



*Aggregate Facility Study
SPP-2009-AGP1-AFS-2
For Transmission Service
Requested by
Aggregate Transmission Customers*

SPP Engineering, SPP Tariff Studies

SPP AGGREGATE FACILITY STUDY (SPP-2009-AGP1-AFS-2)

September 11, 2009

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1. Executive Summary

Pursuant to Attachment Z1 of the Southwest Power Pool Open Access Transmission Tariff (OATT), 3210 MW of long-term transmission service requests have been restudied in this Aggregate Facility Study (AFS). The first phase of the AFS consisted of a revision of the impact study to reflect the withdrawal of requests for which an Aggregate Facility Study Agreement was not executed. 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. Facility upgrade costs are allocated on a prorated basis to all requests positively impacting any individual overloaded facility. Further, Attachment Z2 provides for facility upgrade cost recovery by stating that “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 total assigned facility upgrade Engineering and Construction (E &C) cost determined by the AFS is \$17 Million. Additionally an indeterminate amount of assigned E & C cost for 3rd party facility upgrades are assignable to the customer. The total upgrade levelized revenue requirement for all transmission requests is indeterminate. This is based on full allocation of levelized revenue requirements for upgrades to customers without consideration of base plan funding. AFS data table 3 reflects the allocation of upgrade costs to each request without potential base plan funding based on either the requested reservation period or the deferred

reservation period if applicable. Total upgrade levelized revenue requirements for all transmission requests after consideration of potential base plan funding is indeterminate.

Third-party facilities must be upgraded when it is determined they are constrained in order to accommodate the requested Transmission Service. These 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 engineering and construction cost estimates for required third-party facility upgrades are indeterminate.

The Transmission Provider will tender a Letter of Intent on September 11th, 2009. 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 (Customer) by September 26th, 2009, 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.

2. Introduction

On January 21, 2005, the Federal Energy Regulatory Commission accepted Southwest Power Pool's proposed aggregate transmission study procedures in Docket ER05-109 to become effective February 1, 2005. On August 8, 2008, Southwest Power Pool filed with the Federal Energy Regulatory Commission in Docket ER08-1379-000 to pair open seasons closing during the period January 1, 2008 through January 31, 2010, with an effective date of August 9, 2008. The 2008-AG3 open season commenced on June 1, 2008 and closed September 30th, 2008. The 2009-AG1 open season commenced on October 1, 2008 and closed January 31, 2009. Based on the preceding, all requests for long-term transmission service received prior to September 30th, 2008 for 2008 AG-3 and January 31st, 2009 for 2009 AG-1 with a signed study agreement have been included in the first paired Aggregate Transmission Service Study (ATSS) of 2009. This report SPP-2009-AGP1-AFS-2 signals the completion of the second stage of the AFS.

Approximately 3210 MW of long-term transmission service has been restudied in this Aggregate Facility Study (AFS) with over \$17 Million in transmission upgrades being proposed. The results of the AFS are detailed in Tables 1 through 7. A highly tangible benefit of studying transmission requests aggregately under the SPP OATT Attachment Z1 is the sharing of costs among customers using the same facility. The detailed results show individual upgrade costs by study as well as potential base plan allowances as determined by Attachments J and Z1. The following URL can be used to access the SPP OATT:

http://www.spp.org/Publications/SPP_Tariff.pdf). In order to understand the extent to which base plan upgrades may be applied to both point-to-point 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.” Therefore, not only network service, but also point-to-point 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.
3. If the Designated Resource is a wind generation plant, then the sum of (1) the requested capacity and (2) the transmission capacity reserved for the Transmission Customer’s existing Designated Resources that are wind generation plants shall not exceed 20% of the Transmission Customer’s projected system peak responsibility as determined pursuant to SPP Criteria 2 in the first year the Designated Resource is planned to be used by the Transmission Customer.

According to Attachment Z1 Section VI.A, Point-to-Point 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 as the Transmission Provider determined that upgrades are not required due to various reasons or the Transmission Owner has construction plans pending for these upgrades. These facilities are listed by reservation in Table 3. This table also includes constrained facilities in the current planning horizon that limit the rollover rights of the Transmission Customer. Table 6 lists possible redispatch pairs to allow start of service prior to completion of assigned network upgrades. Table

7 (if applicable) lists deferment of expansion plan projects with different upgrades with the new required in service date as a result of this AFS.

A. Financial Analysis

The AFS utilizes the allocated customer 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 expedited, with no additional upgrades, to accommodate a new request for Transmission Service, then 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 expedited.

Achievable Base Plan Avoided Revenue Requirements 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.B methodology. A deferred Base Plan upgrade being 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 being defined as the same network upgrade being displaced by a requested upgrade needed at an earlier date. Assumption of a 40 year service life is utilized for Base Plan funded projects unless provided otherwise 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.

B. 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 engineering and construction cost estimates for required third-party facility upgrades are indeterminate. 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 engineering and construction 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 3rd Party Owner detailing the mitigation of the 3rd 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 3rd party facilities for load that sinks outside the SPP footprint with the applicable Transmission Providers.

3. Study Methodology

A. Description

The system impact 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 done to ensure current SPP Criteria and NERC Reliability Standards requirements are fulfilled. The Southwest Power Pool conforms to the NERC Reliability Standards, which provide the strictest requirements, related to voltage violations and thermal overloads during normal conditions and during a contingency. It requires that all facilities 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 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 69kV 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 AEICI, AMRN, and ENTR and a 2 % TDF cutoff was applied to MEC, NPPD, and OPPD. 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.

B. Model Development

SPP used seven seasonal models to study the aggregate transfers of 3210 MW over a variety of requested service periods. The SPP STEP 2009 Build 3 Cases 2010 Summer Peak (10SP), 2010/11 Winter Peak (11WP), 2011 Summer Peak (11SP), 2011/12 Winter Peak (11WP), 2014 Summer Peak (14SP), 2014/15 Winter Peak (14WP), and 2019 Summer Peak

(19SP) were used to study the impact of the requested service on the transmission system. The Spring Peak models apply to April and May, the Summer Peak models apply to June through September, the Fall Peak models apply to October and November, and the Winter Peak models apply to December through March.

The chosen base case models were modified to reflect the most current modeling information. Five groups of requests were developed from the aggregate of 3210 MW in order to minimize counter flows among requested service. Each request was included in at least two of the four groups depending on the requested path. All requests were included in group five. From the twelve seasonal models, five system scenarios were developed. Scenario 1 includes SWPP OASIS transmission requests not already included in the SPP 2009 Series Cases flowing in a West to East direction with ERCOTN HVDC Tie South to North, ERCOTE HVDC Tie East to West, SPS exporting, and SPS importing from the Lamar HVDC Tie. Scenario 2 includes transmission requests not already included in the SPP 2009 Series Cases flowing in an East to West direction with ERCOTN HVDC tie North to South, ERCOTE HVDC tie East to West, SPS importing, and SPS exporting to the Lamar HVDC Tie. Scenario 3 includes transmission requests not already included in the SPP 2009 Series Cases flowing in a South to North direction with ERCOTN HVDC tie South to North, ERCOTE HVDC tie East to West, SPS exporting, and SPS exporting to the Lamar HVDC Tie. Scenario 4 includes transmission requests not already included in the SPP 2009 Series Cases flowing in a North to South direction with ERCOTN HVDC tie North to South, ERCOTE HVDC tie East to West, SPS importing, and SPS importing from the Lamar HVDC tie. Scenario 5 include all transmission not already included in the SPP 2009 Series Cases with ERCOTN North to South, ERCOTE East to West, SPS importing and SPS exporting to the Lamar HVDC tie. The system scenarios were developed to minimize counter flows from previously confirmed, higher priority requests not included in the MDWG Base Case.

C. Transmission Request Modeling

Network Integration Transmission Service requests are modeled as Generation to Load transfers in addition to Generation to Generation transfers. The Generation to Load modeling is accomplished by developing a pre-transfer case by redispatching the existing designated network resource(s) down by the new designated network resource request amount and scaling down the applicable network load by the same amount proportionally. The post-transfer case for comparison is developed by scaling the network load back to the forecasted amount and dispatching the new designated network resource being requested. 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. If the Network Integration Transmission Service request application clearly documents that the existing designated network resource(s) is being replaced or undesignated by the new designated network resource then MW impact credits will be given to the request as is done for a redirect of existing transmission service. 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.

D. 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.

E. Curtailment and Redispatch Evaluation

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

SPP determined potential relief pairs to relieve the incremental MW impact on limiting facilities as identified in Table 6. Using the selected cases where the limiting facilities were identified, potential incremental and decremental units were identified by determining the generation amount available for increasing and decreasing from the units generation amount, maximum generation amount, and minimum generation amount. If the incremental or decremental amount was greater than 1 MW, the unit was considered as a potential incremental or decremental unit. Generation shift factors were calculated for the potential incremental and decremental units using Managing and Utilizing System Transmission (MUST). Relief pairs from the generation shift factors for the incremental and decremental units with a greater than 3% TDF on the limiting constraint were determined from the incremental units with the lowest generation shift factors and decremental units with highest generation shift factors. If the aggregate redispatch amount for the potential relief pair was determined to be three times greater than the lower of the

increment or decrement then the pair was determined not to be feasible and is not included. If transmission customer would like to see additional relief pairs beyond the relief pairs determined, the transmission customer can request SPP to provide the additional pairs. The potential relief pairs **were not** evaluated to determine impacts on limiting facilities in the SPP and 1st-Tier systems. The redispatch requirements would be called upon prior to implementing NERC TLR Level 5a.

4. Study Results

A. Study Analysis Results

Tables 1 through 6 contain the steady-state analysis results of the AFS. 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), 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, direct assignment component of upgrades for wind generation requests per Attachment J, allocated revenue requirements for upgrades, upgrades not assigned to customer but required for service to be confirmed, credits to be paid for previously assigned AFS or GI network upgrades, and any third party upgrades required. 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 and 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 upon 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. Additionally, if the request is for wind generation, the total requested capacity of wind generation plus existing transmission capacity reserved for wind generation 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 5 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 Engineering and Construction 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 “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 (140-54) or 86 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 “OR” pricing of 128 million revenue requirements to be paid back to the Transmission Owners and the remaining revenue requirements of (140-128) or 12 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 “OR” pricing 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 per year based on the Customer Network Resource forecast..

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 meets OATT Section 29.2 requirements.

B. 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. The Total Engineering and Construction Cost (E & C) is the upgrade solution cost as determined by the transmission owner. The Transmission Customer Allocation Cost is the estimated engineering and construction cost based upon the allocation of costs to all Transmission Customers in the AFS who positively impact facilities by at least 3% subsequently overloaded by the AFS. Minimum ATC is the portion of the requested capacity that can be accommodated with out 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.

5. 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 September 11th, 2009. 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 (Customer) by September 26th, 2009, 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 Engineering and Construction costs assigned to the Customer. This letter of credit is not required for those facilities that are base plan funded or funded by Point to Point base rate. This amount is for all assignable Network Upgrades less pre-payment requirements. The amount of the letter of credit will be adjusted down on an annual basis to reflect amortization of these costs. The Transmission Provider will issue notifications to construct network upgrades to the constructing Transmission Owner after filing of necessary service agreements at FERC.

6. Appendix A

PSS/E CHOICES IN RUNNING LOAD FLOW PROGRAM AND ACCC

BASE CASES:

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 CASES:

Solutions – AC contingency checking (ACCC)

MW mismatch tolerance – 0.5

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 form 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

Var limits - Apply automatically

Solution options - Phase shift adjustment

Flat start

Lock DC taps

Lock switched shunts

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

Customer	Study Number	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date without interim redispach	Deferred Stop Date without interim redispach	Start Date with interim redispach	Stop Date with interim redispach	Minimum Allocated ATC (MW) withing reservation period	Season of Minimum Allocated ATC within reservation period
AEPM	AG1-2009-021	1565734	WFEC	CSWS	101	1/1/2010	1/1/2030	6/1/2013	6/1/2033	1/1/2010	1/1/2030	0	10SP
AEPM	AG1-2009-022	1565735	CSWS	CSWS	99	1/1/2010	1/1/2030	6/1/2013	6/1/2033	6/1/2012	6/1/2032	0	10SP
AEPM	AG1-2009-027	1567573	CSWS	CSWS	580	6/1/2012	6/1/2022	6/1/2013	6/1/2023	6/1/2012	6/1/2022	0	14SP
JUWI	AG1-2009-040	73301024	OPPD	OPPD	60	1/1/2010	12/31/2029	6/1/2012	5/1/2032			0	10SP
KBPU	AG1-2009-017D	1561537	WR	KACY	2	8/1/2009	8/1/2029	1/1/2010	1/1/2030			0	10SP
KCPS	AG3-2008-013	1518315	KCPL	EES	100	6/1/2010	6/1/2015	6/1/2010	6/1/2015	6/1/2010	6/1/2015	0	10SP
KCPS	AG1-2009-044	1568195	KCPL	WR	45	1/1/2010	1/1/2015	4/1/2014	4/1/2019	1/1/2010	1/1/2015	0	10SP
KCPS	AG1-2009-045	1568200	KCPL	SECI	50	6/1/2010	6/1/2015	6/1/2014	6/1/2019	6/1/2011	6/1/2016	0	10SP
KCPS	AG1-2009-046	1568202	KCPL	SECI	50	6/1/2010	6/1/2015	6/1/2014	6/1/2019	6/1/2011	6/1/2016	0	10SP
KEPC	AG1-2009-053	1568258	WR	WR	25	10/1/2009	10/1/2029	6/1/2014	6/1/2034	6/1/2011	6/1/2031	0	10SP
KEPC	AG1-2009-054	1568259	WR	WR	7	10/1/2009	10/1/2029	6/1/2011	6/1/2031	6/1/2011	6/1/2031	0	10SP
KEPC	AG1-2009-055	1568260	WR	WR	14	10/1/2009	10/1/2029	6/1/2013	6/1/2033	6/1/2011	6/1/2031	0	10SP
KMEA	AG3-2008-023	1518798	MPS	KCPL	7	5/1/2009	5/1/2014	1/1/2010	1/1/2015			0	09SP
KMEA	AG3-2008-024	1518800	SECI	KCPL	7	5/1/2009	5/1/2014	6/1/2014	6/1/2019			0	09SP
KMEA	AG3-2008-025	1518801	NPPD	KCPL	7	5/1/2009	5/1/2014	6/1/2014	6/1/2019			0	09SP
KMEA	AG3-2008-026	1518804	SECI	SECI	1	5/1/2009	5/1/2014	6/1/2014	6/1/2019			0	09SP
KMEA	AG3-2008-027	1518805	MPS	SECI	1	5/1/2009	5/1/2014	6/1/2011	6/1/2016			0	09SP
KMEA	AG3-2008-028	1518806	NPPD	SECI	1	5/1/2009	5/1/2014	6/1/2011	6/1/2016			0	09SP
KMEA	AG3-2008-029	1518829	SECI	SECI	1	5/1/2010	5/1/2015	6/1/2014	6/1/2019			0	10SP
KMEA	AG3-2008-030	1518831	NPPD	SECI	1	5/1/2010	5/1/2015	6/1/2011	6/1/2016			0	10SP
KMEA	AG3-2008-031	1518834	SECI	WR	1	5/1/2010	5/1/2015	6/1/2014	6/1/2019			0	10SP
KMEA	AG3-2008-032	1518835	NPPD	WR	1	5/1/2010	5/1/2015	6/1/2014	6/1/2019			0	10SP
KMEA	AG3-2008-033	1518838	NPPD	WR	1	5/1/2010	5/1/2015	6/1/2014	6/1/2019			0	10SP
KMEA	AG3-2008-034	1518839	SECI	WR	1	5/1/2010	5/1/2015	6/1/2014	6/1/2019			0	10SP
KMEA	AG3-2008-035	1518840	SECI	WR	1	5/1/2010	5/1/2015	6/1/2014	6/1/2019			0	10SP
KMEA	AG3-2008-036	1518841	NPPD	WR	1	5/1/2010	5/1/2015	6/1/2014	6/1/2019			0	10SP
KMEA	AG3-2008-037	1518842	SECI	SECI	5	10/1/2009	10/1/2014	6/1/2014	6/1/2019			0	10SP
KMEA	AG3-2008-038	1518844	SECI	SECI	1	10/1/2009	10/1/2014	6/1/2014	6/1/2019			0	10SP
KMEA	AG3-2008-039	1518845	NPPD	SECI	1	10/1/2009	10/1/2014	6/1/2011	6/1/2016			0	10SP
KMEA	AG1-2009-005	1541894	GRDA	SECI	3	8/1/2009	8/1/2027	6/1/2011	6/1/2029			0	10SP
KMEA	AG1-2009-050	1568248	SECI	WR	2	1/1/2010	1/1/2015	6/1/2014	6/1/2019			0	10SP
KMEA	AG1-2009-056	1568267	SECI	SECI	13	5/1/2010	5/1/2015	6/1/2014	6/1/2019			0	10SP
KMEA	AG1-2009-056	1568268	SECI	SECI	13	5/1/2010	5/1/2015	6/1/2013	6/1/2018			0	10SP
NTEC	AG1-2009-029	1567817	CSWS	CSWS	335	1/1/2015	1/1/2040	1/1/2015	1/1/2040			0	19SP
OMPA	AG1-2009-023	1566503	OKGE	SPA	61	6/1/2010	6/1/2015	6/1/2012	6/1/2017	6/1/2010	6/1/2015	0	10SP
OMPA	AG1-2009-026	1566944	OKGE	WFEC	10	9/1/2010	9/1/2025	9/1/2010	9/1/2025	9/1/2010	9/1/2025	0	11SP
OPPM	AG1-2009-037	1596625	OPPD	OPPD	171	1/1/2014	1/1/2037	1/1/2014	1/1/2037			0	19SP
SEPC	AG3-2008-004	1484375	SECI	SECI	150	11/1/2010	11/1/2040	6/1/2014	6/1/2044			0	11SP
SEPC	AG3-2008-005	1484376	SECI	SECI	150	11/1/2010	11/1/2040	6/1/2013	6/1/2043			0	11SP
SPRM	AG1-2009-020	1562368	WR	SPA	25	1/1/2010	1/1/2029	6/1/2014	6/1/2033	6/1/2014	6/1/2033	0	10SP
SPSM	AG3-2008-009	1512547	MPS	SPS	107	6/1/2009	6/1/2014	6/1/2014	6/1/2019			0	09SP
SPSM	AG3-2008-010	1512564	CSWS	SPS	107	6/1/2009	6/1/2014	6/1/2014	6/1/2019			0	09SP
SPSM	AG3-2008-019	1518656	SPS	SPS	95	6/1/2011	6/1/2031	6/1/2014	6/1/2034			0	11SP
SPSM	AG3-2008-019	1518657	SPS	SPS	65	6/1/2011	6/1/2031	6/1/2014	6/1/2034			0	11SP
SPSM	AG1-2009-041	1567387	SPS	SPS	531	6/1/2011	6/1/2031	6/1/2014	6/1/2034			0	11SP
UCU	AG1-2009-042	1568167	KCPL	MPS	100	6/1/2010	6/1/2016	6/1/2010	6/1/2016	6/1/2010	6/1/2016	62	10SP
UCU	AG1-2009-042	1568168	KCPL	MPS	50	6/1/2010	6/1/2016	6/1/2010	6/1/2016	6/1/2010	6/1/2016	31	10SP
UCU	AG1-2009-042	1568169	KCPL	MPS	50	6/1/2010	6/1/2016	6/1/2010	6/1/2016	6/1/2010	6/1/2016	31	10SP

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.

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 Total Revenue Requirements for Assigned Upgrades Over Term of Reservation WITHOUT Potential Base Plan Funding Allocation	^{3 5} Total Revenue Requirements for Assigned Upgrades Over Term of Reservation WITH Potential Base Plan Funding Allocation	Point-to-Point Base Rate Over Reservation Period	⁴ Total Cost of Reservation Assignable to Customer Contingent Upon Base Plan Funding
AEPM	AG1-2009-021	1565734	\$ 1,103,818	\$ -	\$ 1,103,818		\$ -	\$ 3,312,545	\$ -	\$ -	Schedule 9 Charges
AEPM	AG1-2009-022	1565735	\$ 2,338,802	\$ 8,569	\$ 2,330,233	14	Indeterminate	\$ 8,550,434	\$ 28,931	\$ -	\$ 28,931
AEPM	AG1-2009-027	1567573	\$ 7,106,678	\$ -	\$ -	6	\$ -	\$ 18,714,743	\$ 18,714,743	\$ -	\$ 18,714,743
JUWI	AG1-2009-040	73301024	\$ 54,386	\$ -	\$ -	13	\$ -	\$ -	\$ -	\$ 18,144,000	\$ 18,144,000
KBPU	AG1-2009-017D	1561537	\$ -	\$ -	\$ -		Indeterminate	\$ -	\$ -	\$ 484,800	\$ 484,800
KCPS	AG3-2008-013	1518315	\$ -	\$ -	\$ -		Indeterminate	\$ -	\$ -	\$ 5,700,000	\$ 5,700,000
KCPS	AG1-2009-044	1568195	\$ 29,090	\$ -	\$ -	13	\$ -	\$ -	\$ -	\$ 6,477,300	\$ 6,477,300
KCPS	AG1-2009-045	1568200	\$ 182,054	\$ -	\$ -	13	\$ -	\$ 264,380	\$ 264,380	\$ 13,305,000	\$ 13,305,000
KCPS	AG1-2009-046	1568202	\$ 182,054	\$ -	\$ -	13	\$ -	\$ 264,380	\$ 264,380	\$ 13,305,000	\$ 13,305,000
KEPC	AG1-2009-053	1568258	\$ 1,538,106	\$ -	\$ 1,538,106	13	\$ -	\$ 410,125	\$ -	\$ -	Schedule 9 Charges
KEPC	AG1-2009-054	1568259	\$ 356,324	\$ -	\$ 356,324	13	\$ -	\$ 105,528	\$ -	\$ -	Schedule 9 Charges
KEPC	AG1-2009-055	1568260	\$ 775,856	\$ -	\$ 775,856	13	\$ -	\$ 215,061	\$ -	\$ -	Schedule 9 Charges
KMEA	AG3-2008-023	1518798	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	Schedule 9 Charges
KMEA	AG3-2008-024	1518800	\$ -	\$ -	\$ -	8	\$ -	\$ -	\$ -	\$ -	Schedule 9 Charges
KMEA	AG3-2008-025	1518801	\$ 7,697	\$ 7,697	\$ -	8, 13	Indeterminate	\$ -	\$ -	\$ -	Schedule 9 Charges
KMEA	AG3-2008-026	1518804	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ 266,100	\$ 266,100
KMEA	AG3-2008-027	1518805	\$ 3,616	\$ -	\$ -	13	\$ -	\$ 5,246	\$ 5,246	\$ 266,100	\$ 266,100
KMEA	AG3-2008-028	1518806	\$ 3,891	\$ -	\$ -	13	\$ -	\$ 4,280	\$ 4,280	\$ 266,100	\$ 266,100
KMEA	AG3-2008-029	1518829	\$ 9,210	\$ -	\$ 9,210	13	\$ -	\$ 19,691	\$ -	\$ -	Schedule 9 Charges
KMEA	AG3-2008-030	1518831	\$ 12,873	\$ -	\$ 12,873	13	\$ -	\$ 20,438	\$ -	\$ -	Schedule 9 Charges
KMEA	AG3-2008-031	1518834	\$ 498	\$ -	\$ -	13	\$ -	\$ -	\$ -	\$ 143,940	\$ 143,940
KMEA	AG3-2008-032	1518835	\$ 1,333	\$ -	\$ -	13	Indeterminate	\$ -	\$ -	\$ 143,940	\$ 143,940
KMEA	AG3-2008-033	1518838	\$ 1,333	\$ -	\$ -	13	Indeterminate	\$ -	\$ -	\$ 143,940	\$ 143,940
KMEA	AG3-2008-034	1518839	\$ 498	\$ -	\$ -	13	\$ -	\$ -	\$ -	\$ 143,940	\$ 143,940
KMEA	AG3-2008-035	1518840	\$ 498	\$ -	\$ -	13	\$ -	\$ -	\$ -	\$ 143,940	\$ 143,940
KMEA	AG3-2008-036	1518841	\$ 1,333	\$ -	\$ -	13	Indeterminate	\$ -	\$ -	\$ 143,940	\$ 143,940
KMEA	AG3-2008-037	1518842	\$ 46,053	\$ -	\$ 46,053	13	\$ -	\$ 98,455	\$ -	\$ -	Schedule 9 Charges
KMEA	AG3-2008-038	1518844	\$ 3,612	\$ -	\$ -	13	\$ -	\$ 3,543	\$ 3,543	\$ 266,100	\$ 266,100
KMEA	AG3-2008-039	1518845	\$ 3,891	\$ -	\$ -	13	\$ -	\$ 4,280	\$ 4,280	\$ 266,100	\$ 266,100
KMEA	AG1-2009-005	1541894	\$ 48,481	\$ -	\$ 48,481	13	\$ -	\$ 76,408	\$ -	\$ -	Schedule 9 Charges
KMEA	AG1-2009-050	1568248	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ 287,880	\$ 287,880
KMEA	AG1-2009-056	1568267	\$ 46,635	\$ -	\$ 46,635		\$ -	\$ 119,211	\$ -	\$ -	Schedule 9 Charges
KMEA	AG1-2009-056	1568268	\$ 52,218	\$ 52,218	\$ -	9	\$ -	\$ 121,468	\$ 121,468	\$ -	\$ 121,468
NTEC	AG1-2009-029	1567817	\$ 688,819	\$ -	\$ 688,819	7	Indeterminate	\$ 3,895,585	\$ -	\$ -	Schedule 9 Charges
OMPA	AG1-2009-023	1566503	\$ -	\$ -	\$ -	10	Indeterminate	\$ -	\$ -	\$ -	Schedule 9 Charges
OMPA	AG1-2009-026	1566944	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	Schedule 9 Charges
OPPM	AG1-2009-037	1596625	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	Schedule 9 Charges

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 Total Revenue Requirements for Assigned Upgrades Over Term of Reservation WITHOUT Potential Base Plan Funding Allocation	^{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
SEPC	AG3-2008-004	1484375	\$ 1,489,120	\$ -	\$ 1,489,120	13	\$ -	\$ -	\$ -	\$ -	Schedule 9 Charges
SEPC	AG3-2008-005	1484376	\$ 948,613	\$ 928,012	\$ -	11,13	\$ -	\$ 164,115	\$ 164,115	\$ -	\$ 164,115
SPRM	AG1-2009-020	1562368	\$ -	\$ -	\$ -	12	Indeterminate	\$ -	\$ -	\$ -	Schedule 9 Charges
SPSM	AG3-2008-009	1512547	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ 11,273,520	\$ 11,273,520
SPSM	AG3-2008-010	1512564	\$ 12,592	\$ -	\$ -	-	Indeterminate	\$ 33,389	\$ 33,389	\$ 11,273,520	\$ 11,273,520
SPSM	AG3-2008-019	1518656	\$ 139,516	\$ -	\$ -	-	\$ -	\$ 534,892	\$ 534,892	\$ -	\$ 534,892
SPSM	AG3-2008-019	1518657	\$ 95,458	\$ -	\$ -	-	\$ -	\$ 365,979	\$ 365,979	\$ -	\$ 365,979
SPSM	AG1-2009-041	1567387	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	Schedule 9 Charges
UCU	AG1-2009-042	1568167	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ 11,599,200	\$ 11,599,200
UCU	AG1-2009-042	1568168	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ 5,799,600	\$ 5,799,600
UCU	AG1-2009-042	1568169	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ 5,799,600	\$ 5,799,600
Grand Total			\$ 17,284,956		\$ 8,445,236			\$ 37,304,175	\$ 20,509,625		

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 not required for upgrades fully funded by PTP base rate or base plan funding. 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: Need updated NITS application to determine BPF.

Note 7: Based on Winter load as peak.

Note 8: Mutually exclusive with 1518798

Note 9: Mutually exclusive with 1568267

Note 10: Not eligible for BPF as under SPA OATT

Note 11: Exceeds BPF cap with inclusion of Request 1484375

Note 12: If start date deferred to 2011 exceeds 125% cap for BPF.

Note 13: Revenue Requirements for NPPD to be determined when determinants are provided by NPPD.

Note 14: Letter of Credit and Base Plan Funding based upon Wind Resource Attachment J language.

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

Customer Study Number
 AEPM AG1-2009-021

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
AEPM	1565734	WFEC	CSWS	101	1/1/2010	1/1/2030	6/1/2013	6/1/2033	\$ 1,103,818	\$ -	\$ 1,103,818	\$ 3,312,545
									\$ 1,103,818	\$ -	\$ 1,103,818	\$ 3,312,545

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Base Plan Funding for Wind	Directly Assigned for Wind	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1565734	EASTON REC - PIRKEY 138KV CKT 1	6/1/2012	6/1/2012			\$ -	\$ -	\$ -	\$ -	\$ -
	RIVERSIDE STATION - TULSA POWER STATION 138KV CKT 1	6/1/2012	6/1/2012			\$ 48,931	\$ -	\$ 48,931	\$ 800,000	\$ 150,873
	ROCK HILL - SPRINGRIDGE PAN-HARR REC 138KV CKT 1	6/1/2012	6/1/2013			\$ -	\$ -	\$ -	\$ -	\$ -
	SOUTHWEST SHREVEPORT - SPRINGRIDGE PAN-HARR REC 138KV CKT 1	6/1/2012	6/1/2013	Yes		\$ 741,977	\$ -	\$ 741,977	\$ 7,200,000	\$ 2,223,829
	TEXAS EASTMAN - WHITNEY 138KV CKT 1	6/1/2012	6/1/2013	Yes		\$ 312,910	\$ -	\$ 312,910	\$ 2,800,000	\$ 937,843
Total						\$ 1,103,818	\$ -	\$ 1,103,818	\$ 10,800,000	\$ 3,312,545

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 Service Date	Redispatch Available
1565734	RUSSETT - RUSSETT 138KV CKT 1 OKGE	12/1/2011	6/1/2012		Yes
	RUSSETT - RUSSETT 138KV CKT 1 WFEC	12/1/2011	6/1/2012		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 Service Date	Redispatch Available
1565734	2003-05T 138138.00 - PARADISE 138KV CKT 1	6/1/2015	6/1/2015		
	ALTUS SW - NAVAJO 69KV CKT 1	6/1/2010	6/1/2012		
	CARNEGIE - SOUTHWESTERN STATION 138KV CKT 1	6/1/2015	6/1/2015		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	SNYDER - TIPTON JCT 69KV CKT 1	6/1/2010	6/1/2012		Yes
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1565734	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 - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		

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

Customer Study Number
AEPM AG1-2009-022

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
AEPM	1565735	CSWS	CSWS	99	1/1/2010	1/1/2030	6/1/2013	6/1/2033	\$ 2,330,233	-	\$ 2,338,802	\$ 8,494,476
									\$ 2,330,233	\$ -	\$ 2,338,802	\$ 8,494,476

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Base Plan Funding for Wind	Directly Assigned for Wind	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1565735	BOWERS INTERCHANGE 115/69KV TRANSFORMER CKT 2 Displacement	6/1/2011	6/1/2013			\$ 17,139	\$ 8,569	\$ 25,708	\$ 269,543	\$ 27,979
	BUSHLAND INTERCHANGE - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1 Redispatch	12/1/2010	12/1/2010			\$ -	\$ -	\$ -	\$ -	\$ -
	EASTON REC - PIRKEY 138KV CKT 1	6/1/2012	6/1/2012			\$ -	\$ -	\$ -	\$ -	\$ -
	GRAPEVINE INTERCHANGE - KIRBY SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -	\$ -	\$ -
	RIVERSIDE STATION - TULSA POWER STATION 138KV CKT 1	6/1/2012	6/1/2012			\$ 78,100	\$ -	\$ 78,100	\$ 800,000	\$ 293,755
	ROCK HILL - SPRINGRIDGE PAN-HARR REC 138KV CKT 1	6/1/2012	6/1/2013			\$ -	\$ -	\$ -	\$ -	\$ -
	SOUTHWEST SHREVEPORT - SPRINGRIDGE PAN-HARR REC 138KV CKT 1	6/1/2012	6/1/2013	Yes		\$ 1,609,103	\$ -	\$ 1,609,103	\$ 7,200,000	\$ 5,884,035
	TEXAS EASTMAN - WHITNEY 138KV CKT 1	6/1/2012	6/1/2013	Yes		\$ 625,891	\$ -	\$ 625,891	\$ 2,800,000	\$ 2,288,707
	TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -	\$ -	\$ -
	Total					\$ 2,330,233	\$ 8,569	\$ 2,338,802	\$ 11,069,543	\$ 8,494,476

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 Service Date	Redispatch Available
1565735	RUSSETT - RUSSETT 138KV CKT 1 OKGE	12/1/2011	6/1/2012		Yes
	RUSSETT - RUSSETT 138KV CKT 1 WFEC	12/1/2011	6/1/2012		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 Service Date	Redispatch Available
1565735	CARNEGIE - SOUTHWESTERN STATION 138KV CKT 1	6/1/2015	6/1/2015		
	ELK CITY (ELKCTY-4) 138/69/13.8KV TRANSFORMER CKT 1	6/1/2015	6/1/2015		
	ELK CITY 69KV CAPACITOR	6/1/2010	6/1/2012		No
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	SPSNORTH_STH	12/1/2010	12/1/2010		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1565735	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		
	HUGO POWER PLANT 345/138KV TRANSFORMER CKT 1	7/1/2012	7/1/2012		
	NORTHWEST - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		
	WOODWARD - WOODWARD EHV 138KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD - WOODWARD EHV 138KV CKT 2	1/1/2010	1/1/2010		
	WOODWARD 345/138KV TRANSFORMER CKT 1	1/1/2010	1/1/2010		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1565735	ALPINE AECC - AMITY SS 115KV CKT 1	12/1/2011	12/1/2011			\$ -	\$ -
	ALPINE AECC - BISMARCK 115KV CKT 1	12/1/2011	12/1/2011			\$ -	\$ -
	AMELIA BULK - CHINA 230KV CKT 1	6/1/2012	6/1/2012			\$ -	\$ -
	BISMARCK - HOT SPRINGS WEST BUS 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -
	CEDAR HILL - PLANTATION 138KV CKT 1	6/1/2012	6/1/2012			\$ -	\$ -
	CEDAR HILL - TAMINA 138KV CKT 1	6/1/2012	6/1/2012			\$ -	\$ -
	CHINA - SABINE 230KV CKT 1	6/1/2012	6/1/2012			\$ -	\$ -
	CONROE BULK - PLANTATION 138KV CKT 1	6/1/2012	6/1/2012			\$ -	\$ -
	HARTBURG - INLAND-ORANGE 230KV CKT 1	6/1/2012	6/1/2012			\$ -	\$ -
	HELBIG BULK - MCLEWIS 230KV CKT 1	6/1/2012	6/1/2012			\$ -	\$ -
	INLAND-ORANGE - MCLEWIS 230KV CKT 1	6/1/2012	6/1/2012			\$ -	\$ -
	MCADAMS 500/230KV TRANSFORMER CKT 1	12/1/2010	12/1/2010			\$ 1,661,966	\$ 6,560,000
	OAK RIDGE - PORTER 138KV CKT 1	6/1/2012	6/1/2012			\$ -	\$ -
	PORTER - TAMINA 138KV CKT 1	6/1/2012	6/1/2012			\$ -	\$ -
	Total					\$ 1,661,966	\$ 6,560,000

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

Customer Study Number
 AEPM AG1-2009-027

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
AEPM	1567573	CSWS	CSWS	580	6/1/2012	6/1/2022	6/1/2013	6/1/2023	\$ -	\$ -	\$ 7,106,678	\$ 18,714,743
									\$ -	\$ -	\$ 7,106,678	\$ 18,714,743

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1567573	EASTON REC - PIRKEY 138KV CKT 1	6/1/2012	6/1/2012			\$ -	\$ -	\$ -
	RIVERSIDE STATION - TULSA POWER STATION 138KV CKT 1	6/1/2012	6/1/2012			\$ 396,559	\$ 800,000	\$ 1,073,001
	ROCK HILL - SPRINGRIDGE PAN-HARR REC 138KV CKT 1	6/1/2012	6/1/2013			\$ -	\$ -	\$ -
	SOUTHWEST SHREVEPORT - SPRINGRIDGE PAN-HARR REC 138KV CKT 1	6/1/2012	6/1/2013		Yes	\$ 4,848,919	\$ 7,200,000	\$ 12,748,414
	TEXAS EASTMAN - WHITNEY 138KV CKT 1	6/1/2012	6/1/2013		Yes	\$ 1,861,200	\$ 2,800,000	\$ 4,893,328
	Total					\$ 7,106,678	\$ 10,800,000	\$ 18,714,743

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 Service Date	Redispatch Available
1567573	BROKEN ARROW NORTH - SOUTH TAP - ONETA 138KV 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 Service Date	Redispatch Available
1567573	ARCADIA (ARCADIA2) 345/138/13.8KV TRANSFORMER CKT 1	6/1/2011	6/1/2013		Yes

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1567573	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		
	HUGO POWER PLANT 345/138KV TRANSFORMER CKT 1	7/1/2012	7/1/2012		

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

Customer Study Number
 JUWI AG1-2009-040

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
JUWI	73301024	OPPD	OPPD	60	1/1/2010	12/31/2029	6/1/2012	5/1/2032	\$ -	\$ 18,144,000	\$ 54,386	\$ -
									\$ -	\$ 18,144,000	\$ 54,386	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Base Plan Funding for Wind	Directly Assigned for Wind	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
73301024	HYDROCARBON TAP - SUB 970 69KV CKT 1	6/1/2019	6/1/2019		Available	\$ -	\$ -	\$ -	\$ -	\$ -
	HYDROCARBON TAP - SUB 974 69KV CKT 1	6/1/2019	6/1/2019			\$ -	\$ -	\$ -	\$ -	\$ -
	STEELEC7 115.00 115KV Capacitor	6/1/2014	6/1/2014			\$ 36,257	\$ 18,129	\$ 54,386	\$ 607,500	\$ -
	SUB 1206 T1 MIDPT 161/69KV TRANSFORMER CKT 1 #2	6/1/2012	6/1/2012			\$ -	\$ -	\$ -	\$ -	\$ -
	SUB 1206 T2 MIDPT 161/69KV TRANSFORMER CKT 1 #2	6/1/2010	6/1/2012			\$ -	\$ -	\$ -	\$ -	\$ -
	SUB 1221 - SUB 1255 161KV CKT 1 #2	6/1/2015	6/1/2015			\$ -	\$ -	\$ -	\$ -	\$ -
	SUB 1233 - SUB 1255 161KV CKT 1 #2	6/1/2015	6/1/2015			\$ -	\$ -	\$ -	\$ -	\$ -
	SUB 906 SOUTH - SUB 924 69KV CKT 1	6/1/2019	6/1/2019			\$ -	\$ -	\$ -	\$ -	\$ -
	Total					\$ 36,257	\$ 18,129	\$ 54,386	\$ 607,500	\$ -

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 Service Date	Redispatch Available
73301024	KELLY - SOUTH SENECA 115KV CKT 1	6/1/2010	12/1/2010		

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 Service Date	Redispatch Available
73301024	991 TAP 69KV	12/1/2010	12/1/2010		
	FREMONT SUB A 69KV	12/1/2010	12/1/2010		
	FREMONT SUB B 69KV	12/1/2010	12/1/2010		
	FREMONT SUB C 69KV	12/1/2010	12/1/2010		
	FREMONT SUB D 69KV	12/1/2010	12/1/2010		
	FREMONT SUB E 69KV	12/1/2010	12/1/2010		
	FREMONT SUB F 69KV	12/1/2010	12/1/2010		
	FREMONT SUB G 69KV	12/1/2010	12/1/2010		
	MAGELLAN 69KV	6/1/2019	6/1/2019		
	MAGELLAN TAP 69KV	6/1/2019	6/1/2019		
	MIDWAY - ST JOE 161KV CKT 1	6/1/2013	6/1/2013		
	NEB CITY U SUB 903 69KV	6/1/2019	6/1/2019		
	NEHAWKA 69KV	6/1/2019	6/1/2019		
	SUB 1206 T1 MIDPT 161/69KV TRANSFORMER CKT 1 #1	6/1/2010	6/1/2012		
	SUB 1206 T2 MIDPT 161/69KV TRANSFORMER CKT 1 #1	6/1/2010	6/1/2012		
	SUB 1221 - SUB 1255 161KV CKT 1 #1	6/1/2014	6/1/2014		
	SUB 1233 - SUB 1255 161KV CKT 1 #1	6/1/2014	6/1/2014		
	SUB 906 NORTH - SUB 928 69KV CKT 1	6/1/2012	6/1/2012		
	SUB 906 NORTH - SUB 938 69KV CKT 1	6/1/2010	6/1/2010		
	SUB 906 SOUTH - SUB 938 69KV CKT 1	6/1/2010	6/1/2010		
	SUB 921 - SUB 942 69KV CKT 1	6/1/2012	6/1/2012		
	SUB 962 69KV	6/1/2019	6/1/2019		
	SUB 963 - SUB 977 69KV CKT 1	6/1/2014	6/1/2014		
	SUB 963 - WEST BROCK 69KV CKT 1	6/1/2010	6/1/2010		
	SUB 964 69KV	6/1/2019	6/1/2019		
	SUB 976 69KV	12/1/2010	12/1/2010		
	SUB 977 69KV	6/1/2019	6/1/2019		
	SUB 984 69KV	6/1/2019	6/1/2019		
	SUB 991 69KV	12/1/2010	12/1/2010		
	SUB 992 69KV	12/1/2010	12/1/2010		
	SUB 993 69KV	6/1/2019	6/1/2019		

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

Customer Study Number
KBPU AG1-2009-017D

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KBPU	1561537	WR	KACY	2	8/1/2009	8/1/2029	1/1/2010	1/1/2030	\$ -	\$ 484,800	\$ -	\$ -
									\$ -	\$ 484,800	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1561537	NASHUA - SMITHVILLE 161KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	PLATTE CITY - SMITHVILLE 161KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
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 Service Date	Redispatch Available
1561537	South Harper 161 kV cut-in to Stilwell-Archie JCT 161 kV line	6/1/2010	6/1/2011		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1561537	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1561537	CARTHAGE (CRG X1) 161/69/13.8KV TRANSFORMER CKT 1	6/1/2010	6/1/2012			\$ -	\$ -
	CARTHAGE (CRG X2) 161/69/13.8KV TRANSFORMER CKT 1	6/1/2010	6/1/2012			\$ -	\$ -
Total						\$ -	\$ -

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

Customer Study Number
 KCPS AG1-2009-044

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
KCPS	1568195	KCPL	WR	45	1/1/2010	1/1/2015	4/1/2014	4/1/2019	\$ -	\$ 6,477,300	\$ 29,090	\$ -
									\$ -	\$ 6,477,300	\$ 29,090	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1568195	STEELEC7 115.00 115KV Capacitor	6/1/2014	6/1/2014			\$ 29,090	\$ 607,500	\$ -
Total						\$ 29,090	\$ 607,500	\$ -

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 Service Date	Redispatch Available
1568195	KELLY - SOUTH SENECA 115KV CKT 1	6/1/2010	12/1/2010		

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 Service Date	Redispatch Available
1568195	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 2	6/1/2015	6/1/2015		
	CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1	12/1/2011	12/1/2011		
	CLEARWATER - GILL ENERGY CENTER WEST 138KV CKT 1	6/1/2010	6/1/2013		
	EVANS ENERGY CENTER SOUTH - GODDARD4 138.00 - CLEARWATER 138KV CKT 1	6/1/2010	6/1/2012		
	HEIZER - MULLERGRENN 115 KV CKT 1	6/1/2010	6/1/2011		Yes
	SEWARD - ST JOHN 115KV CKT 1	6/1/2010	6/1/2013		
	SOUTH COFFEYVILLE CITY 138KV CAP BANK	6/1/2011	6/1/2011		

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 Service Date	Redispatch Available
1568195	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	6/1/2011	7/1/2013		Yes
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	6/1/2011	1/1/2013		Yes
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	6/1/2011	4/1/2014		Yes
	LEHIGH TAP - OWL CREEK 69KV CKT 1	6/1/2011	12/1/2011		Yes
	NEOSHO - NORTHEAST PARSONS 138KV CKT 1	6/1/2010	6/1/2011		Yes
	ROSE HILL (ROSEHL1X) 345/138/13.8KV TRANSFORMER CKT 3 Displacement	6/1/2010	6/1/2011		Yes

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1568195	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

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

Customer Study Number
 KCPS AG1-2009-045

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
KCPS	1568200	KCPL	SECI	50	6/1/2010	6/1/2015	6/1/2014	6/1/2019	\$ -	\$ 13,305,000	\$ 182,054	\$ 264,380
									\$ -	\$ 13,305,000	\$ 182,054	\$ 264,380

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1568200	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC Displacement	6/1/2014	6/1/2014			\$ 9,595	\$ 112,056	\$ 18,705
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE Displacement	6/1/2014	6/1/2014			\$ 4,492	\$ 52,462	\$ 10,085
	CONCORDIA (CONCORD6) 230/115/13.8KV TRANSFORMER CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	CTU SUBLETTE - HASKELL 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CTU SUBLETTE - PIONEER TAP 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CUDAHY - JUDSON LARGE 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	FLETCHER - HOLCOMB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HARPER - MILAN TAP 138KV CKT 1	6/1/2014	6/1/2014			\$ -	\$ -	\$ -
	HASKELL - SEWARD-3 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	HOLCOMB - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HUNTSVILLE - HUTCHINSON ENERGY CENTER 115KV CKT 1 MIDW Displacement	6/1/2010	6/1/2014		Yes	\$ 132,424	\$ 608,505	\$ 235,590
	HUNTSVILLE - HUTCHINSON ENERGY CENTER 115KV CKT 1 WERE Displacement	6/1/2010	6/1/2014		Yes	\$ -	\$ -	\$ -
	IONIA 3 115.00 - JEWELL 3 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	IONIA 3 115.00 - SMITH CENTER 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	JUDSON LARGE - NORTH JUDSON LARGE SUB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	PIONEER TAP - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	STEELEC7 115.00 115KV Capacitor	6/1/2014	6/1/2014			\$ 35,543	\$ 607,500	\$ -
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1 Redispatch	12/1/2010	12/1/2010			\$ -	\$ -	\$ -
Total						\$ 182,054	\$ 1,380,523	\$ 264,380

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 Service Date	Redispatch Available
1568200	HOLCOMB - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		
	KELLY - SOUTH SENECA 115KV CKT 1	6/1/2010	12/1/2010		
	KINSLEY 115KV Capacitor	6/1/2010	6/1/2011		No
	PAWNEE 115KV Capacitor	6/1/2010	6/1/2011		No
	PIONEER TAP - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		

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

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 Service Date	Redispatch Available
1568200	991 TAP 69KV	12/1/2010	12/1/2010		
	CLEARWATER - GILL - GODDARD - EVANS ENERGY CENTER SOUTH 115 KV CKT 1	6/1/2010	6/1/2013		
	CLEARWATER - GILL ENERGY CENTER WEST 138KV CKT 1	6/1/2010	6/1/2013		Yes
	FREMONT SUB A 69KV	12/1/2010	12/1/2010		
	FREMONT SUB B 69KV	12/1/2010	12/1/2010		
	FREMONT SUB C 69KV	12/1/2010	12/1/2010		
	FREMONT SUB D 69KV	12/1/2010	12/1/2010		
	FREMONT SUB E 69KV	12/1/2010	12/1/2010		
	FREMONT SUB F 69KV	12/1/2010	12/1/2010		
	FREMONT SUB G 69KV	12/1/2010	12/1/2010		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	HEIZER - MULLERGREN 115 KV CKT 1	6/1/2010	6/1/2011		Yes
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	PRATT - ST JOHN 115 KV CKT 1	6/1/2010	6/1/2013		
	SUB 976 69KV	12/1/2010	12/1/2010		
	SUB 991 69KV	12/1/2010	12/1/2010		
	SUB 992 69KV	12/1/2010	12/1/2010		
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1	12/1/2010	12/1/2010		
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2	6/1/2017	6/1/2017		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1568200	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2010	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	6/1/2010	4/1/2011		Yes
	ROSE HILL (ROSEHL1X) 345/138/13.8KV TRANSFORMER CKT 3 Displacement	6/1/2010	6/1/2011		Yes

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1568200	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	NORTHWEST - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

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

Customer Study Number
 KCPS AG1-2009-046

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
KCPS	1568202	KCPL	SECI	50	6/1/2010	6/1/2015	6/1/2014	6/1/2019	\$ -	\$ 13,305,000	\$ 182,054	\$ 264,380
									\$ -	\$ 13,305,000	\$ 182,054	\$ 264,380

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1568202	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC Displacement	6/1/2014	6/1/2014			\$ 9,595	\$ 112,056	\$ 18,705
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE Displacement	6/1/2014	6/1/2014			\$ 4,492	\$ 52,462	\$ 10,085
	CONCORDIA (CONCORD6) 230/115/13.8KV TRANSFORMER CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	CTU SUBLETTE - HASKELL 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CTU SUBLETTE - PIONEER TAP 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CUDAHY - JUDSON LARGE 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	FLETCHER - HOLCOMB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HARPER - MILAN TAP 138KV CKT 1	6/1/2014	6/1/2014			\$ -	\$ -	\$ -
	HASKELL - SEWARD-3 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	HOLCOMB - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HUNTSVILLE - HUTCHINSON ENERGY CENTER 115KV CKT 1 MIDW Displacement	6/1/2010	6/1/2014		Yes	\$ 132,424	\$ 608,505	\$ 235,590
	HUNTSVILLE - HUTCHINSON ENERGY CENTER 115KV CKT 1 WERE Displacement	6/1/2010	6/1/2014		Yes	\$ -	\$ -	\$ -
	IONIA 3 115.00 - JEWELL 3 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	IONIA 3 115.00 - SMITH CENTER 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	JUDSON LARGE - NORTH JUDSON LARGE SUB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	PIONEER TAP - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	STEELEC7 115.00 115KV Capacitor	6/1/2014	6/1/2014			\$ 35,543	\$ 607,500	\$ -
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1 Redispatch	12/1/2010	12/1/2010			\$ -	\$ -	\$ -
Total						\$ 182,054	\$ 1,380,523	\$ 264,380

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 Service Date	Redispatch Available
1568202	HOLCOMB - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		
	KELLY - SOUTH SENECA 115KV CKT 1	6/1/2010	12/1/2010		
	KINSLEY 115KV Capacitor	6/1/2010	6/1/2011		No
	PAWNEE 115KV Capacitor	6/1/2010	6/1/2011		No
	PIONEER TAP - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		

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

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 Service Date	Redispatch Available
1568202	991 TAP 69KV	12/1/2010	12/1/2010		
	CLEARWATER - GILL - GODDARD - EVANS ENERGY CENTER SOUTH 115 KV CKT 1	6/1/2010	6/1/2013		
	CLEARWATER - GILL ENERGY CENTER WEST 138KV CKT 1	6/1/2010	6/1/2013		Yes
	FREMONT SUB A 69KV	12/1/2010	12/1/2010		
	FREMONT SUB B 69KV	12/1/2010	12/1/2010		
	FREMONT SUB C 69KV	12/1/2010	12/1/2010		
	FREMONT SUB D 69KV	12/1/2010	12/1/2010		
	FREMONT SUB E 69KV	12/1/2010	12/1/2010		
	FREMONT SUB F 69KV	12/1/2010	12/1/2010		
	FREMONT SUB G 69KV	12/1/2010	12/1/2010		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	HEIZER - MULLERGREIN 115 KV CKT 1	6/1/2010	6/1/2011		Yes
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	PRATT - ST JOHN 115 KV CKT 1	6/1/2010	6/1/2013		
	SUB 976 69KV	12/1/2010	12/1/2010		
	SUB 991 69KV	12/1/2010	12/1/2010		
	SUB 992 69KV	12/1/2010	12/1/2010		
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1	12/1/2010	12/1/2010		
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2	6/1/2017	6/1/2017		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1568202	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2010	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	6/1/2010	4/1/2011		Yes
	ROSE HILL (ROSEHL1X) 345/138/13.8KV TRANSFORMER CKT 3 Displacement	6/1/2010	6/1/2011		Yes

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1568202	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	NORTHWEST - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

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

Customer Study Number
 KCPS AG3-2008-013

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	1518315	KCPL	EES	100	6/1/2010	6/1/2015			\$ -	\$ 5,700,000	\$ -	\$ -
									\$ -	\$ 5,700,000	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1518315	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 Service Date	Redispatch Available
1518315	ELK CITY 69KV CAPACITOR	6/1/2010	6/1/2012		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518315	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		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1518315	SOVERTON 161.00 - HUNTSDALE 161KV CKT 1	12/1/2014	12/1/2014			\$ -	\$ -
	ADAMS CREEK - BOGALUSA 230KV CKT 2	12/1/2010	12/1/2010			\$ -	\$ -
	MCADAMS 500/230KV TRANSFORMER CKT 1	12/1/2010	12/1/2010			\$ 4,898,034	\$ 6,560,000
Total						\$ 4,898,034	\$ 6,560,000

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

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 Service Date	Redispatch Available
1568258	991 TAP 69KV	12/1/2010	12/1/2010		
	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 2	6/1/2015	6/1/2015		
	CLEARWATER - GILL - GODDARD - EVANS ENERGY CENTER SOUTH 115 KV CKT 1	6/1/2010	6/1/2013		
	CLEARWATER - GILL ENERGY CENTER WEST 138KV CKT 1	6/1/2010	6/1/2013		
	COUNTY LINE - HOOK JCT 115KV CKT 1	6/1/2017	6/1/2017		
	EVANS ENERGY CENTER SOUTH - GODDARD4 138.00 - CLEARWATER 138KV CKT 1	6/1/2010	6/1/2012		Yes
	FREMONT SUB A 69KV	12/1/2010	12/1/2010		
	FREMONT SUB B 69KV	12/1/2010	12/1/2010		
	FREMONT SUB C 69KV	12/1/2010	12/1/2010		
	FREMONT SUB D 69KV	12/1/2010	12/1/2010		
	FREMONT SUB E 69KV	12/1/2010	12/1/2010		
	FREMONT SUB F 69KV	12/1/2010	12/1/2010		
	FREMONT SUB G 69KV	12/1/2010	12/1/2010		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	GILL ENERGY CENTER EAST - GILLJCT2 69.000 69KV CKT 1	6/1/2014	6/1/2014		
	HEIZER - MULLERGREEN 115 KV CKT 1	6/1/2010	6/1/2011		Yes
	HOOK JCT - TECUMSEH ENERGY CENTER 115KV CKT 1	6/1/2016	6/1/2016		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	PRATT - ST JOHN 115 KV CKT 1	6/1/2010	6/1/2013		Yes
	SEWARD - ST JOHN 115KV CKT 1	6/1/2010	6/1/2013		
	SUB 976 69KV	12/1/2010	12/1/2010		
	SUB 991 69KV	12/1/2010	12/1/2010		
	SUB 992 69KV	12/1/2010	12/1/2010		
	SUB 993 69KV	6/1/2019	6/1/2019		
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1	12/1/2010	12/1/2010		
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2	6/1/2017	6/1/2017		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1568258	GILL ENERGY CENTER EAST - MACARTHUR 69KV CKT 1 Displacement	6/1/2014	6/1/2014		
	MACARTHUR - OATVILLE 69KV CKT 1 Displacement	6/1/2014	6/1/2014		
	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2010	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	6/1/2010	4/1/2011		Yes

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1568258	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		
	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 - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUB 110 - ORONOGO JCT. - SUB 167 - RIVERTON 161KV CKT 1	6/1/2011	6/1/2011		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		
	WOODWARD - WOODWARD EHV 138KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD - WOODWARD EHV 138KV CKT 2	1/1/2010	1/1/2010		
	WOODWARD 345/138KV TRANSFORMER CKT 1	1/1/2010	1/1/2010		

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

Customer Study Number
 KEPC AG1-2009-054

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KEPC	1568259	WR	WR	7	10/1/2009	10/1/2029	6/1/2011	6/1/2031	\$ 356,324	\$ -	\$ 356,324	\$ 105,528
									\$ 356,324	\$ -	\$ 356,324	\$ 105,528

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1568259	BEATRICE - HARBINE 115KV CKT 1	6/1/2019	6/1/2019			\$ 291,562	\$ 4,418,750	\$ -
	CIMARRON RIVER TAP - KISMET 3 115.00 115KV CKT 1	6/1/2019	6/1/2019			\$ -	\$ -	\$ -
	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC Displacement	6/1/2014	6/1/2014			\$ 1,979	\$ 112,056	\$ 6,713
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE Displacement	6/1/2014	6/1/2014			\$ 926	\$ 52,462	\$ 3,307
	CONCORDIA (CONCORDE) 230/115/13.8KV TRANSFORMER CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	CTU SUBLETTE - HASKELL 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CTU SUBLETTE - PIONEER TAP 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CUDAHY - JUDSON LARGE 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CUDAHY - KISMET 3 115.00 115KV CKT 1	6/1/2019	6/1/2019			\$ -	\$ -	\$ -
	EAST MANHATTAN - NWMANHT6 230.00 230KV CKT 1	6/1/2019	6/1/2019			\$ -	\$ -	\$ -
	FLETCHER - HOLCOMB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HARPER - MILAN TAP 138KV CKT 1	6/1/2014	6/1/2014			\$ -	\$ -	\$ -
	HASKELL - SEWARD-3 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	HOLCOMB - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HUNTSVILLE - HUTCHINSON ENERGY CENTER 115KV CKT 1 MIDW Displacement	6/1/2010	6/1/2014			\$ 33,299	\$ 608,505	\$ 95,508
	HUNTSVILLE - HUTCHINSON ENERGY CENTER 115KV CKT 1 WERE Displacement	6/1/2010	6/1/2014			\$ -	\$ -	\$ -
	IONIA 3 115.00 - JEWELL 3 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	IONIA 3 115.00 - SMITH CENTER 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	JUDSON LARGE - NORTH JUDSON LARGE SUB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	PIONEER TAP - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	SPEARVILLE - JUDSON LARGE 230 KV CKT 1	6/1/2019	6/1/2019			\$ -	\$ -	\$ -
	STEELEC7 115.00 115KV Capacitor	6/1/2014	6/1/2014			\$ 28,558	\$ 607,500	\$ -
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1 Redispatch	12/1/2010	12/1/2010			\$ -	\$ -	\$ -
						\$ -	\$ -	\$ -
						\$ 356,324	\$ 5,799,273	\$ 105,528

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 Service Date	Redispatch Available
1568259	HOLCOMB - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		
	KELLY - SOUTH SENECA 115KV CKT 1	6/1/2010	12/1/2010		
	KINSLEY 115KV Capacitor	6/1/2010	6/1/2011		No
	PAWNEE 115KV Capacitor	6/1/2010	6/1/2011		No
	PIONEER TAP - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		

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

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 Service Date	Redispatch Available
1568259	991 TAP 69KV	12/1/2010	12/1/2010		
	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 2	6/1/2015	6/1/2015		
	CLEARWATER - GILL - GODDARD - EVANS ENERGY CENTER SOUTH 115 KV CKT 1	6/1/2010	6/1/2013		
	CLEARWATER - GILL ENERGY CENTER WEST 138KV CKT 1	6/1/2010	6/1/2013		
	COUNTY LINE - HOOK JCT 115KV CKT 1	6/1/2017	6/1/2017		
	EVANS ENERGY CENTER SOUTH - GODDARD4 138.00 - CLEARWATER 138KV CKT 1	6/1/2010	6/1/2012		
	FREMONT SUB A 69KV	12/1/2010	12/1/2010		
	FREMONT SUB B 69KV	12/1/2010	12/1/2010		
	FREMONT SUB C 69KV	12/1/2010	12/1/2010		
	FREMONT SUB D 69KV	12/1/2010	12/1/2010		
	FREMONT SUB E 69KV	12/1/2010	12/1/2010		
	FREMONT SUB F 69KV	12/1/2010	12/1/2010		
	FREMONT SUB G 69KV	12/1/2010	12/1/2010		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	GILL ENERGY CENTER EAST - GILLJCT2 69.000 69KV CKT 1	6/1/2014	6/1/2014		
	HEIZER - MULLERGRENN 115 KV CKT 1	6/1/2010	6/1/2011		
	HOOK JCT - TECUMSEH ENERGY CENTER 115KV CKT 1	6/1/2016	6/1/2016		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	PRATT - ST JOHN 115 KV CKT 1	6/1/2010	6/1/2013		
	SEWARD - ST JOHN 115KV CKT 1	6/1/2010	6/1/2013		
	SUB 976 69KV	12/1/2010	12/1/2010		
	SUB 991 69KV	12/1/2010	12/1/2010		
	SUB 992 69KV	12/1/2010	12/1/2010		
	SUB 993 69KV	6/1/2019	6/1/2019		
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1	12/1/2010	12/1/2010		
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2	6/1/2017	6/1/2017		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1568259	GILL ENERGY CENTER EAST - MACARTHUR 69KV CKT 1 Displacement	6/1/2014	6/1/2014		
	MACARTHUR - OATVILLE 69KV CKT 1 Displacement	6/1/2014	6/1/2014		
	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2010	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	6/1/2010	4/1/2011		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1568259	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	NORTHWEST - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

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

Customer Study Number
KEPC AG1-2009-055

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
KEPC	1568260	WR	WR	14	10/1/2009	10/1/2029	6/1/2013	6/1/2033	\$ 775,856	\$ -	\$ 775,856	\$ 215,061
									\$ 775,856	\$ -	\$ 775,856	\$ 215,061

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1568260	BEATRICE - HARBINE 115KV CKT 1	6/1/2019	6/1/2019			\$ 639,491	\$ 4,418,750	\$ -
	CIMARRON RIVER TAP - KISMET 3 115.00 115KV CKT 1	6/1/2019	6/1/2019			\$ -	\$ -	\$ -
	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC Displacement	6/1/2014	6/1/2014			\$ 4,236	\$ 112,056	\$ 14,369
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE Displacement	6/1/2014	6/1/2014			\$ 1,983	\$ 52,462	\$ 7,078
	CONCORDIA (CONCORDE) 230/115/13.8KV TRANSFORMER CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	CTU SUBLETTE - HASKELL 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CTU SUBLETTE - PIONEER TAP 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CUDAHY - JUDSON LARGE 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CUDAHY - KISMET 3 115.00 115KV CKT 1	6/1/2019	6/1/2019			\$ -	\$ -	\$ -
	EAST MANHATTAN - NWMANHT6 230.00 230KV CKT 1	6/1/2019	6/1/2019			\$ -	\$ -	\$ -
	FLETCHER - HOLCOMB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HARPER - MILAN TAP 138KV CKT 1	6/1/2014	6/1/2014			\$ -	\$ -	\$ -
	HASKELL - SEWARD-3 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	HOLCOMB - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HUNTSVILLE - HUTCHINSON ENERGY CENTER 115KV CKT 1 MIDW Displacement	6/1/2010	6/1/2014			\$ 67,503	\$ 608,505	\$ 193,614
	HUNTSVILLE - HUTCHINSON ENERGY CENTER 115KV CKT 1 WERE Displacement	6/1/2010	6/1/2014			\$ -	\$ -	\$ -
	IONIA 3 115.00 - JEWELL 3 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	IONIA 3 115.00 - SMITH CENTER 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	JUDSON LARGE - NORTH JUDSON LARGE SUB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	PIONEER TAP - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	SPEARVILLE - JUDSON LARGE 230 KV CKT 1	6/1/2019	6/1/2019			\$ -	\$ -	\$ -
	STEELEC7 115.00 115KV Capacitor	6/1/2014	6/1/2014			\$ 62,643	\$ 607,500	\$ -
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1 Redispatch	12/1/2010	12/1/2010			\$ -	\$ -	\$ -
						\$ -	\$ -	\$ -
						\$ 775,856	\$ 5,799,273	\$ 215,061

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 Service Date	Redispatch Available
1568260	HOLCOMB - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		
	KELLY - SOUTH SENECA 115KV CKT 1	6/1/2010	12/1/2010		
	KINSLEY 115KV Capacitor	6/1/2010	6/1/2011		No
	PAWNEE 115KV Capacitor	6/1/2010	6/1/2011		No
	PIONEER TAP - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		

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

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 Service Date	Redispatch Available
1568260	991 TAP 69KV				
	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 2	12/1/2010	12/1/2010		
	CLEARWATER - GILL - GODDARD - EVANS ENERGY CENTER SOUTH 115 KV CKT 1	6/1/2015	6/1/2015		
	CLEARWATER - GILL ENERGY CENTER WEST 138KV CKT 1	6/1/2010	6/1/2013		
	CLEARWATER - GILL ENERGY CENTER WEST 138KV CKT 1	6/1/2010	6/1/2013		
	COUNTY LINE - HOOK JCT 115KV CKT 1	6/1/2017	6/1/2017		
	EVANS ENERGY CENTER SOUTH - GODDARD4 138.00 - CLEARWATER 138KV CKT 1	6/1/2010	6/1/2012		
	FREMONT SUB A 69KV	12/1/2010	12/1/2010		
	FREMONT SUB B 69KV	12/1/2010	12/1/2010		
	FREMONT SUB C 69KV	12/1/2010	12/1/2010		
	FREMONT SUB D 69KV	12/1/2010	12/1/2010		
	FREMONT SUB E 69KV	12/1/2010	12/1/2010		
	FREMONT SUB F 69KV	12/1/2010	12/1/2010		
	FREMONT SUB G 69KV	12/1/2010	12/1/2010		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	GILL ENERGY CENTER EAST - GILLJCT2 69.000 69KV CKT 1	6/1/2014	6/1/2014		
	HEIZER - MULLERGREEN 115 KV CKT 1	6/1/2010	6/1/2011		Yes
	HOOK JCT - TECUMSEH ENERGY CENTER 115KV CKT 1	6/1/2016	6/1/2016		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	PRATT - ST JOHN 115 KV CKT 1	6/1/2010	6/1/2013		
	SEWARD - ST JOHN 115KV CKT 1	6/1/2010	6/1/2013		
	SUB 976 69KV	12/1/2010	12/1/2010		
	SUB 991 69KV	12/1/2010	12/1/2010		
	SUB 992 69KV	12/1/2010	12/1/2010		
	SUB 993 69KV	6/1/2019	6/1/2019		
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1	12/1/2010	12/1/2010		
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2	6/1/2017	6/1/2017		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1568260	GILL ENERGY CENTER EAST - MACARTHUR 69KV CKT 1 Displacement				
	MACARTHUR - OATVILLE 69KV CKT 1 Displacement	6/1/2014	6/1/2014		
	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2010	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	6/1/2010	4/1/2011		Yes

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1568260	HUGO POWER PLANT - VALLIANT 345 KV AEPW				
	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		
	NORTHWEST - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUB 110 - ORONOGO JCT. - SUB 167 - RIVERTON 161KV CKT 1	6/1/2011	6/1/2011		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		
	WOODWARD 345/138KV TRANSFORMER CKT 1	1/1/2010	1/1/2010		

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

Customer Study Number
KMEA AG1-2009-005

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KMEA	1541894	GRDA	SECI	3	8/1/2009	8/1/2027	6/1/2011	6/1/2029	\$ 48,481	\$ -	\$ 48,480	\$ 76,408
									\$ 48,481	\$ -	\$ 48,480	\$ 76,408

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1541894	BEATRICE - HARBINE 115KV CKT 1	6/1/2019	6/1/2019			\$ 18,973	\$ 4,418,750	\$ -
	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC Displacement	6/1/2014	6/1/2014			\$ 1,634	\$ 112,056	\$ 5,193
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE Displacement	6/1/2014	6/1/2014			\$ 765	\$ 52,462	\$ 2,581
	CONCORDIA (CONCORD6) 230/115/13.8KV TRANSFORMER CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	CTU SUBLETTE - HASKELL 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CTU SUBLETTE - PIONEER TAP 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	EAST MANHATTAN - NWMANHT6 230.00 230KV CKT 1	6/1/2019	6/1/2019			\$ -	\$ -	\$ -
	HARPER - MILAN TAP 138KV CKT 1	6/1/2014	6/1/2014			\$ -	\$ -	\$ -
	HASKELL - SEWARD-3 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	HOLCOMB - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HUNTSVILLE - HUTCHINSON ENERGY CENTER 115KV CKT 1 MIDW Displacement	6/1/2010	6/1/2014			\$ 25,351	\$ 608,505	\$ 68,634
	HUNTSVILLE - HUTCHINSON ENERGY CENTER 115KV CKT 1 WERE Displacement	6/1/2010	6/1/2014			\$ -	\$ -	\$ -
	IONIA 3 115.00 - JEWELL 3 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	IONIA 3 115.00 - SMITH CENTER 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	JUDSON LARGE - NORTH JUDSON LARGE SUB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	PIONEER TAP - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	SPEARVILLE - JUDSON LARGE 230 KV CKT 1	6/1/2019	6/1/2019			\$ -	\$ -	\$ -
	STEELEC7 115.00 115KV Capacitor	6/1/2014	6/1/2014			\$ 1,757	\$ 607,500	\$ -
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1 Redispatch	12/1/2010	12/1/2010			\$ -	\$ -	\$ -
Total						\$ 48,480	\$ 5,799,273	\$ 76,408

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 Service Date	Redispatch Available
1541894	HOLCOMB - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		
	KELLY - SOUTH SENECA 115KV CKT 1	6/1/2010	12/1/2010		
	KINSLEY 115KV Capacitor	6/1/2010	6/1/2011		
	Multi - Stateline - Joplin - Reinmiller conversion	6/1/2017	6/1/2017		
	PAWNEE 115KV Capacitor	6/1/2010	6/1/2011		
	PIONEER TAP - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		

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

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 Service Date	Redispatch Available
1541894	991 TAP 69KV	12/1/2010	12/1/2010		
	AFTON - FAIRLAND EDE TAP 69KV CKT 1	12/1/2014	12/1/2014		
	AFTON (AFTAUTO1) 161/69/13.8KV TRANSFORMER CKT 1	6/1/2010	6/1/2011		
	CLEARWATER - GILL - GODDARD - EVANS ENERGY CENTER SOUTH 115 KV CKT 1	6/1/2010	6/1/2013		
	CLEARWATER - GILL ENERGY CENTER WEST 138KV CKT 1	6/1/2010	6/1/2013		
	FREMONT SUB A 69KV	12/1/2010	12/1/2010		
	FREMONT SUB B 69KV	12/1/2010	12/1/2010		
	FREMONT SUB C 69KV	12/1/2010	12/1/2010		
	FREMONT SUB D 69KV	12/1/2010	12/1/2010		
	FREMONT SUB E 69KV	12/1/2010	12/1/2010		
	FREMONT SUB F 69KV	12/1/2010	12/1/2010		
	FREMONT SUB G 69KV	12/1/2010	12/1/2010		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	HEIZER - MULLERGREEN 115 KV CKT 1	6/1/2010	6/1/2011		
	Multi - Brookline - Summit 345 kv	6/1/2012	6/1/2014		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	PRATT - ST JOHN 115 KV CKT 1	6/1/2010	6/1/2013		
	PRYOR JUNCTION (PRY-JCT1) 115/69/13.8KV TRANSFORMER CKT 1	6/1/2015	6/1/2015		
	SEWARD - ST JOHN 115KV CKT 1	6/1/2010	6/1/2013		
	STROUD CITY 69KV	6/1/2010	6/1/2011		
	SUB 976 69KV	12/1/2010	12/1/2010		
	SUB 991 69KV	12/1/2010	12/1/2010		
	SUB 992 69KV	12/1/2010	12/1/2010		
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1	12/1/2010	12/1/2010		
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2	6/1/2017	6/1/2017		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1541894	BARTLESVILLE SOUTHEAST - NORTH BARTLESVILLE 138KV CKT 1	12/1/2010	6/1/2011		
	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2010	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	6/1/2010	4/1/2011		
	ROSE HILL (ROSEHL1X) 345/138/13.8KV TRANSFORMER CKT 3 Displacement	6/1/2010	6/1/2011		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1541894	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	NORTHWEST - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUB 110 - ORONOGO JCT. - SUB 167 - RIVERTON 161KV CKT 1	6/1/2011	6/1/2011		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

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

Customer Study Number
KMEA AG1-2009-050

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
KMEA	1568248	SECI	WR	2	1/1/2010	1/1/2015	6/1/2014	6/1/2019	\$ -	\$ 287,880	\$ -	\$ -
									\$ -	\$ 287,880	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1568248	BUSHLAND INTERCHANGE - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1 Redispatch	12/1/2010	12/1/2010			\$ -	\$ -	\$ -
	GIMARRON RIVER PLANT - HAYNE 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	CTU SUBLETTE - HASKELL 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CTU SUBLETTE - PIONEER TAP 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	FLETCHER - HOLCOMB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HASKELL - SEWARD-3 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	HAYNE - NORTH LIBERAL TAP 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HITCHLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1 Redispatch	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HOLCOMB - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	IONIA 3 115.00 - JEWELL 3 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	IONIA 3 115.00 - SMITH CENTER 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	PIONEER TAP - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
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 Service Date	Redispatch Available
1568248	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	6/1/2010	6/1/2012		
	EAST MANHATTAN - NW MANHATTAN 230/115KV	6/1/2010	12/1/2011		
	East Manhattan to McDowell 230 kv	6/1/2010	6/1/2012		
	HOLCOMB - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		
	KINSLEY 115KV Capacitor	6/1/2010	6/1/2011		
	PAWNEE 115KV Capacitor	6/1/2010	6/1/2011		
	PIONEER TAP - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		

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 Service Date	Redispatch Available
1568248	991 TAP 69KV	12/1/2010	12/1/2010		
	CLEARWATER - GILL ENERGY CENTER WEST 138KV CKT 1	6/1/2010	6/1/2013		
	ELECTRA SW 69KV CAP BANK	6/1/2015	6/1/2015		
	ELK CITY 69KV CAPACITOR	6/1/2010	6/1/2012		
	FREMONT SUB A 69KV	12/1/2010	12/1/2010		
	FREMONT SUB B 69KV	12/1/2010	12/1/2010		
	FREMONT SUB C 69KV	12/1/2010	12/1/2010		
	FREMONT SUB D 69KV	12/1/2010	12/1/2010		
	FREMONT SUB E 69KV	12/1/2010	12/1/2010		
	FREMONT SUB F 69KV	12/1/2010	12/1/2010		
	FREMONT SUB G 69KV	12/1/2010	12/1/2010		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	GYPNUM 69KV CAPACITOR	6/1/2015	6/1/2015		
	HEIZER - MULLERGREN 115 KV CKT 1	6/1/2010	6/1/2011		
	NICHOLS - RANDALL - AMARILLO SOUTH 230 KV CKT 1	6/1/2010	6/1/2013		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	RANDALL 230/115 KV TRANSFORMER CKT 2	6/1/2010	6/1/2013		
	SEWARD - ST JOHN 115KV CKT 1	6/1/2010	6/1/2013		
	SPSNORTH_STH	12/1/2010	12/1/2010		
	SUB 976 69KV	12/1/2010	12/1/2010		
	SUB 991 69KV	12/1/2010	12/1/2010		
	SUB 992 69KV	12/1/2010	12/1/2010		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

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

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1568248	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2010	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	6/1/2010	4/1/2011		
	ROSE HILL (ROSEHL1X) 345/138/13.8KV TRANSFORMER CKT 3 Displacement	6/1/2010	6/1/2011		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1568248	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	NORTHWEST - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

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

Customer Study Number
KMEA AG1-2009-056

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KMEA	1568267	SECI	SECI	13	5/1/2010	5/1/2015	6/1/2014	6/1/2019	\$ 46,635	-	\$ 46,636	\$ 119,210
KMEA	1568268	SECI	SECI	13	5/1/2010	5/1/2015	6/1/2013	6/1/2018	-	-	\$ 52,217	\$ 121,467
									\$ 46,635	\$ -	\$ 98,853	\$ 240,677

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1568267	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC Displacement	6/1/2014	6/1/2014			\$ 25,712	\$ 112,056	\$ 65,776
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE Displacement	6/1/2014	6/1/2014			\$ 12,038	\$ 52,462	\$ 33,614
	HARPER - MILAN TAP 138KV CKT 1	6/1/2014	6/1/2014			\$ -	\$ -	\$ -
	HARPER (HARPER 4) 138/34.5/8.66KV TRANSFORMER CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HITCHLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1 Redispatch	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HUNTSVILLE - HUTCHINSON ENERGY CENTER 115KV CKT 1 MIDW Displacement	6/1/2010	6/1/2014			\$ 8,886	\$ 608,505	\$ 19,820
	HUNTSVILLE - HUTCHINSON ENERGY CENTER 115KV CKT 1 WERE Displacement	6/1/2010	6/1/2014			\$ -	\$ -	\$ -
	JUDSON LARGE - NORTH JUDSON LARGE SUB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
Total						\$ 46,636	\$ 773,023	\$ 119,210
1568268	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC Displacement	6/1/2014	6/1/2014			\$ 26,056	\$ 112,056	\$ 60,900
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE Displacement	6/1/2014	6/1/2014			\$ 12,199	\$ 52,462	\$ 31,681
	CTU SUBLETTE - HASKELL 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CTU SUBLETTE - PIONEER TAP 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	HARPER - MILAN TAP 138KV CKT 1	6/1/2014	6/1/2014			\$ -	\$ -	\$ -
	HARPER (HARPER 4) 138/34.5/8.66KV TRANSFORMER CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HASKELL - SEWARD-3 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	HUNTSVILLE - HUTCHINSON ENERGY CENTER 115KV CKT 1 MIDW Displacement	6/1/2010	6/1/2014			\$ 13,962	\$ 608,505	\$ 28,886
	HUNTSVILLE - HUTCHINSON ENERGY CENTER 115KV CKT 1 WERE Displacement	6/1/2010	6/1/2014			\$ -	\$ -	\$ -
	JUDSON LARGE - NORTH JUDSON LARGE SUB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
Total						\$ 52,217	\$ 773,023	\$ 121,467

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 Service Date	Redispatch Available
1568267	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	6/1/2010	6/1/2012		
	EAST MANHATTAN - NW MANHATTAN 230/115KV	6/1/2010	12/1/2011		
	East Manhattan to Mcdowell 230 kV	6/1/2010	6/1/2012		
	KINSLEY 115KV Capacitor	6/1/2010	6/1/2011		
	PAWNEE 115KV Capacitor	6/1/2010	6/1/2011		
1568268	HOLCOMB - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		
	KINSLEY 115KV Capacitor	6/1/2010	6/1/2011		
	PAWNEE 115KV Capacitor	6/1/2010	6/1/2011		
	PIONEER TAP - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		

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

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 Service Date	Redispatch Available
1568267	CLEARWATER - GILL - GODDARD - EVANS ENERGY CENTER SOUTH 115 KV CKT 1	6/1/2010	6/1/2013		
	CLEARWATER - GILL ENERGY CENTER WEST 138KV CKT 1	6/1/2010	6/1/2013		
	ELECTRA SW 69KV CAP BANK	6/1/2015	6/1/2015		
	ELK CITY 69KV CAPACITOR	6/1/2010	6/1/2012		
	EVANS ENERGY CENTER SOUTH - GODDARD4 138.00 - CLEARWATER 138KV CKT 1	6/1/2010	6/1/2012		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	GYPNUM 69KV CAPACITOR	6/1/2015	6/1/2015		
	NICHOLS - RANDALL - AMARILLO SOUTH 230 KV CKT 1	6/1/2010	6/1/2013		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	PRATT - ST JOHN 115 KV CKT 1	6/1/2010	6/1/2013		
	RANDALL 230/115 KV TRANSFORMER CKT 2	6/1/2010	6/1/2013		
	SEWARD - ST JOHN 115KV CKT 1	6/1/2010	6/1/2013		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		
	1568268	CLEARWATER - GILL - GODDARD - EVANS ENERGY CENTER SOUTH 115 KV CKT 1	6/1/2010	6/1/2013	
CLEARWATER - GILL ENERGY CENTER WEST 138KV CKT 1		6/1/2010	6/1/2013		
ELECTRA SW 69KV CAP BANK		6/1/2015	6/1/2015		
ELK CITY 69KV CAPACITOR		6/1/2010	6/1/2012		
EVANS ENERGY CENTER SOUTH - GODDARD4 138.00 - CLEARWATER 138KV CKT 1		6/1/2010	6/1/2012		
FRIO-DRAW - POTTER 345 KV		6/1/2013	6/1/2013		
GYPNUM 69KV CAPACITOR		6/1/2015	6/1/2015		
POTTER - ANADARKO 345 KV		6/1/2011	6/1/2014		
PRATT - ST JOHN 115 KV CKT 1		6/1/2010	6/1/2013		
SEWARD - ST JOHN 115KV CKT 1		6/1/2010	6/1/2013		
WHEELER 230 KV CAPACITOR		6/1/2017	6/1/2017		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1568267	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2010	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	6/1/2010	4/1/2011		
1568268	ROSE HILL (ROSEHL1X) 345/138/13.8KV TRANSFORMER CKT 3 Displacement	6/1/2010	6/1/2011		
	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2010	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	6/1/2010	4/1/2011		
	ROSE HILL (ROSEHL1X) 345/138/13.8KV TRANSFORMER CKT 3 Displacement	6/1/2010	6/1/2011		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1568267	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
1568268	WICHITA - RENO 345KV	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

*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 AG3-2008-023

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KMEA	1518798	MPS	KCPL	7	5/1/2009	5/1/2014	1/1/2010	1/1/2015	\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1518798	None					\$ -	\$ -	\$ -
					Total	\$ -	\$ -	\$ -

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518798	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		

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

Customer Study Number
KMEA AG3-2008-024

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	1518800	SECI	KCPL	7	5/1/2009	5/1/2014	6/1/2014	6/1/2019	\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1518800	BUSHLAND INTERCHANGE - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1 Redispatch	12/1/2010	12/1/2010			\$ -	\$ -	\$ -
	GIMARRON RIVER PLANT - HAYNE 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	CTU SUBLETTE - HASKELL 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CTU SUBLETTE - PIONEER TAP 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	FLETCHER - HOLCOMB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HASKELL - SEWARD-3 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	HAYNE - NORTH LIBERAL TAP 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HITCHLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1 Redispatch	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HOLCOMB - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	IONIA 3 115.00 - JEWELL 3 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	IONIA 3 115.00 - SMITH CENTER 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	NASHUA - SMITHVILLE 161KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	PIONEER TAP - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	PLATTE CITY - SMITHVILLE 161KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
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 Service Date	Redispatch Available
1518800	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	6/1/2010	6/1/2012		
	EAST MANHATTAN - NW MANHATTAN 230/115KV	6/1/2010	12/1/2011		
	East Manhattan to McDowell 230 KV	6/1/2010	6/1/2012		
	HOLCOMB - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		
	KINSLEY 115KV Capacitor	6/1/2010	6/1/2011		
	Multi - Stateline - Joplin - Reinmiller conversion	6/1/2017	6/1/2017		
	PAWNEE 115KV Capacitor	6/1/2010	6/1/2011		
	PIONEER TAP - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		

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 Service Date	Redispatch Available
1518800	991 TAP 69KV	12/1/2010	12/1/2010		
	ELECTRA SW 69KV CAP BANK	6/1/2015	6/1/2015		
	ELK CITY 69KV CAPACITOR	6/1/2010	6/1/2012		
	FREMONT SUB A 69KV	12/1/2010	12/1/2010		
	FREMONT SUB B 69KV	12/1/2010	12/1/2010		
	FREMONT SUB C 69KV	12/1/2010	12/1/2010		
	FREMONT SUB D 69KV	12/1/2010	12/1/2010		
	FREMONT SUB E 69KV	12/1/2010	12/1/2010		
	FREMONT SUB F 69KV	12/1/2010	12/1/2010		
	FREMONT SUB G 69KV	12/1/2010	12/1/2010		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	GYPNUM 69KV CAPACITOR	6/1/2015	6/1/2015		
	HEIZER - MULLERGREN 115 KV CKT 1	6/1/2010	6/1/2011		
	NICHOLS - RANDALL - AMARILLO SOUTH 230 KV CKT 1	6/1/2010	6/1/2013		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	RANDALL 230/115 KV TRANSFORMER CKT 2	6/1/2010	6/1/2013		
	SEWARD - ST JOHN 115KV CKT 1	6/1/2010	6/1/2013		
	SPSNORTH_STH	12/1/2010	12/1/2010		
	SUB 976 69KV	12/1/2010	12/1/2010		
	SUB 991 69KV	12/1/2010	12/1/2010		
	SUB 992 69KV	12/1/2010	12/1/2010		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

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

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518800	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2010	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	6/1/2010	4/1/2011		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518800	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	NORTHWEST - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

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

Customer Study Number
KMEA AG3-2008-025

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KMEA	1518801	NPPD	KCPL	7	5/1/2009	5/1/2014	6/1/2014	6/1/2019	\$ -	\$ -	\$ 7,697	\$ -
									\$ -	\$ -	\$ 7,697	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1518801	CANADAY - LEXINGTON 115KV CKT 1	12/1/2010	12/1/2010			\$ -	\$ -	\$ -
	HITCHLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1 Redispatch	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	NASHUA - SMITHVILLE 161KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	PLATTE CITY - SMITHVILLE 161KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	STEELEC7 115.00 115KV Capacitor	6/1/2014	6/1/2014			\$ 7,697	\$ 607,500	\$ -
	Total					\$ 7,697	\$ 607,500	\$ -

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 Service Date	Redispatch Available
1518801	991 TAP 69KV	12/1/2010	12/1/2010		
	ELECTRA SW 69KV CAP BANK	6/1/2015	6/1/2015		
	ELK CITY 69KV CAPACITOR	6/1/2010	6/1/2012		
	FREMONT SUB A 69KV	12/1/2010	12/1/2010		
	FREMONT SUB B 69KV	12/1/2010	12/1/2010		
	FREMONT SUB C 69KV	12/1/2010	12/1/2010		
	FREMONT SUB D 69KV	12/1/2010	12/1/2010		
	FREMONT SUB E 69KV	12/1/2010	12/1/2010		
	FREMONT SUB F 69KV	12/1/2010	12/1/2010		
	FREMONT SUB G 69KV	12/1/2010	12/1/2010		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	GYP SUM 69KV CAPACITOR	6/1/2015	6/1/2015		
	NICHOLS - RANDALL - AMARILLO SOUTH 230 KV CKT 1	6/1/2010	6/1/2013		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	RANDALL 230/115 KV TRANSFORMER CKT 2	6/1/2010	6/1/2013		
	SPSNORTH_STH	12/1/2010	12/1/2010		
	SUB 976 69KV	12/1/2010	12/1/2010		
	SUB 991 69KV	12/1/2010	12/1/2010		
	SUB 992 69KV	12/1/2010	12/1/2010		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518801	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1518801	7PALMYRA 345.00 345/161KV TRANSFORMER CKT 1	6/1/2015	6/1/2015			\$ -	\$ -
	Total					\$ -	\$ -

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

Customer Study Number
KMEA AG3-2008-026

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
KMEA	1518804	SECI	SECI	1	5/1/2009	5/1/2014	6/1/2014	6/1/2019	\$ -	\$ 266,100	\$ -	\$ -
									\$ -	\$ 266,100	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1518804	CIMARRON RIVER PLANT - HAYNE 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	FLETCHER - HOLCOMB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HAYNE - NORTH LIBERAL TAP 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HITCHLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1 Redispatch	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HOLCOMB - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	IONIA 3 115.00 - JEWELL 3 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	IONIA 3 115.00 - SMITH CENTER 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	PIONEER TAP - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
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 Service Date	Redispatch Available
1518804	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	6/1/2010	6/1/2012		
	EAST MANHATTAN - NW MANHATTAN 230/115KV	6/1/2010	12/1/2011		
	East Manhattan to McDowell 230 KV	6/1/2010	6/1/2012		
	HOLCOMB - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		
	PIONEER TAP - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		

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 Service Date	Redispatch Available
1518804	CLEARWATER - GILL ENERGY CENTER WEST 138KV CKT 1	6/1/2010	6/1/2013		
	ELECTRA SW 69KV CAP BANK	6/1/2015	6/1/2015		
	ELK CITY 69KV CAPACITOR	6/1/2010	6/1/2012		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	GYP SUM 69KV CAPACITOR	6/1/2015	6/1/2015		
	HEIZER - MULLERGRN 115 KV CKT 1	6/1/2010	6/1/2011		
	NICHOLS - RANDALL - AMARILLO SOUTH 230 KV CKT 1	6/1/2010	6/1/2013		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	RANDALL 230/115 KV TRANSFORMER CKT 2	6/1/2010	6/1/2013		
	SEWARD - ST JOHN 115KV CKT 1	6/1/2010	6/1/2013		
	SPSNORTH_STH	12/1/2010	12/1/2010		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518804	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2010	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	6/1/2010	4/1/2011		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518804	NORTHWEST - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

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

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518805	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2010	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	6/1/2010	4/1/2011		
	ROSE HILL (ROSEHL1X) 345/138/13.8KV TRANSFORMER CKT 3 Displacement	6/1/2010	6/1/2011		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518805	NORTHWEST - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

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

Customer Study Number
KMEA AG3-2008-028

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KMEA	1518806	NPPD	SECI	1	5/1/2009	5/1/2014	6/1/2011	6/1/2016	\$ -	\$ 266,100	\$ 3,890	\$ 4,280
									\$ -	\$ 266,100	\$ 3,890	\$ 4,280

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1518806	CANADAY - LEXINGTON 115KV CKT 1	12/1/2010	12/1/2010			\$ -	\$ -	\$ -
	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC Displacement	6/1/2014	6/1/2014			\$ 154	\$ 112,056	\$ 301
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE Displacement	6/1/2014	6/1/2014			\$ 72	\$ 52,462	\$ 162
	CONCORDIA (CONCORDE) 230/115/13.8KV TRANSFORMER CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	CTU SUBLETTE - HASKELL 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CTU SUBLETTE - PIONEER TAP 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CUDAHY - JUDSON LARGE 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	FLETCHER - HOLCOMB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HARPER - MILAN TAP 138KV CKT 1	6/1/2014	6/1/2014			\$ -	\$ -	\$ -
	HASKELL - SEWARD-3 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	HOLCOMB - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HUNTSVILLE - HUTCHINSON ENERGY CENTER 115KV CKT 1 MIDW Displacement	6/1/2010	6/1/2014			\$ 2,145	\$ 608,505	\$ 3,817
	HUNTSVILLE - HUTCHINSON ENERGY CENTER 115KV CKT 1 WERE Displacement	6/1/2010	6/1/2014			\$ -	\$ -	\$ -
	IONIA 3 115.00 - JEWELL 3 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	IONIA 3 115.00 - SMITH CENTER 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	JUDSON LARGE - NORTH JUDSON LARGE SUB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	PIONEER TAP - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	STEELEC7 115.00 115KV Capacitor	6/1/2014	6/1/2014			\$ 1,519	\$ 607,500	\$ -
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1 Redispatch	12/1/2010	12/1/2010			\$ -	\$ -	\$ -
						\$ 3,890	\$ 1,380,523	\$ 4,280

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 Service Date	Redispatch Available
1518806	HOLCOMB - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		
	KELLY - SOUTH SENECA 115KV CKT 1	6/1/2010	12/1/2010		
	KINSLEY 115KV Capacitor	6/1/2010	6/1/2011		
	PAWNEE 115KV Capacitor	6/1/2010	6/1/2011		
	PIONEER TAP - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		

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 Service Date	Redispatch Available
1518806	991 TAP 69KV	12/1/2010	12/1/2010		
	CLEARWATER - GILL - GODDARD - EVANS ENERGY CENTER SOUTH 115 KV CKT 1	6/1/2010	6/1/2013		
	CLEARWATER - GILL ENERGY CENTER WEST 138KV CKT 1	6/1/2010	6/1/2013		
	FREMONT SUB A 69KV	12/1/2010	12/1/2010		
	FREMONT SUB B 69KV	12/1/2010	12/1/2010		
	FREMONT SUB C 69KV	12/1/2010	12/1/2010		
	FREMONT SUB D 69KV	12/1/2010	12/1/2010		
	FREMONT SUB E 69KV	12/1/2010	12/1/2010		
	FREMONT SUB F 69KV	12/1/2010	12/1/2010		
	FREMONT SUB G 69KV	12/1/2010	12/1/2010		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	HEIZER - MULLERGREN 115 KV CKT 1	6/1/2010	6/1/2011		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	PRATT - ST JOHN 115 KV CKT 1	6/1/2010	6/1/2013		
	SEWARD - ST JOHN 115KV CKT 1	6/1/2010	6/1/2013		
	SUB 976 69KV	12/1/2010	12/1/2010		
	SUB 991 69KV	12/1/2010	12/1/2010		
	SUB 992 69KV	12/1/2010	12/1/2010		
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1	12/1/2010	12/1/2010		

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

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518806	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2010	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	6/1/2010	4/1/2011		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518806	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

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

Customer Study Number
KMEA AG3-2008-029

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
KMEA	1518829	SECI	SECI	1	5/1/2010	5/1/2015	6/1/2014	6/1/2019	\$ 9,210	\$ -	\$ 9,210	\$ 19,691
									\$ 9,210	\$ -	\$ 9,210	\$ 19,691

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1518829	CIMARRON RIVER PLANT - HAYNE 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC Displacement	6/1/2014	6/1/2014			\$ 496	\$ 112,056	\$ 1,269
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE Displacement	6/1/2014	6/1/2014			\$ 232	\$ 52,462	\$ 648
	CONCORDIA (CONCORD6) 230/115/13.8KV TRANSFORMER CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	CTU SUBLETTE - HASKELL 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CTU SUBLETTE - PIONEER TAP 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	FLETCHER - HOLCOMB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HARPER - MILAN TAP 138KV CKT 1	6/1/2014	6/1/2014			\$ -	\$ -	\$ -
	HASKELL - SEWARD-3 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	HAYNE - NORTH LIBERAL TAP 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HITCHLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1 Redispatch	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HOLCOMB - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HUNTSVILLE - HUTCHINSON ENERGY CENTER 115KV CKT 1 MIDW Displacement	6/1/2010	6/1/2014			\$ 7,968	\$ 608,505	\$ 17,774
	HUNTSVILLE - HUTCHINSON ENERGY CENTER 115KV CKT 1 WERE Displacement	6/1/2010	6/1/2014			\$ -	\$ -	\$ -
	IONIA 3 115.00 - JEWELL 3 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	IONIA 3 115.00 - SMITH CENTER 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	JUDSON LARGE - NORTH JUDSON LARGE SUB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	PIONEER TAP - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	STEELECT 115.00 115KV Capacitor	6/1/2014	6/1/2014			\$ 514	\$ 607,500	\$ -
	TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
Total						\$ 9,210	\$ 1,380,523	\$ 19,691

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 Service Date	Redispatch Available
1518829	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	6/1/2010	6/1/2012		
	EAST MANHATTAN - NW MANHATTAN 230/115KV	6/1/2010	12/1/2011		
	East Manhattan to Mcdowell 230 kv	6/1/2010	6/1/2012		
	HOLCOMB - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		
	KELLY - SOUTH SENECA 115KV CKT 1	6/1/2010	12/1/2010		
	KINSLEY 115KV Capacitor	6/1/2010	6/1/2011		
	PAWNEE 115KV Capacitor	6/1/2010	6/1/2011		
	PIONEER TAP - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		

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 Service Date	Redispatch Available
1518829	CLEARWATER - GILL - GODDARD - EVANS ENERGY CENTER SOUTH 115 KV CKT 1	6/1/2010	6/1/2013		
	CLEARWATER - GILL ENERGY CENTER WEST 138KV CKT 1	6/1/2010	6/1/2013		
	ELECTRA SW 69KV CAP BANK	6/1/2015	6/1/2015		
	ELK CITY 69KV CAPACITOR	6/1/2010	6/1/2012		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	GYPSUM 69KV CAPACITOR	6/1/2015	6/1/2015		
	HEIZER - MULLERGRN 115 KV CKT 1	6/1/2010	6/1/2011		
	NICHOLS - RANDALL - AMARILLO SOUTH 230 KV CKT 1	6/1/2010	6/1/2013		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	PRATT - ST JOHN 115 KV CKT 1	6/1/2010	6/1/2013		
	RANDALL 230/115 KV TRANSFORMER CKT 2	6/1/2010	6/1/2013		
	SEWARD - ST JOHN 115KV CKT 1	6/1/2010	6/1/2013		
	SPSNORTH_STH	12/1/2010	12/1/2010		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

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

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518829	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2010	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	6/1/2010	4/1/2011		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518829	NORTHWEST - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

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

Customer Study Number
KMEA AG3-2008-030

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
KMEA	1518831	NPPD	SECI	1	5/1/2010	5/1/2015	6/1/2011	6/1/2016	\$ 12,873	\$ -	\$ 12,873	\$ 20,437
									\$ 12,873	\$ -	\$ 12,873	\$ 20,437

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1518831	CANADAY - LEXINGTON 115KV CKT 1	12/1/2010	12/1/2010			\$ -	\$ -	\$ -
	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC Displacement	6/1/2014	6/1/2014			\$ 673	\$ 112,056	\$ 1,311
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE Displacement	6/1/2014	6/1/2014			\$ 315	\$ 52,462	\$ 707
	CONCORDIA (CONCORDE) 230/115/13.8KV TRANSFORMER CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	CTU SUBLETTE - HASKELL 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CTU SUBLETTE - PIONEER TAP 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	FLETCHER - HOLCOMB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HARPER - MILAN TAP 138KV CKT 1	6/1/2014	6/1/2014			\$ -	\$ -	\$ -
	HASKELL - SEWARD-3 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	HOLCOMB - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HUNTSVILLE - HUTCHINSON ENERGY CENTER 115KV CKT 1 MIDW Displacement	6/1/2010	6/1/2014			\$ 10,353	\$ 608,505	\$ 18,419
	HUNTSVILLE - HUTCHINSON ENERGY CENTER 115KV CKT 1 WERE Displacement	6/1/2010	6/1/2014			\$ -	\$ -	\$ -
	IONIA 3 115.00 - JEWELL 3 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	IONIA 3 115.00 - SMITH CENTER 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	JUDSON LARGE - NORTH JUDSON LARGE SUB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	PIONEER TAP - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	STEELEC7 115.00 115KV Capacitor	6/1/2014	6/1/2014			\$ 1,532	\$ 607,500	\$ -
Total						\$ 12,873	\$ 1,380,523	\$ 20,437

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 Service Date	Redispatch Available
1518831	HOLCOMB - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		
	KELLY - SOUTH SENECA 115KV CKT 1	6/1/2010	12/1/2010		
	KINSLEY 115KV Capacitor	6/1/2010	6/1/2011		
	PAWNEE 115KV Capacitor	6/1/2010	6/1/2011		
	PIONEER TAP - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		

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 Service Date	Redispatch Available
1518831	991 TAP 69KV	12/1/2010	12/1/2010		
	CLEARWATER - GILL - GODDARD - EVANS ENERGY CENTER SOUTH 115 KV CKT 1	6/1/2010	6/1/2013		
	CLEARWATER - GILL ENERGY CENTER WEST 138KV CKT 1	6/1/2010	6/1/2013		
	FREMONT SUB A 69KV	12/1/2010	12/1/2010		
	FREMONT SUB B 69KV	12/1/2010	12/1/2010		
	FREMONT SUB C 69KV	12/1/2010	12/1/2010		
	FREMONT SUB D 69KV	12/1/2010	12/1/2010		
	FREMONT SUB E 69KV	12/1/2010	12/1/2010		
	FREMONT SUB F 69KV	12/1/2010	12/1/2010		
	FREMONT SUB G 69KV	12/1/2010	12/1/2010		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	HEIZER - MULLERGREIN 115 KV CKT 1	6/1/2010	6/1/2011		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	PRATT - ST JOHN 115 KV CKT 1	6/1/2010	6/1/2013		
	SEWARD - ST JOHN 115KV CKT 1	6/1/2010	6/1/2013		
	SUB 976 69KV	12/1/2010	12/1/2010		
	SUB 991 69KV	12/1/2010	12/1/2010		
	SUB 992 69KV	12/1/2010	12/1/2010		
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1	12/1/2010	12/1/2010		

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

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518831	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2010	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	6/1/2010	4/1/2011		
	ROSE HILL (ROSEHL1X) 345/138/13.8KV TRANSFORMER CKT 3 Displacement	6/1/2010	6/1/2011		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518831	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

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

Customer Study Number
KMEA AG3-2008-031

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
KMEA	1518834	SECI	WR	1	5/1/2010	5/1/2015	6/1/2014	6/1/2019	\$ -	\$ 143,940	\$ 498	\$ -
									\$ -	\$ 143,940	\$ 498	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1518834	BUSHLAND INTERCHANGE - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1 Redispatch	12/1/2010	12/1/2010			\$ -	\$ -	\$ -
	CIMARRON RIVER PLANT - HAYNE 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	CTU SUBLETTE - HASKELL 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CTU SUBLETTE - PIONEER TAP 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	FLETCHER - HOLCOMB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HASKELL - SEWARD-3 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	HAYNE - NORTH LIBERAL TAP 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HITCHLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1 Redispatch	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HOLCOMB - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	IONIA 3 115.00 - JEWELL 3 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	IONIA 3 115.00 - SMITH CENTER 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	PIONEER TAP - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	STEELEC7 115.00 115KV Capacitor	6/1/2014	6/1/2014			\$ 498	\$ 607,500	\$ -
	TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
					Total	\$ 498	\$ 607,500	\$ -

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 Service Date	Redispatch Available
1518834	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	6/1/2010	6/1/2012		
	EAST MANHATTAN - NW MANHATTAN 230/115KV	6/1/2010	12/1/2011		
	East Manhattan to Mcdowell 230 kv	6/1/2010	6/1/2012		
	HOLCOMB - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		
	KINSLEY 115KV Capacitor	6/1/2010	6/1/2011		
	PAWNEE 115KV Capacitor	6/1/2010	6/1/2011		
	PIONEER TAP - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		

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

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 Service Date	Redispatch Available
1518834	991 TAP 69KV	12/1/2010	12/1/2010		
	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 2	6/1/2015	6/1/2015		
	CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1	12/1/2011	12/1/2011		
	CLEARWATER - GILL ENERGY CENTER WEST 138KV CKT 1	6/1/2010	6/1/2013		
	ELECTRA SW 69KV CAP BANK	6/1/2015	6/1/2015		
	ELK CITY 69KV CAPACITOR	6/1/2010	6/1/2012		
	EVANS ENERGY CENTER SOUTH - GODDARD4 138.00 - CLEARWATER 138KV CKT 1	6/1/2010	6/1/2012		
	FREMONT SUB A 69KV	12/1/2010	12/1/2010		
	FREMONT SUB B 69KV	12/1/2010	12/1/2010		
	FREMONT SUB C 69KV	12/1/2010	12/1/2010		
	FREMONT SUB D 69KV	12/1/2010	12/1/2010		
	FREMONT SUB E 69KV	12/1/2010	12/1/2010		
	FREMONT SUB F 69KV	12/1/2010	12/1/2010		
	FREMONT SUB G 69KV	12/1/2010	12/1/2010		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	GYP SUM 69KV CAPACITOR	6/1/2015	6/1/2015		
	HEIZER - MULLERGREEN 115 KV CKT 1	6/1/2010	6/1/2011		
	NICHOLS - RANDALL - AMARILLO SOUTH 230 KV CKT 1	6/1/2010	6/1/2013		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	RANDALL 230/115 KV TRANSFORMER CKT 2	6/1/2010	6/1/2013		
	SEWARD - ST JOHN 115KV CKT 1	6/1/2010	6/1/2013		
	SOUTH COFFEYVILLE CITY 138KV CAP BANK	6/1/2011	6/1/2011		
	SPSNORTH_STH	12/1/2010	12/1/2010		
	SUB 976 69KV	12/1/2010	12/1/2010		
	SUB 991 69KV	12/1/2010	12/1/2010		
	SUB 992 69KV	12/1/2010	12/1/2010		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

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

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518834	BARTLESVILLE SOUTHEAST - NORTH BARTLESVILLE 138KV CKT 1	12/1/2010	6/1/2011		
	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	6/1/2011	7/1/2013		
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	6/1/2011	1/1/2013		
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	6/1/2011	4/1/2014		
	LEHIGH TAP - OWL CREEK 69KV CKT 1	6/1/2011	12/1/2011		
	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2010	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	6/1/2010	4/1/2011		
	NEOSHO - NORTHEAST PARSONS 138KV CKT 1	6/1/2010	6/1/2011		
	ROSE HILL (ROSEHL1X) 345/138/13.8KV TRANSFORMER CKT 3 Displacement	6/1/2010	6/1/2011		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518834	NORTHWEST - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

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

Customer Study Number
KMEA AG3-2008-032

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
KMEA	1518835	NPPD	WR	1	5/1/2010	5/1/2015	6/1/2014	6/1/2019	\$ -	\$ 143,940	\$ 1,333	\$ -
									\$ -	\$ 143,940	\$ 1,333	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1518835	CANADAY - LEXINGTON 115KV CKT 1	12/1/2010	12/1/2010			\$ -	\$ -	\$ -
	HITCHLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1 Redispatch	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	STEELEC7 115.00 115KV Capacitor	6/1/2014	6/1/2014			\$ 1,333	\$ 607,500	\$ -
Total						\$ 1,333	\$ 607,500	\$ -

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 Service Date	Redispatch Available
1518835	991 TAP 69KV	12/1/2010	12/1/2010		
	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 2	6/1/2015	6/1/2015		
	CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1	12/1/2011	12/1/2011		
	CLEARWATER - GILL ENERGY CENTER WEST 138KV CKT 1	6/1/2010	6/1/2013		
	ELECTRA SW 69KV CAP BANK	6/1/2015	6/1/2015		
	ELK CITY 69KV CAPACITOR	6/1/2010	6/1/2012		
	EVANS ENERGY CENTER SOUTH - GODDARD4 138.00 - CLEARWATER 138KV CKT 1	6/1/2010	6/1/2012		
	FREMONT SUB A 69KV	12/1/2010	12/1/2010		
	FREMONT SUB B 69KV	12/1/2010	12/1/2010		
	FREMONT SUB C 69KV	12/1/2010	12/1/2010		
	FREMONT SUB D 69KV	12/1/2010	12/1/2010		
	FREMONT SUB E 69KV	12/1/2010	12/1/2010		
	FREMONT SUB F 69KV	12/1/2010	12/1/2010		
	FREMONT SUB G 69KV	12/1/2010	12/1/2010		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	GYP SUM 69KV CAPACITOR	6/1/2015	6/1/2015		
	HEIZER - MULLERGREEN 115 KV CKT 1	6/1/2010	6/1/2011		
	NICHOLS - RANDALL - AMARILLO SOUTH 230 KV CKT 1	6/1/2010	6/1/2013		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	RANDALL 230/115 KV TRANSFORMER CKT 2	6/1/2010	6/1/2013		
	SEWARD - ST JOHN 115KV CKT 1	6/1/2010	6/1/2013		
	SOUTH COFFEYVILLE CITY 138KV CAP BANK	6/1/2011	6/1/2011		
	SPSNORTH_STH	12/1/2010	12/1/2010		
	SUB 976 69KV	12/1/2010	12/1/2010		
	SUB 991 69KV	12/1/2010	12/1/2010		
	SUB 992 69KV	12/1/2010	12/1/2010		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518835	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	6/1/2011	7/1/2013		
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	6/1/2011	1/1/2013		
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	6/1/2011	4/1/2014		
	LEHIGH TAP - OWL CREEK 69KV CKT 1	6/1/2011	12/1/2011		
	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2010	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	6/1/2010	4/1/2011		
	NEOSHO - NORTHEAST PARSONS 138KV CKT 1	6/1/2010	6/1/2011		
	ROSE HILL (ROSEHLIX) 345/138/13.8KV TRANSFORMER CKT 3 Displacement	6/1/2010	6/1/2011		

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 directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518835	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1518835	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 SWPA	6/1/2010	6/1/2010			\$ -	\$ -
	RUSSELLVILLE EAST - RUSSELLVILLE SOUTH 161KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -
					Total	\$ -	\$ -

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

Customer Study Number
KMEA AG3-2008-033

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KMEA	1518838	NPPD	WR	1	5/1/2010	5/1/2015	6/1/2014	6/1/2019	\$ -	\$ 143,940	\$ 1,333	\$ -
									\$ -	\$ 143,940	\$ 1,333	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1518838	CANADAY - LEXINGTON 115KV CKT 1	12/1/2010	12/1/2010			\$ -	\$ -	\$ -
	HITCHLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1 Redispatch	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	STEELEC7 115.00 115KV Capacitor	6/1/2014	6/1/2014			\$ 1,333	\$ 607,500	\$ -
Total						\$ 1,333	\$ 607,500	\$ -

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 Service Date	Redispatch Available
1518838	991 TAP 69KV	12/1/2010	12/1/2010		
	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 2	6/1/2015	6/1/2015		
	CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1	12/1/2011	12/1/2011		
	CLEARWATER - GILL ENERGY CENTER WEST 138KV CKT 1	6/1/2010	6/1/2013		
	ELECTRA SW 69KV CAP BANK	6/1/2015	6/1/2015		
	ELK CITY 69KV CAPACITOR	6/1/2010	6/1/2012		
	EVANS ENERGY CENTER SOUTH - GODDARD4 138.00 - CLEARWATER 138KV CKT 1	6/1/2010	6/1/2012		
	FREMONT SUB A 69KV	12/1/2010	12/1/2010		
	FREMONT SUB B 69KV	12/1/2010	12/1/2010		
	FREMONT SUB C 69KV	12/1/2010	12/1/2010		
	FREMONT SUB D 69KV	12/1/2010	12/1/2010		
	FREMONT SUB E 69KV	12/1/2010	12/1/2010		
	FREMONT SUB F 69KV	12/1/2010	12/1/2010		
	FREMONT SUB G 69KV	12/1/2010	12/1/2010		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	GYP SUM 69KV CAPACITOR	6/1/2015	6/1/2015		
	HEIZER - MULLERGREEN 115 KV CKT 1	6/1/2010	6/1/2011		
	NICHOLS - RANDALL - AMARILLO SOUTH 230 KV CKT 1	6/1/2010	6/1/2013		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	RANDALL 230/115 KV TRANSFORMER CKT 2	6/1/2010	6/1/2013		
	SEWARD - ST JOHN 115KV CKT 1	6/1/2010	6/1/2013		
	SOUTH COFFEYVILLE CITY 138KV CAP BANK	6/1/2011	6/1/2011		
	SPSNORTH_STH	12/1/2010	12/1/2010		
	SUB 976 69KV	12/1/2010	12/1/2010		
	SUB 991 69KV	12/1/2010	12/1/2010		
	SUB 992 69KV	12/1/2010	12/1/2010		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518838	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	6/1/2011	7/1/2013		
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	6/1/2011	1/1/2013		
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	6/1/2011	4/1/2014		
	LEHIGH TAP - OWL CREEK 69KV CKT 1	6/1/2011	12/1/2011		
	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2010	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	6/1/2010	4/1/2011		
	NEOSHO - NORTHEAST PARSONS 138KV CKT 1	6/1/2010	6/1/2011		
	ROSE HILL (ROSEHLIX) 345/138/13.8KV TRANSFORMER CKT 3 Displacement	6/1/2010	6/1/2011		

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 directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518838	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1518838	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 SWPA	6/1/2010	6/1/2010			\$ -	\$ -
	RUSSELLVILLE EAST - RUSSELLVILLE SOUTH 161KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -
					Total	\$ -	\$ -

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

Customer Study Number
KMEA AG3-2008-034

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KMEA	1518839	SECI	WR	1	5/1/2010	5/1/2015	6/1/2014	6/1/2019	\$ -	\$ 143,940	\$ 498	\$ -
									\$ -	\$ 143,940	\$ 498	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1518839	BUSHLAND INTERCHANGE - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1 Redispatch	12/1/2010	12/1/2010			\$ -	\$ -	\$ -
	CIMARRON RIVER PLANT - HAYNE 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	CTU SUBLETTE - HASKELL 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CTU SUBLETTE - PIONEER TAP 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	FLETCHER - HOLCOMB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HASKELL - SEWARD-3 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	HAYNE - NORTH LIBERAL TAP 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HITCHLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1 Redispatch	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HOLCOMB - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	IONIA 3 115.00 - JEWELL 3 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	IONIA 3 115.00 - SMITH CENTER 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	PIONEER TAP - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	STEELEC7 115.00 115KV Capacitor	6/1/2014	6/1/2014			\$ 498	\$ 607,500	\$ -
	TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
					Total	\$ 498	\$ 607,500	\$ -

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 Service Date	Redispatch Available
1518839	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	6/1/2010	6/1/2012		
	EAST MANHATTAN - NW MANHATTAN 230/115KV	6/1/2010	12/1/2011		
	East Manhattan to Mcdowell 230 kv	6/1/2010	6/1/2012		
	HOLCOMB - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		
	KINSLEY 115KV Capacitor	6/1/2010	6/1/2011		
	PAWNEE 115KV Capacitor	6/1/2010	6/1/2011		
	PIONEER TAP - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		

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

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 Service Date	Redispatch Available
1518839	991 TAP 69KV	12/1/2010	12/1/2010		
	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 2	6/1/2015	6/1/2015		
	CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1	12/1/2011	12/1/2011		
	CLEARWATER - GILL ENERGY CENTER WEST 138KV CKT 1	6/1/2010	6/1/2013		
	ELECTRA SW 69KV CAP BANK	6/1/2015	6/1/2015		
	ELK CITY 69KV CAPACITOR	6/1/2010	6/1/2012		
	EVANS ENERGY CENTER SOUTH - GODDARD4 138.00 - CLEARWATER 138KV CKT 1	6/1/2010	6/1/2012		
	FREMONT SUB A 69KV	12/1/2010	12/1/2010		
	FREMONT SUB B 69KV	12/1/2010	12/1/2010		
	FREMONT SUB C 69KV	12/1/2010	12/1/2010		
	FREMONT SUB D 69KV	12/1/2010	12/1/2010		
	FREMONT SUB E 69KV	12/1/2010	12/1/2010		
	FREMONT SUB F 69KV	12/1/2010	12/1/2010		
	FREMONT SUB G 69KV	12/1/2010	12/1/2010		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	GYP SUM 69KV CAPACITOR	6/1/2015	6/1/2015		
	HEIZER - MULLERGREEN 115 KV CKT 1	6/1/2010	6/1/2011		
	NICHOLS - RANDALL - AMARILLO SOUTH 230 KV CKT 1	6/1/2010	6/1/2013		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	RANDALL 230/115 KV TRANSFORMER CKT 2	6/1/2010	6/1/2013		
	SEWARD - ST JOHN 115KV CKT 1	6/1/2010	6/1/2013		
	SOUTH COFFEYVILLE CITY 138KV CAP BANK	6/1/2011	6/1/2011		
	SPSNORTH_STH	12/1/2010	12/1/2010		
	SUB 976 69KV	12/1/2010	12/1/2010		
	SUB 991 69KV	12/1/2010	12/1/2010		
	SUB 992 69KV	12/1/2010	12/1/2010		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

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

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518839	BARTLESVILLE SOUTHEAST - NORTH BARTLESVILLE 138KV CKT 1	12/1/2010	6/1/2011		
	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	6/1/2011	7/1/2013		
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	6/1/2011	1/1/2013		
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	6/1/2011	4/1/2014		
	LEHIGH TAP - OWL CREEK 69KV CKT 1	6/1/2011	12/1/2011		
	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2010	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	6/1/2010	4/1/2011		
	NEOSHO - NORTHEAST PARSONS 138KV CKT 1	6/1/2010	6/1/2011		
	ROSE HILL (ROSEHL1X) 345/138/13.8KV TRANSFORMER CKT 3 Displacement	6/1/2010	6/1/2011		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518839	NORTHWEST - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

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

Customer Study Number
KMEA AG3-2008-035

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KMEA	1518840	SECI	WR	1	5/1/2010	5/1/2015	6/1/2014	6/1/2019	\$ -	\$ 143,940	\$ 498	\$ -
									\$ -	\$ 143,940	\$ 498	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1518840	BUSHLAND INTERCHANGE - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1 Redispatch	12/1/2010	12/1/2010			\$ -	\$ -	\$ -
	CIMARRON RIVER PLANT - HAYNE 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	CTU SUBLETTE - HASKELL 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CTU SUBLETTE - PIONEER TAP 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	FLETCHER - HOLCOMB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HASKELL - SEWARD-3 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	HAYNE - NORTH LIBERAL TAP 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HITCHLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1 Redispatch	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HOLCOMB - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	IONIA 3 115.00 - JEWELL 3 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	IONIA 3 115.00 - SMITH CENTER 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	PIONEER TAP - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	STEELEC7 115.00 115KV Capacitor	6/1/2014	6/1/2014			\$ 498	\$ 607,500	\$ -
	TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
					Total	\$ 498	\$ 607,500	\$ -

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 Service Date	Redispatch Available
1518840	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	6/1/2010	6/1/2012		
	EAST MANHATTAN - NW MANHATTAN 230/115KV	6/1/2010	12/1/2011		
	East Manhattan to Mcdowell 230 kv	6/1/2010	6/1/2012		
	HOLCOMB - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		
	KINSLEY 115KV Capacitor	6/1/2010	6/1/2011		
	PAWNEE 115KV Capacitor	6/1/2010	6/1/2011		
	PIONEER TAP - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		

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

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 Service Date	Redispatch Available
1518840	991 TAP 69KV	12/1/2010	12/1/2010		
	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 2	6/1/2015	6/1/2015		
	CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1	12/1/2011	12/1/2011		
	CLEARWATER - GILL ENERGY CENTER WEST 138KV CKT 1	6/1/2010	6/1/2013		
	ELECTRA SW 69KV CAP BANK	6/1/2015	6/1/2015		
	ELK CITY 69KV CAPACITOR	6/1/2010	6/1/2012		
	EVANS ENERGY CENTER SOUTH - GODDARD4 138.00 - CLEARWATER 138KV CKT 1	6/1/2010	6/1/2012		
	FREMONT SUB A 69KV	12/1/2010	12/1/2010		
	FREMONT SUB B 69KV	12/1/2010	12/1/2010		
	FREMONT SUB C 69KV	12/1/2010	12/1/2010		
	FREMONT SUB D 69KV	12/1/2010	12/1/2010		
	FREMONT SUB E 69KV	12/1/2010	12/1/2010		
	FREMONT SUB F 69KV	12/1/2010	12/1/2010		
	FREMONT SUB G 69KV	12/1/2010	12/1/2010		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	GYP SUM 69KV CAPACITOR	6/1/2015	6/1/2015		
	HEIZER - MULLERGREEN 115 KV CKT 1	6/1/2010	6/1/2011		
	NICHOLS - RANDALL - AMARILLO SOUTH 230 KV CKT 1	6/1/2010	6/1/2013		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	RANDALL 230/115 KV TRANSFORMER CKT 2	6/1/2010	6/1/2013		
	SEWARD - ST JOHN 115KV CKT 1	6/1/2010	6/1/2013		
	SOUTH COFFEYVILLE CITY 138KV CAP BANK	6/1/2011	6/1/2011		
	SPSNORTH_STH	12/1/2010	12/1/2010		
	SUB 976 69KV	12/1/2010	12/1/2010		
	SUB 991 69KV	12/1/2010	12/1/2010		
	SUB 992 69KV	12/1/2010	12/1/2010		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

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

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518840	BARTLESVILLE SOUTHEAST - NORTH BARTLESVILLE 138KV CKT 1	12/1/2010	6/1/2011		
	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	6/1/2011	7/1/2013		
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	6/1/2011	1/1/2013		
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	6/1/2011	4/1/2014		
	LEHIGH TAP - OWL CREEK 69KV CKT 1	6/1/2011	12/1/2011		
	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2010	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	6/1/2010	4/1/2011		
	NEOSHO - NORTHEAST PARSONS 138KV CKT 1	6/1/2010	6/1/2011		
	ROSE HILL (ROSEHL1X) 345/138/13.8KV TRANSFORMER CKT 3 Displacement	6/1/2010	6/1/2011		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518840	NORTHWEST - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

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

Customer Study Number
KMEA AG3-2008-036

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
KMEA	1518841	NPPD	WR	1	5/1/2010	5/1/2015	6/1/2014	6/1/2019	\$ -	\$ 143,940	\$ 1,333	\$ -
									\$ -	\$ 143,940	\$ 1,333	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1518841	CANADAY - LEXINGTON 115KV CKT 1	12/1/2010	12/1/2010			\$ -	\$ -	\$ -
	HITCHLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1 Redispatch	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	STEELEC7 115.00 115KV Capacitor	6/1/2014	6/1/2014			\$ 1,333	\$ 607,500	\$ -
Total						\$ 1,333	\$ 607,500	\$ -

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 Service Date	Redispatch Available
1518841	991 TAP 69KV	12/1/2010	12/1/2010		
	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 2	6/1/2015	6/1/2015		
	CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1	12/1/2011	12/1/2011		
	CLEARWATER - GILL ENERGY CENTER WEST 138KV CKT 1	6/1/2010	6/1/2013		
	ELECTRA SW 69KV CAP BANK	6/1/2015	6/1/2015		
	ELK CITY 69KV CAPACITOR	6/1/2010	6/1/2012		
	EVANS ENERGY CENTER SOUTH - GODDARD4 138.00 - CLEARWATER 138KV CKT 1	6/1/2010	6/1/2012		
	FREMONT SUB A 69KV	12/1/2010	12/1/2010		
	FREMONT SUB B 69KV	12/1/2010	12/1/2010		
	FREMONT SUB C 69KV	12/1/2010	12/1/2010		
	FREMONT SUB D 69KV	12/1/2010	12/1/2010		
	FREMONT SUB E 69KV	12/1/2010	12/1/2010		
	FREMONT SUB F 69KV	12/1/2010	12/1/2010		
	FREMONT SUB G 69KV	12/1/2010	12/1/2010		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	GYP SUM 69KV CAPACITOR	6/1/2015	6/1/2015		
	HEIZER - MULLERGREEN 115 KV CKT 1	6/1/2010	6/1/2011		
	NICHOLS - RANDALL - AMARILLO SOUTH 230 KV CKT 1	6/1/2010	6/1/2013		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	RANDALL 230/115 KV TRANSFORMER CKT 2	6/1/2010	6/1/2013		
	SEWARD - ST JOHN 115KV CKT 1	6/1/2010	6/1/2013		
	SOUTH COFFEYVILLE CITY 138KV CAP BANK	6/1/2011	6/1/2011		
	SPSNORTH_STH	12/1/2010	12/1/2010		
	SUB 976 69KV	12/1/2010	12/1/2010		
	SUB 991 69KV	12/1/2010	12/1/2010		
	SUB 992 69KV	12/1/2010	12/1/2010		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518841	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	6/1/2011	7/1/2013		
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	6/1/2011	1/1/2013		
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	6/1/2011	4/1/2014		
	LEHIGH TAP - OWL CREEK 69KV CKT 1	6/1/2011	12/1/2011		
	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2010	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	6/1/2010	4/1/2011		
	NEOSHO - NORTHEAST PARSONS 138KV CKT 1	6/1/2010	6/1/2011		
	ROSE HILL (ROSEHLIX) 345/138/13.8KV TRANSFORMER CKT 3 Displacement	6/1/2010	6/1/2011		

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 directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518841	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1518841	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 SWPA	6/1/2010	6/1/2010			\$ -	\$ -
	RUSSELLVILLE EAST - RUSSELLVILLE SOUTH 161KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -
					Total	\$ -	\$ -

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

Customer Study Number
KMEA AG3-2008-037

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KMEA	1518842	SECI	SECI	5	10/1/2009	10/1/2014	6/1/2014	6/1/2019	\$ 46,053	\$ -	\$ 46,053	\$ 98,454
									\$ 46,053	\$ -	\$ 46,053	\$ 98,454

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1518842	CIMARRON RIVER PLANT - HAYNE 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC Displacement	6/1/2014	6/1/2014			\$ 2,480	\$ 112,056	\$ 6,344
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE Displacement	6/1/2014	6/1/2014			\$ 1,161	\$ 52,462	\$ 3,242
	CONCORDIA (CONCORD6) 230/115/13.8KV TRANSFORMER CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	CTU SUBLETTE - HASKELL 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CTU SUBLETTE - PIONEER TAP 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	FLETCHER - HOLCOMB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HARPER - MILAN TAP 138KV CKT 1	6/1/2014	6/1/2014			\$ -	\$ -	\$ -
	HASKELL - SEWARD-3 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	HAYNE - NORTH LIBERAL TAP 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HITCHLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1 Redispatch	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HOLCOMB - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HUNTSVILLE - HUTCHINSON ENERGY CENTER 115KV CKT 1 MIDW Displacement	6/1/2010	6/1/2014			\$ 39,841	\$ 608,505	\$ 88,868
	HUNTSVILLE - HUTCHINSON ENERGY CENTER 115KV CKT 1 WERE Displacement	6/1/2010	6/1/2014			\$ -	\$ -	\$ -
	IONIA 3 115.00 - JEWELL 3 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	IONIA 3 115.00 - SMITH CENTER 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	JUDSON LARGE - NORTH JUDSON LARGE SUB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	PIONEER TAP - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	STEELECT 115.00 115KV Capacitor	6/1/2014	6/1/2014			\$ 2,571	\$ 607,500	\$ -
	TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
Total						\$ 46,053	\$ 1,380,523	\$ 98,454

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518842	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	6/1/2010	6/1/2012		
	EAST MANHATTAN - NW MANHATTAN 230/115KV	6/1/2010	12/1/2011		
	East Manhattan to Mcdowell 230 kv	6/1/2010	6/1/2012		
	HOLCOMB - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		
	KELLY - SOUTH SENECA 115KV CKT 1	6/1/2010	12/1/2010		
	KINSLEY 115KV Capacitor	6/1/2010	6/1/2011		
	PAWNEE 115KV Capacitor	6/1/2010	6/1/2011		
	PIONEER TAP - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		

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 Service Date	Redispatch Available
1518842	CLEARWATER - GILL - GODDARD - EVANS ENERGY CENTER SOUTH 115 KV CKT 1	6/1/2010	6/1/2013		
	CLEARWATER - GILL ENERGY CENTER WEST 138KV CKT 1	6/1/2010	6/1/2013		
	ELECTRA SW 69KV CAP BANK	6/1/2015	6/1/2015		
	ELK CITY 69KV CAPACITOR	6/1/2010	6/1/2012		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	GYPSUM 69KV CAPACITOR	6/1/2015	6/1/2015		
	HEIZER - MULLERGRN 115 KV CKT 1	6/1/2010	6/1/2011		
	NICHOLS - RANDALL - AMARILLO SOUTH 230 KV CKT 1	6/1/2010	6/1/2013		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	PRATT - ST JOHN 115 KV CKT 1	6/1/2010	6/1/2013		
	RANDALL 230/115 KV TRANSFORMER CKT 2	6/1/2010	6/1/2013		
	SEWARD - ST JOHN 115KV CKT 1	6/1/2010	6/1/2013		
	SPSNORTH_STH	12/1/2010	12/1/2010		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

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

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518842	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2010	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	6/1/2010	4/1/2011		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518842	NORTHWEST - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

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

Customer Study Number
KMEA AG3-2008-038

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
KMEA	1518844	SECI	SECI	1	10/1/2009	10/1/2014	6/1/2014	6/1/2019	\$ -	\$ 266,100	\$ 3,611	\$ 3,543
									\$ -	\$ 266,100	\$ 3,611	\$ 3,543

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1518844	CIMARRON RIVER PLANT - HAYNE 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC Displacement	6/1/2014	6/1/2014			\$ 97	\$ 112,056	\$ 248
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE Displacement	6/1/2014	6/1/2014			\$ 45	\$ 52,462	\$ 127
	CONCORDIA (CONCORD6) 230/115/13.8KV TRANSFORMER CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	CTU SUBLETTE - HASKELL 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CTU SUBLETTE - PIONEER TAP 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CUDAHY - JUDSON LARGE 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	FLETCHER - HOLCOMB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HARPER - MILAN TAP 138KV CKT 1	6/1/2014	6/1/2014			\$ -	\$ -	\$ -
	HASKELL - SEWARD-3 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	HAYNE - NORTH LIBERAL TAP 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HITCHLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1 Redispatch	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HOLCOMB - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HUNTSVILLE - HUTCHINSON ENERGY CENTER 115KV CKT 1 MIDW Displacement	6/1/2010	6/1/2014			\$ 1,420	\$ 608,505	\$ 3,168
	HUNTSVILLE - HUTCHINSON ENERGY CENTER 115KV CKT 1 WERE Displacement	6/1/2010	6/1/2014			\$ -	\$ -	\$ -
	IONIA 3 115.00 - JEWELL 3 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	IONIA 3 115.00 - SMITH CENTER 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	JUDSON LARGE - NORTH JUDSON LARGE SUB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	PIONEER TAP - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	STEELEC7 115.00 115KV Capacitor	6/1/2014	6/1/2014			\$ 2,049	\$ 607,500	\$ -
	TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
						\$ 3,611	\$ 1,380,523	\$ 3,543

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 Service Date	Redispatch Available
1518844	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	6/1/2010	6/1/2012		
	EAST MANHATTAN - NW MANHATTAN 230/115KV	6/1/2010	12/1/2011		
	East Manhattan to McDowell 230 kv	6/1/2010	6/1/2012		
	HOLCOMB - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		
	KELLY - SOUTH SENECA 115KV CKT 1	6/1/2010	12/1/2010		
	KINSLEY 115KV Capacitor	6/1/2010	6/1/2011		
	PAWNEE 115KV Capacitor	6/1/2010	6/1/2011		
	PIONEER TAP - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		

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 Service Date	Redispatch Available
1518844	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 2	6/1/2015	6/1/2015		
	CLEARWATER - GILL - GODDARD - EVANS ENERGY CENTER SOUTH 115 KV CKT 1	6/1/2010	6/1/2013		
	CLEARWATER - GILL ENERGY CENTER WEST 138KV CKT 1	6/1/2010	6/1/2013		
	ELECTRA SW 69KV CAP BANK	6/1/2015	6/1/2015		
	ELK CITY 69KV CAPACITOR	6/1/2010	6/1/2012		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	GYPSSUM 69KV CAPACITOR	6/1/2015	6/1/2015		
	HEIZER - MULLERGRENN 115 KV CKT 1	6/1/2010	6/1/2011		
	NICHOLS - RANDALL - AMARILLO SOUTH 230 KV CKT 1	6/1/2010	6/1/2013		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	PRATT - ST JOHN 115 KV CKT 1	6/1/2010	6/1/2013		
	RANDALL 230/115 KV TRANSFORMER CKT 2	6/1/2010	6/1/2013		
	SEWARD - ST JOHN 115KV CKT 1	6/1/2010	6/1/2013		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

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

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518844	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2010	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	6/1/2010	4/1/2011		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518844	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	NORTHWEST - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

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

Customer Study Number
KMEA AG3-2008-039

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
KMEA	1518845	NPPD	SECI	1	10/1/2009	10/1/2014	6/1/2011	6/1/2016	\$ -	\$ 266,100	\$ 3,890	\$ 4,280
									\$ -	\$ 266,100	\$ 3,890	\$ 4,280

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1518845	CANADAY - LEXINGTON 115KV CKT 1	12/1/2010	12/1/2010			\$ -	\$ -	\$ -
	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC Displacement	6/1/2014	6/1/2014			\$ 154	\$ 112,056	\$ 301
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE Displacement	6/1/2014	6/1/2014			\$ 72	\$ 52,462	\$ 162
	CONCORDIA (CONCORDE) 230/115/13.8KV TRANSFORMER CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	CTU SUBLETTE - HASKELL 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CTU SUBLETTE - PIONEER TAP 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CUDAHY - JUDSON LARGE 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	FLETCHER - HOLCOMB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HARPER - MILAN TAP 138KV CKT 1	6/1/2014	6/1/2014			\$ -	\$ -	\$ -
	HASKELL - SEWARD-3 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	HOLCOMB - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HUNTSVILLE - HUTCHINSON ENERGY CENTER 115KV CKT 1 MIDW Displacement	6/1/2010	6/1/2014			\$ 2,145	\$ 608,505	\$ 3,817
	HUNTSVILLE - HUTCHINSON ENERGY CENTER 115KV CKT 1 WERE Displacement	6/1/2010	6/1/2014			\$ -	\$ -	\$ -
	IONIA 3 115.00 - JEWELL 3 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	IONIA 3 115.00 - SMITH CENTER 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	JUDSON LARGE - NORTH JUDSON LARGE SUB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	PIONEER TAP - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	STEELEC7 115.00 115KV Capacitor	6/1/2014	6/1/2014			\$ 1,519	\$ 607,500	\$ -
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1 Redispatch	12/1/2010	12/1/2010			\$ -	\$ -	\$ -
						\$ 3,890	\$ 1,380,523	\$ 4,280

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 Service Date	Redispatch Available
1518845	HOLCOMB - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		
	KELLY - SOUTH SENECA 115KV CKT 1	6/1/2010	12/1/2010		
	KINSLEY 115KV Capacitor	6/1/2010	6/1/2011		
	PAWNEE 115KV Capacitor	6/1/2010	6/1/2011		
	PIONEER TAP - PLYMELL 115KV CKT 1	6/1/2010	6/1/2010		

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 Service Date	Redispatch Available
1518845	991 TAP 69KV	12/1/2010	12/1/2010		
	CLEARWATER - GILL - GODDARD - EVANS ENERGY CENTER SOUTH 115 KV CKT 1	6/1/2010	6/1/2013		
	CLEARWATER - GILL ENERGY CENTER WEST 138KV CKT 1	6/1/2010	6/1/2013		
	FREMONT SUB A 69KV	12/1/2010	12/1/2010		
	FREMONT SUB B 69KV	12/1/2010	12/1/2010		
	FREMONT SUB C 69KV	12/1/2010	12/1/2010		
	FREMONT SUB D 69KV	12/1/2010	12/1/2010		
	FREMONT SUB E 69KV	12/1/2010	12/1/2010		
	FREMONT SUB F 69KV	12/1/2010	12/1/2010		
	FREMONT SUB G 69KV	12/1/2010	12/1/2010		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	HEIZER - MULLERGREN 115 KV CKT 1	6/1/2010	6/1/2011		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	PRATT - ST JOHN 115 KV CKT 1	6/1/2010	6/1/2013		
	SEWARD - ST JOHN 115KV CKT 1	6/1/2010	6/1/2013		
	SUB 976 69KV	12/1/2010	12/1/2010		
	SUB 991 69KV	12/1/2010	12/1/2010		
	SUB 992 69KV	12/1/2010	12/1/2010		
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1	12/1/2010	12/1/2010		

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

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518845	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2010	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	6/1/2010	4/1/2011		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518845	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

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

Customer Study Number
NTEC AG1-2009-029

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
NTEC	1567817	CSWS	CSWS	335	1/1/2015	1/1/2040			\$ 688,819	\$ -	\$ 688,819	\$ 3,895,586
									\$ 688,819	\$ -	\$ 688,819	\$ 3,895,586

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1567817	CHAPEL HILL REC - WELSH REC 138KV CKT 1	6/1/2015	6/1/2015			\$ 175,000	\$ 175,000	\$ 1,017,816
	RIVERSIDE STATION - TULSA POWER STATION 138KV CKT 1	6/1/2012	6/1/2012			\$ 263,819	\$ 800,000	\$ 1,419,903
	WELSH REC - WILKES 138KV CKT 1	6/1/2015	6/1/2015			\$ 250,000	\$ 250,000	\$ 1,457,867
	Total					\$ 688,819	\$ 1,225,000	\$ 3,895,586

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 Service Date	Redispatch Available
1567817	ASHDOWN WEST - CRAIG JUNCTION 138KV CKT 1	6/1/2015	6/1/2015		
	BETHEL - BROKEN BOW 138KV CKT 1	6/1/2015	6/1/2015		
	BIG SANDY - HAWKINS 69KV CKT 1	6/1/2015	6/1/2015		
	BIG SANDY - PERDUE 69KV CKT 1	6/1/2015	6/1/2015		
	CARNEGIE - SOUTHWESTERN STATION 138KV CKT 1	6/1/2015	6/1/2015		
	CARTHAGE REC POD - ROCK HILL 138KV CKT 1	6/1/2015	6/1/2015		
	ELECTRA SW 69KV CAP BANK	6/1/2015	6/1/2015		
	ELK CITY 69KV CAPACITOR	6/1/2010	6/1/2012		
	FRIO DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	GEORGIA-PACIFIC - KEATCHIE REC 138KV CKT 1	6/1/2015	6/1/2015		
	GYPSUM 69KV CAPACITOR	6/1/2015	6/1/2015		
	MARSHALL (MARSH 1) 138/69/12.47KV TRANSFORMER CKT 1	6/1/2015	6/1/2015		
	MARSHALL (MARSH 2) 138/69/12.47KV TRANSFORMER CKT 2	6/1/2015	6/1/2015		
	Pittsburg-McAlester City 138 kv	6/1/2019	6/1/2019		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1567817	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		
	HUGO POWER PLANT 345/138KV TRANSFORMER CKT 1	7/1/2012	7/1/2012		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1567817	ARKANSAS NUCLEAR ONE - RUSSELLVILLE NORTH 161KV CKT 1	12/1/2010	12/1/2010			\$ -	\$ -
	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 SWPA	6/1/2010	6/1/2010			\$ -	\$ -
	GRIMES - MT. ZION 138KV CKT 1	6/1/2015	6/1/2015			\$ -	\$ -
	GRIMES - WALDEN 138KV CKT 1	6/1/2015	6/1/2015			\$ 22,282,500	\$ 22,282,500
	GRIMES 345/138KV TRANSFORMER CKT 1	6/1/2015	6/1/2015			\$ -	\$ -
	GRIMES 345/138KV TRANSFORMER CKT 2	6/1/2015	6/1/2015			\$ -	\$ -
	LINE 558 TAP - MT. ZION 138KV CKT 1	6/1/2015	6/1/2015			\$ 4,012,500	\$ 4,012,500
	RUSSELLVILLE EAST - RUSSELLVILLE NORTH 161KV CKT 1	6/1/2015	6/1/2015			\$ -	\$ -
	RUSSELLVILLE EAST - RUSSELLVILLE SOUTH 161KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -
	Total					\$ 26,295,000	\$ 26,295,000

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

Customer Study Number
 OMPA AG1-2009-023

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
OMPA	1566503	OKGE	SPA	61	6/1/2010	6/1/2015	6/1/2012	6/1/2017	\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1566503	HITCHLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1 Redispatch	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
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 Service Date	Redispatch Available
1566503	AFTON - FAIRLAND EDE TAP 69KV CKT 1			12/1/2014	12/1/2014
	CARNEGIE - SOUTHWESTERN STATION 138KV CKT 1			6/1/2015	6/1/2015
	ELECTRA SW 69KV CAP BANK			6/1/2015	6/1/2015
	ELK CITY 69KV CAPACITOR			6/1/2010	6/1/2012
	FPL SWITCH - WOODWARD 138KV CKT 1			6/1/2015	6/1/2015
	FRIO-DRAW - POTTER 345 KV			6/1/2013	6/1/2013
	GYPSSUM 69KV CAPACITOR			6/1/2015	6/1/2015
	NICHOLS - RANDALL - AMARILLO SOUTH 230 KV CKT 1			6/1/2010	6/1/2013
	OMPA-PONCA CITY - OSAGE 69KV CKT 1			6/1/2011	6/1/2012
	POTTER - ANADARKO 345 KV			6/1/2011	6/1/2014
	RANDALL 230/115 KV TRANSFORMER CKT 2			6/1/2010	6/1/2013
	SOUTH COFFEYVILLE CITY 138KV CAP BANK			6/1/2011	6/1/2011
	WHEELER 230 KV CAPACITOR			6/1/2017	6/1/2017

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1566503	FT SUPPLY 138/69KV TRANSFORMER CKT 1			12/1/2006	6/1/2008
	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 - WOODWARD 345KV CKT 1			1/1/2010	1/1/2010
	RENO 345/115KV CKT 1			6/1/2009	6/1/2009
	RENO 345/115KV CKT 2			6/1/2010	6/1/2010
	SUB 110 - ORONOGO JCT. - SUB 167 - RIVERTON 161KV CKT 1			6/1/2011	6/1/2011
	SUMMIT - RENO 345KV			6/1/2010	6/1/2010
	WICHITA - RENO 345KV			6/1/2009	6/1/2009
	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

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1566503	ARKANSAS NUCLEAR ONE - RUSSELLVILLE NORTH 161KV CKT 1			12/1/2010	12/1/2010	\$ -	\$ -
	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 SWPA			6/1/2010	6/1/2010	\$ -	\$ -
	RUSSELLVILLE EAST - RUSSELLVILLE SOUTH 161KV CKT 1			6/1/2010	6/1/2010	\$ -	\$ -
Total						\$ -	\$ -

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

Customer Study Number
 OMPA AG1-2009-026

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
OMPA	1566944	OKGE	WFEC	10	9/1/2010	9/1/2025	9/1/2010	9/1/2025	\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1566944	None	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
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 Service Date	Redispatch Available
1566944	AFTON - FAIRLAND EDE TAP 69KV CKT 1	12/1/2014	12/1/2014		
	CARNEGIE - SOUTHWESTERN STATION 138KV CKT 1	6/1/2015	6/1/2015		
	ELECTRA SW 69KV CAP BANK	6/1/2015	6/1/2015		
	ELK CITY 69KV CAPACITOR	6/1/2010	6/1/2012		
	FPL SWITCH - WOODWARD 138KV CKT 1	6/1/2015	6/1/2015		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	GYPSSUM 69KV CAPACITOR	6/1/2015	6/1/2015		
	NICHOLS - RANDALL - AMARILLO SOUTH 230 KV CKT 1	6/1/2010	6/1/2013		
	OMPA-PONCA CITY - OSAGE 69KV CKT 1	6/1/2011	6/1/2012		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1566944	FT SUPPLY 138/69KV TRANSFORMER CKT 1	12/1/2006	6/1/2008		
	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		
	KNOBHILL (KNOBHILL4) 138/69/13.2KV TRANSFORMER CKT 1	6/1/2006	6/1/2008		
	NORTHWEST - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		
	WOODWARD - IODINE 138KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD - WOODWARD EHV 138KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD - WOODWARD EHV 138KV CKT 2	1/1/2010	1/1/2010		
	WOODWARD 345/138KV TRANSFORMER CKT 1	1/1/2010	1/1/2010		

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

Customer Study Number
 OPPM AG1-2009-037

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
OPPM	1596625	OPPD	OPPD	171	1/1/2014	1/1/2037			\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1596625	FIRTH - SHELDON 115KV CKT 1	6/1/2019	6/1/2019			\$ -	\$ -	\$ -
	HYDROCARBON TAP - SUB 970 69KV CKT 1	6/1/2019	6/1/2019			\$ -	\$ -	\$ -
	HYDROCARBON TAP - SUB 974 69KV CKT 1	6/1/2019	6/1/2019			\$ -	\$ -	\$ -
	STERLING 115/69KV TRANSFORMER CKT 1	6/1/2019	6/1/2019			\$ -	\$ -	\$ -
	SUB 1206 T1 MIDPT 161/69KV TRANSFORMER CKT 1 #2	6/1/2012	6/1/2012			\$ -	\$ -	\$ -
	SUB 1206 T2 MIDPT 161/69KV TRANSFORMER CKT 1 #2	6/1/2010	6/1/2012			\$ -	\$ -	\$ -
	SUB 1221 - SUB 1255 161KV CKT 1 #2	6/1/2015	6/1/2015			\$ -	\$ -	\$ -
	SUB 1233 - SUB 1255 161KV CKT 1 #2	6/1/2015	6/1/2015			\$ -	\$ -	\$ -
	SUB 906 SOUTH - SUB 924 69KV CKT 1	6/1/2019	6/1/2019			\$ -	\$ -	\$ -
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 Service Date	Redispatch Available
1596625	991 TAP 69KV	12/1/2010	12/1/2010		
	FREMONT SUB A 69KV	12/1/2010	12/1/2010		
	FREMONT SUB B 69KV	12/1/2010	12/1/2010		
	FREMONT SUB C 69KV	12/1/2010	12/1/2010		
	FREMONT SUB D 69KV	12/1/2010	12/1/2010		
	FREMONT SUB E 69KV	12/1/2010	12/1/2010		
	FREMONT SUB F 69KV	12/1/2010	12/1/2010		
	FREMONT SUB G 69KV	12/1/2010	12/1/2010		
	MAGELLAN 69KV	6/1/2019	6/1/2019		
	MAGELLAN TAP 69KV	6/1/2019	6/1/2019		
	NEB CITY U SUB 903 69KV	6/1/2019	6/1/2019		
	NEHAWKA 69KV	6/1/2019	6/1/2019		
	SUB 1206 T1 MIDPT 161/69KV TRANSFORMER CKT 1 #1	6/1/2010	6/1/2012		
	SUB 1206 T2 MIDPT 161/69KV TRANSFORMER CKT 1 #1	6/1/2010	6/1/2012		
	SUB 1221 - SUB 1255 161KV CKT 1 #1	6/1/2014	6/1/2014		
	SUB 1233 - SUB 1255 161KV CKT 1 #1	6/1/2014	6/1/2014		
	SUB 904 - SUB 906 SOUTH 69KV CKT 1	6/1/2016	6/1/2016		
	SUB 906 NORTH - SUB 928 69KV CKT 1	6/1/2012	6/1/2012		
	SUB 906 NORTH - SUB 938 69KV CKT 1	6/1/2010	6/1/2010		
	SUB 906 SOUTH - SUB 938 69KV CKT 1	6/1/2010	6/1/2010		
	SUB 921 - SUB 942 69KV CKT 1	6/1/2012	6/1/2012		
	SUB 962 69KV	6/1/2019	6/1/2019		
	SUB 963 - SUB 977 69KV CKT 1	6/1/2014	6/1/2014		
	SUB 963 - WEST BROCK 69KV CKT 1	6/1/2010	6/1/2010		
	SUB 964 69KV	6/1/2019	6/1/2019		
	SUB 976 69KV	12/1/2010	12/1/2010		
	SUB 977 69KV	6/1/2019	6/1/2019		
	SUB 984 69KV	6/1/2019	6/1/2019		
	SUB 991 69KV	12/1/2010	12/1/2010		
	SUB 992 69KV	12/1/2010	12/1/2010		
	SUB 993 69KV	6/1/2019	6/1/2019		

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

Customer Study Number
SEPC AG3-2008-004

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
SEPC	1484375	SECI	SECI	150	11/1/2010	11/1/2040	6/1/2014	6/1/2044	\$ 1,489,120	\$ -	\$ 1,489,120	\$ -
									\$ 1,489,120	\$ -	\$ 1,489,120	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1484375	BEATRICE - HARBINE 115KV CKT 1	6/1/2019	6/1/2019			\$ 1,360,545	\$ 4,418,750	\$ -
	CIMARRON RIVER PLANT - HAYNE 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	CIMARRON RIVER TAP - EAST LIBERAL 115KV CKT 1	6/1/2012	6/1/2012			\$ -	\$ -	\$ -
	CIMARRON RIVER TAP - KISMET 3 115.00 115KV CKT 1	6/1/2019	6/1/2019			\$ -	\$ -	\$ -
	CONCORDIA (CONCORDE) 230/115/13.8KV TRANSFORMER CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	CUDAHY - JUDSON LARGE 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CUDAHY - KISMET 3 115.00 115KV CKT 1	6/1/2019	6/1/2019			\$ -	\$ -	\$ -
	EAST MANHATTAN - NWMANHT6 230.00 230KV CKT 1	6/1/2019	6/1/2019			\$ -	\$ -	\$ -
	FLETCHER - HOLCOMB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HAYNE - NORTH LIBERAL TAP 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HOLCOMB - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	PIONEER TAP - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	STEELEC7 115.00 115KV Capacitor	6/1/2014	6/1/2014			\$ 128,575	\$ 607,500	\$ -
					Total	\$ 1,489,120	\$ 5,026,250	\$ -

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 Service Date	Redispatch Available
1484375	ELECTRA SW 69KV CAP BANK	6/1/2015	6/1/2015		
	ELK CITY 69KV CAPACITOR	6/1/2010	6/1/2012		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	GYPSUM 69KV CAPACITOR	6/1/2015	6/1/2015		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1484375	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2010	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	6/1/2010	4/1/2011		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1484375	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

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

Customer Study Number
SEPC AG3-2008-005

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
SEPC	1484376	SECI	SECI	150	11/1/2010	11/1/2040	6/1/2013	6/1/2043	\$ -	\$ -	\$ 948,613	\$ 164,116
									\$ -	\$ -	\$ 948,613	\$ 164,116

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1484376	BEATRICE - HARBINE 115KV CKT 1	6/1/2019	6/1/2019			\$ 835,459	\$ 4,418,750	\$ -
	CIMARRON RIVER PLANT - HAYNE 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	CIMARRON RIVER TAP - EAST LIBERAL 115KV CKT 1	6/1/2012	6/1/2012			\$ -	\$ -	\$ -
	CIMARRON RIVER TAP - KISMET 3 115.00 115KV CKT 1	6/1/2019	6/1/2019			\$ -	\$ -	\$ -
	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC Displacement	6/1/2014	6/1/2014			\$ 20,601	\$ 112,056	\$ 112,541
	CLEARWATER - MILAN TAP 138KV CKT 1 WERE Displacement	6/1/2014	6/1/2014			\$ 9,645	\$ 52,462	\$ 51,575
	CONCORDIA (CONCORD6) 230/115/13.8KV TRANSFORMER CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	CTU SUBLETTE - HASKELL 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CTU SUBLETTE - PIONEER TAP 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CUDAHY - JUDSON LARGE 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CUDAHY - KISMET 3 115.00 115KV CKT 1	6/1/2019	6/1/2019			\$ -	\$ -	\$ -
	EAST MANHATTAN - NWMANHT6 230.00 230KV CKT 1	6/1/2019	6/1/2019			\$ -	\$ -	\$ -
	FLETCHER - HOLCOMB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HARPER - MILAN TAP 138KV CKT 1	6/1/2014	6/1/2014			\$ -	\$ -	\$ -
	HASKELL - SEWARD-3 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	HAYNE - NORTH LIBERAL TAP 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HOLCOMB - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	JUDSON LARGE - NORTH JUDSON LARGE SUB 115KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	PIONEER TAP - PLYMELL 115KV CKT 1 #2	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	SPEARVILLE - JUDSON LARGE 230 KV CKT 1	6/1/2019	6/1/2019			\$ -	\$ -	\$ -
	STEELECT 115.00 115KV Capacitor	6/1/2014	6/1/2014			\$ 82,908	\$ 607,500	\$ -
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1 Redispatch	12/1/2010	12/1/2010			\$ -	\$ -	\$ -
	Total					\$ 948,613	\$ 5,190,768	\$ 164,116

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 Service Date	Redispatch Available
1484376	KINSLEY 115KV Capacitor	6/1/2010	6/1/2011		
	PAWNEE 115KV Capacitor	6/1/2010	6/1/2011		

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 Service Date	Redispatch Available
1484376	CLEARWATER - GILL - GODDARD - EVANS ENERGY CENTER SOUTH 115 KV CKT 1	6/1/2010	6/1/2013		
	CLEARWATER - GILL ENERGY CENTER WEST 138KV CKT 1	6/1/2010	6/1/2013		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	HEIZER - MULLERGRENN 115 KV CKT 1	6/1/2010	6/1/2011		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	PRATT - ST JOHN 115 KV CKT 1	6/1/2010	6/1/2013		
	SEWARD - ST JOHN 115KV CKT 1	6/1/2010	6/1/2013		
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1	12/1/2010	12/1/2010		
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2	6/1/2017	6/1/2017		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

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

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1484376	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2010	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	6/1/2010	4/1/2011		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1484376	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

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

Customer Study Number
SPRM AG1-2009-020

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
SPRM	1562368	WR	SPA	25	1/1/2010	1/1/2029	6/1/2014	6/1/2033	\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Base Plan Funding for Wind	Directly Assigned for Wind	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1562368	HITCHLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1 Redispatch	6/1/2010	6/1/2010			\$ -	\$ -	\$ -	\$ -	\$ -
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 Service Date	Redispatch Available
1562368	991 TAP 69KV	12/1/2010	12/1/2010		
	ADRIAN 161KV 20MVAR CAP BANK	6/1/2014	6/1/2014		
	ELECTRA SW 69KV CAP BANK	6/1/2015	6/1/2015		
	ELK CITY 69KV CAPACITOR	6/1/2010	6/1/2012		
	FREMONT SUB A 69KV	12/1/2010	12/1/2010		
	FREMONT SUB B 69KV	12/1/2010	12/1/2010		
	FREMONT SUB C 69KV	12/1/2010	12/1/2010		
	FREMONT SUB D 69KV	12/1/2010	12/1/2010		
	FREMONT SUB E 69KV	12/1/2010	12/1/2010		
	FREMONT SUB F 69KV	12/1/2010	12/1/2010		
	FREMONT SUB G 69KV	12/1/2010	12/1/2010		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	GYPSSUM 69KV CAPACITOR	6/1/2015	6/1/2015		
	JAMES RIVER - TWIN OAKS 69KV CKT 1	6/1/2018	6/1/2018		
	Multi - Brookline - Summit 345 KV	6/1/2012	6/1/2014		Yes
	NICHOLS - RANDALL - AMARILLO SOUTH 230 KV CKT 1	6/1/2010	6/1/2013		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		No
	RANDALL 230/115 KV TRANSFORMER CKT 2	6/1/2010	6/1/2013		
	SPSNORTH_STH	12/1/2010	12/1/2010		
	SUB 976 69KV	12/1/2010	12/1/2010		
	SUB 991 69KV	12/1/2010	12/1/2010		
	SUB 992 69KV	12/1/2010	12/1/2010		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1562368	BROOKLINE - JUNCTION 161KV CKT 1	6/1/2019	6/1/2019		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1562368	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1562368	EVERTON - HARRISON-EAST 161KV CKT 1	6/1/2010	6/1/2010			\$ 200,000	\$ 200,000
	HILLTOP - ST JOE 161KV CKT 1	6/1/2010	6/1/2010			\$ -	\$ -
	SPRINGFIELD (SPF X1) 161/69/13.8KV TRANSFORMER CKT 1	6/1/2019	6/1/2019			\$ -	\$ -
Total						\$ 200,000	\$ 200,000

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

Customer Study Number
SPSM AG1-2009-041

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
SPSM	1567387	SPS	SPS	531	6/1/2011	6/1/2031	6/1/2014	6/1/2034	\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1567387	CARLSBAD INTERCHANGE - PECOS INTERCHANGE 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CARLSBAD INTERCHANGE - POTASH JUNCTION INTERCHANGE 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	COULTER INTERCHANGE - PUCKETT SUB 115KV CKT 1	6/1/2014	6/1/2014			\$ -	\$ -	\$ -
	CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CUNNINGHAM STATION - HOBBS INTERCHANGE 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CUNNINGHAM STATION - LEA COUNTY INTERCHANGE 230KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	HOBBS INTERCHANGE - MILLEN SUB 115KV CKT 1	6/1/2014	6/1/2014			\$ -	\$ -	\$ -
	HOBBS INTERCHANGE 230/115KV TRANSFORMER CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	LUBBOCK POWER & LIGHT-HOLLY PLANT 230/69KV TRANSFORMER CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	LUBBOCK POWER & LIGHT-SOUTHEAST 230/69KV TRANSFORMER CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	OXY PERMIAN SUB - SANGER SWITCHING STATION 115KV CKT 1	6/1/2014	6/1/2014			\$ -	\$ -	\$ -
	OXY PERMIAN SUB - WEST BENDER SUB 115KV CKT 1	6/1/2014	6/1/2014			\$ -	\$ -	\$ -
	TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
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 Service Date	Redispatch Available
1567387	AMARILLO SOUTH INTERCHANGE - FARMERS SUB 115KV CKT 1	6/1/2015	6/1/2015		
	BORDEN COUNTY INTERCHANGE - MIDLAND COUNTY INTERCHANGE 345 KV CKT 1	6/1/2011	6/1/2013		
	BORDEN COUNTY INTERCHANGE 230/138KV TRANSFORMER CKT 2	6/1/2015	6/1/2015		
	CARLISLE - WOLFFORTH 230 KV CKT 1	6/1/2011	6/1/2013		
	CHERRY SUB 230/115 KV TRANSFORMER CKT 1	6/1/2014	6/1/2014		
	DEAF SMITH - PANDA 115 KV CKT 1	6/1/2010	6/1/2012		
	ELECTRA SW 69KV CAP BANK	6/1/2015	6/1/2015		
	ELK CITY 69KV CAPACITOR	6/1/2010	6/1/2012		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	GYPSUM 69KV CAPACITOR	6/1/2015	6/1/2015		
	HASTINGS 115 KV CONVERSION	6/1/2014	6/1/2014		
	KRESS CAPACITOR	6/1/2015	6/1/2015		
	LEA COUNTY ERF PROJECT	6/1/2011	6/1/2014		
	MADDOX STATION - MONUMENT SUB 115KV CKT 1	6/1/2014	6/1/2014		
	MADDOX STATION - SANGER SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2012		
	MIDLAND CAPACITORS	6/1/2011	6/1/2013		
	MIDLAND COUNTY INTERCHANGE 230/138KV TRANSFORMER CKT 2	6/1/2011	6/1/2013		
	NEWHART 230/115 KV TRANSFORMER CKT 2	6/1/2015	6/1/2015		
	NEWHART INTERCHANGE PROJECT	6/1/2011	6/1/2013		
	NICHOLS - RANDALL - AMARILLO SOUTH 230 KV CKT 1	6/1/2010	6/1/2013		
	OSAGE SWITCHING STATION - SOUTH GEORGIA INTERCHANGE 115KV CKT 1	6/1/2011	6/1/2013		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	RANDALL 230/115 KV TRANSFORMER CKT 2	6/1/2010	6/1/2013		
	ROOSEVELT 230/115 KV TRANSFORMER CKT 2	6/1/2011	6/1/2013		
	SWISHER CAPACITOR	6/1/2015	6/1/2015		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

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

Customer Study Number
SPSM AG3-2008-009

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
SPSM	1512547	MPS	SPS	107	6/1/2009	6/1/2014	6/1/2014	6/1/2019	\$ -	\$ 11,273,520	\$ -	\$ -
									\$ -	\$ 11,273,520	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1512547	BUSHLAND INTERCHANGE - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1 Redispatch	12/1/2010	12/1/2010			\$ -	\$ -	\$ -
	CUNNINGHAM STATION - HOBBS INTERCHANGE 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CUNNINGHAM STATION - LEA COUNTY INTERCHANGE 230KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	HITCHLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1 Redispatch	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HOBBS INTERCHANGE 230/115KV TRANSFORMER CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	LUBBOCK POWER & LIGHT-HOLLY PLANT 230/69KV TRANSFORMER CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	LUBBOCK POWER & LIGHT-SOUTHEAST 230/69KV TRANSFORMER CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1 Redispatch	12/1/2010	12/1/2010			\$ -	\$ -	\$ -
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 Service Date	Redispatch Available
1512547	ADRIAN 161KV 20MVAR CAP BANK	6/1/2014	6/1/2014		
	BORDEN COUNTY INTERCHANGE - MIDLAND COUNTY INTERCHANGE 345 KV CKT 1	6/1/2011	6/1/2013		
	CARLSBAD INTERCHANGE 115/69KV TRANSFORMER CKT 1	6/1/2010	6/1/2010		
	CARLSBAD INTERCHANGE 115/69KV TRANSFORMER CKT 2	6/1/2010	6/1/2010		
	CARNEGIE - HOBART JUNCTION 138KV CKT 1	6/1/2015	6/1/2015		
	CARNEGIE - SOUTHWESTERN STATION 138KV CKT 1	6/1/2015	6/1/2015		
	CLEARWATER - GILL ENERGY CENTER WEST 138KV CKT 1	6/1/2010	6/1/2013		
	DEAF SMITH - PANDA 115 KV CKT 1	6/1/2010	6/1/2012		
	ELECTRA SW 69KV CAP BANK	6/1/2015	6/1/2015		
	ELK CITY 69KV CAPACITOR	6/1/2010	6/1/2012		
	FPL SWITCH - WOODWARD 138KV CKT 1	6/1/2015	6/1/2015		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	GYPSUM 69KV CAPACITOR	6/1/2015	6/1/2015		
	LEA COUNTY ERF PROJECT	6/1/2011	6/1/2014		
	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1	6/1/2018	6/1/2018		
	MIDLAND CAPACITORS	6/1/2011	6/1/2013		
	MIDLAND COUNTY INTERCHANGE 230/138KV TRANSFORMER CKT 2	6/1/2011	6/1/2013		
	NEWHART INTERCHANGE PROJECT	6/1/2011	6/1/2013		
	NICHOLS - RANDALL - AMARILLO SOUTH 230 KV CKT 1	6/1/2010	6/1/2013		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	RANDALL 230/115 KV TRANSFORMER CKT 2	6/1/2010	6/1/2013		
	SPSNORTH_STH	12/1/2010	12/1/2010		
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1	12/1/2010	12/1/2010		
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2	6/1/2017	6/1/2017		
	TUCO INTERCHANGE 230/115KV TRANSFORMER CKT 3	6/1/2016	6/1/2016		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1512547	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 - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		

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

Customer Study Number
SPSM AG3-2008-010

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
SPSM	1512564	CSWS	SPS	107	6/1/2009	6/1/2014	6/1/2014	6/1/2019	\$ -	\$ 11,273,520	\$ 12,592	\$ 33,389
									\$ -	\$ 11,273,520	\$ 12,592	\$ 33,389

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1512564	BUSHLAND INTERCHANGE - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1 Redispatch	12/1/2010	12/1/2010			\$ -	\$ -	\$ -
	CUNNINGHAM STATION - HOBBS INTERCHANGE 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CUNNINGHAM STATION - LEA COUNTY INTERCHANGE 230KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	HITCHLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1 Redispatch	6/1/2010	6/1/2010			\$ -	\$ -	\$ -
	HOBBS INTERCHANGE 230/115KV TRANSFORMER CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	LUBBOCK POWER & LIGHT-HOLLY PLANT 230/69KV TRANSFORMER CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	LUBBOCK POWER & LIGHT-SOUTHEAST 230/69KV TRANSFORMER CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	RIVERSIDE STATION - TULSA POWER STATION 138KV CKT 1	6/1/2012	6/1/2012			\$ 12,592	\$ 800,000	\$ 33,389
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1 Redispatch	12/1/2010	12/1/2010			\$ -	\$ -	\$ -
Total						\$ 12,592	\$ 800,000	\$ 33,389

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 Service Date	Redispatch Available
1512564	KINSLEY 115KV Capacitor	6/1/2010	6/1/2011		
	PAWNEE 115KV Capacitor	6/1/2010	6/1/2011		

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 Service Date	Redispatch Available
1512564	BORDEN COUNTY INTERCHANGE - MIDLAND COUNTY INTERCHANGE 345 KV CKT 1	6/1/2011	6/1/2013		
	BROKEN ARROW NORTH - SOUTH TAP - ONETA 138KV CKT 1	6/1/2015	6/1/2015		
	CARLSBAD INTERCHANGE 115/69KV TRANSFORMER CKT 1	6/1/2010	6/1/2010		
	CARLSBAD INTERCHANGE 115/69KV TRANSFORMER CKT 2	6/1/2010	6/1/2010		
	CARNEGIE - HOBART JUNCTION 138KV CKT 1	6/1/2015	6/1/2015		
	CARNEGIE - SOUTHWESTERN STATION 138KV CKT 1	6/1/2015	6/1/2015		
	CLEARWATER - GILL - GODDARD - EVANS ENERGY CENTER SOUTH 115 KV CKT 1	6/1/2010	6/1/2013		
	CLEARWATER - GILL ENERGY CENTER WEST 138KV CKT 1	6/1/2010	6/1/2013		
	DEAF SMITH - PANDA 115 KV CKT 1	6/1/2010	6/1/2012		
	ELECTRA SW 69KV CAP BANK	6/1/2015	6/1/2015		
	ELK CITY 69KV CAPACITOR	6/1/2010	6/1/2012		
	FPL SWITCH - WOODWARD 138KV CKT 1	6/1/2015	6/1/2015		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	GYPSSUM 69KV CAPACITOR	6/1/2015	6/1/2015		
	LEA COUNTY ERF PROJECT	6/1/2011	6/1/2014		
	MIDLAND CAPACITORS	6/1/2011	6/1/2013		
	MIDLAND COUNTY INTERCHANGE 230/138KV TRANSFORMER CKT 2	6/1/2011	6/1/2013		
	NEWHART INTERCHANGE PROJECT	6/1/2011	6/1/2013		
	NICHOLS - RANDALL - AMARILLO SOUTH 230 KV CKT 1	6/1/2010	6/1/2013		
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014		
	PRATT - ST JOHN 115 KV CKT 1	6/1/2010	6/1/2013		
	RANDALL 230/115 KV TRANSFORMER CKT 2	6/1/2010	6/1/2013		
	SAND SPRINGS - SHEFFIELD 138KV CKT 1	6/1/2015	6/1/2015		
	SPSNORTH_STH	12/1/2010	12/1/2010		
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1	12/1/2010	12/1/2010		
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2	6/1/2017	6/1/2017		
	TUCO INTERCHANGE 230/115KV TRANSFORMER CKT 3	6/1/2016	6/1/2016		
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017		

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

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1512564	ARCADIA (ARCADIA2) 345/138/13.8KV TRANSFORMER CKT 1	6/1/2011	6/1/2013		
	BARTLESVILLE SOUTHEAST - NORTH BARTLESVILLE 138KV CKT 1	12/1/2010	6/1/2011		
	MEDICINE LODGE - PRATT 115KV CKT 1	6/1/2010	6/1/2013		
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	6/1/2010	4/1/2011		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1512564	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		
	NORTHWEST - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		
	WOODWARD 345/138KV TRANSFORMER CKT 1	1/1/2010	1/1/2010		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1512564	4FISHERTP 138.00 - KEYSTONE DAM 138KV CKT 1 AECI	6/1/2010	6/1/2010			\$ 1,300,000	\$ 1,300,000
					Total	\$ 1,300,000	\$ 1,300,000

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

Customer Study Number
SPSM AG3-2008-019

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
SPSM	1518656	SPS	SPS	95	6/1/2011	6/1/2031	6/1/2014	6/1/2034	\$ -	\$ -	\$ 139,516	\$ 534,892
SPSM	1518657	SPS	SPS	65	6/1/2011	6/1/2031	6/1/2014	6/1/2034	\$ -	\$ -	\$ 95,458	\$ 365,979
									\$ -	\$ -	\$ 234,974	\$ 900,871

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1518656	BOWERS INTERCHANGE 115/69KV TRANSFORMER CKT 2 Displacement	6/1/2011	6/1/2013			\$ 139,516	\$ 269,543	\$ 534,892
	CUNNINGHAM STATION - HOBBS INTERCHANGE 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CUNNINGHAM STATION - LEA COUNTY INTERCHANGE 230KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	GRAPEVINE INTERCHANGE - KIRBY SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	HOBBS INTERCHANGE 230/115KV TRANSFORMER CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	LUBBOCK POWER & LIGHT-HOLLY PLANT 230/69KV TRANSFORMER CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	LUBBOCK POWER & LIGHT-SOUTHEAST 230/69KV TRANSFORMER CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	PACIFIC SUB - SUNDOWN INTERCHANGE 115KV CKT 1	6/1/2019	6/1/2019			\$ -	\$ -	\$ -
					Total	\$ 139,516	\$ 1,890,000	\$ 534,892
1518657	BOWERS INTERCHANGE 115/69KV TRANSFORMER CKT 2 Displacement	6/1/2011	6/1/2013			\$ 95,458	\$ 269,543	\$ 365,979
	CUNNINGHAM STATION - HOBBS INTERCHANGE 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	CUNNINGHAM STATION - LEA COUNTY INTERCHANGE 230KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	GRAPEVINE INTERCHANGE - KIRBY SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	HOBBS INTERCHANGE 230/115KV TRANSFORMER CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	LUBBOCK POWER & LIGHT-HOLLY PLANT 230/69KV TRANSFORMER CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	LUBBOCK POWER & LIGHT-SOUTHEAST 230/69KV TRANSFORMER CKT 1	6/1/2011	6/1/2011			\$ -	\$ -	\$ -
	PACIFIC SUB - SUNDOWN INTERCHANGE 115KV CKT 1	6/1/2019	6/1/2019			\$ -	\$ -	\$ -
					Total	\$ 95,458	\$ 269,543	\$ 365,979

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

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 Service Date	Redispatch Available
1518656	ARTESIA INTERCHANGE - CENTRAL VALLEY REC-ARTESIA 69KV CKT 1	6/1/2014	6/1/2014		
	ARTESIA INTERCHANGE - EAGLE CREEK 115KV CKT 2	6/1/2011	6/1/2013		
	ARTESIA INTERCHANGE 115/69KV TRANSFORMER CKT 1	6/1/2019	6/1/2019		
	ARTESIA INTERCHANGE 115/69KV TRANSFORMER CKT 2	6/1/2019	6/1/2019		
	BORDEN COUNTY INTERCHANGE - MIDLAND COUNTY INTERCHANGE 345 KV CKT 1	6/1/2011	6/1/2013		
	BORDEN COUNTY INTERCHANGE 230/138KV TRANSFORMER CKT 2	6/1/2015	6/1/2015		
	BOWERS INTERCHANGE 115KV	6/1/2019	6/1/2019		
	BUCKEYE TAP - CUNNINGHAM STATION 115KV CKT 1	6/1/2012	6/1/2013		
	CANADIAN SUB 69KV	6/1/2014	6/1/2014		
	CARNEGIE - SOUTHWESTERN STATION 138KV CKT 1	6/1/2015	6/1/2015		
	CHAVES COUNTY INTERCHANGE - SAMSON SUB 115KV CKT 1	6/1/2017	6/1/2017		
	CHAVES COUNTY INTERCHANGE - URTON SUB 115KV CKT 1	6/1/2018	6/1/2018		
	CHAVES COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 2	6/1/2015	6/1/2015		
	CHERRY SUB - NORTHWEST INTERCHANGE 115KV CKT 1	6/1/2017	6/1/2017		
	CHERRY SUB 230/115 KV TRANSFORMER CKT 1	6/1/2014	6/1/2014		
	DEAF SMITH - PANDA 115 KV CKT 1	6/1/2010	6/1/2012		
	DEAF SMITH COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 1	6/1/2011	6/1/2011		
	DEAF SMITH COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 2	6/1/2011	6/1/2011		
	EAST PLANT INTERCHANGE - MANHATTAN SUB 115KV CKT 1	6/1/2011	6/1/2013		
	EDDY COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 1	6/1/2018	6/1/2018		
	FPL SWITCH - WOODWARD 138KV CKT 1	6/1/2015	6/1/2015		
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013		
	HASTINGS 115 KV CONVERSION	6/1/2014	6/1/2014		
	KRESS CAPACITOR	6/1/2015	6/1/2015		
	LEA COUNTY ERF PROJECT	6/1/2011	6/1/2014		
	LEA COUNTY REC -MHOON - LEA COUNTY REC-LOVINGTON INTERCHANGE 69KV CKT 1	6/1/2011	6/1/2011		
	LEA COUNTY REC-ALLRED 69KV	6/1/2014	6/1/2014		
	LEA COUNTY REC-BRONCO 69KV	6/1/2019	6/1/2019		
	LEA COUNTY REC-BRONCO TAP 69KV	6/1/2019	6/1/2019		
	LEA COUNTY REC-LEWIS 69KV	6/1/2019	6/1/2019		
	LEA COUNTY REC-LOVINGTON INTERCHANGE 115/69KV TRANSFORMER CKT 1	6/1/2011	6/1/2011		
	LEA COUNTY REC-NEWTX 69KV	6/1/2019	6/1/2019		
	LEA COUNTY REC-PLAINS INTERCHANGE 115/69KV TRANSFORMER CKT 1	6/1/2017	6/1/2017		
	LEA COUNTY REC-PLAINS INTERCHANGE 115KV	6/1/2014	6/1/2014		
	LEA COUNTY REC-PLAINS INTERCHANGE 69KV	6/1/2014	6/1/2014		
	LEA COUNTY REC-PLAINS SUB 69KV	6/1/2014	6/1/2014		
	LEA COUNTY REC-PLAINS TAP 69KV	6/1/2014	6/1/2014		
	LEA COUNTY REC-SAN ANDRES INTERCHANGE 115/69KV TRANSFORMER CKT 1	6/1/2011	6/1/2011		
	LEA COUNTY REC-SAN ANDRES INTERCHANGE 115KV	6/1/2011	6/1/2011		
	LEA COUNTY REC-TP51 - LEA COUNTY REC-TP91 69KV CKT 1	6/1/2012	6/1/2012		
	LEA COUNTY REC-WAITS INTERCHANGE 115/69KV TRANSFORMER CKT 1	6/1/2012	6/1/2012		
	LE-CAPROCK 269.000 69KV	6/1/2011	6/1/2011		
	LE-PRICE 269.000 69KV	6/1/2019	6/1/2019		
	LYNTEGAR REC-PLAINS 115KV	6/1/2014	6/1/2014		
	MANHATTAN TAP - OSAGE SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011		
	MIDLAND CAPACITORS	6/1/2011	6/1/2013		
	MIDLAND COUNTY INTERCHANGE 230/138KV TRANSFORMER CKT 2	6/1/2011	6/1/2013		
	NEWHART 230/115 KV TRANSFORMER CKT 2	6/1/2015	6/1/2015		
	NEWHART INTERCHANGE PROJECT	6/1/2011	6/1/2013		
	NICHOLS - RANDALL - AMARILLO SOUTH 230 KV CKT 1	6/1/2010	6/1/2013		
	NICHOLS STATION - WHITAKER SUB 115KV CKT 1	6/1/2014	6/1/2014		
	NORTH PLAINS REC-MIAMI 69KV	6/1/2019	6/1/2019		

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

OSAGE SWITCHING STATION - SOUTH GEORGIA INTERCHANGE 115KV CKT 1	6/1/2011	6/1/2013	
PORTALES INTERCHANGE 115/69KV TRANSFORMER CKT 1	6/1/2013	6/1/2013	
PORTALES INTERCHANGE 115/69KV TRANSFORMER CKT 2	6/1/2013	6/1/2013	
POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014	
RANDALL 230/115 KV TRANSFORMER CKT 2	6/1/2010	6/1/2013	
ROBERTS COUNTY SUB 69KV	6/1/2019	6/1/2019	
ROOSEVELT 230/115 KV TRANSFORMER CKT 2	6/1/2011	6/1/2013	
ROSWELL INTERCHANGE 115/69KV TRANSFORMER CKT 3	6/1/2011	6/1/2013	
SUNDOWN INTERCHANGE 230/115KV TRANSFORMER CKT 1	6/1/2019	6/1/2019	
SWISHER CAPACITOR	6/1/2015	6/1/2015	
TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1	12/1/2010	12/1/2010	
TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2	6/1/2017	6/1/2017	
TUCO INTERCHANGE 230/115KV TRANSFORMER CKT 3	6/1/2016	6/1/2016	
WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017	

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

1518657	ARTESIA INTERCHANGE - CENTRAL VALLEY REC-ARTESIA 69KV CKT 1	6/1/2014	6/1/2014	
	ARTESIA INTERCHANGE - EAGLE CREEK 115KV CKT 2	6/1/2011	6/1/2013	
	ARTESIA INTERCHANGE 115/69KV TRANSFORMER CKT 1	6/1/2019	6/1/2019	
	ARTESIA INTERCHANGE 115/69KV TRANSFORMER CKT 2	6/1/2019	6/1/2019	
	BORDEN COUNTY INTERCHANGE - MIDLAND COUNTY INTERCHANGE 345 KV CKT 1	6/1/2011	6/1/2013	
	BORDEN COUNTY INTERCHANGE 230/138KV TRANSFORMER CKT 2	6/1/2015	6/1/2015	
	BOWERS INTERCHANGE 115KV	6/1/2019	6/1/2019	
	BUCKEYE TAP - CUNNINGHAM STATION 115KV CKT 1	6/1/2012	6/1/2013	
	CANADIAN SUB 69KV	6/1/2014	6/1/2014	
	CARNEGIE - SOUTHWESTERN STATION 138KV CKT 1	6/1/2015	6/1/2015	
	CHAVES COUNTY INTERCHANGE - SAMSON SUB 115KV CKT 1	6/1/2017	6/1/2017	
	CHAVES COUNTY INTERCHANGE - URTON SUB 115KV CKT 1	6/1/2018	6/1/2018	
	CHAVES COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 2	6/1/2015	6/1/2015	
	CHEERY SUB - NORTHWEST INTERCHANGE 115KV CKT 1	6/1/2017	6/1/2017	
	CHEERY SUB 230/115 KV TRANSFORMER CKT 1	6/1/2014	6/1/2014	
	DEAF SMITH - PANDA 115 KV CKT 1	6/1/2010	6/1/2012	
	DEAF SMITH COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 1	6/1/2011	6/1/2011	
	DEAF SMITH COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 2	6/1/2011	6/1/2011	
	EAST PLANT INTERCHANGE - MANHATTAN SUB 115KV CKT 1	6/1/2011	6/1/2013	
	EDDY COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 1	6/1/2018	6/1/2018	
	FPL SWITCH - WOODWARD 138KV CKT 1	6/1/2015	6/1/2015	
	FRIO-DRAW - POTTER 345 KV	6/1/2013	6/1/2013	
	HASTINGS 115 KV CONVERSION	6/1/2014	6/1/2014	
	KRESS CAPACITOR	6/1/2015	6/1/2015	
	LEA COUNTY ERF PROJECT	6/1/2011	6/1/2014	
	LEA COUNTY REC -MHOON - LEA COUNTY REC-LOVINGTON INTERCHANGE 69KV CKT 1	6/1/2011	6/1/2011	
	LEA COUNTY REC-ALLRED 69KV	6/1/2014	6/1/2014	
	LEA COUNTY REC-BRONCO 69KV	6/1/2019	6/1/2019	
	LEA COUNTY REC-BRONCO TAP 69KV	6/1/2019	6/1/2019	
	LEA COUNTY REC-LEWIS 69KV	6/1/2019	6/1/2019	
	LEA COUNTY REC-LOVINGTON INTERCHANGE 115/69KV TRANSFORMER CKT 1	6/1/2011	6/1/2011	
	LEA COUNTY REC-NEWTX 69KV	6/1/2019	6/1/2019	
	LEA COUNTY REC-PLAINS INTERCHANGE 115/69KV TRANSFORMER CKT 1	6/1/2017	6/1/2017	
	LEA COUNTY REC-PLAINS INTERCHANGE 115KV	6/1/2014	6/1/2014	
	LEA COUNTY REC-PLAINS INTERCHANGE 69KV	6/1/2014	6/1/2014	
	LEA COUNTY REC-PLAINS SUB 69KV	6/1/2014	6/1/2014	
	LEA COUNTY REC-PLAINS TAP 69KV	6/1/2014	6/1/2014	
	LEA COUNTY REC-SAN ANDRES INTERCHANGE 115/69KV TRANSFORMER CKT 1	6/1/2011	6/1/2011	
	LEA COUNTY REC-SAN ANDRES INTERCHANGE 115KV	6/1/2011	6/1/2011	
	LEA COUNTY REC-TP51 - LEA COUNTY REC-TP91 69KV CKT 1	6/1/2012	6/1/2012	
	LEA COUNTY REC-WAITS INTERCHANGE 115/69KV TRANSFORMER CKT 1	6/1/2012	6/1/2012	
	LE-CAPROCK 269.000 69KV	6/1/2011	6/1/2011	
	LE-PRICE 269.000 69KV	6/1/2019	6/1/2019	
	LYNTEGAR REC-PLAINS 115KV	6/1/2014	6/1/2014	
	MANHATTAN TAP - OSAGE SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011	
	MIDLAND CAPACITORS	6/1/2011	6/1/2013	
	MIDLAND COUNTY INTERCHANGE 230/138KV TRANSFORMER CKT 2	6/1/2011	6/1/2013	
	NEWHART 230/115 KV TRANSFORMER CKT 2	6/1/2015	6/1/2015	
	NEWHART INTERCHANGE PROJECT	6/1/2011	6/1/2013	
	NICHOLS - RANDALL - AMARILLO SOUTH 230 KV CKT 1	6/1/2010	6/1/2013	
	NICHOLS STATION - WHITAKER SUB 115KV CKT 1	6/1/2014	6/1/2014	
	NORTH PLAINS REC-MIAMI 69KV	6/1/2019	6/1/2019	

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

	OSAGE SWITCHING STATION - SOUTH GEORGIA INTERCHANGE 115KV CKT 1	6/1/2011	6/1/2013	
	PORTALES INTERCHANGE 115/69KV TRANSFORMER CKT 1	6/1/2013	6/1/2013	
	PORTALES INTERCHANGE 115/69KV TRANSFORMER CKT 2	6/1/2013	6/1/2013	
	POTTER - ANADARKO 345 KV	6/1/2011	6/1/2014	
	RANDALL 230/115 KV TRANSFORMER CKT 2	6/1/2010	6/1/2013	
	ROBERTS COUNTY SUB 69KV	6/1/2019	6/1/2019	
	ROOSEVELT 230/115 KV TRANSFORMER CKT 2	6/1/2011	6/1/2013	
	ROSWELL INTERCHANGE 115/69KV TRANSFORMER CKT 3	6/1/2011	6/1/2013	
	SUNDOWN INTERCHANGE 230/115KV TRANSFORMER CKT 1	6/1/2019	6/1/2019	
	SWISHER CAPACITOR	6/1/2015	6/1/2015	
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1	12/1/2010	12/1/2010	
	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2	6/1/2017	6/1/2017	
	TUCO INTERCHANGE 230/115KV TRANSFORMER CKT 3	6/1/2016	6/1/2016	
	WHEELER 230 KV CAPACITOR	6/1/2017	6/1/2017	

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1518656	NORTHWEST - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD 345/138KV TRANSFORMER CKT 1	1/1/2010	1/1/2010		
1518657	NORTHWEST - WOODWARD 345KV CKT 1	1/1/2010	1/1/2010		
	WOODWARD 345/138KV TRANSFORMER CKT 1	1/1/2010	1/1/2010		

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

Customer Study Number
UCU AG1-2009-042

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
UCU	1568167	KCPL	MPS	100	6/1/2010	6/1/2016			\$ -	\$ 11,599,200	\$ -	\$ -
UCU	1568168	KCPL	MPS	50	6/1/2010	6/1/2016			\$ -	\$ 5,799,600	\$ -	\$ -
UCU	1568169	KCPL	MPS	50	6/1/2010	6/1/2016			\$ -	\$ 5,799,600	\$ -	\$ -
									\$ -	\$ 23,198,400	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1568167	None					\$ -	\$ -	\$ -
						Total	\$ -	\$ -
1568168	None					\$ -	\$ -	\$ -
						Total	\$ -	\$ -
1568169	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 Service Date	Redispatch Available
1568167	ADRIAN 161kV 20MVAR CAP BANK	6/1/2014	6/1/2014		
1568168	ADRIAN 161kV 20MVAR CAP BANK	6/1/2014	6/1/2014		
1568169	ADRIAN 161kV 20MVAR CAP BANK	6/1/2014	6/1/2014		

Credits may be required for the following network upgrades directly assigned to transmission customers in previous aggregate study.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1568167	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
1568168	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
1568169	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		

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	CHAPEL HILL REC - WELSH REC 138KV CKT 1	Replace line switches on both ends	6/1/2015	6/1/2015	\$ 175,000
AEPW	EASTON REC - PIRKEY 138KV CKT 1	Indeterminate	6/1/2012	6/1/2012	\$ -
AEPW	RIVERSIDE STATION - TULSA POWER STATION 138KV CKT 1	Install 2% Reactor at Tulsa Power Station	6/1/2012	6/1/2012	\$ 800,000
AEPW	ROCK HILL - SPRINGRIDGE PAN-HARR REC 138KV CKT 1	Rebuild line	6/1/2012	6/1/2013	\$ -
AEPW	SOUTHWEST SHREVEPORT - SPRINGRIDGE PAN-HARR REC 138KV CKT 1	Rebuild 7.11 miles of 397.5 ACSR with 1272 ACSR	6/1/2012	6/1/2013	\$ 7,200,000
AEPW	TEXAS EASTMAN - WHITNEY 138KV CKT 1	Rebuild 2.49 miles with 1590 ACSR. Replace wavetraps & jumpers @ Whitney. Replace metering CT @ Texas Eastman	6/1/2012	6/1/2013	\$ 2,800,000
AEPW	WELSH REC - WILKES 138KV CKT 1	Replace line switches and switch 1L76 @ Wilkes	6/1/2015	6/1/2015	\$ 250,000
MIDW	HUNTSVILLE - HUTCHINSON ENERGY CENTER 115KV CKT 1 MIDW Displacement	Tear down and rebuild 73.4% Ownership 28.79 mile HEC-Huntsville 115 kV line and replace CT, wavetraps and relays.	6/1/2010	6/1/2014	\$ 11,885,625
MIPU	NASHUA - SMITHVILLE 161KV CKT 1	Indeterminate	6/1/2011	6/1/2011	\$ -
MIPU	PLATTE CITY - SMITHVILLE 161KV CKT 1 #2	Indeterminate	6/1/2010	6/1/2010	\$ -
MKEC	CLEARWATER - MILAN TAP 138KV CKT 1 MKEC Displacement	Rebuild MKEC portion of the Clearwater-Milan tap 115 kV with bundled 1192.5 kcmil ACSR conductor (Bunting)	6/1/2014	6/1/2014	\$ 3,150,000
NPPD	BEATRICE - HARBINE 115KV CKT 1	Reconductor and upgrade terminal equipment to effect higher rating by 2019. 240 MVA Normal Continuous Rating.	6/1/2019	6/1/2019	\$ 4,418,750
NPPD	CANADAY - LEXINGTON 115KV CKT 1	Indeterminate	12/1/2010	12/1/2010	\$ -
NPPD	FIRTH - SHELDON 115KV CKT 1	Indeterminate	6/1/2019	6/1/2019	\$ -
NPPD	STEELEC7 115.00 115KV Capacitor	STEELEC7 115.00 115KV 15 MVAR Capacitor Addition	6/1/2014	6/1/2014	\$ 607,500
NPPD	STERLING 115/69KV TRANSFORMER CKT 1	Indeterminate	6/1/2019	6/1/2019	\$ -
OPPD	HYDROCARBON TAP - SUB 970 69KV CKT 1	Indeterminate	6/1/2019	6/1/2019	\$ -
OPPD	HYDROCARBON TAP - SUB 974 69KV CKT 1	Indeterminate	6/1/2019	6/1/2019	\$ -
OPPD	SUB 1206 T1 MIDPT 161/69KV TRANSFORMER CKT 1 #2	Indeterminate	6/1/2012	6/1/2012	\$ -
OPPD	SUB 1206 T2 MIDPT 161/69KV TRANSFORMER CKT 1 #2	Indeterminate	6/1/2010	6/1/2012	\$ -
OPPD	SUB 1221 - SUB 1255 161KV CKT 1 #2	Indeterminate	6/1/2015	6/1/2015	\$ -
OPPD	SUB 1233 - SUB 1255 161KV CKT 1 #2	Indeterminate	6/1/2015	6/1/2015	\$ -
OPPD	SUB 906 SOUTH - SUB 924 69KV CKT 1	Indeterminate	6/1/2019	6/1/2019	\$ -
SPS	BOWERS INTERCHANGE 115/69KV TRANSFORMER CKT 2 Displacement	Add 2nd transformer at Bowers Interchange	6/1/2011	6/1/2013	\$ 1,890,000
SPS	BUSHLAND INTERCHANGE - DEAF SMITH COUNTY INTERCHANGE 230KV CKT 1 Redispatch	Interim Redispatch	12/1/2010	12/1/2010	\$ -
SPS	CARLSBAD INTERCHANGE - PECOS INTERCHANGE 115KV CKT 1	Indeterminate	6/1/2011	6/1/2011	\$ -
SPS	CARLSBAD INTERCHANGE - POTASH JUNCTION INTERCHANGE 115KV CKT 1	Indeterminate	6/1/2011	6/1/2011	\$ -
SPS	COULTER INTERCHANGE - PUCKETT SUB 115KV CKT 1	Indeterminate	6/1/2014	6/1/2014	\$ -
SPS	CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1	Indeterminate	6/1/2011	6/1/2011	\$ -
SPS	CUNNINGHAM STATION - HOBBS INTERCHANGE 115KV CKT 1	Indeterminate	6/1/2011	6/1/2011	\$ -
SPS	CUNNINGHAM STATION - LEA COUNTY INTERCHANGE 230KV CKT 1	Indeterminate	6/1/2011	6/1/2011	\$ -
SPS	CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1	Indeterminate	6/1/2011	6/1/2011	\$ -
SPS	GRAPEVINE INTERCHANGE - KIRBY SWITCHING STATION 115KV CKT 1	Indeterminate	6/1/2011	6/1/2011	\$ -
SPS	HITCHLAND INTERCHANGE 230/115KV TRANSFORMER CKT 1 Redispatch	Interim Redispatch	6/1/2010	6/1/2010	\$ -
SPS	HOBBS INTERCHANGE - MILLEN SUB 115KV CKT 1	Indeterminate	6/1/2014	6/1/2014	\$ -
SPS	HOBBS INTERCHANGE 230/115KV TRANSFORMER CKT 1	Indeterminate	6/1/2011	6/1/2011	\$ -
SPS	LUBBOCK POWER & LIGHT-HOLLY PLANT 230/69KV TRANSFORMER CKT 1	Indeterminate	6/1/2011	6/1/2011	\$ -
SPS	LUBBOCK POWER & LIGHT-SOUTHEAST 230/69KV TRANSFORMER CKT 1	Indeterminate	6/1/2011	6/1/2011	\$ -
SPS	OXY PERMIAN SUB - SANGER SWITCHING STATION 115KV CKT 1	Indeterminate	6/1/2014	6/1/2014	\$ -
SPS	OXY PERMIAN SUB - WEST BENDER SUB 115KV CKT 1	Indeterminate	6/1/2014	6/1/2014	\$ -
SPS	PACIFIC SUB - SUNDOWN INTERCHANGE 115KV CKT 1	Indeterminate	6/1/2019	6/1/2019	\$ -
SPS	TOLK STATION EAST - TUCO INTERCHANGE 230KV CKT 1	Indeterminate	6/1/2011	6/1/2011	\$ -
SPS	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1 Redispatch	Interim Redispatch	12/1/2010	12/1/2010	\$ -
SUNC	CIMARRON RIVER PLANT - HAYNE 115KV CKT 1	Indeterminate	6/1/2010	6/1/2010	\$ -
SUNC	CIMARRON RIVER TAP - EAST LIBERAL 115KV CKT 1	Indeterminate	6/1/2012	6/1/2012	\$ -
SUNC	CIMARRON RIVER TAP - KISMET 3 115.00 115KV CKT 1	Indeterminate	6/1/2019	6/1/2019	\$ -
SUNC	CONCORDIA (CONCORDIA) 230/115/13.8KV TRANSFORMER CKT 1	Indeterminate	6/1/2010	6/1/2010	\$ -
SUNC	CTU SUBLETTE - HASKELL 115KV CKT 1	Indeterminate	6/1/2011	6/1/2011	\$ -
SUNC	CTU SUBLETTE - PIONEER TAP 115KV CKT 1	Indeterminate	6/1/2011	6/1/2011	\$ -
SUNC	CUDAHY - JUDSON LARGE 115KV CKT 1	Indeterminate	6/1/2011	6/1/2011	\$ -
SUNC	CUDAHY - KISMET 3 115.00 115KV CKT 1	Indeterminate	6/1/2019	6/1/2019	\$ -
SUNC	FLETCHER - HOLCOMB 115KV CKT 1	Indeterminate	6/1/2010	6/1/2010	\$ -
SUNC	HARPER - MILAN TAP 138KV CKT 1	Indeterminate	6/1/2014	6/1/2014	\$ -
SUNC	HARPER (HARPER 4) 138/34.5/8.66KV TRANSFORMER CKT 1	Indeterminate	6/1/2010	6/1/2010	\$ -
SUNC	HASKELL - SEWARD-3 115KV CKT 1	Indeterminate	6/1/2011	6/1/2011	\$ -
SUNC	HAYNE - NORTH LIBERAL TAP 115KV CKT 1	Indeterminate	6/1/2010	6/1/2010	\$ -
SUNC	HOLCOMB - PLYMELL 115KV CKT 1 #2	Indeterminate	6/1/2010	6/1/2010	\$ -
SUNC	IONIA 3 115.00 - JEWELL 3 115KV CKT 1	Indeterminate	6/1/2010	6/1/2010	\$ -
SUNC	IONIA 3 115.00 - SMITH CENTER 115KV CKT 1	Indeterminate	6/1/2010	6/1/2010	\$ -
SUNC	JUDSON LARGE - NORTH JUDSON LARGE SUB 115KV CKT 1	Indeterminate	6/1/2010	6/1/2010	\$ -
SUNC	PIONEER TAP - PLYMELL 115KV CKT 1 #2	Indeterminate	6/1/2010	6/1/2010	\$ -
SUNC	SPEARVILLE - JUDSON LARGE 230 KV CKT 1	Indeterminate	6/1/2019	6/1/2019	\$ -
WERE	CLEARWATER - MILAN TAP 138KV CKT 1 WERE Displacement	Rebuild Westar portion of the Clearwater-Milan tap 115 kV with bundled 1192.5 kcmil ACSR conductor (Bunting)	6/1/2014	6/1/2014	\$ 3,431,250
WERE	EAST MANHATTAN - NWMANHT6 230.00 230KV CKT 1	Indeterminate	6/1/2019	6/1/2019	\$ -
WERE	HUNTSVILLE - HUTCHINSON ENERGY CENTER 115KV CKT 1 WERE Displacement	Tear down and rebuild 26.6% Ownership 28.79 mile HEC-Huntsville 115 kV line and replace CT, wavetraps and relays.	6/1/2010	6/1/2014	\$ 4,308,750

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

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

Transmission Owner	Upgrade	Solution	Earliest Date Upgrade Required (DUN)	Estimated Date of Upgrade Completion (EOC)
AEPW	BARTLESVILLE SOUTHEAST - NORTH BARTLESVILLE 138KV CKT 1	Rebuild 8.37 miles of 795 ACSR with 1590 ACSR & reset relays @ BSE	12/1/2010	6/1/2011
OKGE	ARCADIA (ARCADIA2) 345/138/13.8KV TRANSFORMER CKT 1	Add 3rd 345/138KV Auto and convert the 345kV and 138kV to a breaker and a half configuration.	6/1/2011	6/1/2013
SPRM	BROOKLINE - JUNCTION 161KV CKT 1	Brookline: Replace 1,200 amp switches with 2,000 amp units and replace metering CTs. Junction: Replace 1,200 amp switches with 2,000 amp units.	6/1/2019	6/1/2019
SUNC	MEDICINE LODGE - PRATT 115KV CKT 1	Rebuild 26 mile line	6/1/2010	6/1/2013
SUNC	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	Upgrade to 100/147/170MVA transformer	6/1/2010	4/1/2011
WERE	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	Rebuild 7.2 miles with 954 kcmil ACSR (138kV/69kV Operation)	6/1/2011	7/1/2013
WERE	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	Rebuild 4.1 miles with 954 kcmil ACSR (138kV/69kV Operation)	6/1/2011	1/1/2013
WERE	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	Rebuild 9.22 miles with 954 kcmil ACSR (138kV/69kV Operation)	6/1/2011	4/1/2014
WERE	GILL ENERGY CENTER EAST - MACARTHUR 69KV CKT 1 Displacement	Rebuild 5.56-mile line, 954 ACSR	6/1/2014	6/1/2014
WERE	LEHIGH TAP - OWL CREEK 69KV CKT 1	Tear down / Rebuild 0.91-mile 69 kV line; 954-KCM ACSR (138kV/69kV Operation)	6/1/2011	12/1/2011
WERE	MACARTHUR - OATVILLE 69KV CKT 1 Displacement	Replace the 69 kV bus and jumpers on the Oatville-Mac Arthur 69 kV line.	6/1/2014	6/1/2014
WERE	NEOSHO - NORTHEAST PARSONS 138KV CKT 1	Replace bus and Jumpers at NE Parsons 138 kV substation	6/1/2010	6/1/2011
WERE	ROSE HILL (ROSEHLX) 345/138/13.8KV TRANSFORMER CKT 3 Displacement	Add third 345-138 kV transformer at Rose Hill	6/1/2010	6/1/2011

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)
		Tear down the Riverton to Joplin 59 69 kV line, rebuilding the line to 161 kV from Stateline to outside Joplin 59 sub. Tear down and rebuild Joplin 59 to Gateway to Pillsbury to Reinmiller, converting those 69 kV lines to 161 kV. Tap the 161 kV line betwe		
EMDE	Multi - Stateline - Joplin - Reinmiller conversion		6/1/2017	6/1/2017
MIDW	KINSLEY 115KV Capacitor	Install 5 MVAR capacitors at Kinsley 115 kV	6/1/2010	6/1/2011
MIDW	PAWNEE 115KV Capacitor	Install 5 MVAR capacitors at Pawnee 115 kV	6/1/2010	6/1/2011
MIPU	South Harper 161 kV cut-in to Stilwell-Archie JCT 161 kV line	To tap Stilwell-Archie JCT 161 kV line into South Harper 161 kV sub and make it two new 161 kV sections: Stilwell-South Harper and Archie JCT- South Harper .	6/1/2010	6/1/2011
OKGE	RUSSETT - RUSSETT 138KV CKT 1 OKGE	Replace trap and increase CTR. Pending verification of relays.	12/1/2011	6/1/2012
SUNC	HOLCOMB - PLYMELL 115KV CKT 1	Rebuild Holcomb to Plymell	6/1/2010	6/1/2010
SUNC	PIONEER TAP - PLYMELL 115KV CKT 1	Rebuild Plymell to Pioneer Tap	6/1/2010	6/1/2010
WERE	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	Uprate JEC- E. Manhattan 230 kV line to 100 deg C operation by raising structures	6/1/2010	6/1/2012
WERE	EAST MANHATTAN - NW MANHATTAN 230/115KV	Tap the Concordia - East Manhattan 230kV line and add a new substation "NW Manhattan"; Add a 230kV/115kV transformer and tap the KSU - Wildcat 115kV line into NW Manhattan	6/1/2010	12/1/2011
WERE	East Manhattan to McDowell 230 kV	The East Manhattan-McDowell 115 kV is built as a 230 kV line, but is operated at 115 kV. Substation work will have to be performed in order to convert this line.	6/1/2010	6/1/2012
WERE	KELLY - SOUTH SENECA 115KV CKT 1	Rebuild 10.28 mile line with 1192.5 kcmil ACSR and replace CTs.	6/1/2010	12/1/2010
WFEC	RUSSETT - RUSSETT 138KV CKT 1 WFEC		12/1/2011	6/1/2012

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

Reliability Projects - The requested service is contingent upon completion of the following upgrades. Cost is not assignable to the transmission customer.				
Transmission Owner	Upgrade	Solution	Earliest Date Upgrade Required (DUN)	Estimated Date of Upgrade Completion (EOC)
AEPW	ASHDOWN WEST - CRAIG JUNCTION 138KV CKT 1	Rebuild 2.45 miles of 795 ACSR with 1590 ACSR and reset relays	6/1/2015	6/1/2015
AEPW	BETHEL - BROKEN BOW 138KV CKT 1	Rebuild 9.19 miles of 3/0 Copperweld with 795 ACSR	6/1/2015	6/1/2015
AEPW	BIG SANDY - HAWKINS 69KV CKT 1	Rebuild 5.5 miles of 477 ACSR with 1272 ACSR	6/1/2015	6/1/2015
AEPW	BIG SANDY - PERDUE 69KV CKT 1	Rebuild 5.4 miles of 477 ACSR with 1272 ACSR	6/1/2015	6/1/2015
AEPW	BROKEN ARROW NORTH - SOUTH TAP - ONETA 138KV CKT 1	Rebuild 4.33 of 795 ACSR with 1590 ACSR. Replace Oneta wavetrapp & Jumpers	6/1/2015	6/1/2015
AEPW	CARNEGIE - HOBART JUNCTION 138KV CKT 1	Rebuild 26.15 of 397 ACSR with 1272 ACSR and replace switches, wavetrapp, jumpers, & reset CT @ Hobart Jct.	6/1/2015	6/1/2015
AEPW	CARNEGIE - SOUTHWESTERN STATION 138KV CKT 1	Rebuild 14.37 miles of 397 ACSR with 1272 ACSR, replace sub conductor at Fort Cobb Natural Gas, and replace wave trap and jumpers at Southwestern Station	6/1/2015	6/1/2015
AEPW	CARTHAGE REC POD - ROCK HILL 138KV CKT 1	Replace transformer differential relay and reset cts	6/1/2015	6/1/2015
AEPW	ELK CITY (ELKCTY-4) 138/69/13.8KV TRANSFORMER CKT 1	Replace 69 kVswitches	6/1/2015	6/1/2015
AEPW	ELK CITY 69KV CAPACITOR	Install 9.6 MVAR capacitor bank @ Elk City 138	6/1/2010	6/1/2012
AEPW	GEORGIA-PACIFIC - KEATCHIE REC 138KV CKT 1	Rebuild 12.63 miles of 795 ACSR with 1272 ACSR	6/1/2015	6/1/2015
AEPW	MARSHALL (MARSH 1) 138/69/12.47KV TRANSFORMER CKT 1	Replace 1033 AAC Jumpers	6/1/2015	6/1/2015
AEPW	MARSHALL (MARSH 2) 138/69/12.47KV TRANSFORMER CKT 2	Replace 1033 AAC Jumpers	6/1/2015	6/1/2015
AEPW	Pittsburg-McAlester City 138 kV	Pittsburg-McAlester City 138 kV line & Pittsburg 345-138 kV auto	6/1/2019	6/1/2019
AEPW	PRYOR JUNCTION (PRY-JCT1) 115/69/13.8KV TRANSFORMER CKT 1	Replace (3) 600 A switches with 1200 A switches replace	6/1/2015	6/1/2015
AEPW	SAND SPRINGS - SHEFFIELD 138KV CKT 1		6/1/2015	6/1/2015
AEPW	SOUTH COFFEYVILLE CITY 138KV CAP BANK	add additional cap banks at south Coffeyville	6/1/2011	6/1/2011
GRDA	AFTON - FAIRLAND EDE TAP 69KV CKT 1	Indeterminate	12/1/2014	12/1/2014
GRDA	AFTON (AFTAUTO1) 161/69/13.9KV TRANSFORMER CKT 1	Add a second 50 MVA Transformer at Afton Substation.	6/1/2010	6/1/2011
GRDA	STROUD CITY 69KV	Add 7.2Mvar at Stroud	6/1/2010	6/1/2011
MIDW	HEIZER - MULLERGREEN 115 KV CKT 1	Close Heizer - Mullergren 115 KV	6/1/2010	6/1/2011
MIPU	ADRIAN 161KV 20MVAR CAP BANK	Add 20 Mvar cap bank at Adrian 161 kv Sub	6/1/2014	6/1/2014
MIPU	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1	Replace wavetraps at Longview and Western Electric	6/1/2018	6/1/2018
MIPU	MIDWAY - ST JOE 161KV CKT 1	Upgrade to 795 26/7 ACSR Conductor	6/1/2013	6/1/2013
OKGE	FPL SWITCH - WOODWARD 138KV CKT 1	Reconductor/rebuild 12.07 miles of line to 795AS33.	6/1/2015	6/1/2015
OKGE	OMPA-PONCA CITY - OSAGE 69KV CKT 1	Increase 800 amp to 1200 amp	6/1/2011	6/1/2012
OPPD	991 TAP 69KV	Indeterminate	12/1/2010	12/1/2010
OPPD	FREMONT SUB A 69KV	Indeterminate	12/1/2010	12/1/2010
OPPD	FREMONT SUB B 69KV	Indeterminate	12/1/2010	12/1/2010
OPPD	FREMONT SUB C 69KV	Indeterminate	12/1/2010	12/1/2010
OPPD	FREMONT SUB D 69KV	Indeterminate	12/1/2010	12/1/2010
OPPD	FREMONT SUB E 69KV	Indeterminate	12/1/2010	12/1/2010
OPPD	FREMONT SUB F 69KV	Indeterminate	12/1/2010	12/1/2010
OPPD	FREMONT SUB G 69KV	Indeterminate	12/1/2010	12/1/2010
OPPD	MAGELLAN 69KV	Indeterminate	6/1/2019	6/1/2019
OPPD	MAGELLAN TAP 69KV	Indeterminate	6/1/2019	6/1/2019
OPPD	NEB CITY U SUB 903 69KV	Indeterminate	6/1/2019	6/1/2019
OPPD	NEHAWKA 69KV	Indeterminate	6/1/2019	6/1/2019
OPPD	SUB 1206 T1 MIDPT 161/69KV TRANSFORMER CKT 1 #1	Uprate 69-kV terminal facilities so that the overall facility rating is 201.6 MVA	6/1/2010	6/1/2012
OPPD	SUB 1206 T2 MIDPT 161/69KV TRANSFORMER CKT 1 #1	Uprate 69-kV terminal facilities so that the overall facility rating is 201.6 MVA	6/1/2010	6/1/2012
OPPD	SUB 1221 - SUB 1255 161KV CKT 1 #1	Replace terminal facilities so that the overall facility rating is 352 MVA	6/1/2014	6/1/2014
OPPD	SUB 1233 - SUB 1255 161KV CKT 1 #1	Increase line clearances to allow the use of a higher conductor rating.	6/1/2014	6/1/2014
OPPD	SUB 904 - SUB 906 SOUTH 69KV CKT 1	Indeterminate	6/1/2016	6/1/2016
OPPD	SUB 906 NORTH - SUB 928 69KV CKT 1	Indeterminate	6/1/2012	6/1/2012
OPPD	SUB 906 NORTH - SUB 938 69KV CKT 1	Indeterminate	6/1/2010	6/1/2010
OPPD	SUB 906 SOUTH - SUB 938 69KV CKT 1	Indeterminate	6/1/2010	6/1/2010
OPPD	SUB 921 - SUB 942 69KV CKT 1	Indeterminate	6/1/2012	6/1/2012
OPPD	SUB 962 69KV	Indeterminate	6/1/2019	6/1/2019
OPPD	SUB 963 - SUB 977 69KV CKT 1	Indeterminate	6/1/2014	6/1/2014
OPPD	SUB 963 - WEST BROCK 69KV CKT 1	Indeterminate	6/1/2010	6/1/2010
OPPD	SUB 964 69KV	Indeterminate	6/1/2019	6/1/2019
OPPD	SUB 976 69KV	Indeterminate	12/1/2010	12/1/2010
OPPD	SUB 977 69KV	Indeterminate	6/1/2019	6/1/2019
OPPD	SUB 984 69KV	Indeterminate	6/1/2019	6/1/2019
OPPD	SUB 991 69KV	Indeterminate	12/1/2010	12/1/2010
OPPD	SUB 992 69KV	Indeterminate	12/1/2010	12/1/2010
OPPD	SUB 993 69KV	Indeterminate	6/1/2019	6/1/2019
SPRM	JAMES RIVER - TWIN OAKS 69KV CKT 1	Reconductor 69kV line from 636 ACSR to 762.8 ACSS/TW	6/1/2018	6/1/2018
SPRM	Multi - Brookline - Summit 345 kV		6/1/2012	6/1/2014
SPS	AMARILLO SOUTH INTERCHANGE - FARMERS SUB 115KV CKT 1	Reconductor 115 kV circuit 2.35 miles with 795 kcmil conductor	6/1/2015	6/1/2015
SPS	ARTESIA INTERCHANGE - CENTRAL VALLEY REC-ARTESIA 69KV CKT 1	reconductor Artesia - CV-Artesia 0.45 miles 4/0 to 397.5 ACSR	6/1/2014	6/1/2014
SPS	ARTESIA INTERCHANGE - EAGLE CREEK 115KV CKT 2	Build 0.57 mile 2nd circuit from Artesia - Eagle Creek	6/1/2011	6/1/2013
SPS	ARTESIA INTERCHANGE 115/69KV TRANSFORMER CKT 1	Indeterminate	6/1/2019	6/1/2019
SPS	ARTESIA INTERCHANGE 115/69KV TRANSFORMER CKT 2	Indeterminate	6/1/2019	6/1/2019
SPS	BORDEN COUNTY INTERCHANGE - MIDLAND COUNTY INTERCHANGE 345 KV CKT 1	Build new 345KV line from Borden to Midland 75 miles and operate at 230 kV	6/1/2011	6/1/2013
SPS	BORDEN COUNTY INTERCHANGE 230/138KV TRANSFORMER CKT 2	Add second 230/138 KV transformer at Borden	6/1/2015	6/1/2015
SPS	BOWERS INTERCHANGE 115KV	Indeterminate	6/1/2019	6/1/2019
SPS	BUCKEYE TAP - CUNNINGHAM STATION 115KV CKT 1	Reconductor 115 kV circuit 8.55 miles with 795 kcmil conductor	6/1/2012	6/1/2013
SPS	CANADIAN SUB 69KV	Indeterminate	6/1/2014	6/1/2014
SPS	CARLISLE - WOLFFORTH 230 KV CKT 1	Build new 230kV line from Carlisle to Wolfforth So. 12 miles	6/1/2011	6/1/2013
SPS	CARLSBAD INTERCHANGE 115/69KV TRANSFORMER CKT 1	Indeterminate	6/1/2010	6/1/2010
SPS	CARLSBAD INTERCHANGE 115/69KV TRANSFORMER CKT 2	Indeterminate	6/1/2010	6/1/2010
SPS	CHAVES COUNTY INTERCHANGE - SAMSON SUB 115KV CKT 1	Reconductor 115 kV circuit 7.78 miles with 795 kcmil conductor	6/1/2017	6/1/2017
SPS	CHAVES COUNTY INTERCHANGE - URTON SUB 115KV CKT 1	Reconductor 115 kV circuit 3.7 miles with 795 kcmil conductor	6/1/2018	6/1/2018
SPS	CHAVES COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 2	Indeterminate	6/1/2015	6/1/2015
SPS	CHERRY SUB - NORTHWEST INTERCHANGE 115KV CKT 1	Indeterminate	6/1/2017	6/1/2017

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

SPS	CHERRY SUB 230/115 KV TRANSFORMER CKT 1	Tap Harrington - Potter 230 kV and step down to 115 at Cherry Sub.	6/1/2014	6/1/2014
SPS	DEAF SMITH - PANDA 115 KV CKT 1	Reconductor 115 kv circuit 1.0 miles with 4/0 AS kcmil conductor	6/1/2010	6/1/2012
SPS	DEAF SMITH COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 1	Indeterminate	6/1/2011	6/1/2011
SPS	DEAF SMITH COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 2	Indeterminate	6/1/2011	6/1/2011
SPS	EAST PLANT INTERCHANGE - MANHATTAN SUB 115KV CKT 1	Reconductor 2.24 mile 795 acsr	6/1/2011	6/1/2013
SPS	EDDY COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 1	Upgrade transformer to 250 MVA	6/1/2018	6/1/2018
SPS	FRIO-DRAW - POTTER 345 KV	Build new 345 kV line from Potter to new Frio-Draw substation at Roosevelt. Build 345/230 kV and 230/115 kV transformers at Frio-Draw substation. Build new line Roosevelt N - Frio-Draw - Oasis 230 kV.	6/1/2013	6/1/2013
SPS	HASTINGS 115 KV CONVERSION	Convert Hastings Sub to 115 kv. Build Bush - Hastings - East Plant 397 ACSR.	6/1/2014	6/1/2014
SPS	KRESS CAPACITOR	add 28 MVAR cap bank at Kress 115 KV	6/1/2015	6/1/2015
SPS	LEA COUNTY ERF PROJECT	Build new Lea County Ancell - Gaines 69kV line, Build new Lea County TP-91 to Darby 69kV line, Build new ERF3 substation with new 44MVA 115/69kV transformer	6/1/2011	6/1/2014
SPS	LEA COUNTY REC - MHOOON - LEA COUNTY REC-LOVINGTON INTERCHANGE 69KV CKT 1	Indeterminate	6/1/2011	6/1/2011
SPS	LEA COUNTY REC-ALLRED 69KV	Indeterminate	6/1/2014	6/1/2014
SPS	LEA COUNTY REC-BRONCO 69KV	Indeterminate	6/1/2019	6/1/2019
SPS	LEA COUNTY REC-BRONCO TAP 69KV	Indeterminate	6/1/2019	6/1/2019
SPS	LEA COUNTY REC-LEWIS 69KV	Indeterminate	6/1/2019	6/1/2019
SPS	LEA COUNTY REC-LOVINGTON INTERCHANGE 115/69KV TRANSFORMER CKT 1	Indeterminate	6/1/2011	6/1/2011
SPS	LEA COUNTY REC-NEWTEX 69KV	Indeterminate	6/1/2019	6/1/2019
SPS	LEA COUNTY REC-PLAINS INTERCHANGE 115/69KV TRANSFORMER CKT 1	Indeterminate	6/1/2017	6/1/2017
SPS	LEA COUNTY REC-PLAINS INTERCHANGE 115KV	Indeterminate	6/1/2014	6/1/2014
SPS	LEA COUNTY REC-PLAINS INTERCHANGE 69KV	Indeterminate	6/1/2014	6/1/2014
SPS	LEA COUNTY REC-PLAINS SUB 69KV	Indeterminate	6/1/2014	6/1/2014
SPS	LEA COUNTY REC-PLAINS TAP 69KV	Indeterminate	6/1/2014	6/1/2014
SPS	LEA COUNTY REC-SAN ANDRES INTERCHANGE 115/69KV TRANSFORMER CKT 1	Indeterminate	6/1/2011	6/1/2011
SPS	LEA COUNTY REC-SAN ANDRES INTERCHANGE 115KV	Indeterminate	6/1/2011	6/1/2011
SPS	LEA COUNTY REC-TP51 - LEA COUNTY REC-TP91 69KV CKT 1	Indeterminate	6/1/2012	6/1/2012
SPS	LEA COUNTY REC-WAITS INTERCHANGE 115/69KV TRANSFORMER CKT 1	Indeterminate	6/1/2012	6/1/2012
SPS	LE-CAPROCK 269.000 69KV	Indeterminate	6/1/2011	6/1/2011
SPS	LE-PRICE 269.000 69KV	Indeterminate	6/1/2019	6/1/2019
SPS	LYNTEGAR REC-PLAINS 115KV	Indeterminate	6/1/2014	6/1/2014
SPS	MADDOX STATION - MONUMENT SUB 115KV CKT 1	Reconductor 3.36 miles with 795 ACSR	6/1/2014	6/1/2014
SPS	MADDOX STATION - SANGER SWITCHING STATION 115KV CKT 1	Reconductor line	6/1/2011	6/1/2012
SPS	MANHATTAN TAP - OSAGE SWITCHING STATION 115KV CKT 1	Indeterminate	6/1/2011	6/1/2011
SPS	MIDLAND CAPACITORS	Add 50 MVAR cap bank at Midland 138 kv and 14.4 MVAR cap bank at Caprock REC-Midkiff 138 kv	6/1/2011	6/1/2013
SPS	MIDLAND COUNTY INTERCHANGE 230/138KV TRANSFORMER CKT 2	Add second 230/138 KV transformer at Midland	6/1/2011	6/1/2013
SPS	NEWHART 230/115 KV TRANSFORMER CKT 2	add second Newhart transformer	6/1/2015	6/1/2015
SPS	NEWHART INTERCHANGE PROJECT	Add Newhart 230 kv bus tapping Plant X - Potter 230 kv. Build Newhart - Swisher County Interchange 230 kv. Add Newhart 115 kv bus and build new 115 kv line from Castro - Newhart - Kress. Add Newhart 230/115 kv Transformer (copy of Pecos 150 MVA). Buil	6/1/2011	6/1/2013
SPS	NICHOLS - RANDALL - AMARILLO SOUTH 230 KV CKT 1	Rebuil Nichols - Randall 230 line, tie into Randall sub	6/1/2010	6/1/2013
SPS	NICHOLS STATION - WHITAKER SUB 115KV CKT 1	Indeterminate	6/1/2014	6/1/2014
SPS	NORTH PLAINS REC-MIAMI 69KV	Indeterminate	6/1/2019	6/1/2019
SPS	OSAGE SWITCHING STATION - SOUTH GEORGIA INTERCHANGE 115KV CKT 1	Reconductor with 795 ACSR	6/1/2011	6/1/2013
SPS	PORTALES INTERCHANGE 115/69KV TRANSFORMER CKT 1	Indeterminate	6/1/2013	6/1/2013
SPS	PORTALES INTERCHANGE 115/69KV TRANSFORMER CKT 2	Indeterminate	6/1/2013	6/1/2013
SPS	POTTER - ANADARKO 345 KV	Build new 345 kV line from Potter to Midpoint Bus (Stateline) to Anadarko.	6/1/2011	6/1/2014
SPS	RANDALL 230/115 KV TRANSFORMER CKT 2	add new 230/115 kv transformer at Randall	6/1/2010	6/1/2013
SPS	ROBERTS COUNTY SUB 69KV	Indeterminate	6/1/2019	6/1/2019
SPS	ROOSEVELT 230/115 KV TRANSFORMER CKT 2	add second 230/115 kv transformer at Roosevelt	6/1/2011	6/1/2013
SPS	ROSWELL INTERCHANGE 115/69KV TRANSFORMER CKT 3	Add third xlmr at Roswell	6/1/2011	6/1/2013
SPS	SPSNORTH 5TH	Indeterminate	12/1/2010	12/1/2010
SPS	SUNDOWN INTERCHANGE 230/115KV TRANSFORMER CKT 1	Indeterminate	6/1/2019	6/1/2019
SPS	SWISHER CAPACITOR	add 28 MVAR cap bank at Swisher 115 KV	6/1/2015	6/1/2015
SPS	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 1	Indeterminate	12/1/2010	12/1/2010
SPS	TUCO INTERCHANGE (GE M1022338) 345/230/13.2KV TRANSFORMER CKT 2	Indeterminate	6/1/2017	6/1/2017
SPS	TUCO INTERCHANGE 230/115KV TRANSFORMER CKT 3	add 3rd transformer at Tuco	6/1/2016	6/1/2016
SPS	WHEELER 230 KV CAPACITOR	Install 100 MVAR capacitor bank at Wheeler	6/1/2017	6/1/2017
SUNC	PRATT - ST JOHN 115 KV CKT 1	Rebuild and reconductor the St. John - Pratt 115 kv line with 795 ACSR conductor	6/1/2010	6/1/2013
SUNC	SEWARD - ST JOHN 115KV CKT 1	Rebuild Seward - St John 115kv Line	6/1/2010	6/1/2013
WERE	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 2	Add second Auburn 230-115 kv transformer.	6/1/2015	6/1/2015
WERE	CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1	Reset terminal equipment	12/1/2011	12/1/2011
WERE	CLEARWATER - GILL - GODDARD - EVANS ENERGY CENTER SOUTH 115 KV CKT 1	Rebuild each seccion with bundled 1192.5 kcmil ACSR Conductor (Bunting)	6/1/2010	6/1/2013
WERE	CLEARWATER - GILL ENERGY CENTER WEST 138KV CKT 1	Tear down and rebuild 7.88 mile	6/1/2010	6/1/2013
WERE	COUNTY LINE - HOOK JCT 115KV CKT 1	Tear down and rebuild 2.52-mile County Line-Hook Jct 115 kv line, 1192 ACSR.	6/1/2017	6/1/2017
WERE	EVANS ENERGY CENTER SOUTH - GODDARD4 138.00 - CLEARWATER 138KV CKT 1	Build a new 138kV line from Clearwater and a new 138kV line from Evans to serve the new Goddard substation	6/1/2010	6/1/2012
WERE	GILL ENERGY CENTER EAST - GILLJCT2 69.000 69KV CKT 1	Tear down / Rebuild 3.55-mile Gill-Gill Junction 69 kv line using 954 kcmil ACSR	6/1/2014	6/1/2014
WERE	HOOK JCT - TECUMSEH ENERGY CENTER 115KV CKT 1	Tear down and rebuild TEC - Hook Jct - County Line 115 kv.	6/1/2016	6/1/2016
WFEC	2003-05T 138138.00 - PARADISE 138KV CKT 1	Upgrade Anadarko to Snyder SW, 477 to 1113; upgrade terminal equipment at Snyder	6/1/2015	6/1/2015
WFEC	ALTUS SW - NAVAJO 69KV CKT 1	Upgrade Terminal Equipment at Altus SW, 300-600A, new rating conductor 53/65MVA	6/1/2010	6/1/2012
WFEC	ELECTRA SW 69KV CAP BANK	Add 6 Mvar capacitor at Electra 69 kv bus for a total of 18 MVAR at this location	6/1/2015	6/1/2015
WFEC	GYPSUM 69KV CAPACITOR	STEP Project: Gypsum Cap Bank, WFEC will install 6MVar rather than the proposed 3MVar	6/1/2015	6/1/2015
WFEC	Norman Area Voltage Conversion	Convert Canadian - OU - Cole - Criner to 138 KV and Canadian-Goldsby-OU-W Norman-Acme-Franklin	6/1/2011	6/1/2013
WFEC	SNYDER - TIPTON JCT 69KV CKT 1	Upgrade Snyder CTs, 400-600A, new rating will be conductor, 53/65	6/1/2010	6/1/2012

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

Previously Assigned Aggregate Study Upgrades requiring credits to Previous Aggregate Study Customers.

Transmission Owner	Upgrade	Solution	Earliest Date Upgrade Required (DUN)	Estimated Date of Upgrade Completion (EOC)
AEPW	BANN - RED SPRINGS REC 138KV CKT 1	Replace 138 kV breakers 3300 & 3310	7/1/2012	7/1/2012
AEPW	HUGO POWER PLANT - VALLIANT 345 KV AEPW	Valliant 345 KV line terminal	7/1/2012	7/1/2012
EMDE	SUB 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
MKEC	SPEARVILLE 230KV	230kv line terminal at Spearville	12/31/2009	12/31/2009
OKGE	KNOBHILL (KNOBHIL4) 138/69/13.2KV TRANSFORMER CKT 1	Replace bus tie with 100MVA transformer	6/1/2006	6/1/2008
OKGE	NORTHWEST - WOODWARD 345KV CKT 1	Build 120 miles of 345 kv	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
WERE	RENO 345/115KV CKT 1	New stepdown transformer at a new substation in Reno County east northeast of Hutchinson	6/1/2009	6/1/2009
WERE	RENO 345/115KV CKT 2	Install 2nd stepdown transformer at Reno County substation east northeast of Hutchinson	6/1/2010	6/1/2010
WERE	SUMMIT - RENO 345KV	Install new 50.55-mile 345 kv line from Reno county to Summit; 31 miles of 115 kv line between Circle and S Philips would be rebuilt as double circuit with the 345 kv line to minimize ROW impacts; Substation work required at Summit for new 345 kv terminal	6/1/2010	6/1/2010
WERE	WICHITA - RENO 345KV	40 mile 345 kv transmission line from existing Wichita 345 kv substation to a new 345-115 kv substation in Reno County east northeast of Hutchinson (Wichita to Reno)	6/1/2009	6/1/2009
WFEC	FT SUPPLY 138/69KV TRANSFORMER CKT 1	Install 2nd 70 MVA auto at Ft Supply	12/1/2006	6/1/2008
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

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
AECJ	4FISHERTP 138.00 - KEYSTONE DAM 138KV CKT 1 AECJ	Reconductor line	6/1/2010	6/1/2010	\$1,300,000.00
AMMO	5OVERTON 161.00 - HUNTSDALE 161KV CKT 1	Indeterminate	12/1/2014	12/1/2014	Indeterminate
AMMO	7PALMYRA 345.00 345/161KV TRANSFORMER CKT 1	Indeterminate	6/1/2015	6/1/2015	Indeterminate
EES	ADAMS CREEK - BOGALUSA 230KV CKT 2	Indeterminate	12/1/2010	12/1/2010	Indeterminate
EES	ALPINE AECC - AMITY SS 115KV CKT 1	Indeterminate	12/1/2011	12/1/2011	Indeterminate
EES	ALPINE AECC - BISMARK 115KV CKT 1	Indeterminate	12/1/2011	12/1/2011	Indeterminate
EES	AMELIA BULK - CHINA 230KV CKT 1	Indeterminate	6/1/2012	6/1/2012	Indeterminate
EES	ARKANSAS NUCLEAR ONE - RUSSELLVILLE NORTH 161KV CKT 1	Indeterminate	12/1/2010	12/1/2010	Indeterminate
EES	BISMARK - HOT SPRINGS WEST BUS 115KV CKT 1	Indeterminate	6/1/2010	6/1/2010	Indeterminate
EES	CEDAR HILL - PLANTATION 138KV CKT 1	Indeterminate	6/1/2012	6/1/2012	Indeterminate
EES	CEDAR HILL - TAMINA 138KV CKT 1	Indeterminate	6/1/2012	6/1/2012	Indeterminate
EES	CHINA - SABINE 230KV CKT 1	Indeterminate	6/1/2012	6/1/2012	Indeterminate
EES	CONROE BULK - PLANTATION 138KV CKT 1	Indeterminate	6/1/2012	6/1/2012	Indeterminate
EES	EVERTON - HARRISON-EAST 161KV CKT 1	Replace switches @ Harrison East	6/1/2010	6/1/2010	\$200,000.00
EES	GRIMES - MT. ZION 138KV CKT 1	Rebuild Transmission Line 19.19 miles	6/1/2015	6/1/2015	Indeterminate
EES	GRIMES - WALDEN 138KV CKT 1	Rebuild Transmission Line 29.71 miles	6/1/2015	6/1/2015	\$22,282,500.00
EES	GRIMES 345/138KV TRANSFORMER CKT 1	Indeterminate	6/1/2015	6/1/2015	Indeterminate
EES	GRIMES 345/138KV TRANSFORMER CKT 2	Indeterminate	6/1/2015	6/1/2015	Indeterminate
EES	HARTBURG - INLAND-ORANGE 230KV CKT 1	Indeterminate	6/1/2012	6/1/2012	Indeterminate
EES	HELBIG BULK - MCLEWIS 230KV CKT 1	Indeterminate	6/1/2012	6/1/2012	Indeterminate
EES	HILLTOP - ST JOE 161KV CKT 1	Indeterminate	6/1/2010	6/1/2010	Indeterminate
EES	INLAND-ORANGE - MCLEWIS 230KV CKT 1	Indeterminate	6/1/2012	6/1/2012	Indeterminate
EES	LINE 558 TAP - MT. ZION 138KV CKT 1	Rebuild Transmission Line 5.35 miles	6/1/2015	6/1/2015	\$4,012,500.00
EES	MCADAMS 500/230KV TRANSFORMER CKT 1	Install Reactor	12/1/2010	12/1/2010	\$6,560,000.00
EES	OAK RIDGE - PORTER 138KV CKT 1	Indeterminate	6/1/2012	6/1/2012	Indeterminate
EES	PORTER - TAMINA 138KV CKT 1	Indeterminate	6/1/2012	6/1/2012	Indeterminate
EES	RUSSELLVILLE EAST - RUSSELLVILLE NORTH 161KV CKT 1	Indeterminate	6/1/2015	6/1/2015	Indeterminate
EES	RUSSELLVILLE EAST - RUSSELLVILLE SOUTH 161KV CKT 1	Rebuild Transmission Line 4.10 miles	6/1/2010	6/1/2010	Indeterminate
SWPA	CARTHAGE (CRG X1) 161/69/13.8KV TRANSFORMER CKT 1	Replace xfmr with a larger unit	6/1/2010	6/1/2012	Indeterminate
SWPA	CARTHAGE (CRG X2) 161/69/13.8KV TRANSFORMER CKT 1	Replace xfmr with a larger unit	6/1/2010	6/1/2012	Indeterminate
SWPA	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 SWPA	Replace wave trap, disconnect switches, current transformers, and breaker. Replace bus.	6/1/2010	6/1/2010	Indeterminate
SWPA	SPRINGFIELD (SPF X1) 161/69/13.8KV TRANSFORMER CKT 1	Replace Springfield auto #1 with larger xfr.	6/1/2019	6/1/2019	Indeterminate