1,450,000
AEPW	EUREKA SPRINGS - OSAGE 161KV CKT 1 AEPW	Rebuild 5.34 miles of 6.55 mile line from 666 ACSR with 1590 ACSR.	6/1/2018	6/1/2018	\$ 6,194,400
AEPW	HOBART - HOBART JUNCTION 69KV CKT 1 #1	Replace jumpers and switches	6/1/2018	6/1/2018	\$ 250,000
AEPW	HOBART - HOBART JUNCTION 69KV CKT 1 #2	Rebuild 1.9 miles with 1272 ACSR.	6/1/2018	6/1/2018	\$ 2,000,000
AEPW	HOBART - ROOSEVELT TAP 69KV CKT 1	Rebuild 10 miles with 795 ACSR	6/1/2018	6/1/2018	\$ 10,000,000
AEPW	ROOSEVELT TAP - SNYDER 69KV CKT 1	Rebuild 14 miles with 795 ACSR	6/1/2018	6/1/2018	\$ 14,000,000
KACP	BIRMINGHAM - HAWTHORN 161KV CKT 1	Reconductor line with 1192 ACSS & upgrade terminal equipment for 1200 amps	6/1/2014	6/1/2015	\$ 5,000,000
KACP	BIRMINGHAM - LIBERTY SOUTH 161KV CKT 1 KACP	Reconductor 3.41 miles of 4.03 mile line with 1192 ACSS & upgrade terminal equipment for 1200 amps	6/1/2014	6/1/2015	\$ 3,807,900
MIDW	HAYS PLANT - SOUTH HAYS 115KV CKT 1 #2	Rebuild 3.25 miles	6/1/2012	6/1/2015	\$ 2,500,000
MIPU	BIRMINGHAM - LIBERTY SOUTH 161KV CKT 1 MIPU	Reconductor 0.62 miles of 4.03 mile line with 1192 ACSS & upgrade terminal equipment for 1200 amps	6/1/2014	6/1/2015	\$ 692,100
MIPU	MIDWAY - ST JOE 161KV CKT 1	Reconductor 19.65 miles of line to 795ACSR	6/1/2014	6/1/2015	\$ 18,254,250
MKEC	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC	Rebuild MKEC portion of the Clearwater-Milan tap 115 kv	10/1/2012	6/1/2015	\$ 3,150,000
MKEC	HARPER - MILAN TAP 138KV CKT 1 #1	Replace Wave Trap at Harper Substation	10/1/2012	6/1/2014	\$ 225,000
MKEC	HARPER - MILAN TAP 138KV CKT 1 #2	Rebuild 22.1 miles	10/1/2012	6/1/2015	\$ 12,420,200
NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 2	Build 63.4 mile second circuit	10/1/2012	6/1/2018	\$ 96,288,750
NPPD	VICTORY HILL (VICTORYHILL T1) 230/115/13.8KV TRANSFORMER CKT 1 Accelerate	Replace 137MVA Victory Hill transformer with 336MVA Victory Hill transformer	10/1/2012	6/1/2016	\$ 205,572
OKGE	5 TRIBES - HANCOCK 161KV CKT 1 #2	Reconductor 2.75 miles of transmission line to 1590A5S2	6/1/2013	6/1/2015	\$ 4,000,000
OKGE	5 TRIBES - PECAN CREEK 161KV CKT 1 Accelerate	Reconductor 4.07 miles of line to 1590A5S2 and replace 2-wave traps, 1-161KV breaker, 3-switches @ Five Tribes & 5-switches, relaying @ Pecan Creek.	6/1/2013	6/1/2015	\$ 662,326
WERE	CLEARWATER - MILAN TAP 138KV CKT 1 WERE	Rebuild WERE portion of the Clearwater-Milan tap 115 kv	10/1/2012	6/1/2015	\$ 6,008,500
WERE	Device - Timber Jct 138 kv Capacitor #2	Add 138 kv 14.4 Mvar Cap bank at Timber Jct 138kv	6/1/2014	6/1/2014	\$ 1,022,400
WERE	GREENLEAF - KNOB HILL 115KV CKT 1 WERE Accelerate	Replace Terminal Equipment	12/1/2012	6/1/2013	\$ 23,859
WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild 23.4 miles	6/1/2014	6/1/2017	\$ 67,140,000
WERE	MOUNDRIIDGE (MOUNDIOX) 138/115/13.8KV TRANSFORMER CKT 1	Install New (2nd) 138/115 kv XFR at Moundridge	6/1/2018	6/1/2018	\$ 12,197,900
WERE	WOLF CREEK 345/69KV TRANSFORMER CKT 1	Install New (2nd) 345/69 kv XFR at Wolfcreek	10/1/2014	6/1/2015	\$ 12,197,900

Direct Assignment Facilities - The requested service is contingent upon completion of the following upgrades.

Transmission Owner	Upgrade	Solution	Earliest Date Upgrade Required (DUN)	Estimated Date of Upgrade Completion (EOC)	Estimated Engineering & Construction Cost
MIDW	PAWNEE - LARNED 115 KV CKT 1	Build 1.5 mile 115 kv line from Pawnee to the City of Larned.	6/1/2010	6/1/2013	\$ 706,833

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)
MIDW	CIRCLE - RICE_CO 230KV CKT 1	Convert from 115kv to 230kv operation	10/1/2012	11/15/2012
MIDW	LYONS - RICE_CO 115KV CKT 1	Rebuild 11.7 mile line	10/1/2012	4/1/2013
MIDW	RICE_CO 230/115KV TRANSFORMER CKT 1	Add 230/115kv Transformer	10/1/2012	11/15/2012
MKEC	FLATROG3 138.00 - HARPER 138KV CKT 1	Rebuild 24.15 mile line	6/1/2012	1/1/2014
MKEC	GREENLEAF - KNOB HILL 115KV CKT 1 MKEC	Rebuild 43.5% Ownership of 20.9 miles	12/1/2012	1/1/2013
MKEC	MEDICINE LODGE - PRATT 115KV CKT 1	Rebuild 26 mile line	6/1/2012	6/1/2013
NPPD	FT RANDAL - MADISONCO 230.00 230KV CKT 1	Raise structures and line clearances as necessary to re-rate the transmission line to 320MVA	1/1/2014	11/1/2014
NPPD	KELLY - MADISONCO 230.00 230KV CKT 1	Raise structures and line clearances as necessary to re-rate the transmission line to 320MVA	10/1/2013	11/1/2014
OKGE	GRACMNT4 138.00 - WASHITA 138KV CKT 2 OKGE	Build 138kv Terminal.	6/1/2012	6/1/2012
OKGE	NORTHWEST 345/138/13.8KV TRANSFORMER CKT 3 Accelerated	Install third 345/138 kv Bus Tie in Northwest Sub	6/1/2012	6/1/2015
WERE	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	Rebuild 7.2 miles with 954 kcmil ACSR (138kv/69kv Operation)	10/1/2012	7/1/2013
WERE	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	Rebuild 4.05 miles with 954 kcmil ACSR (138kv/69kv Operation)	10/1/2012	6/1/2013
WERE	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	Rebuild 9.22 miles with 954 kcmil ACSR (138kv/69kv Operation)	10/1/2012	12/1/2013
WERE	EL PASO - FARBER 138KV CKT 1	Tear down / Rebuild 3.1 miles with dual 477 ACSR	6/1/2014	6/1/2015
WERE	LYONS - WHEATLAND 115KV CKT 1 #1	Replace CTS	10/1/2012	7/15/2013
WERE	LYONS - WHEATLAND 115KV CKT 1 #2	Rerate circuit to 1000 amps	10/1/2012	7/15/2013
WFEC	CANTON - TALOGA 69KV CKT 1	UPGRADE CANTON TO TALOGA TO 336.4	6/1/2012	6/1/2013
WFEC	GRACMNT4 138.00 - WASHITA 138KV CKT 2 WFEC	Build approximately 12 miles of 138KV.	6/1/2012	6/1/2012

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

Transmission Owner	Upgrade	Solution	Earliest Date Upgrade Required (DUN)	Estimated Date of Upgrade Completion (EOC)
WERE	BELL - PECK 69KV CKT 1	Tear down / Rebuild 8.23 mile Bell-Peck 69 kv line with 1192 ACSR and replace CT	6/1/2013	6/1/2013
WERE	BELL - SUMNER COUNTY NO. 3 MILLER 69KV CKT 1	Tear down / Rebuild 7.3-miles with 954 ACSR	6/1/2013	6/1/2014
WERE	CITY OF WELLINGTON - SUMNER COUNTY NO. 3 MILLER 69KV CKT 1	Tear down / Rebuild 2.1-miles with 954 ACSR	6/1/2013	6/1/2014
WERE	CITY OF WELLINGTON - SUMNER COUNTY NO. 4 ROME 69KV CKT 1	Tear down / Rebuild 9.1-miles with 954 ACSR	6/1/2013	6/1/2014
WERE	CRESWELL - SUMNER COUNTY NO. 4 ROME 69KV CKT 1	Tear down / Rebuild 9.4-miles with 954 ACSR	6/1/2013	6/1/2014

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)
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.	10/1/2012	6/1/2013
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).	10/1/2012	10/1/2012
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	10/1/2012	10/1/2012
KACP	IATAN - NASHUA 345KV CKT 1	Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from Iatan to Nashua, Add Nashua 345/161 kV	10/1/2012	6/1/2015
MKEC	Line - Comanche County - Medicine Lodge 345 kV dbl ckt	Build a new 55 mile double circuit 345 kV line	6/1/2012	1/1/2015
MKEC	Line - Medicine Lodge - Wichita 345 kV dbl ckt MKEC	Build a new 35 mile double circuit 345 kV line with at least 3000 A capacity from the new Medicine Lodge 345 kV substation to the WR interception from the Wichita substation.	6/1/2012	1/1/2015
MKEC	Line - Medicine Lodge - Woodward 345 kV dbl Ckt MKEC	Build a new 28.6 mile dbl ckt 345 kV line with at least 3000 A capacity from the Medicine Lodge sub to the KS/OK state border towards the Woodward District EHV sub. Install the necessary breakers and terminal equipment at the Medicine Lodge sub.	6/1/2012	1/1/2015
MKEC	Line - Spearville - Comanche County 345 kV dbl ckt MKEC	Build a new 27.5 mile double circuit 345 kV line	6/1/2012	1/1/2015
MKEC	XFR - Medicine Lodge 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Medicine Lodge substation.	6/1/2012	1/1/2015
NPPD	CANADAY - LEXINGTON 115KV CKT 1	Increase clearances to 100 Deg C and upgrade terminal equipment (PCB, DISC, WVTTRP, CT, BUS) to effect higher rating.	10/1/2012	6/1/2013
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.	10/1/2012	6/1/2013
OKGE	Line - Hitchland - Woodward 345 kV dbl ckt OKGE	Build a new 60.5 mile double circuit 345 kV line	6/1/2012	7/1/2014
OKGE	Line - Medicine Lodge - Woodward 345 kV dbl Ckt OKGE	Build a new 79 mile dbl ckt 345 kV line with at least 3000 A capacity from the Woodward District EHV sub to the KS/OK state border towards the Medicine Lodge sub. Upgrade the Woodward District EHV sub with the necessary breakers and terminal equipment.	6/1/2012	1/1/2015
SPS	Line - Hitchland - Woodward 345 kV dbl ckt SPS	Build a new 60.5 mile double circuit 345 kV line	6/1/2012	7/1/2014
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 19 mile Lampton Interchange - Hart Industrial Substation 115 kV line. New 15 mile Swisher County Interchange - Newhart	6/1/2012	6/1/2015
SPS	TUCO - WOODWARD 345 kV CKT 1 OKGE	Build new 345 kV line from Woodward EHV to Tucco	6/1/2012	6/1/2014
SPS	TUCO - WOODWARD 345 kV CKT 1 SPS	Build new 345 kV line from Woodward EHV to Tucco	6/1/2012	6/1/2014
SLUNC	Line - Spearville - Comanche County 345 kV dbl ckt SLUNC	Build a new 27.5 mile double circuit 345 kV line with at least 3000 A capacity from the Spearville substation to the MKEC interception point from the new Comanche County substation.	6/1/2012	1/1/2015
WERE	Line - Medicine Lodge - Wichita 345 kV dbl ckt WERE	Build a new 35 mile double circuit 345 kV line	6/1/2012	1/1/2015
WERE	ROSE HILL 345/138/13.8KV TRANSFORMER CKT 3	Install 3rd Rose Hill 345/138 kV TRANSFORMER.	6/1/2012	6/1/2013
WFEC	HAMMETT2 - MEEKER 138KV CKT 1	Build new 10 mile Meeker - Hammett 138 kV and install terminal equipment.	6/1/2012	12/1/2012

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	BLUEBELL - PRATTVILLE 138KV CKT 1 AEPW	Rebuild 9.0 mile Prattville-Bluebell 138 kV line from 795 ACSR to 1590 ACSR. New summer ratings 287/287 limited by breaker, switches, CTs, wave trap.	6/1/2018	6/1/2018
AEPW	DIANA - PERDUE 138KV CKT 1 #1	Replace Breakers 9310 & 10080 & five switches @ Perdue. Replace switch 12798 @ Diana	1/1/2015	1/1/2015
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.	1/1/2015	6/1/2016
AEPW	ELK CITY (ELKCTY-4) 138/69/13.8KV TRANSFORMER CKT 1	Add distribution transformer to the 138 kV bus to move load # 1 on the 69 kV bus to the 138 kV bus	6/1/2018	6/1/2018
AEPW	MARSHALL (MARSH 1) 138/69/12.47KV TRANSFORMER CKT 1	Replace 1033 AAC Jumpers & 69 kV switch.	1/1/2015	1/1/2015
AEPW	MARSHALL (MARSH 2) 138/69/12.47KV TRANSFORMER CKT 2	Replace 1033 AAC Jumpers, 138 kV switch & 69 kV switch.	1/1/2015	1/1/2015
AEPW	Multi - Flint Creek - Shipe 345 kV and Shipe - East Centerton 161 kV	Install 18 miles of new 345 kV, 2-954 ACSR line. And Install 345/161 kV transformer at Shipe Road. And Install 9 miles of 161 kV from new Shipe Road Substation to East Centerton Substation	6/1/2013	6/1/2014
AEPW	Multi - Shipe - Osage Creek 345 kV	Install 9 miles of 345 kV line from Shipe Road to East Rogers, Install 32 miles of 345 kV line from East Rogers to Osage Creek, and install new 345/161 kV transformer at Osage Creek	6/1/2013	6/1/2016
KACP	LOMA VISTA EAST - WINCHESTER JUNCTION NORTH 161KV CKT 1	Loma Vista East limit is 600/5 CT ratio; reset to 1200/5	6/1/2018	6/1/2018
LES	SHELDON - SW7TH & PLEASANT HILL 115KV CKT 2 LES	Rebuild 15 miles	6/1/2013	6/1/2013
MIPU	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1	Replace Prairie Lee 800 amp wavetrap with 1200 amp unit	6/1/2013	6/1/2014
MIPU	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #1	Replace 800 amp wavetrap with 1200 amp unit	6/1/2018	6/1/2018
MKEC	Line - Bushton - Ellsworth 115 kV	Rebuild Bushton to Ellsworth 115 kV	6/1/2012	6/1/2015
OKGE	5 TRIBES - HANCOCK 161KV CKT 1 #1	Replace 800A Wave Trap, increase Relay CTR to 1200-5A.	6/1/2013	6/1/2014
OPPD	SUB 906 NORTH - SUB 928 69KV CKT 1	Rebuild 2.00 miles of line, change CT tap settings, and replace line jumpers. Rating after rebuild and other modifications will be 110 MVA.	6/1/2021	6/1/2021
OPPD	SUB 907 - SUB 919 69KV CKT 1	Increase clearance. At least 77 MVA rating	6/1/2018	6/1/2018
OPPD	SUB 921 - SUB 942 69KV CKT 1	Increase line clearances to allow the use of a higher conductor rating and change CT tap settings.	6/1/2018	6/1/2018
SPS	ARTESIA INTERCHANGE (GE C254477) 115/69/13.2KV TRANSFORMER CKT 1	Replace Transformer	6/1/2018	6/1/2018
SPS	ARTESIA INTERCHANGE (MNLV 2118072) 115/69/13.2KV TRANSFORMER CKT 2	Replace Transformer	6/1/2018	6/1/2018
SPS	BAILEY COUNTY INTERCHANGE - CURRY COUNTY INTERCHANGE 115KV CKT 1	40 miles 115 kV between Bailey and Curry.	6/1/2012	6/1/2015
SPS	CHAVES COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 2	Replace existing 149/171 MVA Chaves 230/115 kV transformer with 250 MVA transformer.	6/1/2020	6/1/2020
SPS	Device - Drinkard 14.4 MVAR Capacitor	Install 14.4 Mvar capacitor at Drinkard 115 kV	6/1/2022	6/1/2022
SPS	EDDY COUNTY INTERCHANGE (J) 230/115/13.2KV TRANSFORMER CKT 2	Add 2nd transformer Eddy Co 230-115 kV CKT 2	10/1/2013	6/1/2015
SPS	HITCHLAND INTERCHANGE (I) 230/115/13.2KV TRANSFORMER CKT 2	Add 2nd transformer	6/1/2011	6/1/2021
WERE	AUBURN ROAD (AUBRN7X) 230/115/13.8KV TRANSFORMER CKT 1	Replace 308MVA transformer with 400MVA transformer	6/1/2014	6/1/2014
WERE	Device - Northwest Manhattan Cap 115 kV	Install 1 stage of 14.4 MVAR	6/1/2015	6/1/2015
WERE	FORT JUNCTION SWITCHING STATION - WEST JUNCTION CITY JUNCTION (EAST) 115KV CKT 1	Rebuild 1.7 mile Fort Junction - West Junction City 115 kV line with 1192.5 ACSR. Remove old double circuit and West Junction City Junction (East) - West Junction City 115 kV line.	6/1/2015	6/1/2015
WERE	UNIONRG3 115.00 - CHAPMAN 115KV CKT 1	Build 24 mile 115 kV line	6/1/2015	6/1/2015

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	ALUMAX TAP - BANN 138KV CKT 1	Replace six (6) 138 kV switches, five at Bann & one at Alumax Tap. Rebuild 0.67 miles of 1024 ACAR with 2156 ACSR. Replace wavetrap & jumpers @ Bann. Replace breaker 3300 @ Bann.	6/1/2008	6/1/2008
AEPW	ASHDOWN REC (MILLWOOD) - OKAY 138KV CKT 1	Reconductor and convert line to 138 kV and replace switches at Ashdown REC	7/1/2012	7/1/2012
AEPW	ASHDOWN REC (MILLWOOD) - PATTERSON 138KV CKT 1	Reconductor Line & Convert Line to 138 kV and convert Patterson station to breaker-and-a-half configuration	7/1/2012	7/1/2012
AEPW	BANN - RED SPRINGS REC 138KV CKT 1	Replace 138 kV breakers 3300 & 3310	7/1/2012	7/1/2012
AEPW	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW	Reconductor 1.9 miles with ACCC. Replace wave trap jumpers at Riverside.	6/1/2009	6/1/2009
AEPW	HUGO POWER PLANT - VALLIANT 345 KV AEPW	Valliant 345 KV line terminal	7/1/2012	7/1/2012
AEPW	MCNAB REC - TURK 115KV CKT 1	Build a new two mile, 138 kV, 1590 ACSR line section (operated at 115 kV) from Turk Substation to the existing Okay- Hope 115 kV line to form a Turk Hope 115 kV line.	7/1/2012	7/1/2012
AEPW	OKAY - TURK 138KV CKT 1	Build two mile, 138 kV, 1590ACSR line section from Turk Sub to existing Okay-Hope 115 kV line and rebuild twelve miles of 115 kV line to Okay Sub to 138 kV, 1590 ACSR , to form a Turk-Okay 138 kV line	7/1/2012	7/1/2012
AEPW	SE TEXARKANA - TURK 138KV CKT 1	Build new Turk-SE Texarkana 138 kV line and add SE Texarkana 138 kV terminal.	7/1/2012	7/1/2012
AEPW	SUGAR HILL - TURK 138KV CKT 1	Build new Turk-Sugar Hill 138 kV line and add Sugar Hill 138 kV terminal.	7/1/2012	7/1/2012
EMDE	SLUB 110 - ORONOGO JCT. - SUB 167 - RIVERTON 161KV CKT 1	Reconductor Oronogo 59467 to Riverton 59469 with Bundled 556 ACSR	6/1/2011	6/1/2011
KACP	LACYGNE - WEST GARDNER 345KV CKT 1	KCPL Sponsored Project to Reconductor Line to be In-Service by 6/1/2006	6/1/2006	6/1/2006
MIDWP	CIRCLE - RICE_CO 230KV CKT 1	Convert from 115KV to 230KV operation	10/1/2012	6/1/2014
MKEC	ALEXANDER - PRATT 115KV CKT 1	Rebuild line	12/1/2009	6/1/2013
MKEC	ALEXANDER - SAWYER 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	Rebuild 43.5% Ownership of 20.9 miles	6/1/2013	6/1/2013
MKEC	MEDICINE LODGE - SAWYER 115KV CKT 1	Rebuild line	12/1/2009	6/1/2013
MKEC	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1 Displacement	Upgrade transformer	12/1/2009	6/1/2013
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	FT RANDAL - MADISONCO 230.00 230KV CKT 1	Raise structures and line clearances as necessary to re-rate the transmission line to 320MVA	11/1/2014	11/1/2014
NPPD	KELLY - MADISONCO 230.00 230KV CKT 1	Raise structures and line clearances as necessary to re-rate the transmission line to 320MVA	11/1/2014	11/1/2014
NPPD	NELIGH - PETERSBURG 115KV CKT 1	Replace Breaker 1106, jumpers, and 115 kV Switch 1106-02 at Neligh. 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	GRACMNT4 138.00 - WASHITA 138KV CKT 2 OKGE	Build 138KV Terminal.	1/1/2012	1/1/2012
OKGE	KNOBHILL (KNOBHIL4) 138/69/13.2KV TRANSFORMER CKT 1	Replace bus tie with 100MVA transformer	6/1/2006	6/1/2008
OKGE	NORTHWEST - TATONGA 345KV CKT 1	Build 345 kv line	1/1/2010	1/1/2010
OKGE	TATONGA - WOODWARD 345KV CKT 1	Build 345 kv line	1/1/2010	1/1/2010
OKGE	WOODWARD - IODINE 138KV CKT 1	Tap iodine to Woodward 138 kV line	1/1/2010	1/1/2010
OKGE	WOODWARD - WOODWARD 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	DEARING 138KV Capacitor	Dearing 138 kv 20 MVAR Capacitor Addition	6/1/2012	6/1/2012
WFEC	ALTUS SW - NAVAJO 69KV CKT 1	Upgrade Terminal Equipment at Altus SW, 300-600A, new rating conductor 53/65MVA	6/1/2013	6/1/2013
WFEC	CANTON - TALOGA 69KV CKT 1	UPGRADE CANTON TO TALOGA TO 336.4	6/1/2011	6/1/2013
WFEC	APACHE CO SUB - PARADISE 138KV CKT 1	Upgrade Paradise to APACHE CO SUB to 1113	6/1/2010	6/1/2013
WFEC	GRACMNT4 138.00 - WASHITA 138KV CKT 2 WFEC	Build approximately 12 miles of 138kv.	1/1/2012	1/1/2012
WFEC	HUGO POWER PLANT - VALLIANT 345 KV WFEC	New 19 miles 345 KV	7/1/2012	7/1/2012
WFEC	HUGO POWER PLANT 345/138KV TRANSFORMER CKT 1	New 345/138 kv Auto	7/1/2012	7/1/2012
WFEC	TALOGA (TALOGA) 138/69/13.8KV TRANSFORMER CKT 1	Auto XFMR 56 to 112MVA	10/1/2010	6/1/2013

Table 5 - Third Party Facility Constraints

Transmission Owner	UpgradeName	Solution	Earliest Date Upgrade Required (DUN)	Estimated Date of Upgrade Completion (EOC)	Estimated Engineering & Construction Cost
AECI	SELDON - BARNETT 161KV CKT 1 AECI	Replace 600A Switches at Barnett - Limiting Element in Line. Line Ampacity is 731.5 A.	10/1/2012	6/1/2015	\$ 100,000
AECI	7IASPER 345.00 - BLACKBERRY 345KV CKT 1	Reconductor with 1192.5 54/19 ACSR, 100C. 16 Miles.	6/1/2014	6/1/2016	\$ 8,000,000
AECI	CLINTON - MONTROSE 161KV CKT 1 AECI	Upgrade limiting terminal equipment at Clinton	6/1/2014	6/1/2015	\$ 180,000
AMMO	7OVERTON 345.00 (J) 345/161/13.8KV TRANSFORMER CKT 1	Add 1 new 345 bay(s) at Existing station. Add 1 new 161 bay(s) at Existing station. Add 1 new 345/161 autotransformer.	10/1/2012	6/1/2016	\$ 16,100,000
AMRN	SELDON - BARNETT 161KV CKT 1 AMRN	Indeterminate	10/1/2012	10/1/2012	Indeterminate
CELE	BARKERS 6 230.00 - BOGALUSA 230KV CKT 1 CELE	Indeterminate	10/1/2012	10/1/2012	Indeterminate
CELE	BARKERS 6 230.00 - RAMSAY 230KV CKT 1	Indeterminate	6/1/2014	6/1/2014	Indeterminate
CELE	CHAMPAGNE - PLAISANCE 138KV CKT 1 CELE	Indeterminate	6/1/2013	6/1/2013	Indeterminate
CELE	COCODRIE 230/138KV TRANSFORMER CKT 1	Indeterminate	6/1/2013	6/1/2013	Indeterminate
CELE	FAIRVIEW - MADISONVILLE 230KV CKT 1 CELE	Indeterminate	6/1/2018	6/1/2018	Indeterminate
CELE	TOLEDO BEND - VAN PLY TAP 138KV CKT 1 CELE	Indeterminate	10/1/2013	10/1/2013	Indeterminate
EES	Per Entergy Affected System Impact Study ICTT-ASA-2011-011	Third Party Networks Upgrade identified in Entergy Affected System Impact Study ICTT-ASA-2011-011	N/A	N/A	\$ 20,280
EES	Per Entergy Affected System Impact Study ICTT-ASA-2011-013	Third Party Networks Upgrade identified in Entergy Affected System Impact Study ICTT-ASA-2011-013	6/1/2015	6/1/2015	\$ 66,912,401
EES	ADAMS CREEK - BOGALUSA 230KV CKT 1	Indeterminate	10/1/2013	10/1/2013	Indeterminate
EES	ADAMS CREEK - BOGALUSA 230KV CKT 2	Indeterminate	10/1/2013	10/1/2013	Indeterminate
EES	DOBBIN - TUBULAR 138KV CKT 1	Indeterminate	10/1/2014	10/1/2014	Indeterminate
EES	GRIMES - MT. ZION 138KV CKT 1	Indeterminate	10/1/2013	10/1/2013	Indeterminate
EES	HUNTSVILLE - LINE 558 TAP 138KV CKT 1	Indeterminate	10/1/2014	10/1/2014	Indeterminate
EES	LEACH - TOLEDO BEND 138KV CKT 1	Indeterminate	10/1/2013	10/1/2013	Indeterminate
EES	LINE 558 TAP - MT. ZION 138KV CKT 1	Indeterminate	10/1/2013	10/1/2013	Indeterminate
EES	NAVYOTA - SOTA 138KV CKT 1	Indeterminate	6/1/2014	6/1/2014	Indeterminate
EES	SHEELDSHEHSE	Indeterminate	10/1/2013	10/1/2013	Indeterminate
SWPA	BEAVER - EUREKA SPRINGS 161KV CKT 1 SWPA	Reconductor 6 miles of 795 ACSR with 1590 ACSR. Replace Switch & Jumpers @ Eureka Springs.	6/1/2018	6/1/2018	\$ 4,130,000
SWPA	CLAY - SPRINGFIELD 161KV CKT 1 SWPA#1	Replace 600 amp disconnect switches at Springfield.	6/1/2013	6/1/2014	\$ 150,000
SWPA	NORTH WARSAW - TRUMAN 161KV CKT 1 SWPA	Replace wave trap and CTs at Truman.	6/1/2018	6/1/2018	\$ 70,000
WAPA	FT RANDAL - SPENCER 115KV CKT 1	Rebuild 20 miles	6/1/2018	6/1/2018	Indeterminate
WAPA	LELAND OLDS - LELAND OLDS1 TY 345KV CKT 1	Indeterminate	10/1/2012	10/1/2012	Indeterminate
WAPA	LELAND OLDS1 TY 345/230KV TRANSFORMER CKT 1	Indeterminate	10/1/2012	10/1/2012	Indeterminate

Exploratory Interconnection Project between AECI Cox Creek 345kV (Thayer, Mo) , AEPW Osage Creek 345 kV, EMDE Reeds Spring-Branson 161 kV, and SPRM Brookline 345kV

Transmission Owner	UpgradeName	Solution	Earliest Date Upgrade Required (DUN)	Estimated Date of Upgrade Completion (EOC)	Estimated Engineering & Construction Cost
MULTIPLE	Brookline -- Compton Ridge 345 kV	Build approx. 30 mile 345 kV line	6/1/2018	6/1/2018	Indeterminate
MULTIPLE	Compton Ridge -- Cox Creek 345 kV	Build approx. 120 mile 345 kV line and Operate Gobbler Knob-Cox Creek at 345 kV	6/1/2018	6/1/2018	Indeterminate
MULTIPLE	Compton Ridge -- Osage Creek 345 kV	Build approx. 50 mile 345 kV line	6/1/2018	6/1/2018	Indeterminate
MULTIPLE	COMPTON RIDGE - SUB 412 - BRANSON NORTHWEST 161KV CKT 1	Indeterminate	6/1/2018	6/1/2018	Indeterminate
MULTIPLE	Compton Ridge 345/161 kV Transformer	Install 500 MVA, 345/161 kV transformer and Cut EDE Reeds Spring-Branson line at 50% and route in & out of Compton Ridge	6/1/2018	6/1/2018	Indeterminate