



*Aggregate Facility Study
SPP-2007-AG3-AFS-4
For Transmission Service
Requested by
Aggregate Transmission Customers*

SPP Engineering, SPP Tariff Studies

SPP AGGREGATE FACILITY STUDY (SPP-2007-AG3-AFS-4)

August 29, 2008

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1. Executive Summary

Pursuant to Attachment Z1 of the Southwest Power Pool Open Access Transmission Tariff (OATT), 1664 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 Z provides for facility upgrade cost recovery by stating that “[a]ny charges paid by a customer in excess of the transmission access charges in compensation for the revenue requirements for allocated facility upgrade(s) shall be recovered by such customer from future transmission service revenues until the customer has been fully compensated.”

The total assigned facility upgrade Engineering and Construction (E &C) cost determined by the AFS is \$59 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 \$ 185 Million. 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 \$113 Million.

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 August 28th, 2008. 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 12th, 2008, 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. In compliance with this Order, the third open season of 2007 commenced on June 1, 2007. All requests for long-term transmission service received prior to October 1, 2007 with a signed study agreement were then included in this third Aggregate Transmission Service Study (ATSS) of 2007.

Approximately 1664 MW of long-term transmission service has been restudied in this Aggregate Facility Study (AFS) with over \$59 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 Z 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 Z. 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.

According to Attachment Z 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](#) Section VII.

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 through 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 110% and 90%. The upper bound and lower bound of the emergency voltage range monitored is 110% 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 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 AECl, 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 twelve seasonal models to study the aggregate transfers of 16644 MW over a variety of requested service periods. The SPP MDWG 2007 Series Cases Update 2 2007/08 Winter Peak (07WP), 2008 April (08AP), 2008 Spring Peak (08G), 2008 Summer Peak (08SP), 2008 Summer Shoulder (08SH), 2008 Fall Peak (08FA), 2008/09 Winter Peak (08WP), 2009 Summer Peak (09SP), 2009/10 Winter Peak (09WP), 2012 Summer Peak (12SP), 2012/13 Winter Peak (12WP), and 2017 Summer Peak (17SP) 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 2804 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 2007 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 2007 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 2007 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 2007 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 2007 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. Table 3 provides additional details for each request including all assigned facility upgrades required, allocated E &

C costs, allocated revenue requirements for upgrades, upgrades not assigned to customer but required for service to be confirmed, credits to be paid for previously assigned AFS facility 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 (COD), Estimated Date of Upgrade Completion (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. If the 5 year term and 125% resource to load criteria are met, the lesser of the planned maximum net dependable capacity (NDC) or the requested capacity is multiplied by \$180,000 to determine the potential base plan funding allowable. When calculating Base Plan Funding amounts that include a wind farm, the amount used is 10% of the requested amount of service, or the NDC. 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.

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.

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

B. Study Definitions

The Commercial Operation Date (COD) 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 August 28th, 2008. 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 12th, 2008, 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. 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 letters of authorization to construct facility upgrades to the constructing Transmission Owner. This date is determined by the engineering and construction lead time provided for each facility upgrade.

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	Mimumum Allocated ATC (MW) within reservation period	Season of Minimum Allocated ATC within reservation period
AEPM	AG3-2007-015	1337138	CSWS	EES	22	1/1/2009	1/1/2010	6/1/2011	6/1/2012	1/1/2009	1/1/2010	0	09SP
AEPM	AG3-2007-054	1352732	CSWS	CSWS	100	1/1/2010	1/1/2011	6/1/2011	6/1/2012	1/1/2010	1/1/2011	0	10SP
AEPM	AG3-2007-063	1352923	CSWS	CSWS	50	1/1/2009	1/1/2011	6/1/2011	6/1/2013	6/1/2010	6/1/2012	0	09SP
AEPM	AG3-2007-065	1352934	CSWS	CSWS	54	6/1/2010	6/1/2015	6/1/2010	6/1/2015	6/1/2010	6/1/2015	0	10SP
CMLP	AG3-2007-047	1352181	GRDA	CSWS	115	6/1/2008	6/1/2042	6/1/2011	6/1/2045	6/1/2010	6/1/2044	0	08SP
CMLP	AG3-2007-047	1352193	GRDA	CSWS	197	6/1/2008	6/1/2042	6/1/2011	6/1/2045	6/1/2010	6/1/2044	0	08SP
CRGL	AG3-2007-018	1340342	KCPL	CLEC	103	2/1/2008	2/1/2009	2/1/2011	2/1/2012	2/1/2011	2/1/2012	0	08SP
CRGL	AG3-2007-019	1340343	OPPD	CLEC	103	2/1/2008	2/1/2009	6/1/2010	6/1/2011	6/1/2010	6/1/2011	0	08SP
EDE	AG3-2007-037	1350960	KCPL	EDE	5	11/1/2008	11/1/2018	6/1/2010	6/1/2020	11/1/2008	11/1/2018	0	09SP
EDE	AG3-2007-046	1352109	KCPL	EDE	5	1/1/2010	1/1/2030	1/1/2010	1/1/2030	1/1/2010	1/1/2030	0	10SP
GRDA	AG3-2007-034	1350396	OKGE	GRDA	150	6/1/2008	6/1/2013	6/1/2011	6/1/2016	6/1/2010	6/1/2015	0	08SP
KBPU	AG3-2007-017D	1339117	MPS	KACY	5	2/1/2008	2/1/2009	6/1/2013	6/1/2014	6/1/2013	6/1/2014	0	08SP
KCPS	AG3-2007-074	1353013	KCPL	KCPL	45	11/1/2008	11/1/2018	2/1/2011	2/1/2021	10/1/2009	10/1/2019	0	09SP
KCPS	AG3-2007-075A	1353028	WPEK	KCPL	50	6/1/2008	6/1/2009	6/1/2013	6/1/2014	6/1/2011	6/1/2012	0	08SP
KEPC	AG3-2007-064	1352933	WR	KCPL	15	6/1/2008	6/1/2040	6/1/2013	6/1/2045	10/1/2009	10/1/2041	0	08SP
KEPC	AG3-2007-066	1352938	WR	WR	68	6/1/2008	6/1/2040	6/1/2011	6/1/2043	6/1/2011	6/1/2043	0	08SP
KMEA	AG3-2007-104	1355377	OPPD	KCPL	20	1/1/2009	1/1/2013	6/1/2010	6/1/2014	10/1/2009	10/1/2013	0	09SP
KPP	AG3-2007-040	1351224	WR	WR	4	2/1/2008	2/1/2018	6/1/2011	6/1/2021	10/1/2009	10/1/2019	0	08SP
MIDW	AG3-2007-082	1353081	WR	WR	5	6/1/2008	6/1/2013	6/1/2011	6/1/2016	6/1/2011	6/1/2016	0	08SP
MIDW	AG3-2007-082	1353082	WR	WR	4	6/1/2008	6/1/2013	6/1/2011	6/1/2016	6/1/2011	6/1/2016	0	08SP
MIDW	AG3-2007-082	1353083	WR	WR	3	6/1/2008	6/1/2013	6/1/2011	6/1/2016	6/1/2011	6/1/2016	0	08SP
MIDW	AG3-2007-082	1353084	WR	WR	2	6/1/2008	6/1/2013	6/1/2011	6/1/2016	6/1/2011	6/1/2016	0	08SP
MIDW	AG3-2007-082	1353085	WR	WR	1	6/1/2008	6/1/2013	6/1/2011	6/1/2016	6/1/2011	6/1/2016	0	08SP
MIDW	AG3-2007-083	1353086	WR	WR	1	6/1/2008	6/1/2013	6/1/2011	6/1/2016	6/1/2011	6/1/2016	0	08SP
MIDW	AG3-2007-083	1353088	WR	WR	2	6/1/2008	6/1/2013	6/1/2011	6/1/2016	6/1/2011	6/1/2016	0	08SP
MIDW	AG3-2007-084	1353090	WR	WR	1	6/1/2008	6/1/2013	6/1/2011	6/1/2016	6/1/2011	6/1/2016	0	08SP
MIDW	AG3-2007-084	1353091	WR	WR	2	6/1/2008	6/1/2013	6/1/2011	6/1/2016	6/1/2011	6/1/2016	0	08SP
MIDW	AG3-2007-084	1353092	WR	WR	2	6/1/2008	6/1/2013	6/1/2011	6/1/2016	6/1/2011	6/1/2016	0	08SP
MIDW	AG3-2007-086	1353097	WR	WR	3	6/1/2008	6/1/2013	6/1/2011	6/1/2016	6/1/2011	6/1/2016	0	08SP
MIDW	AG3-2007-086	1353098	WR	WR	2	6/1/2008	6/1/2013	6/1/2011	6/1/2016	6/1/2011	6/1/2016	0	08SP
MIDW	AG3-2007-086	1353099	WR	WR	1	6/1/2008	6/1/2013	6/1/2011	6/1/2016	6/1/2011	6/1/2016	0	08SP
MIDW	AG3-2007-087	1353102	WR	WR	2	6/1/2008	6/1/2013	6/1/2011	6/1/2016	6/1/2011	6/1/2016	0	08SP
MIDW	AG3-2007-087	1353103	WR	WR	1	6/1/2008	6/1/2013	6/1/2011	6/1/2016	6/1/2011	6/1/2016	0	08SP
MIDW	AG3-2007-090	1353110	WR	WR	25	3/1/2008	3/1/2027	6/1/2011	6/1/2030	10/1/2008	10/1/2027	0	08SP
MIDW	AG3-2007-091	1353111	WR	WR	25	1/1/2009	1/1/2029	6/1/2011	6/1/2031	1/1/2009	1/1/2029	0	09SP
OMPA	AG3-2007-035	1350945	OKGE	OKGE	23	5/1/2008	5/1/2017	6/1/2011	6/1/2020	10/1/2008	10/1/2017	0	08SP
PWX	AG3-2007-014	1331353	BLKW	KCPL	52	1/1/2010	1/1/2011	6/1/2013	6/1/2014	6/1/2013	6/1/2014	0	10SP
SPSM	AG3-2007-080	1353054	WPEK	KCPL	50	10/1/2008	6/1/2010	6/1/2013	2/1/2015	10/1/2009	6/1/2011	0	09SP
SPSM	AG3-2007-080	1353055	WPEK	KCPL	50	10/1/2008	6/1/2010	6/1/2013	2/1/2015	10/1/2009	6/1/2011	0	09SP
SPSM	AG3-2007-081	1353057	WPEK	KCPL	50	6/1/2010	1/1/2012	6/1/2013	1/1/2015	6/1/2010	1/1/2012	0	10SP
SPSM	AG3-2007-081	1353059	WPEK	KCPL	50	6/1/2010	1/1/2012	6/1/2013	1/1/2015	6/1/2010	1/1/2012	0	10SP
WRGS	AG3-2007-025	1346837	SECI	WR	96	11/1/2008	11/1/2018	6/1/2011	6/1/2021	6/1/2011	6/1/2021	0	09SP
WRGS	AG3-2007-026	1346842	SECI	WR	100	12/31/2008	12/31/2018	6/1/2011	6/1/2021	6/1/2011	6/1/2021	0	09SP

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Note 1: Disregard Redispach shown in Table 6 for limitations identified earlier than the start date with redispach with the exception of limitations identified in the 2008 Summer Shoulder, and 2008 Fall Peak

Note 2: 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.

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	AG3-2007-015	1337138	\$ 1,130,731	\$ -	\$ -		Indeterminate	\$ -	\$ -	\$ -	Schedule 9 Charges
AEPM	AG3-2007-054	1352732	\$ 3,959	\$ 1,150	\$ -		Indeterminate	\$ 7,166	\$ 7,166	\$ -	\$ 7,166
AEPM	AG3-2007-063	1352923	\$ 3,575,407	\$ -	\$ -		Indeterminate	\$ 3,350,145	\$ 3,350,145	\$ -	\$ 3,350,145
AEPM	AG3-2007-065	1352934	\$ 504,825	\$ -	\$ -	6	Indeterminate	\$ -	\$ -	\$ -	Schedule 9 Charges
CMLP	AG3-2007-047	1352181	\$ 3,798,853	\$ -	\$ 3,798,853		\$ -	\$ 18,838,946	\$ -	\$ -	Schedule 9 Charges
CMLP	AG3-2007-047	1352193	\$ 10,825,614	\$ 6,325,614	\$ 4,500,000		\$ -	\$ 53,684,318	\$ 31,368,777	\$ -	\$ 31,368,777
CRGL	AG3-2007-018	1340342	\$ 2,947,000	\$ 2,947,000	\$ -		Indeterminate	\$ 5,134,293	\$ 5,134,293	\$ 1,909,839	\$ 5,134,293
CRGL	AG3-2007-019	1340343	\$ -	\$ -	\$ -		Indeterminate	\$ -	\$ -	\$ 1,909,839	\$ 1,909,839
EDE	AG3-2007-037	1350960	\$ 72,420	\$ -	\$ 27,902		Indeterminate	\$ 61,241	\$ -	\$ -	Schedule 9 Charges
EDE	AG3-2007-046	1352109	\$ 72,444	\$ -	\$ 27,926		Indeterminate	\$ 95,978	\$ -	\$ -	Schedule 9 Charges
GRDA	AG3-2007-034	1350396	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ -	Schedule 9 Charges
KBPU	AG3-2007-017D	1339117	\$ 507,565	\$ 507,565	\$ -		\$ -	\$ 1,082,811	\$ 1,082,811	\$ 52,800	\$ 1,082,811
KCPS	AG3-2007-074	1353013	\$ 554,036	\$ -	\$ 554,036		\$ -	\$ 1,393,397	\$ -	\$ -	Schedule 9 Charges
KCPS	AG3-2007-075	1353028	\$ 2,816,371	\$ 2,688,890	\$ -		\$ -	\$ 4,668,905	\$ 4,668,905	\$ 528,000	\$ 4,668,905
KEPC	AG3-2007-064	1352933	\$ 7,080,972	\$ 4,380,972	\$ 2,700,000		\$ -	\$ 31,302,442	\$ 19,366,709	\$ -	\$ 19,366,709
KEPC	AG3-2007-066	1352938	\$ 1,428,491	\$ -	\$ 1,428,491		Indeterminate	\$ 7,985,889	\$ -	\$ -	Schedule 9 Charges
KMEA	AG3-2007-104	1355377	\$ 72,450	\$ 72,450	\$ -		Indeterminate	\$ 139,557	\$ 139,557	\$ -	\$ 139,557
KPP	AG3-2007-040	1351224	\$ 22,975	\$ -	\$ 22,975		Indeterminate	\$ 54,938	\$ -	\$ -	Schedule 9 Charges
MIDW	AG3-2007-082	1353081	\$ 64,018	\$ 64,018	\$ -		Indeterminate	\$ 157,565	\$ 157,565	\$ 472,500	\$ 472,500
MIDW	AG3-2007-082	1353082	\$ 51,213	\$ 51,213	\$ -		Indeterminate	\$ 126,049	\$ 126,049	\$ 378,000	\$ 378,000
MIDW	AG3-2007-082	1353083	\$ 38,409	\$ 38,409	\$ -		Indeterminate	\$ 94,535	\$ 94,535	\$ 283,500	\$ 283,500
MIDW	AG3-2007-082	1353084	\$ 25,607	\$ 25,607	\$ -		Indeterminate	\$ 63,026	\$ 63,026	\$ 189,000	\$ 189,000
MIDW	AG3-2007-082	1353085	\$ 12,804	\$ 12,804	\$ -		Indeterminate	\$ 31,514	\$ 31,514	\$ 94,500	\$ 94,500
MIDW	AG3-2007-083	1353086	\$ 16,118	\$ 16,118	\$ -		Indeterminate	\$ 38,985	\$ 38,985	\$ 94,500	\$ 94,500
MIDW	AG3-2007-083	1353088	\$ 32,236	\$ 32,236	\$ -		Indeterminate	\$ 77,972	\$ 77,972	\$ 189,000	\$ 189,000
MIDW	AG3-2007-084	1353090	\$ 14,857	\$ 14,857	\$ -		Indeterminate	\$ 36,117	\$ 36,117	\$ 94,500	\$ 94,500
MIDW	AG3-2007-084	1353091	\$ 29,712	\$ 29,712	\$ -		Indeterminate	\$ 72,226	\$ 72,226	\$ 189,000	\$ 189,000
MIDW	AG3-2007-084	1353092	\$ 29,712	\$ 29,712	\$ -		Indeterminate	\$ 72,226	\$ 72,226	\$ 189,000	\$ 189,000
MIDW	AG3-2007-086	1353097	\$ 205,263	\$ 205,263	\$ -	7	Indeterminate	\$ 420,493	\$ 420,493	\$ 283,500	\$ 420,493
MIDW	AG3-2007-086	1353098	\$ 136,843	\$ 136,843	\$ -	7	Indeterminate	\$ 280,332	\$ 280,332	\$ 189,000	\$ 280,332
MIDW	AG3-2007-086	1353099	\$ 68,423	\$ 68,423	\$ -	7	Indeterminate	\$ 140,168	\$ 140,168	\$ 94,500	\$ 140,168
MIDW	AG3-2007-087	1353102	\$ 136,843	\$ 136,843	\$ -	7	Indeterminate	\$ 280,332	\$ 280,332	\$ 189,000	\$ 280,332
MIDW	AG3-2007-087	1353103	\$ 68,423	\$ 68,423	\$ -	7	Indeterminate	\$ 140,168	\$ 140,168	\$ 94,500	\$ 140,168
MIDW	AG3-2007-090	1353110	\$ 137,608	\$ -	\$ 137,608		Indeterminate	\$ 410,193	\$ -	\$ -	Schedule 9 Charges
MIDW	AG3-2007-091	1353111	\$ 137,608	\$ -	\$ 137,608		Indeterminate	\$ 433,230	\$ -	\$ -	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
OMPA	AG3-2007-035	1350945	\$ 15,723	\$ -	\$ 15,723		\$ -	\$ 31,824	\$ -	\$ -	Schedule 9 Charges
PWX	AG3-2007-014	1331353	\$ 442,382	\$ 442,382	\$ -		\$ -	\$ 1,032,092	\$ 1,032,092	\$ 549,120	\$ 1,032,092
SPSM	AG3-2007-080	1353054	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ 880,000	\$ 880,000
SPSM	AG3-2007-080	1353055	\$ -	\$ -	\$ -		\$ -	\$ -	\$ -	\$ 880,000	\$ 880,000
SPSM	AG3-2007-081	1353057	\$ 375,359	\$ 375,359	\$ -		\$ -	\$ 637,776	\$ 637,776	\$ 836,000	\$ 836,000
SPSM	AG3-2007-081	1353059	\$ 375,359	\$ 375,359	\$ -		\$ -	\$ 637,776	\$ 637,776	\$ 836,000	\$ 836,000
WRGS	AG3-2007-025	1346837	\$ 2,447,083	\$ 718,606	\$ 1,728,000		\$ -	\$ 5,738,151	\$ 1,686,173	\$ -	\$ 1,686,173
WRGS	AG3-2007-026	1346842	\$ 19,322,281	\$ 14,035,811	\$ 1,800,000		\$ -	\$ 46,787,566	\$ 42,428,991	\$ -	\$ 42,428,991
Grand Total			\$ 59,597,995					\$ 185,540,338	\$ 113,572,877		

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 base plan funded upgrades. 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: 2010 Maximum new resources capped at 10,693MW

Note 7: Lack of resource and load forecast data provided for base plan funding determination

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

Customer Study Number
 AEPM AG3-2007-015

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
AEPM	1337138	CSWS	EES	22	1/1/2009	1/1/2010	6/1/2011	6/1/2012	\$ -	\$ -	\$ 1,130,731	\$ -
									\$ -	\$ -	\$ 1,130,731	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1337138	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 SWPA	6/1/2009	6/1/2010		Yes	\$ 1,130,731	\$ 2,500,000	\$ -
						Total	\$ 1,130,731	\$ 2,500,000

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
1337138	ARKOMA - FT SMITHW 161KV CKT 1	6/1/2009	6/1/2011		Yes
	BONANZA - BONANZA TAP 161KV CKT 1	6/1/2011	6/1/2011		
	BROKEN BOW - CRAIG JUNCTION 138KV CKT 1	1/1/2009	6/1/2009		Yes
	COLONY - FT SMITH 161KV CKT 1	6/1/2009	6/1/2009		
	EAST CENTRAL HENRYETTA - OKMULGEE 138KV CKT 1	1/1/2009	6/1/2010		Yes

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1337138	BARTLESVILLE SOUTHEAST - NORTH BARTLESVILLE 138KV CKT 1	10/1/2008	6/1/2011		Yes
	COFFEYVILLE TAP - DEARING 138KV CKT 1 AEPW	12/1/2008	6/1/2010		Yes
	COFFEYVILLE TAP - DEARING 138KV CKT 1 WERE	12/1/2008	6/1/2010		Yes
	COFFEYVILLE TAP - DEARING 138KV CKT 1 WERE #2	12/1/2008	6/1/2010		Yes
	COFFEYVILLE TAP - NORTH BARTLESVILLE 138KV CKT 1	10/1/2008	6/1/2011		Yes
	MAGAZINE REC - NORTH MAGAZINE 161KV CKT 1 #2	6/1/2010	6/1/2010		
	MAGAZINE REC - NORTH MAGAZINE 161KV CKT 1 AEPW	6/1/2010	6/1/2010		
	MAGAZINE REC - NORTH MAGAZINE 161KV CKT 1 OKGE	6/1/2010	6/1/2010		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1337138	5BEE BR - QUITMAN 161KV CKT 1	6/1/2009	6/1/2009			\$ -	\$ -
	ARKANSAS NUCLEAR ONE 161 - RUSSELLVILLE NORTH 161KV CKT 1	6/1/2009	6/1/2009			\$ -	\$ -
	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 ENTR	6/1/2009	6/1/2009			\$ -	\$ -
	MAGAZINE REC - NORTH MAGAZINE 161KV CKT 1 ENTR	6/1/2010	6/1/2010			\$ -	\$ -
	RUSSELLVILLE EAST - RUSSELLVILLE NORTH 161KV CKT 1	6/1/2009	6/1/2009			\$ -	\$ -
	RUSSELLVILLE EAST - RUSSELLVILLE SOUTH 161KV CKT 1	11/1/2008	11/1/2008			\$ -	\$ -
						Total	\$ -

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

Customer Study Number
 AEPM AG3-2007-054

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
AEPM	1352732	CSWS	CSWS	100	1/1/2010	1/1/2011	6/1/2011	6/1/2012	\$ -	\$ -	\$ 3,958	\$ 7,166
									\$ -	\$ -	\$ 3,958	\$ 7,166

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1352732	COFFEYVILLE FARMLAND 138KV CAP BANK	6/1/2010	6/1/2010			\$ 2,809	\$ 250,000	\$ 4,877
	DEARING 138KV Capacitor Displacement	10/1/2008	6/1/2010			\$ 1,149	\$ 85,922	\$ 2,289
Total						\$ 3,958	\$ 335,922	\$ 7,166

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
1352732	EAST CENTRAL HENRYETTA - OKMULGEE 138KV CKT 1	1/1/2009	6/1/2010		Yes

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1352732	BARTLESVILLE SOUTHEAST - NORTH BARTLESVILLE 138KV CKT 1	10/1/2008	6/1/2011		Yes
	COFFEYVILLE TAP - DEARING 138KV CKT 1 AEPW	12/1/2008	6/1/2010		Yes
	COFFEYVILLE TAP - DEARING 138KV CKT 1 WERE	12/1/2008	6/1/2010		Yes
	COFFEYVILLE TAP - DEARING 138KV CKT 1 WERE #2	12/1/2008	6/1/2010		Yes
	COFFEYVILLE TAP - NORTH BARTLESVILLE 138KV CKT 1	10/1/2008	6/1/2011		Yes
	SOUTHWEST SHREVEPORT (SW SHV 1) 345/138/13.8KV TRANSFORMER CKT 1	1/1/2009	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
1352732	HARTBURG - INLAND-ORANGE 230KV CKT 1	1/1/2010	6/1/2011			\$ -	\$ -
Total						\$ -	\$ -

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

Customer Study Number
 AEPM AG3-2007-063

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements	
AEPM	1352923	CSWS	CSWS	50	1/1/2009	1/1/2011	6/1/2011	6/1/2013	\$ -	\$ -	\$ 3,575,407	\$ 3,350,145	
										\$ -	\$ -	\$ 3,575,407	\$ 3,350,145

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1352923	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 SWPA	6/1/2009	6/1/2010		Yes	\$ 775,407	\$ 2,500,000	\$ -
	TEXAS EASTMAN - WHITNEY 138KV CKT 1	6/1/2009	6/1/2011		Yes	\$ 2,800,000	\$ 2,800,000	\$ 3,350,145
Total						\$ 3,575,407	\$ 5,300,000	\$ 3,350,145

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1352923	ARKOMA - FT SMITHW 161KV CKT 1	6/1/2009	6/1/2011		
	BULL SHOALS - BULL SHOALS 161KV CKT 1	6/1/2009	6/1/2011		
	SALLISAW CAP BANK	10/1/2008	6/1/2010		No

Reliability Upgrades - The 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
1352923	CLARKSVILLE - DARDANELLE 161KV CKT 1	6/1/2012	6/1/2012		

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
1352923	MAGAZINE REC - NORTH MAGAZINE 161KV CKT 1 #2	6/1/2010	6/1/2010		
	MAGAZINE REC - NORTH MAGAZINE 161KV CKT 1 AEPW	6/1/2010	6/1/2010		
	MAGAZINE REC - NORTH MAGAZINE 161KV CKT 1 OKGE	6/1/2010	6/1/2010		
	SOUTHWEST SHREVEPORT (SW SHV 1) 345/138/13.8KV TRANSFORMER CKT 1	1/1/2009	6/1/2009		Yes
	SOUTHWEST SHREVEPORT (SW SHV 1) 345/138/13.8KV TRANSFORMER CKT 2	1/1/2009	6/1/2009		Yes

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1352923	5BEE BR - QUITMAN 161KV CKT 1	6/1/2009	6/1/2009			\$ -	\$ -
	5ST_JOE 161.00 - EVERTON 161KV CKT 1	12/1/2008	12/1/2008			\$ -	\$ -
	ARKANSAS NUCLEAR ONE 161 - RUSSELLVILLE NORTH 161KV CKT 1	6/1/2009	6/1/2009			\$ -	\$ -
	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 ENTR	6/1/2009	6/1/2009			\$ -	\$ -
	EVERTON - HARRISON-EAST 161KV CKT 1	12/1/2008	12/1/2008			\$ -	\$ -
	GRIMES - MT. ZION 138KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -
	HARRISON-EAST - SUMMIT 161KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -
	MAGAZINE REC - NORTH MAGAZINE 161KV CKT 1 ENTR	6/1/2010	6/1/2010			\$ -	\$ -
	RUSSELLVILLE EAST - RUSSELLVILLE NORTH 161KV CKT 1	6/1/2009	6/1/2009			\$ -	\$ -
	RUSSELLVILLE EAST - RUSSELLVILLE SOUTH 161KV CKT 1	11/1/2008	11/1/2008			\$ -	\$ -
Total						\$ -	\$ -

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

Customer Study Number
AEPM AG3-2007-065

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
AEPM	1352934	CSWS	CSWS	54	6/1/2010	6/1/2015			\$ -	\$ -	\$ 504,825	\$ -
									\$ -	\$ -	\$ 504,825	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1352934	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 SWPA	6/1/2009	6/1/2010			\$ 504,825	\$ 2,500,000	\$ -
						\$ 504,825	\$ 2,500,000	\$ -
	Total					\$ 504,825	\$ 2,500,000	\$ -

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
1352934	ARKOMA - FT SMITHW 161KV CKT 1	6/1/2009	6/1/2011		
	ARSENAL HILL - NORTH MARKET 69KV CKT 1	6/1/2010	6/1/2010		
	BULL SHOALS - BULL SHOALS 161KV CKT 1	6/1/2009	6/1/2011		
	SALLISAW CAP BANK	10/1/2008	6/1/2010		
	SUB 438 - RIVERSIDE 161KV	6/1/2013	6/1/2013		

Reliability Upgrades - The 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
1352934	CLARKSVILLE - DARDANELLE 161KV CKT 1	6/1/2012	6/1/2012		
	SUB 124 - AURORA H.T. 69KV	6/1/2013	6/1/2013		

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
1352934	MAGAZINE REC - NORTH MAGAZINE 161KV CKT 1 #2	6/1/2010	6/1/2010		
	MAGAZINE REC - NORTH MAGAZINE 161KV CKT 1 AEPW	6/1/2010	6/1/2010		
	MAGAZINE REC - NORTH MAGAZINE 161KV CKT 1 OKGE	6/1/2010	6/1/2010		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1352934	5BEE BR - QUITMAN 161KV CKT 1	6/1/2009	6/1/2009			\$ -	\$ -
	5CLINTN - CLINTON WEST (AECC) 161KV CKT 1	12/1/2012	12/1/2012			\$ -	\$ -
	5ST JOE 161.00 - EVERTON 161KV CKT 1	12/1/2008	12/1/2008			\$ -	\$ -
	ARKANSAS NUCLEAR ONE 161 - RUSSELLVILLE NORTH 161KV CKT 1	6/1/2009	6/1/2009			\$ -	\$ -
	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 ENTR	6/1/2009	6/1/2009			\$ -	\$ -
	EVERTON - HARRISON-EAST 161KV CKT 1	12/1/2008	12/1/2008			\$ -	\$ -
	HARRISON-EAST - SUMMIT 161KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -
	MAGAZINE REC - NORTH MAGAZINE 161KV CKT 1 ENTR	6/1/2010	6/1/2010			\$ -	\$ -
	RUSSELLVILLE EAST - RUSSELLVILLE NORTH 161KV CKT 1	6/1/2009	6/1/2009			\$ -	\$ -
	RUSSELLVILLE EAST - RUSSELLVILLE SOUTH 161KV CKT 1	11/1/2008	11/1/2008			\$ -	\$ -
	Total					\$ -	\$ -

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

Customer Study Number
 CMLP AG3-2007-047

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
CMLP	1352181	GRDA	CSWS	115	6/1/2008	6/1/2042	6/1/2011	6/1/2045	\$ 3,798,853	-	\$ 3,798,852	\$ 18,838,946
CMLP	1352193	GRDA	CSWS	197	6/1/2008	6/1/2042	6/1/2011	6/1/2045	\$ 4,500,000	-	\$ 10,825,614	\$ 53,684,318
									\$ 8,298,853	\$ -	\$ 14,624,466	\$ 72,523,264

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
1352181	BARTLESVILLE SOUTHEAST - NORTH BARTLESVILLE 138KV CKT 1 #2	6/1/2011	6/1/2011			\$ 107,815	\$ 500,000	\$ 523,415	
	COFFEYVILLE FARMLAND - DELAWARE 138KV CKT 1	6/1/2014	6/1/2014			\$ 24,655	\$ 100,000	\$ 102,362	
	COFFEYVILLE FARMLAND - SOUTH COFFEYVILLE CITY 138KV CKT 1	6/1/2011	6/1/2011			\$ 1,609,801	\$ 6,200,000	\$ 7,929,657	
	COFFEYVILLE FARMLAND (COFAUTO1) 138/69/13.8KV TRANSFORMER CKT 1	10/1/2008	10/1/2008			\$ -	\$ -	\$ -	
	COFFEYVILLE FARMLAND (COFAUTO2) 138/69/13.8KV TRANSFORMER CKT 2	10/1/2008	10/1/2008			\$ -	\$ -	\$ -	
	COFFEYVILLE FARMLAND 138KV CAP BANK	6/1/2010	6/1/2010			\$ 61,167	\$ 250,000	\$ 314,425	
	COFFEYVILLE TAP - NORTH BARTLESVILLE 138KV CKT 1 #2	6/1/2011	6/1/2011			\$ 64,689	\$ 300,000	\$ 319,730	
	COFFEYVILLE TAP - SOUTH COFFEYVILLE CITY 138KV CKT 1	6/1/2010	6/1/2011		Yes	\$ 1,557,872	\$ 6,000,000	\$ 7,673,862	
	DEARING 138KV Capacitor #2	6/1/2010	6/1/2010			\$ 318,881	\$ 1,680,000	\$ 1,700,856	
	DEARING 138KV Capacitor Displacement	10/1/2008	6/1/2010		No	\$ 21,516	\$ 85,922	\$ 114,765	
	NORTHEAST STATION - WATOVA 138KV CKT 1	6/1/2011	6/1/2011			\$ 32,456	\$ 125,000	\$ 159,874	
						Total	\$ 3,798,852	\$ 15,240,922	\$ 18,838,946
1352193	BARTLESVILLE SOUTHEAST - NORTH BARTLESVILLE 138KV CKT 1 #2	6/1/2011	6/1/2011			\$ 307,419	\$ 500,000	\$ 1,492,443	
	COFFEYVILLE FARMLAND - DELAWARE 138KV CKT 1	6/1/2014	6/1/2014			\$ 70,299	\$ 100,000	\$ 291,866	
	COFFEYVILLE FARMLAND - SOUTH COFFEYVILLE CITY 138KV CKT 1	6/1/2011	6/1/2011			\$ 4,590,199	\$ 6,200,000	\$ 22,610,686	
	COFFEYVILLE FARMLAND (COFAUTO1) 138/69/13.8KV TRANSFORMER CKT 1	10/1/2008	10/1/2008			\$ -	\$ -	\$ -	
	COFFEYVILLE FARMLAND (COFAUTO2) 138/69/13.8KV TRANSFORMER CKT 2	10/1/2008	10/1/2008			\$ -	\$ -	\$ -	
	COFFEYVILLE FARMLAND 138KV CAP BANK	6/1/2010	6/1/2010			\$ 167,854	\$ 250,000	\$ 862,844	
	COFFEYVILLE TAP - NORTH BARTLESVILLE 138KV CKT 1 #2	6/1/2011	6/1/2011			\$ 184,452	\$ 300,000	\$ 911,666	
	COFFEYVILLE TAP - SOUTH COFFEYVILLE CITY 138KV CKT 1	6/1/2010	6/1/2011		Yes	\$ 4,442,128	\$ 6,000,000	\$ 21,881,309	
	DEARING 138KV Capacitor #2	6/1/2010	6/1/2010			\$ 909,368	\$ 1,680,000	\$ 4,850,410	
	DEARING 138KV Capacitor Displacement	10/1/2008	6/1/2010		No	\$ 61,351	\$ 85,922	\$ 327,235	
	NORTHEAST STATION - WATOVA 138KV CKT 1	6/1/2011	6/1/2011			\$ 92,544	\$ 125,000	\$ 455,859	
						Total	\$ 10,825,614	\$ 15,240,922	\$ 53,684,318

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
1352181	PRYAMID CORNERS CAPCITOR	10/1/2008	6/1/2009		No
1352193	PRYAMID CORNERS CAPCITOR	10/1/2008	6/1/2009		No

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

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1352181	ALLEN - LEHIGH TAP 69KV CKT 1	6/1/2011	6/1/2011		
	Athens to Owl Creek 69 kV	6/1/2011	6/1/2011		
	BARTLESVILLE SOUTHEAST - NORTH BARTLESVILLE 138KV CKT 1	10/1/2008	6/1/2011		Yes
	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	6/1/2011	6/1/2011		
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	6/1/2011	6/1/2011		
	COFFEYVILLE TAP - NORTH BARTLESVILLE 138KV CKT 1	10/1/2008	6/1/2011		Yes
	Green to Vernon 69 kV	6/1/2011	6/1/2011		
	LEHIGH TAP - OWL CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	NEOSHO - NORTHEAST PARSONS 138KV CKT 1	6/1/2010	6/1/2010	6/1/2009	
	Vernon to Athens 69 kV	6/1/2011	6/1/2011		
1352193	ALLEN - LEHIGH TAP 69KV CKT 1	6/1/2011	6/1/2011		
	Athens to Owl Creek 69 kV	6/1/2011	6/1/2011		
	BARTLESVILLE SOUTHEAST - NORTH BARTLESVILLE 138KV CKT 1	10/1/2008	6/1/2011		Yes
	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	6/1/2011	6/1/2011		
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	6/1/2011	6/1/2011		
	COFFEYVILLE TAP - NORTH BARTLESVILLE 138KV CKT 1	10/1/2008	6/1/2011		Yes
	Green to Vernon 69 kV	6/1/2011	6/1/2011		
	LEHIGH TAP - OWL CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	NEOSHO - NORTHEAST PARSONS 138KV CKT 1	6/1/2010	6/1/2010	6/1/2009	
	Vernon to Athens 69 kV	6/1/2011	6/1/2011		

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

Customer Study Number
CRGL AG3-2007-018

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
CRGL	1340342	KCPL	CLEC	103	2/1/2008	2/1/2009	2/1/2011	2/1/2012	\$ -	\$ 1,909,839	\$ 2,947,000	\$ 5,134,293
									\$ -	\$ 1,909,839	\$ 2,947,000	\$ 5,134,293

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1340342	GRANDVIEW EAST - MARTIN CITY 161KV CKT 1 #2	6/1/2010	6/1/2010			\$ 2,947,000	\$ 4,700,000	\$ 5,134,293
Total						\$ 2,947,000	\$ 4,700,000	\$ 5,134,293

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
1340342	SALLISAW CAP BANK	10/1/2008	6/1/2010		

Reliability Upgrades - The 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
1340342	AVONDALE - GLADSTONE 161KV CKT 1	6/1/2010	6/1/2010		
	BLUE SPRINGS EAST - DUNCAN ROAD 161KV CKT 1	10/1/2008	6/1/2010		
	REDEL - STILWELL 161KV CKT 1	10/1/2008	6/1/2011	2/1/2011	

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
1340342	MARTIN CITY - REDEL 161KV CKT 1	6/1/2009	6/1/2011	2/1/2011	

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1340342	3GRENWD 115.00 - HUMPHREY 115KV CKT 1	10/1/2008	10/1/2008	6/1/2008		\$ -	\$ -
	3GRENWD 115.00 - TERREBONNE 115KV CKT 1	10/1/2008	10/1/2008	6/1/2008		\$ -	\$ -
	3RUSTNE 115.00 - DOWNSVILLE 115KV CKT 1	10/1/2008	10/1/2008	4/1/2008		\$ -	\$ -
	3RUSTNE 115.00 - VIENNA 115KV CKT 1	10/1/2008	10/1/2008	4/1/2008		\$ -	\$ -
	4EOPLOUS 138.00 - CHAMPAGNE 138KV CKT 1	10/1/2008	10/1/2008	6/1/2008		\$ -	\$ -
	4KSPRGS 138.00 - LINE 642 TAP 138KV CKT 1	10/1/2008	10/1/2008	6/1/2008		\$ -	\$ -
	4NCROWL 138.00 - SCOTT 138KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -
	4SCOTT2 138.00 - 4SEMERE 138.00 138KV CKT 1	6/1/2009	6/1/2009			\$ -	\$ -
	8WELLS 500.00 - WEBRE 500KV CKT 1	10/1/2008	10/1/2008	6/1/2008		\$ -	\$ -
	8WELLS 500.00 500/230KV TRANSFORMER CKT 1	10/1/2008	10/1/2008	6/1/2008		\$ -	\$ -
	ADAMS CREEK - BOGALUSA 230KV CKT 2	10/1/2008	10/1/2008	4/1/2008		\$ -	\$ -
	CECELIA - DOC BONIN 138KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -
	CECELIA - MORIL 138KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -
	DOC BONIN - SCOTT 138KV CKT 1	6/1/2009	6/1/2009			\$ -	\$ -
	DOC BONIN 230/138KV TRANSFORMER CKT 1	6/1/2009	6/1/2009			\$ -	\$ -
	FRONT STREET - SLIDELL 230KV CKT 1	10/1/2008	10/1/2008	4/1/2008		\$ -	\$ -
	GIBSON - HUMPHREY 115KV CKT 1	10/1/2008	10/1/2008	6/1/2008		\$ -	\$ -
	GIBSON - RAMOS 138KV CKT 1	10/1/2008	10/1/2008	6/1/2008		\$ -	\$ -
	GIBSON 138/115KV TRANSFORMER CKT 1	10/1/2008	10/1/2008	6/1/2008		\$ -	\$ -
	GRIMES - MT. ZION 138KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -
	LINE 642 TAP - LIVONIA BULK 138KV CKT 1	10/1/2008	10/1/2008	6/1/2008		\$ -	\$ -
	LIVONIA BULK - WILBERT 138KV CKT 1	10/1/2008	10/1/2008	6/1/2008		\$ -	\$ -
	LOUISIANA STATION - WILBERT 138KV CKT 1	10/1/2008	10/1/2008	6/1/2008		\$ -	\$ -
	WATERFORD - WILLOW GLEN 500KV CKT 1	10/1/2008	10/1/2008	4/1/2008		\$ -	\$ -
	WATERFORD 500/230KV TRANSFORMER CKT 1	10/1/2008	10/1/2008	4/1/2008		\$ -	\$ -
Total						\$ -	\$ -

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

Customer Study Number
CRGL AG3-2007-019

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
CRGL	1340343	OPPD	CLEC	103	2/1/2008	2/1/2009	6/1/2010	6/1/2011	\$ -	\$ 1,909,839	\$ -	\$ -
									\$ -	\$ 1,909,839	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1340343	None					\$ -	\$ -	\$ -
Total						\$ -	\$ -	\$ -

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1340343	SALLISAW CAP BANK			10/1/2008	6/1/2010

Reliability Upgrades - The 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
1340343	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	

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
1340343	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	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
1340343	3GRENWD 115.00 - HUMPHREY 115KV CKT 1	10/1/2008	10/1/2008	6/1/2008		\$ -	\$ -
	3GRENWD 115.00 - TERREBONNE 115KV CKT 1	10/1/2008	10/1/2008	6/1/2008		\$ -	\$ -
	3RUSTNE 115.00 - DOWNSVILLE 115KV CKT 1	10/1/2008	10/1/2008	4/1/2008		\$ -	\$ -
	3RUSTNE 115.00 - VIENNA 115KV CKT 1	10/1/2008	10/1/2008	4/1/2008		\$ -	\$ -
	4EOPLOUS 138.00 - CHAMPAGNE 138KV CKT 1	10/1/2008	10/1/2008	6/1/2008		\$ -	\$ -
	4KSPRGS 138.00 - LINE 642 TAP 138KV CKT 1	10/1/2008	10/1/2008	6/1/2008		\$ -	\$ -
	4SCOTT2 138.00 - 4SEMERE 138.00 138KV CKT 1	6/1/2009	6/1/2009			\$ -	\$ -
	8WELLS 500.00 - WEBRE 500KV CKT 1	10/1/2008	10/1/2008	6/1/2008		\$ -	\$ -
	8WELLS 500.00 500/230KV TRANSFORMER CKT 1	10/1/2008	10/1/2008	6/1/2008		\$ -	\$ -
	ADAMS CREEK - BOGALUSA 230KV CKT 2	10/1/2008	10/1/2008	4/1/2008		\$ -	\$ -
	CECELIA - DOC BONIN 138KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -
	CECELIA - MORIL 138KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -
	DOC BONIN - SCOTT 138KV CKT 1	6/1/2009	6/1/2009			\$ -	\$ -
	DOC BONIN 230/138KV TRANSFORMER CKT 1	6/1/2009	6/1/2009			\$ -	\$ -
	FRONT STREET - SLIDELL 230KV CKT 1	10/1/2008	10/1/2008	4/1/2008		\$ -	\$ -
	GENTLMREDWIL	10/1/2008	10/1/2008	4/1/2008		\$ -	\$ -
	GIBSON - HUMPHREY 115KV CKT 1	10/1/2008	10/1/2008	6/1/2008		\$ -	\$ -
	GIBSON - RAMOS 138KV CKT 1	10/1/2008	10/1/2008	6/1/2008		\$ -	\$ -
	GIBSON 138/115KV TRANSFORMER CKT 1	10/1/2008	10/1/2008	6/1/2008		\$ -	\$ -
	LINE 642 TAP - LIVONIA BULK 138KV CKT 1	10/1/2008	10/1/2008	6/1/2008		\$ -	\$ -
	LIVONIA BULK - WILBERT 138KV CKT 1	10/1/2008	10/1/2008	6/1/2008		\$ -	\$ -
	LOUISIANA STATION - WILBERT 138KV CKT 1	10/1/2008	10/1/2008	6/1/2008		\$ -	\$ -
	WATERFORD - WILLOW GLEN 500KV CKT 1	10/1/2008	10/1/2008	4/1/2008		\$ -	\$ -
	WATERFORD 500/230KV TRANSFORMER CKT 1	10/1/2008	10/1/2008	4/1/2008		\$ -	\$ -
Total						\$ -	\$ -

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

Customer Study Number
EDE AG3-2007-037

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
EDE	1350960	KCPL	EDE	5	11/1/2008	11/1/2018	6/1/2010	6/1/2020	\$ 27,902	\$ -	\$ 72,420	\$ 61,240
									\$ 27,902	\$ -	\$ 72,420	\$ 61,240

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1350960	Craig 161KV add 70MVAR cap	6/1/2013	6/1/2013			\$ 20,567	\$ 900,000	\$ 46,660
	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 SWPA	6/1/2009	6/1/2010		Yes	\$ 44,518	\$ 2,500,000	\$ -
	PLATTE CITY - SMITHVILLE 161KV CKT 1 #1	6/1/2012	6/1/2012			\$ 5,639	\$ 180,000	\$ 10,871
	SUB 124 - AURORA H.T. - SUB 152 - MONETT H.T. 69KV CKT 1 Displacement	6/1/2009	6/1/2009			\$ 106	\$ 214	\$ 232
	SUB 152 - MONETT H.T. - SUB 383 - MONETT 69KV CKT 1 Displacement	6/1/2009	6/1/2009			\$ 1,590	\$ 3,202	\$ 3,477
Total						\$ 72,420	\$ 3,583,416	\$ 61,240

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
1350960	AFTON (AFTAUTO1) 161/69/13.8KV TRANSFORMER CKT 1	6/1/2009	6/1/2010		
	BULL SHOALS - BULL SHOALS 161KV CKT 1	6/1/2009	6/1/2011		
	Craig 161KV 50MVar Cap Bank	6/1/2013	6/1/2013	6/1/2009	
	JAMESVILLE - SUB 415 - BLACKHAWK JCT. 69KV CKT 1 EMDE	6/1/2014	6/1/2014		
	SUB 383 - MONETT - SUB 376 - MONETT CITY SOUTH 161/69/12.5KV TRANSFORMER CKT 1	6/1/2017	6/1/2017		
	SUB 438 - RIVERSIDE 161KV	6/1/2013	6/1/2013		

Reliability Upgrades - The 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
1350960	ALABAMA - LAKE ROAD 161KV CKT 1	6/1/2011	6/1/2011		
	Craig 161KV 20MVAR Upgrade	6/1/2013	6/1/2013		
	JOPLIN 59 - SUB 439 - STATELINE 161KV CKT 1	6/1/2010	6/1/2012		
	JOPLIN 59 - SUB 59 - JOPLIN 26TH ST. 161/69KV TRANSFORMER CKT 1	6/1/2010	6/1/2012		
	MIDWAY - ST JOE 161KV CKT 1	12/1/2012	12/1/2012		
	SOUTHWEST - SOUTHWEST DISPOSAL 161KV CKT 1	6/1/2014	6/1/2014		
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	
	SUB 124 - AURORA H.T. 69KV	6/1/2013	6/1/2013		
	SUB 145 - JOPLIN WEST 7TH - SUB 439 - STATELINE 161KV CKT 1	6/1/2017	6/1/2017		
	SUB 145 - JOPLIN WEST 7TH - SUB 64 - JOPLIN 10TH ST. 69KV CKT 1	6/1/2013	6/1/2013		
	SUB 170 - NICHOLS ST. - SUB 80 - MARSHFIELD JCT. 69KV CKT 1	6/1/2012	6/1/2012		

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
1350960	IATAN - STRANGER CREEK 345KV CKT 2	6/1/2012	6/1/2012		
	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	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
1350960	SBEE BR - QUITMAN 161KV CKT 1	6/1/2009	6/1/2009			\$ -	\$ -
	SCLINTN - CLINTON WEST (AEC) 161KV CKT 1	12/1/2012	12/1/2012			\$ -	\$ -
	SST JOE 161.00 - EVERTON 161KV CKT 1	12/1/2008	12/1/2008			\$ -	\$ -
	CLINTON - HOLDEN 161KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 ENTR	6/1/2009	6/1/2009			\$ -	\$ -
	EVERTON - HARRISON-EAST 161KV CKT 1	12/1/2008	12/1/2008			\$ -	\$ -
	HARRISON-EAST - SUMMIT 161KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -
	HUBEN (HUBEN) 345/161/13.8KV TRANSFORMER CKT 1	12/1/2012	12/1/2012			\$ -	\$ -
	JAMESVILLE - SUB 415 - BLACKHAWK JCT. 69KV CKT 1 AECI	6/1/2014	6/1/2014			\$ -	\$ -
	RUSSELLVILLE EAST - RUSSELLVILLE SOUTH 161KV CKT 1	11/1/2008	11/1/2008			\$ -	\$ -
Total						\$ -	\$ -

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

Customer Study Number
 EDE AG3-2007-046

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
EDE	1352109	KCPL	EDE	5	1/1/2010	1/1/2030			\$ 27,926	-	\$ 72,444	\$ 95,977
									\$ 27,926	-	\$ 72,444	\$ 95,977

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1352109	Craig 161KV add 70MVAR cap	6/1/2013	6/1/2013			\$ 20,567	\$ 900,000	\$ 73,180
	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 SWPA	6/1/2009	6/1/2010			\$ 44,518	\$ 2,500,000	\$ -
	PLATTE CITY - SMITHVILLE 161KV CKT 1 #1	6/1/2012	6/1/2012			\$ 5,639	\$ 180,000	\$ 16,933
	SUB 124 - AURORA H.T. - SUB 152 - MONETT H.T. 69KV CKT 1 Displacement	6/1/2009	6/1/2009			\$ 108	\$ 214	\$ 367
	SUB 152 - MONETT H.T. - SUB 383 - MONETT 69KV CKT 1 Displacement	6/1/2009	6/1/2009			\$ 1,612	\$ 3,202	\$ 5,497
	Total					\$ 72,444	\$ 3,583,416	\$ 95,977

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
1352109	BULL SHOALS - BULL SHOALS 161KV CKT 1	6/1/2009	6/1/2011		
	Craig 161KV 50MVar Cap Bank	6/1/2013	6/1/2013	6/1/2009	
	JAMESVILLE - SUB 415 - BLACKHAWK JCT. 69KV CKT 1 EMDE	6/1/2014	6/1/2014		
	SUB 383 - MONETT - SUB 376 - MONETT CITY SOUTH 161/69/12.5KV TRANSFORMER CKT 1	6/1/2017	6/1/2017		
	SUB 438 - RIVERSIDE 161KV	6/1/2013	6/1/2013		

Reliability Upgrades - The 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
1352109	ALABAMA - LAKE ROAD 161KV CKT 1	6/1/2011	6/1/2011		
	Craig 161KV 20MVAR Upgrade	6/1/2013	6/1/2013		
	JOPLIN 59 - SUB 439 - STATELINE 161KV CKT 1	6/1/2010	6/1/2012		
	JOPLIN 59 - SUB 59 - JOPLIN 26TH ST. 161/69KV TRANSFORMER CKT 1	6/1/2010	6/1/2012		
	MIDWAY - ST JOE 161KV CKT 1	12/1/2012	12/1/2012		
	SOUTHWEST - SOUTHWEST DISPOSAL 161KV CKT 1	6/1/2014	6/1/2014		
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	
	SUB 124 - AURORA H.T. 69KV	6/1/2013	6/1/2013		
	SUB 145 - JOPLIN WEST 7TH - SUB 439 - STATELINE 161KV CKT 1	6/1/2017	6/1/2017		
	SUB 145 - JOPLIN WEST 7TH - SUB 64 - JOPLIN 10TH ST. 69KV CKT 1	6/1/2013	6/1/2013		
	SUB 170 - NICHOLS ST. - SUB 80 - MARSHFIELD JCT. 69KV CKT 1	6/1/2012	6/1/2012		

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
1352109	IATAN - STRANGER CREEK 345KV CKT 2	6/1/2012	6/1/2012		
	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	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
1352109	5BEE BR - QUITMAN 161KV CKT 1	6/1/2009	6/1/2009			\$ -	\$ -
	SCLINTN - CLINTON WEST (AEC) 161KV CKT 1	12/1/2012	12/1/2012			\$ -	\$ -
	SST JOE 161.00 - EVERTON 161KV CKT 1	12/1/2008	12/1/2008			\$ -	\$ -
	CLINTON - HOLDEN 161KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 ENTR	6/1/2009	6/1/2009			\$ -	\$ -
	EVERTON - HARRISON-EAST 161KV CKT 1	12/1/2008	12/1/2008			\$ -	\$ -
	HARRISON-EAST - SUMMIT 161KV CKT 1	6/1/2011	6/1/2011			\$ -	\$ -
	HUBEN (HUBEN) 345/161/13.8KV TRANSFORMER CKT 1	12/1/2012	12/1/2012			\$ -	\$ -
	JAMESVILLE - SUB 415 - BLACKHAWK JCT. 69KV CKT 1 AECI	6/1/2014	6/1/2014			\$ -	\$ -
	RUSSELLVILLE EAST - RUSSELLVILLE SOUTH 161KV CKT 1	11/1/2008	11/1/2008			\$ -	\$ -
	Total					\$ -	\$ -

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

Customer Study Number
GRDA AG3-2007-034

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
GRDA	1350396	OKGE	GRDA	150	6/1/2008	6/1/2013	6/1/2011	6/1/2016	\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1350396	None					\$ -	\$ -	\$ -
Total						\$ -	\$ -	\$ -

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1350396	CLAREMORE (CLRAUTO1) 161/69/13.8KV TRANSFORMER CKT 1	10/1/2008	6/1/2011		Yes
	CLAREMORE (CLRAUTO2) 161/69/13.8KV TRANSFORMER CKT 2	10/1/2008	6/1/2011		Yes
	PRYAMID CORNERS CAPCITOR	10/1/2008	6/1/2009		No
	SALLISAW CAP BANK	10/1/2008	6/1/2010		No
	SUB 438 - RIVERSIDE 161KV	6/1/2013	6/1/2013		

Reliability Upgrades - The 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
1350396	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	No
	SUB 124 - AURORA H.T. 69KV	6/1/2013	6/1/2013		

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

Customer Study Number
KBPU AG3-2007-017D

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	1339117	MPS	KACY	5	2/1/2008	2/1/2009	6/1/2013	6/1/2014	\$ -	\$ 52,800	\$ 507,565	\$ 1,082,811
									\$ -	\$ 52,800	\$ 507,565	\$ 1,082,811

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1339117	Craig 161KV add 70MVAR cap	6/1/2013	6/1/2013			\$ 6,119	\$ 900,000	\$ 14,445
	GRANDVIEW EAST - MARTIN CITY 161KV CKT 1 #2	6/1/2010	6/1/2010			\$ 498,504	\$ 4,700,000	\$ 1,062,473
	PLATTE CITY - SMITHVILLE 161KV CKT 1 #1	6/1/2012	6/1/2012			\$ 2,942	\$ 180,000	\$ 5,893
	Total					\$ 507,565	\$ 5,780,000	\$ 1,082,811

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1339117	BELTON SOUTH - TURNER ROAD SUBSTATION 161KV CKT 1	10/1/2008	6/1/2009		
	Craig 161KV 50MVar Cap Bank	6/1/2013	6/1/2013	6/1/2009	

Reliability Upgrades - The 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
1339117	ALABAMA - LAKE ROAD 161KV CKT 1	6/1/2011	6/1/2011		
	BLUE SPRINGS EAST - DUNCAN ROAD 161KV CKT 1	10/1/2008	6/1/2010		
	Craig 161KV 20MVAR Upgrade	6/1/2013	6/1/2013		
	MARTIN CITY - TURNER ROAD SUBSTATION 161KV CKT 1	10/1/2008	6/1/2013		
	SIBLEY 161/69KV TRANSFORMER CKT 2	10/1/2008	6/1/2010		
	South Harper - Freeman 69 kV	10/1/2008	10/1/2008	6/1/2008	
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	

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
1339117	IATAN - STRANGER CREEK 345KV CKT 2	6/1/2012	6/1/2012		
	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	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 AG3-2007-074

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	1353013	KCPL	KCPL	45	11/1/2008	11/1/2018	2/1/2011	2/1/2021	\$ 554,036	-	\$ 554,036	\$ 1,393,397
									\$ 554,036	\$ -	\$ 554,036	\$ 1,393,397

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1353013	Craig 161KV add 70MVAR cap	6/1/2013	6/1/2013			\$ 284,592	\$ 900,000	\$ 699,801
	MERRIAM - ROELAND PARK 161KV CKT 1 Displacement	6/1/2011	6/1/2011			\$ 184,521	\$ 669,819	\$ 516,394
	PLATTE CITY - SMITHVILLE 161KV CKT 1 #1	6/1/2012	6/1/2012			\$ 84,923	\$ 180,000	\$ 177,202
	Total					\$ 554,036	\$ 1,749,819	\$ 1,393,397

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
1353013	ANTIOCH - OXFORD 161KV CKT 1	6/1/2017	6/1/2017	12/1/2008	
	BELTON SOUTH - TURNER ROAD SUBSTATION 161KV CKT 1	10/1/2008	6/1/2009		
	Craig 161KV 50MVar Cap Bank	6/1/2013	6/1/2013	6/1/2009	
	SUB 438 - RIVERSIDE 161KV	6/1/2013	6/1/2013		

Reliability Upgrades - The 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
1353013	ALABAMA - LAKE ROAD 161KV CKT 1	6/1/2011	6/1/2011		
	AVONDALE - GLADSTONE 161KV CKT 1	6/1/2010	6/1/2010		
	BLUE SPRINGS EAST - DUNCAN ROAD 161KV CKT 1	10/1/2008	6/1/2010		Yes
	CRAIG - LENEXA SOUTH 161KV CKT 1 Displacement	6/1/2017	6/1/2017		
	Craig 161KV 20MVAR Upgrade	6/1/2013	6/1/2013		
	MARTIN CITY - TURNER ROAD SUBSTATION 161KV CKT 1	10/1/2008	6/1/2013		
	REDEL - STILWELL 161KV CKT 1	10/1/2008	6/1/2011	2/1/2011	Yes
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	Yes
	SUB 124 - AURORA H.T. 69KV	6/1/2013	6/1/2013		

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
1353013	COOK - ST JOE 161KV CKT 1	6/1/2012	6/1/2012	6/1/2010	
	IATAN - STRANGER CREEK 345KV CKT 2	6/1/2012	6/1/2012		
	MARTIN CITY - REDEL 161KV CKT 1	6/1/2009	6/1/2011	2/1/2011	Yes
	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	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 AG3-2007-075A

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	1353028	WPEK	KCPL	50	6/1/2008	6/1/2009	6/1/2013	6/1/2014	\$ -	\$ 528,000	\$ 2,816,371	\$ 4,668,904
									\$ -	\$ 528,000	\$ 2,816,371	\$ 4,668,904

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1353028	CLIFTON - GREENLEAF 115KV CKT 1	6/1/2011	6/1/2011			\$ 1,389,339	\$ 3,598,794	\$ 2,184,896
	G06-21T 138.00 - HARPER 138KV CKT 1	12/1/2008	6/1/2011		Yes	\$ 425,737	\$ 6,035,477	\$ 744,462
	GRANDVIEW EAST - MARTIN CITY 161KV CKT 1 #2	6/1/2010	6/1/2010			\$ 334,292	\$ 4,700,000	\$ 597,630
	HARPER - MILAN TAP 138KV CKT 1	12/1/2009	6/1/2010			\$ 23,807	\$ 337,500	\$ 44,583
	MEDICINE LODGE - PRATT 115KV CKT 1	12/1/2008	6/1/2011		Yes	\$ 515,715	\$ 6,497,822	\$ 811,021
	MERRIAM - ROELAND PARK 161KV CKT 1 Displacement	6/1/2011	6/1/2011			\$ 127,481	\$ 669,819	\$ 286,312
	Total					\$ 2,816,371	\$ 21,839,412	\$ 4,668,904

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1353028	BELTON SOUTH - TURNER ROAD SUBSTATION 161KV CKT 1	10/1/2008	6/1/2009		Yes
	Craig 161kV 50MVar Cap Bank	6/1/2013	6/1/2013	6/1/2009	
	HARPER 138KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	NORTH CIMARRON 115KV Capacitor	6/1/2009	6/1/2009	12/1/2008	
	PRATT 115KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	RUSSELL 115KV Capacitor	6/1/2011	6/1/2011		

Reliability Upgrades - The 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
1353028	ALABAMA - LAKE ROAD 161KV CKT 1	6/1/2011	6/1/2011		
	CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1	10/1/2008	6/1/2011		Yes
	CLAY CENTER - GREENLEAF 115KV CKT 1	10/1/2008	6/1/2011		Yes
	Craig 161KV 20MVAR Upgrade	6/1/2013	6/1/2013		
	MARTIN CITY - TURNER ROAD SUBSTATION 161KV CKT 1	10/1/2008	6/1/2013		Yes
	REDEL - STILLWELL 161KV CKT 1	10/1/2008	6/1/2011	2/1/2011	Yes
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	Yes

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1353028	CONCORDIA - JEWELL 3 115KV CKT 1	6/1/2013	6/1/2013		
	COOK - ST JOE 161KV CKT 1	6/1/2012	6/1/2012	6/1/2010	
	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1 Displacement	6/1/2009	6/1/2011		Yes
	East Manhattan - SW Manhattan 115kV Displacement	6/1/2009	6/1/2011		Yes
	EAST MANHATTAN (EMANH3X) 230/115/118.0KV TRANSFORMER CKT 2 Displacement	6/1/2009	6/1/2011		Yes
	East Manhattan to Mcdowell 230 kV Displacement	6/1/2009	6/1/2011		Yes
	GRANDVIEW EAST - SAMPSON 161KV CKT 1 #1	12/1/2012	12/1/2012	6/1/2010	
	IATAN - STRANGER CREEK 345KV CKT 2	6/1/2012	6/1/2012		
	JEWELL 3 - SMITH CENTER 115KV CKT 1	6/1/2013	6/1/2013		
	LONGVIEW - SAMPSON 161KV CKT 1 #1	12/1/2012	12/1/2012	6/1/2010	
	MARTIN CITY - REDEL 161KV CKT 1	6/1/2009	6/1/2011	2/1/2011	Yes
	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	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 AG3-2007-064

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KEPC	1352933	WR	KCPL	15	6/1/2008	6/1/2040	6/1/2013	6/1/2045	\$ 2,700,000	-	\$ 7,080,972	\$ 31,302,441
									\$ 2,700,000	\$ -	\$ 7,080,972	\$ 31,302,441

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1352933	95TH & WAVERLY - EAST S.A.A.P. JCT 115KV CKT 1	6/1/2011	6/1/2011			\$ 108,120	\$ 550,000	\$ 536,355
	Craig 161kV add 70MVAR cap	6/1/2013	6/1/2013			\$ 38,869	\$ 900,000	\$ 190,547
	DEARING 138KV Capacitor #2	6/1/2010	6/1/2010			\$ 118,663	\$ 1,680,000	\$ 576,071
	GRANDVIEW EAST - MARTIN CITY 161KV CKT 1 #2	6/1/2010	6/1/2010			\$ 920,205	\$ 4,700,000	\$ 4,037,343
	GRANDVIEW EAST - SAMPSON 161KV CKT 1 #2	12/1/2012	12/1/2012	6/1/2010		\$ 3,225,000	\$ 3,225,000	\$ 14,149,490
	LONGVIEW - SAMPSON 161KV CKT 1 #2	12/1/2012	12/1/2012	6/1/2010		\$ 2,550,000	\$ 2,550,000	\$ 11,187,969
	MERRIAM - ROELAND PARK 161KV CKT 1 Displacement	6/1/2011	6/1/2011			\$ 88,863	\$ 669,819	\$ 495,798
	PLATTE CITY - SMITHVILLE 161KV CKT 1 #1	6/1/2012	6/1/2012			\$ 31,252	\$ 180,000	\$ 128,868
	Total					\$ 7,080,972	\$ 14,454,819	\$ 31,302,441

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
1352933	ANTIOCH - OXFORD 161KV CKT 1	6/1/2017	6/1/2017	12/1/2008	
	BELTON SOUTH - TURNER ROAD SUBSTATION 161KV CKT 1	10/1/2008	6/1/2009		Yes
	BISMARCK JUNCTION SWITCHING STATION - FARMERS CONSUMER CO-OP 115KV CKT 1	6/1/2015	6/1/2015		
	BISMARCK JUNCTION SWITCHING STATION - MIDLAND JUNCTION 115KV CKT 1	6/1/2015	6/1/2015		
	Craig 161kV 50MVar Cap Bank	6/1/2013	6/1/2013	6/1/2009	
	FARMERS CONSUMER CO-OP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011		
	GILL ENERGY CENTER EAST - OATVILLE 69KV CKT 1	10/1/2008	10/1/2008	6/1/2008	
	LAWRENCE HILL - MOCKINGBIRD HILL SWITCHING STATION 115KV CKT 1	6/1/2017	6/1/2017		
	SOUTHWEST LAWRENCE - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011		
	Summit - NE Saline 115 kV	10/1/2008	12/1/2009		

Reliability Upgrades - The 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
1352933	95TH & WAVERLY - CAPTAIN JUNCTION 115KV CKT 1	6/1/2011	6/1/2011		
	ALABAMA - LAKE ROAD 161KV CKT 1	6/1/2011	6/1/2011		
	COWSKIN - WESTLINK 69KV	6/1/2010	6/1/2010		
	CRAIG - LENEXA SOUTH 161KV CKT 1 Displacement	6/1/2017	6/1/2017		
	Craig 161kV 20MVAR Upgrade	6/1/2013	6/1/2013		
	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1 #2	6/1/2016	6/1/2016		
	HOOVER NORTH - LAKERIDGE 138KV CKT 1	6/1/2016	6/1/2016		
	HOOVER SOUTH - TYLER 69KV	6/1/2010	6/1/2010		
	MARTIN CITY - TURNER ROAD SUBSTATION 161KV CKT 1	10/1/2008	6/1/2013		Yes
	REDEL - STILWELL 161KV CKT 1	10/1/2008	6/1/2011	2/1/2011	Yes
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	Yes
	TYLER - WESTLINK 69KV	6/1/2010	6/1/2010		

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
1352933	ALLEN - LEHIGH TAP 69KV CKT 1	6/1/2011	6/1/2011		
	Athens to Owl Creek 69 kv	6/1/2011	6/1/2011		
	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	6/1/2011	6/1/2011		
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	6/1/2011	6/1/2011		
	COOK - ST JOE 161KV CKT 1	6/1/2012	6/1/2012	6/1/2010	
	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1 #1 Displacement	6/1/2010	6/1/2010		
	GRANDVIEW EAST - SAMPSON 161KV CKT 1 #1	12/1/2012	12/1/2012	6/1/2010	
	Green to Vernon 69 kv	6/1/2011	6/1/2011		
	IATAN - STRANGER CREEK 345KV CKT 2	6/1/2012	6/1/2012		
	LEHIGH TAP - OWL CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	LONGVIEW - SAMPSON 161KV CKT 1 #1	12/1/2012	12/1/2012	6/1/2010	
	MARTIN CITY - REDEL 161KV CKT 1	6/1/2009	6/1/2011	2/1/2011	Yes
	NEOSHO - NORTHEAST PARSONS 138KV CKT 1	6/1/2010	6/1/2010	6/1/2009	
	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	6/1/2009	6/1/2009		
	Vernon to Athens 69 kv	6/1/2011	6/1/2011		
	WICHITA - RENO 345KV	10/1/2008	12/1/2008		Yes

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

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1352933	WICHITA - RENO 345KV	10/1/2008	12/1/2008		

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

Customer Study Number
KEPC AG3-2007-066

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KEPC	1352938	WR	WR	68	6/1/2008	6/1/2040	6/1/2011	6/1/2043	\$ 1,428,491	-	\$ 1,428,491	\$ 7,985,888
									\$ 1,428,491	\$ -	\$ 1,428,491	\$ 7,985,888

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1352938	95TH & WAVERLY - EAST S.A.A.P. JCT 115KV CKT 1	6/1/2011	6/1/2011			\$ 301,276	\$ 550,000	\$ 1,686,019
	Craig 161kV add 70MVAR cap	6/1/2013	6/1/2013			\$ 50,444	\$ 900,000	\$ 286,416
	DEARING 138KV Capacitor #2	6/1/2010	6/1/2010			\$ 224,687	\$ 1,680,000	\$ 1,230,909
	G06-21T 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2008	6/1/2011			\$ 288,416	\$ 2,011,826	\$ 1,554,547
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	10/1/2008	6/1/2010			\$ 547,033	\$ 3,825,000	\$ 3,143,961
	PLANT X STATION - TOLK STATION EAST 230KV CKT 2	12/1/2009	6/1/2010	4/1/2010	Yes	\$ 8,369	\$ 56,000	\$ 42,278
	PLANT X STATION - TOLK STATION WEST 230KV CKT 1	12/1/2009	6/1/2010	4/1/2010	Yes	\$ 8,266	\$ 56,000	\$ 41,758
Total						\$ 1,428,491	\$ 9,078,826	\$ 7,985,888

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
1352938	ANTIOCH - OXFORD 161KV CKT 1	6/1/2017	6/1/2017	12/1/2008	
	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 2	6/1/2016	6/1/2016		
	BISMARCK JUNCTION SWITCHING STATION - FARMERS CONSUMER CO-OP 115KV CKT 1	6/1/2015	6/1/2015		
	BISMARCK JUNCTION SWITCHING STATION - MIDLAND JUNCTION 115KV CKT 1	6/1/2015	6/1/2015		
	Craig 161kV 50MVar Cap Bank	6/1/2013	6/1/2013	6/1/2009	
	FARMERS CONSUMER CO-OP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011		
	HARPER 138KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	LAWRENCE HILL - MOCKINGBIRD HILL SWITCHING STATION 115KV CKT 1	6/1/2017	6/1/2017		
	NORTH CIMARRON 115KV Capacitor	6/1/2009	6/1/2009	12/1/2008	
	PLAINVILLE 115KV Capacitor	6/1/2012	6/1/2012		
	PRATT 115KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	RUSSELL 115KV Capacitor	6/1/2011	6/1/2011		
	SOUTHWEST LAWRENCE - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011		
	ST JOHN CAPACITOR	6/1/2016	6/1/2016		
	Summit - NE Saline 115 kV	10/1/2008	12/1/2009		

Reliability Upgrades - The 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
1352938	95TH & WAVERLY - CAPTAIN JUNCTION 115KV CKT 1	6/1/2011	6/1/2011		
	CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1	10/1/2008	6/1/2011		Yes
	CLAY CENTER - GREENLEAF 115KV CKT 1	10/1/2008	6/1/2011		Yes
	COWSKIN - WESTLINK 69KV	6/1/2010	6/1/2010		
	Craig 161kV 20MVAR Upgrade	6/1/2013	6/1/2013		
	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1 #2	6/1/2016	6/1/2016		
	HOOVER NORTH - LAKERIDGE 138KV CKT 1	6/1/2016	6/1/2016		
	HOOVER SOUTH - TYLER 69KV	6/1/2010	6/1/2010		
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	
	TYLER - WESTLINK 69KV	6/1/2010	6/1/2010		

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
1352938	ALLEN - LEHIGH TAP 69KV CKT 1	6/1/2011	6/1/2011		
	Athens to Owl Creek 69 kV	6/1/2011	6/1/2011		
	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	6/1/2011	6/1/2011		
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	6/1/2011	6/1/2011		
	CONCORDIA - JEWELL 3 115KV CKT 1	6/1/2013	6/1/2013		
	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1 Displacement	6/1/2009	6/1/2011		No
	East Manhattan - SW Manhattan 115kV Displacement	6/1/2009	6/1/2011		No
	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 2 Displacement	6/1/2009	6/1/2011		No
	East Manhattan to Mcdowell 230 kV Displacement	6/1/2009	6/1/2011		No
	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1 #1 Displacement	6/1/2010	6/1/2010		
	Green to Vernon 69 kV	6/1/2011	6/1/2011		
	LEHIGH TAP - OWL CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	NEOSHO - NORTHEAST PARSONS 138KV CKT 1	6/1/2010	6/1/2010	6/1/2009	
	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	6/1/2009	6/1/2009		
	Vernon to Athens 69 kV	6/1/2011	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
1352938	WICHITA - RENO 345KV	10/1/2008	12/1/2008		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1352938	GENTLMREDWIL	10/1/2008	10/1/2008	4/1/2008		\$ -	\$ -
Total						\$ -	\$ -

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

Customer Study Number
KMEA AG3-2007-104

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KMEA	1355377	OPPD	KCPL	20	1/1/2009	1/1/2013	6/1/2010	6/1/2014	\$ -	\$ -	\$ 72,450	\$ 139,557
									\$ -	\$ -	\$ 72,450	\$ 139,557

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1355377	Craig 161KV add 70MVAR cap	6/1/2013	6/1/2013			\$ 69,078	\$ 900,000	\$ 133,988
	PLATTE CITY - SMITHVILLE 161KV CKT 1 #1	6/1/2012	6/1/2012			\$ 3,372	\$ 180,000	\$ 5,569
						\$ 72,450	\$ 1,080,000	\$ 139,557

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
1355377	Craig 161KV 50MVar Cap Bank	6/1/2013	6/1/2013	6/1/2009	
	SUB 438 - RIVERSIDE 161KV	6/1/2013	6/1/2013		

Reliability Upgrades - The 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
1355377	ALABAMA - LAKE ROAD 161KV CKT 1	6/1/2011	6/1/2011		
	BLUE SPRINGS EAST - DUNCAN ROAD 161KV CKT 1	10/1/2008	6/1/2010		Yes
	Craig 161KV 20MVAR Upgrade	6/1/2013	6/1/2013		
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	Yes
	SUB 124 - AURORA H.T. 69KV	6/1/2013	6/1/2013		

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
1355377	COOK - ST JOE 161KV CKT 1	6/1/2012	6/1/2012	6/1/2010	
	IATAN - STRANGER CREEK 345KV CKT 2	6/1/2012	6/1/2012		
	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	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
1355377	GENTLMREDWIL	10/1/2008	10/1/2008	4/1/2008		\$ -	\$ -
						\$ -	\$ -

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

Customer Study Number
KPP AG3-2007-040

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
KPP	1351224	WR	WR	4	2/1/2008	2/1/2018	6/1/2011	6/1/2021	\$ 22,975	\$ -	\$ 22,975	\$ 54,940
									\$ 22,975	\$ -	\$ 22,975	\$ 54,940

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1351224	BARTLESVILLE SOUTHEAST - NORTH BARTLESVILLE 138KV CKT 1 #2	6/1/2011	6/1/2011			\$ 4,608	\$ 500,000	\$ 10,427
	COFFEYVILLE FARMLAND - DELAWARE 138KV CKT 1	6/1/2014	6/1/2014			\$ 311	\$ 100,000	\$ 602
	COFFEYVILLE FARMLAND 138KV CAP BANK	6/1/2010	6/1/2010			\$ 894	\$ 250,000	\$ 2,141
	COFFEYVILLE TAP - NORTH BARTLESVILLE 138KV CKT 1 #2	6/1/2011	6/1/2011			\$ 2,765	\$ 300,000	\$ 6,370
	Craig 161kV add 70MVAR cap	6/1/2013	6/1/2013			\$ 4,913	\$ 900,000	\$ 12,081
	DEARING 138KV Capacitor Displacement	10/1/2008	6/1/2010			\$ 272	\$ 85,922	\$ 720
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	10/1/2008	6/1/2010		Yes	\$ 9,212	\$ 3,825,000	\$ 22,599
Total						\$ 22,975	\$ 5,960,922	\$ 54,940

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
1351224	Craig 161kV 50MVar Cap Bank	6/1/2013	6/1/2013	6/1/2009	
	Fort Scott - SW Bourbon 161 kV	6/1/2017	6/1/2017		
	GILL ENERGY CENTER EAST - OATVILLE 69KV CKT 1	10/1/2008	10/1/2008	6/1/2008	
	HARPER 138KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	PRATT 115KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	ROSE HILL JUNCTION - WEAVER 69KV CKT 1	10/1/2008	12/1/2008		
	SUB 438 - RIVERSIDE 161KV	6/1/2013	6/1/2013		
	Summit - NE Saline 115 kV	10/1/2008	12/1/2009		Yes

Reliability Upgrades - The 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
1351224	BPU - CITY OF MCPHERSON JOHNS-MANVILLE - EAST MCPHERSON SWITCHING STATION 115KV	6/1/2009	6/1/2011		Yes
	Craig 161kV 20MVAR Upgrade	6/1/2013	6/1/2013		
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	Yes
	SUB 124 - AURORA H.T. 69KV	6/1/2013	6/1/2013		

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
1351224	ALLEN - LEHIGH TAP 69KV CKT 1	6/1/2011	6/1/2011		
	ARKANSAS CITY - PARIS 69KV CKT 1 #1 Displacement	6/1/2016	6/1/2016	6/1/2009	
	ASH GROVE JCT2 - TIOGA 69KV CKT 1	6/1/2017	6/1/2017	6/1/2011	
	Athens to Owl Creek 69 kV	6/1/2011	6/1/2011		
	BARTLESVILLE SOUTHEAST - NORTH BARTLESVILLE 138KV CKT 1	10/1/2008	6/1/2011		
	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	6/1/2011	6/1/2011		
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	CHANUTE TAP - TIOGA 69KV CKT 1	6/1/2017	6/1/2017	6/1/2011	
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	6/1/2011	6/1/2011		
	COFFEYVILLE TAP - DEARING 138KV CKT 1 AEPW	12/1/2008	6/1/2010		
	COFFEYVILLE TAP - DEARING 138KV CKT 1 WERE	12/1/2008	6/1/2010		
	COFFEYVILLE TAP - DEARING 138KV CKT 1 WERE #2	12/1/2008	6/1/2010		
	COFFEYVILLE TAP - NORTH BARTLESVILLE 138KV CKT 1	10/1/2008	6/1/2011		
	CRESWELL - OAK 69KV CKT 1 #1 Displacement	6/1/2014	6/1/2014	6/1/2009	
	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1 Displacement	6/1/2009	6/1/2011		Yes
	East Manhattan - SW Manhattan 115KV Displacement	6/1/2009	6/1/2011		Yes
	EAST MANHATTAN (EMANH3X) 230/115/18.0KV TRANSFORMER CKT 2 Displacement	6/1/2009	6/1/2011		Yes
	East Manhattan to McDowell 230 kV Displacement	6/1/2009	6/1/2011		Yes
	Green to Vernon 69 kV	6/1/2011	6/1/2011		
	IATAN - STRANGER CREEK 345KV CKT 2	6/1/2012	6/1/2012		
	LEHIGH TAP - OWL CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	LITCHFIELD - AQUARIUS - HUDSON JUNCTION 69KV CKT 1 Displacement	6/1/2014	6/1/2014		
	RENO - SUMMIT 345KV	10/1/2008	12/1/2009		Yes
	ROSE HILL (ROSEHL1X) 345/138/13.8KV TRANSFORMER CKT 3 Displacement	10/1/2008	6/1/2011		
	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	6/1/2009	6/1/2009		
	Vernon to Athens 69 kV	6/1/2011	6/1/2011		
	WICHITA - RENO 345KV	10/1/2008	12/1/2008		Yes

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

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1351224	WICHITA - RENO 345KV	10/1/2008	12/1/2008		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1351224	GENTLMREDWIL	10/1/2008	10/1/2008	4/1/2008		\$ -	\$ -
Total						\$ -	\$ -

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

Customer Study Number
 MIDW AG3-2007-082

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
MIDW	1353081	WR	WR	5	6/1/2008	6/1/2013	6/1/2011	6/1/2016	\$ -	\$ 472,500	\$ 64,018	\$ 157,566
MIDW	1353082	WR	WR	4	6/1/2008	6/1/2013	6/1/2011	6/1/2016	\$ -	\$ 378,000	\$ 51,213	\$ 126,049
MIDW	1353083	WR	WR	3	6/1/2008	6/1/2013	6/1/2011	6/1/2016	\$ -	\$ 283,500	\$ 38,409	\$ 94,536
MIDW	1353084	WR	WR	2	6/1/2008	6/1/2013	6/1/2011	6/1/2016	\$ -	\$ 189,000	\$ 25,607	\$ 63,024
MIDW	1353085	WR	WR	1	6/1/2008	6/1/2013	6/1/2011	6/1/2016	\$ -	\$ 94,500	\$ 12,804	\$ 31,514
									\$ -	\$ 1,417,500	\$ 192,051	\$ 472,689

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1353081	95TH & WAVERLY - EAST S.A.A.P. JCT 115KV CKT 1	6/1/2011	6/1/2011			\$ 22,740	\$ 550,000	\$ 58,901
	Craig 161kV add 70MVAR cap	6/1/2013	6/1/2013			\$ 2,906	\$ 900,000	\$ 6,801
	DEARING 138KV Capacitor #2	6/1/2010	6/1/2010			\$ 17,026	\$ 1,680,000	\$ 43,164
	G06-21T 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2008	6/1/2011			\$ 7,369	\$ 2,011,826	\$ 16,106
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	10/1/2008	6/1/2010		Yes	\$ 13,977	\$ 3,825,000	\$ 32,594
Total						\$ 64,018	\$ 8,966,826	\$ 157,566
1353082	95TH & WAVERLY - EAST S.A.A.P. JCT 115KV CKT 1	6/1/2011	6/1/2011			\$ 18,192	\$ 550,000	\$ 47,121
	Craig 161kV add 70MVAR cap	6/1/2013	6/1/2013			\$ 2,324	\$ 900,000	\$ 5,439
	DEARING 138KV Capacitor #2	6/1/2010	6/1/2010			\$ 13,621	\$ 1,680,000	\$ 34,531
	G06-21T 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2008	6/1/2011			\$ 5,895	\$ 2,011,826	\$ 12,884
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	10/1/2008	6/1/2010		Yes	\$ 11,181	\$ 3,825,000	\$ 26,074
Total						\$ 51,213	\$ 8,966,826	\$ 126,049
1353083	95TH & WAVERLY - EAST S.A.A.P. JCT 115KV CKT 1	6/1/2011	6/1/2011			\$ 13,644	\$ 550,000	\$ 35,341
	Craig 161kV add 70MVAR cap	6/1/2013	6/1/2013			\$ 1,743	\$ 900,000	\$ 4,079
	DEARING 138KV Capacitor #2	6/1/2010	6/1/2010			\$ 10,215	\$ 1,680,000	\$ 25,897
	G06-21T 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2008	6/1/2011			\$ 4,421	\$ 2,011,826	\$ 9,663
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	10/1/2008	6/1/2010		Yes	\$ 8,386	\$ 3,825,000	\$ 19,556
Total						\$ 38,409	\$ 8,966,826	\$ 94,536
1353084	95TH & WAVERLY - EAST S.A.A.P. JCT 115KV CKT 1	6/1/2011	6/1/2011			\$ 9,096	\$ 550,000	\$ 23,560
	Craig 161kV add 70MVAR cap	6/1/2013	6/1/2013			\$ 1,162	\$ 900,000	\$ 2,719
	DEARING 138KV Capacitor #2	6/1/2010	6/1/2010			\$ 6,810	\$ 1,680,000	\$ 17,264
	G06-21T 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2008	6/1/2011			\$ 2,948	\$ 2,011,826	\$ 6,443
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	10/1/2008	6/1/2010		Yes	\$ 5,591	\$ 3,825,000	\$ 13,038
Total						\$ 25,607	\$ 8,966,826	\$ 63,024
1353085	95TH & WAVERLY - EAST S.A.A.P. JCT 115KV CKT 1	6/1/2011	6/1/2011			\$ 4,548	\$ 550,000	\$ 11,780
	Craig 161kV add 70MVAR cap	6/1/2013	6/1/2013			\$ 581	\$ 900,000	\$ 1,360
	DEARING 138KV Capacitor #2	6/1/2010	6/1/2010			\$ 3,405	\$ 1,680,000	\$ 8,632
	G06-21T 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2008	6/1/2011			\$ 1,474	\$ 2,011,826	\$ 3,222
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	10/1/2008	6/1/2010		Yes	\$ 2,796	\$ 3,825,000	\$ 6,520
Total						\$ 12,804	\$ 8,966,826	\$ 31,514

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

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
1353081	BISMARCK JUNCTION SWITCHING STATION - FARMERS CONSUMER CO-OP 115KV CKT 1	6/1/2015	6/1/2015		
	BISMARCK JUNCTION SWITCHING STATION - MIDLAND JUNCTION 115KV CKT 1	6/1/2015	6/1/2015		
	Craig 161kV 50MVar Cap Bank	6/1/2013	6/1/2013	6/1/2009	
	FARMERS CONSUMER CO-OP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011		
	GILL ENERGY CENTER EAST - OATVILLE 69KV CKT 1	10/1/2008	10/1/2008	6/1/2008	
	HARPER 138KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	PHILLIPSBURG - RHOADES 115 kV	10/1/2008	6/1/2009	10/1/2008	
	PLAINVILLE 115KV Capacitor	6/1/2012	6/1/2012		
	PRATT 115KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	RUSSELL 115KV Capacitor	6/1/2011	6/1/2011		
	SOUTHWEST LAWRENCE - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011		
	Summit - NE Saline 115 kV	10/1/2008	12/1/2009		Yes
	1353082	BISMARCK JUNCTION SWITCHING STATION - FARMERS CONSUMER CO-OP 115KV CKT 1	6/1/2015	6/1/2015	
BISMARCK JUNCTION SWITCHING STATION - MIDLAND JUNCTION 115KV CKT 1		6/1/2015	6/1/2015		
Craig 161kV 50MVar Cap Bank		6/1/2013	6/1/2013	6/1/2009	
FARMERS CONSUMER CO-OP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1		6/1/2011	6/1/2011		
GILL ENERGY CENTER EAST - OATVILLE 69KV CKT 1		10/1/2008	10/1/2008	6/1/2008	
HARPER 138KV Capacitor		10/1/2008	6/1/2009	10/1/2008	
PHILLIPSBURG - RHOADES 115 kV		10/1/2008	6/1/2009	10/1/2008	
PLAINVILLE 115KV Capacitor		6/1/2012	6/1/2012		
PRATT 115KV Capacitor		10/1/2008	6/1/2009	10/1/2008	
RUSSELL 115KV Capacitor		6/1/2011	6/1/2011		
SOUTHWEST LAWRENCE - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1		6/1/2011	6/1/2011		
Summit - NE Saline 115 kV		10/1/2008	12/1/2009		Yes
1353083		BISMARCK JUNCTION SWITCHING STATION - FARMERS CONSUMER CO-OP 115KV CKT 1	6/1/2015	6/1/2015	
	BISMARCK JUNCTION SWITCHING STATION - MIDLAND JUNCTION 115KV CKT 1	6/1/2015	6/1/2015		
	Craig 161kV 50MVar Cap Bank	6/1/2013	6/1/2013	6/1/2009	
	FARMERS CONSUMER CO-OP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011		
	GILL ENERGY CENTER EAST - OATVILLE 69KV CKT 1	10/1/2008	10/1/2008	6/1/2008	
	HARPER 138KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	PHILLIPSBURG - RHOADES 115 kV	10/1/2008	6/1/2009	10/1/2008	
	PLAINVILLE 115KV Capacitor	6/1/2012	6/1/2012		
	PRATT 115KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	RUSSELL 115KV Capacitor	6/1/2011	6/1/2011		
	SOUTHWEST LAWRENCE - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011		
	Summit - NE Saline 115 kV	10/1/2008	12/1/2009		Yes
	1353084	BISMARCK JUNCTION SWITCHING STATION - FARMERS CONSUMER CO-OP 115KV CKT 1	6/1/2015	6/1/2015	
BISMARCK JUNCTION SWITCHING STATION - MIDLAND JUNCTION 115KV CKT 1		6/1/2015	6/1/2015		
Craig 161kV 50MVar Cap Bank		6/1/2013	6/1/2013	6/1/2009	
FARMERS CONSUMER CO-OP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1		6/1/2011	6/1/2011		
GILL ENERGY CENTER EAST - OATVILLE 69KV CKT 1		10/1/2008	10/1/2008	6/1/2008	
HARPER 138KV Capacitor		10/1/2008	6/1/2009	10/1/2008	
PHILLIPSBURG - RHOADES 115 kV		10/1/2008	6/1/2009	10/1/2008	
PLAINVILLE 115KV Capacitor		6/1/2012	6/1/2012		
PRATT 115KV Capacitor		10/1/2008	6/1/2009	10/1/2008	
RUSSELL 115KV Capacitor		6/1/2011	6/1/2011		
SOUTHWEST LAWRENCE - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1		6/1/2011	6/1/2011		
Summit - NE Saline 115 kV		10/1/2008	12/1/2009		Yes
1353085		BISMARCK JUNCTION SWITCHING STATION - FARMERS CONSUMER CO-OP 115KV CKT 1	6/1/2015	6/1/2015	
	BISMARCK JUNCTION SWITCHING STATION - MIDLAND JUNCTION 115KV CKT 1	6/1/2015	6/1/2015		
	Craig 161kV 50MVar Cap Bank	6/1/2013	6/1/2013	6/1/2009	
	FARMERS CONSUMER CO-OP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011		
	GILL ENERGY CENTER EAST - OATVILLE 69KV CKT 1	10/1/2008	10/1/2008	6/1/2008	
	HARPER 138KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	PHILLIPSBURG - RHOADES 115 kV	10/1/2008	6/1/2009	10/1/2008	
	PLAINVILLE 115KV Capacitor	6/1/2012	6/1/2012		
	PRATT 115KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	RUSSELL 115KV Capacitor	6/1/2011	6/1/2011		
	SOUTHWEST LAWRENCE - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011		
	Summit - NE Saline 115 kV	10/1/2008	12/1/2009		Yes

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

Reliability Upgrades - The 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
1353081	95TH & WAVERLY - CAPTAIN JUNCTION 115KV CKT 1	6/1/2011	6/1/2011		
	CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1	10/1/2008	6/1/2011		Yes
	CLAY CENTER - GREENLEAF 115KV CKT 1	10/1/2008	6/1/2011		Yes
	Craig 161kV 20MVAR Upgrade	6/1/2013	6/1/2013		
	REDEL - STILWELL 161KV CKT 1	10/1/2008	6/1/2011	2/1/2011	Yes
1353082	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	Yes
	95TH & WAVERLY - CAPTAIN JUNCTION 115KV CKT 1	6/1/2011	6/1/2011		
	CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1	10/1/2008	6/1/2011		Yes
	CLAY CENTER - GREENLEAF 115KV CKT 1	10/1/2008	6/1/2011		Yes
	Craig 161kV 20MVAR Upgrade	6/1/2013	6/1/2013		
1353083	REDEL - STILWELL 161KV CKT 1	10/1/2008	6/1/2011	2/1/2011	Yes
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	Yes
	95TH & WAVERLY - CAPTAIN JUNCTION 115KV CKT 1	6/1/2011	6/1/2011		
	CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1	10/1/2008	6/1/2011		Yes
	CLAY CENTER - GREENLEAF 115KV CKT 1	10/1/2008	6/1/2011		Yes
1353084	Craig 161kV 20MVAR Upgrade	6/1/2013	6/1/2013		
	REDEL - STILWELL 161KV CKT 1	10/1/2008	6/1/2011	2/1/2011	Yes
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	Yes
	95TH & WAVERLY - CAPTAIN JUNCTION 115KV CKT 1	6/1/2011	6/1/2011		
	CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1	10/1/2008	6/1/2011		Yes
1353085	CLAY CENTER - GREENLEAF 115KV CKT 1	10/1/2008	6/1/2011		Yes
	Craig 161kV 20MVAR Upgrade	6/1/2013	6/1/2013		
	REDEL - STILWELL 161KV CKT 1	10/1/2008	6/1/2011	2/1/2011	Yes
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	Yes
	95TH & WAVERLY - CAPTAIN JUNCTION 115KV CKT 1	6/1/2011	6/1/2011		
1353085	CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1	10/1/2008	6/1/2011		Yes
	CLAY CENTER - GREENLEAF 115KV CKT 1	10/1/2008	6/1/2011		Yes
	Craig 161kV 20MVAR Upgrade	6/1/2013	6/1/2013		
	REDEL - STILWELL 161KV CKT 1	10/1/2008	6/1/2011	2/1/2011	Yes
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	Yes

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

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1353081	ALLEN - LEHIGH TAP 69KV CKT 1	6/1/2011	6/1/2011		
	Athens to Owl Creek 69 kV	6/1/2011	6/1/2011		
	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	6/1/2011	6/1/2011		
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	6/1/2011	6/1/2011		
	CONCORDIA - JEWELL 3 115KV CKT 1	6/1/2013	6/1/2013		
	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1 Displacement	6/1/2009	6/1/2011		No
	East Manhattan - SW Manhattan 115kV Displacement	6/1/2009	6/1/2011		No
	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 2 Displacement	6/1/2009	6/1/2011		No
	East Manhattan to Mcdowell 230 kV Displacement	6/1/2009	6/1/2011		No
	Green to Vernon 69 kV	6/1/2011	6/1/2011		
	JEWELL 3 - SMITH CENTER 115KV CKT 1	6/1/2013	6/1/2013		
	LEHIGH TAP - OWL CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	MARTIN CITY - REDEL 161KV CKT 1	6/1/2009	6/1/2011	2/1/2011	Yes
	NEOSHO - NORTHEAST PARSONS 138KV CKT 1	6/1/2010	6/1/2010	6/1/2009	
	RENO - SUMMIT 345KV	10/1/2008	12/1/2009		Yes
	1353082	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	6/1/2009	6/1/2009	
Vernon to Athens 69 kV		6/1/2011	6/1/2011		
WICHITA - RENO 345KV		10/1/2008	12/1/2008		Yes
ALLEN - LEHIGH TAP 69KV CKT 1		6/1/2011	6/1/2011		
Athens to Owl Creek 69 kV		6/1/2011	6/1/2011		
BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1		6/1/2011	6/1/2011		
BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1		6/1/2011	6/1/2011		
COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1		6/1/2011	6/1/2011		
CONCORDIA - JEWELL 3 115KV CKT 1		6/1/2013	6/1/2013		
EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1 Displacement		6/1/2009	6/1/2011		No
East Manhattan - SW Manhattan 115kV Displacement		6/1/2009	6/1/2011		No
EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 2 Displacement		6/1/2009	6/1/2011		No
East Manhattan to Mcdowell 230 kV Displacement		6/1/2009	6/1/2011		No
Green to Vernon 69 kV		6/1/2011	6/1/2011		
JEWELL 3 - SMITH CENTER 115KV CKT 1		6/1/2013	6/1/2013		
LEHIGH TAP - OWL CREEK 69KV CKT 1		6/1/2011	6/1/2011		
MARTIN CITY - REDEL 161KV CKT 1		6/1/2009	6/1/2011	2/1/2011	Yes
NEOSHO - NORTHEAST PARSONS 138KV CKT 1	6/1/2010	6/1/2010	6/1/2009		
RENO - SUMMIT 345KV	10/1/2008	12/1/2009		Yes	
1353083	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	6/1/2009	6/1/2009		
	Vernon to Athens 69 kV	6/1/2011	6/1/2011		
	WICHITA - RENO 345KV	10/1/2008	12/1/2008		Yes
	ALLEN - LEHIGH TAP 69KV CKT 1	6/1/2011	6/1/2011		
	Athens to Owl Creek 69 kV	6/1/2011	6/1/2011		
	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	6/1/2011	6/1/2011		
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	6/1/2011	6/1/2011		
	CONCORDIA - JEWELL 3 115KV CKT 1	6/1/2013	6/1/2013		
	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1 Displacement	6/1/2009	6/1/2011		No
	East Manhattan - SW Manhattan 115kV Displacement	6/1/2009	6/1/2011		No
	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 2 Displacement	6/1/2009	6/1/2011		No
	East Manhattan to Mcdowell 230 kV Displacement	6/1/2009	6/1/2011		No
	Green to Vernon 69 kV	6/1/2011	6/1/2011		
	JEWELL 3 - SMITH CENTER 115KV CKT 1	6/1/2013	6/1/2013		
	LEHIGH TAP - OWL CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	MARTIN CITY - REDEL 161KV CKT 1	6/1/2009	6/1/2011	2/1/2011	Yes
NEOSHO - NORTHEAST PARSONS 138KV CKT 1	6/1/2010	6/1/2010	6/1/2009		
RENO - SUMMIT 345KV	10/1/2008	12/1/2009		Yes	
1353084	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	6/1/2009	6/1/2009		
	Vernon to Athens 69 kV	6/1/2011	6/1/2011		
	WICHITA - RENO 345KV	10/1/2008	12/1/2008		Yes

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

1353084	ALLEN - LEHIGH TAP 69KV CKT 1	6/1/2011	6/1/2011		
	Athens to Owl Creek 69 kV	6/1/2011	6/1/2011		
	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	6/1/2011	6/1/2011		
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	6/1/2011	6/1/2011		
	CONCORDIA - JEWELL 3 115KV CKT 1	6/1/2013	6/1/2013		
	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1 Displacement	6/1/2009	6/1/2011		No
	East Manhattan - SW Manhattan 115kV Displacement	6/1/2009	6/1/2011		No
	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 2 Displacement	6/1/2009	6/1/2011		No
	East Manhattan to Mcdowell 230 kV Displacement	6/1/2009	6/1/2011		No
	Green to Vernon 69 kV	6/1/2011	6/1/2011		
	JEWELL 3 - SMITH CENTER 115KV CKT 1	6/1/2013	6/1/2013		
	LEHIGH TAP - OWL CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	MARTIN CITY - REDEL 161KV CKT 1	6/1/2009	6/1/2011	2/1/2011	Yes
	NEOSHO - NORTHEAST PARSONS 138KV CKT 1	6/1/2010	6/1/2010	6/1/2009	
	RENO - SUMMIT 345KV	10/1/2008	12/1/2009		Yes
	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	6/1/2009	6/1/2009		
	Vernon to Athens 69 kV	6/1/2011	6/1/2011		
	WICHITA - RENO 345KV	10/1/2008	12/1/2008		Yes
1353085	ALLEN - LEHIGH TAP 69KV CKT 1	6/1/2011	6/1/2011		
	Athens to Owl Creek 69 kV	6/1/2011	6/1/2011		
	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	6/1/2011	6/1/2011		
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	6/1/2011	6/1/2011		
	CONCORDIA - JEWELL 3 115KV CKT 1	6/1/2013	6/1/2013		
	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1 Displacement	6/1/2009	6/1/2011		No
	East Manhattan - SW Manhattan 115kV Displacement	6/1/2009	6/1/2011		No
	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 2 Displacement	6/1/2009	6/1/2011		No
	East Manhattan to Mcdowell 230 kV Displacement	6/1/2009	6/1/2011		No
	Green to Vernon 69 kV	6/1/2011	6/1/2011		
	JEWELL 3 - SMITH CENTER 115KV CKT 1	6/1/2013	6/1/2013		
	LEHIGH TAP - OWL CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	MARTIN CITY - REDEL 161KV CKT 1	6/1/2009	6/1/2011	2/1/2011	Yes
	NEOSHO - NORTHEAST PARSONS 138KV CKT 1	6/1/2010	6/1/2010	6/1/2009	
	RENO - SUMMIT 345KV	10/1/2008	12/1/2009		Yes
	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	6/1/2009	6/1/2009		
	Vernon to Athens 69 kV	6/1/2011	6/1/2011		
	WICHITA - RENO 345KV	10/1/2008	12/1/2008		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
1353081	WICHITA - RENO 345KV	10/1/2008	12/1/2008		
1353082	WICHITA - RENO 345KV	10/1/2008	12/1/2008		
1353083	WICHITA - RENO 345KV	10/1/2008	12/1/2008		
1353084	WICHITA - RENO 345KV	10/1/2008	12/1/2008		
1353085	WICHITA - RENO 345KV	10/1/2008	12/1/2008		

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Start Date	Redispatch Available
1353081	DEARING 138KV Capacitor Displacement	10/1/2008	6/1/2010		No
1353082	DEARING 138KV Capacitor Displacement	10/1/2008	6/1/2010		No
1353083	DEARING 138KV Capacitor Displacement	10/1/2008	6/1/2010		No
1353084	DEARING 138KV Capacitor Displacement	10/1/2008	6/1/2010		No
1353085	DEARING 138KV Capacitor Displacement	10/1/2008	6/1/2010		No

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Available	Allocated E & C Cost	Total E & C Cost
1353081	GENTLMREDWIL	10/1/2008	10/1/2008	4/1/2008	\$ -	\$ -
				Total	\$ -	\$ -
1353082	GENTLMREDWIL	10/1/2008	10/1/2008	4/1/2008	\$ -	\$ -
				Total	\$ -	\$ -
1353083	GENTLMREDWIL	10/1/2008	10/1/2008	4/1/2008	\$ -	\$ -
				Total	\$ -	\$ -
1353084	GENTLMREDWIL	10/1/2008	10/1/2008	4/1/2008	\$ -	\$ -
				Total	\$ -	\$ -
1353085	GENTLMREDWIL	10/1/2008	10/1/2008	4/1/2008	\$ -	\$ -
				Total	\$ -	\$ -

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

Customer Study Number
 MIDW AG3-2007-083

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
MIDW	1353086	WR	WR	1	6/1/2008	6/1/2013	6/1/2011	6/1/2016	\$ -	\$ 94,500	\$ 16,118	\$ 38,985
MIDW	1353088	WR	WR	2	6/1/2008	6/1/2013	6/1/2011	6/1/2016	\$ -	\$ 189,000	\$ 32,236	\$ 77,972
									\$ -	\$ 283,500	\$ 48,354	\$ 116,957

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1353086	95TH & WAVERLY - EAST S.A.A.P. JCT 115KV CKT 1	6/1/2011	6/1/2011			\$ 4,270	\$ 550,000	\$ 11,060
	Craig 161KV add 70MVAR cap	6/1/2013	6/1/2013			\$ 637	\$ 900,000	\$ 1,491
	DEARING 138KV Capacitor #2	6/1/2010	6/1/2010			\$ 3,378	\$ 1,680,000	\$ 8,564
	DEARING 138KV Capacitor Displacement	10/1/2008	6/1/2010			\$ 1	\$ 85,922	\$ 2
	G06-21T 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2008	6/1/2011			\$ 2,704	\$ 2,011,826	\$ 5,910
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	10/1/2008	6/1/2010		Yes	\$ 5,128	\$ 3,825,000	\$ 11,958
					Total	\$ 16,118	\$ 9,052,748	\$ 38,985
1353088	95TH & WAVERLY - EAST S.A.A.P. JCT 115KV CKT 1	6/1/2011	6/1/2011			\$ 8,541	\$ 550,000	\$ 22,123
	Craig 161KV add 70MVAR cap	6/1/2013	6/1/2013			\$ 1,274	\$ 900,000	\$ 2,981
	DEARING 138KV Capacitor #2	6/1/2010	6/1/2010			\$ 6,757	\$ 1,680,000	\$ 17,130
	DEARING 138KV Capacitor Displacement	10/1/2008	6/1/2010			\$ 1	\$ 85,922	\$ 3
	G06-21T 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2008	6/1/2011			\$ 5,407	\$ 2,011,826	\$ 11,818
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	10/1/2008	6/1/2010		Yes	\$ 10,256	\$ 3,825,000	\$ 23,917
					Total	\$ 32,236	\$ 9,052,748	\$ 77,972

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
1353086	BISMARCK JUNCTION SWITCHING STATION - FARMERS CONSUMER CO-OP 115KV CKT 1	6/1/2015	6/1/2015		
	BISMARCK JUNCTION SWITCHING STATION - MIDLAND JUNCTION 115KV CKT 1	6/1/2015	6/1/2015		
	Craig 161KV 50MVar Cap Bank	6/1/2013	6/1/2013	6/1/2009	
	FARMERS CONSUMER CO-OP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011		
	GILL ENERGY CENTER EAST - OATVILLE 69KV CKT 1	10/1/2008	10/1/2008	6/1/2008	
	HARPER 138KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	PLAINVILLE 115KV Capacitor	6/1/2012	6/1/2012		
	PRATT 115KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	RUSSELL 115KV Capacitor	6/1/2011	6/1/2011		
	SOUTHWEST LAWRENCE - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011		
	Summit - NE Saline 115 kV	10/1/2008	12/1/2009		Yes
1353088	BISMARCK JUNCTION SWITCHING STATION - FARMERS CONSUMER CO-OP 115KV CKT 1	6/1/2015	6/1/2015		
	BISMARCK JUNCTION SWITCHING STATION - MIDLAND JUNCTION 115KV CKT 1	6/1/2015	6/1/2015		
	Craig 161KV 50MVar Cap Bank	6/1/2013	6/1/2013	6/1/2009	
	FARMERS CONSUMER CO-OP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011		
	GILL ENERGY CENTER EAST - OATVILLE 69KV CKT 1	10/1/2008	10/1/2008	6/1/2008	
	HARPER 138KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	PLAINVILLE 115KV Capacitor	6/1/2012	6/1/2012		
	PRATT 115KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	RUSSELL 115KV Capacitor	6/1/2011	6/1/2011		
	SOUTHWEST LAWRENCE - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011		
	Summit - NE Saline 115 kV	10/1/2008	12/1/2009		Yes

Reliability Upgrades - The 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
1353086	95TH & WAVERLY - CAPTAIN JUNCTION 115KV CKT 1	6/1/2011	6/1/2011		
	CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1	10/1/2008	6/1/2011		Yes
	CLAY CENTER - GREENLEAF 115KV CKT 1	10/1/2008	6/1/2011		Yes
	Craig 161KV 20MVAR Upgrade	6/1/2013	6/1/2013		
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	Yes
1353088	95TH & WAVERLY - CAPTAIN JUNCTION 115KV CKT 1	6/1/2011	6/1/2011		
	CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1	10/1/2008	6/1/2011		Yes
	CLAY CENTER - GREENLEAF 115KV CKT 1	10/1/2008	6/1/2011		Yes
	Craig 161KV 20MVAR Upgrade	6/1/2013	6/1/2013		
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	Yes

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

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1353086	ALLEN - LEHIGH TAP 69KV CKT 1	6/1/2011	6/1/2011		
	Athens to Owl Creek 69 kV	6/1/2011	6/1/2011		
	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	6/1/2011	6/1/2011		
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	6/1/2011	6/1/2011		
	CONCORDIA - JEWELL 3 115KV CKT 1	6/1/2013	6/1/2013		
	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1 Displacement	6/1/2009	6/1/2011		No
	East Manhattan - SW Manhattan 115kV Displacement	6/1/2009	6/1/2011		No
	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 2 Displacement	6/1/2009	6/1/2011		No
	East Manhattan to Mcdowell 230 kV Displacement	6/1/2009	6/1/2011		No
	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1 #1 Displacement	6/1/2010	6/1/2010		
	Green to Vernon 69 kV	6/1/2011	6/1/2011		
	JEWELL 3 - SMITH CENTER 115KV CKT 1	6/1/2013	6/1/2013		
	LEHIGH TAP - OWL CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	NEOSHO - NORTHEAST PARSONS 138KV CKT 1	6/1/2010	6/1/2010	6/1/2009	
	RENO - SUMMIT 345KV	10/1/2008	12/1/2009		Yes
	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	6/1/2009	6/1/2009		
	Vernon to Athens 69 kV	6/1/2011	6/1/2011		
	WICHITA - RENO 345KV	10/1/2008	12/1/2008		Yes
	1353088	ALLEN - LEHIGH TAP 69KV CKT 1	6/1/2011	6/1/2011	
Athens to Owl Creek 69 kV		6/1/2011	6/1/2011		
BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1		6/1/2011	6/1/2011		
BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1		6/1/2011	6/1/2011		
COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1		6/1/2011	6/1/2011		
CONCORDIA - JEWELL 3 115KV CKT 1		6/1/2013	6/1/2013		
EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1 Displacement		6/1/2009	6/1/2011		No
East Manhattan - SW Manhattan 115kV Displacement		6/1/2009	6/1/2011		No
EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 2 Displacement		6/1/2009	6/1/2011		No
East Manhattan to Mcdowell 230 kV Displacement		6/1/2009	6/1/2011		No
EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1 #1 Displacement		6/1/2010	6/1/2010		
Green to Vernon 69 kV		6/1/2011	6/1/2011		
JEWELL 3 - SMITH CENTER 115KV CKT 1		6/1/2013	6/1/2013		
LEHIGH TAP - OWL CREEK 69KV CKT 1		6/1/2011	6/1/2011		
NEOSHO - NORTHEAST PARSONS 138KV CKT 1		6/1/2010	6/1/2010	6/1/2009	
RENO - SUMMIT 345KV		10/1/2008	12/1/2009		Yes
TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement		6/1/2009	6/1/2009		
Vernon to Athens 69 kV		6/1/2011	6/1/2011		
WICHITA - RENO 345KV		10/1/2008	12/1/2008		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
1353086	WICHITA - RENO 345KV	10/1/2008	12/1/2008		
1353088	WICHITA - RENO 345KV	10/1/2008	12/1/2008		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1353086	GENTLMREDWIL	10/1/2008	10/1/2008			\$ -	\$ -
					Total	\$ -	\$ -
1353088	GENTLMREDWIL	10/1/2008	10/1/2008			\$ -	\$ -
					Total	\$ -	\$ -

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

Customer Study Number
 MIDW AG3-2007-084

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
MIDW	1353090	WR	WR	1	6/1/2008	6/1/2013	6/1/2011	6/1/2016	\$ -	\$ 94,500	\$ 14,858	\$ 36,117
MIDW	1353091	WR	WR	2	6/1/2008	6/1/2013	6/1/2011	6/1/2016	\$ -	\$ 189,000	\$ 29,712	\$ 72,226
MIDW	1353092	WR	WR	2	6/1/2008	6/1/2013	6/1/2011	6/1/2016	\$ -	\$ 189,000	\$ 29,712	\$ 72,226
									\$ -	\$ 472,500	\$ 74,282	\$ 180,569

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1353090	95TH & WAVERLY - EAST S.A.A.P. JCT 115KV CKT 1	6/1/2011	6/1/2011			\$ 4,291	\$ 550,000	\$ 11,115
	Craig 161KV add 70MVAR cap	6/1/2013	6/1/2013			\$ 625	\$ 900,000	\$ 1,463
	DEARING 138KV Capacitor #2	6/1/2010	6/1/2010			\$ 3,384	\$ 1,680,000	\$ 8,579
	DEARING 138KV Capacitor Displacement	10/1/2008	6/1/2010			\$ 1	\$ 85,922	\$ 1
	G06-21T 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2008	6/1/2011			\$ 2,264	\$ 2,011,826	\$ 4,948
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	10/1/2008	6/1/2010		Yes	\$ 4,293	\$ 3,825,000	\$ 10,011
Total						\$ 14,858	\$ 9,052,748	\$ 36,117
1353091	95TH & WAVERLY - EAST S.A.A.P. JCT 115KV CKT 1	6/1/2011	6/1/2011			\$ 8,580	\$ 550,000	\$ 22,224
	Craig 161KV add 70MVAR cap	6/1/2013	6/1/2013			\$ 1,250	\$ 900,000	\$ 2,925
	DEARING 138KV Capacitor #2	6/1/2010	6/1/2010			\$ 6,767	\$ 1,680,000	\$ 17,155
	DEARING 138KV Capacitor Displacement	10/1/2008	6/1/2010			\$ 1	\$ 85,922	\$ 2
	G06-21T 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2008	6/1/2011			\$ 4,527	\$ 2,011,826	\$ 9,895
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	10/1/2008	6/1/2010		Yes	\$ 8,587	\$ 3,825,000	\$ 20,025
Total						\$ 29,712	\$ 9,052,748	\$ 72,226
1353092	95TH & WAVERLY - EAST S.A.A.P. JCT 115KV CKT 1	6/1/2011	6/1/2011			\$ 8,580	\$ 550,000	\$ 22,224
	Craig 161KV add 70MVAR cap	6/1/2013	6/1/2013			\$ 1,250	\$ 900,000	\$ 2,925
	DEARING 138KV Capacitor #2	6/1/2010	6/1/2010			\$ 6,767	\$ 1,680,000	\$ 17,155
	DEARING 138KV Capacitor Displacement	10/1/2008	6/1/2010			\$ 1	\$ 85,922	\$ 2
	G06-21T 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2008	6/1/2011			\$ 4,527	\$ 2,011,826	\$ 9,895
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	10/1/2008	6/1/2010		Yes	\$ 8,587	\$ 3,825,000	\$ 20,025
Total						\$ 29,712	\$ 9,052,748	\$ 72,226

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

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
1353090	BISMARCK JUNCTION SWITCHING STATION - FARMERS CONSUMER CO-OP 115KV CKT 1	6/1/2015	6/1/2015		
	BISMARCK JUNCTION SWITCHING STATION - MIDLAND JUNCTION 115KV CKT 1	6/1/2015	6/1/2015		
	Craig 161kV 50MVar Cap Bank	6/1/2013	6/1/2013	6/1/2009	
	FARMERS CONSUMER CO-OP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011		
	GILL ENERGY CENTER EAST - OATVILLE 69KV CKT 1	10/1/2008	10/1/2008	6/1/2008	
	HARPER 138KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	PLAINVILLE 115KV Capacitor	6/1/2012	6/1/2012		
	PRATT 115KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	RUSSELL 115KV Capacitor	6/1/2011	6/1/2011		
	SOUTHWEST LAWRENCE - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011		
Summit - NE Saline 115 kV	10/1/2008	12/1/2009		Yes	
1353091	BISMARCK JUNCTION SWITCHING STATION - FARMERS CONSUMER CO-OP 115KV CKT 1	6/1/2015	6/1/2015		
	BISMARCK JUNCTION SWITCHING STATION - MIDLAND JUNCTION 115KV CKT 1	6/1/2015	6/1/2015		
	Craig 161kV 50MVar Cap Bank	6/1/2013	6/1/2013	6/1/2009	
	FARMERS CONSUMER CO-OP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011		
	GILL ENERGY CENTER EAST - OATVILLE 69KV CKT 1	10/1/2008	10/1/2008	6/1/2008	
	HARPER 138KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	PLAINVILLE 115KV Capacitor	6/1/2012	6/1/2012		
	PRATT 115KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	RUSSELL 115KV Capacitor	6/1/2011	6/1/2011		
	SOUTHWEST LAWRENCE - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011		
Summit - NE Saline 115 kV	10/1/2008	12/1/2009		Yes	
1353092	BISMARCK JUNCTION SWITCHING STATION - FARMERS CONSUMER CO-OP 115KV CKT 1	6/1/2015	6/1/2015		
	BISMARCK JUNCTION SWITCHING STATION - MIDLAND JUNCTION 115KV CKT 1	6/1/2015	6/1/2015		
	Craig 161kV 50MVar Cap Bank	6/1/2013	6/1/2013	6/1/2009	
	FARMERS CONSUMER CO-OP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011		
	GILL ENERGY CENTER EAST - OATVILLE 69KV CKT 1	10/1/2008	10/1/2008	6/1/2008	
	HARPER 138KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	PLAINVILLE 115KV Capacitor	6/1/2012	6/1/2012		
	PRATT 115KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	RUSSELL 115KV Capacitor	6/1/2011	6/1/2011		
	SOUTHWEST LAWRENCE - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011		
Summit - NE Saline 115 kV	10/1/2008	12/1/2009		Yes	

Reliability Upgrades - The 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
1353090	95TH & WAVERLY - CAPTAIN JUNCTION 115KV CKT 1	6/1/2011	6/1/2011		
	CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1	10/1/2008	6/1/2011		Yes
	CLAY CENTER - GREENLEAF 115KV CKT 1	10/1/2008	6/1/2011		Yes
	Craig 161kV 20MVAR Upgrade	6/1/2013	6/1/2013		
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	Yes
1353091	95TH & WAVERLY - CAPTAIN JUNCTION 115KV CKT 1	6/1/2011	6/1/2011		
	CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1	10/1/2008	6/1/2011		Yes
	CLAY CENTER - GREENLEAF 115KV CKT 1	10/1/2008	6/1/2011		Yes
	Craig 161kV 20MVAR Upgrade	6/1/2013	6/1/2013		
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	Yes
1353092	95TH & WAVERLY - CAPTAIN JUNCTION 115KV CKT 1	6/1/2011	6/1/2011		
	CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1	10/1/2008	6/1/2011		Yes
	CLAY CENTER - GREENLEAF 115KV CKT 1	10/1/2008	6/1/2011		Yes
	Craig 161kV 20MVAR Upgrade	6/1/2013	6/1/2013		
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	Yes

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

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	
1353090	ALLEN - LEHIGH TAP 69KV CKT 1	6/1/2011	6/1/2011			
	Athens to Owl Creek 69 kV	6/1/2011	6/1/2011			
	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	6/1/2011	6/1/2011			
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	6/1/2011	6/1/2011			
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	6/1/2011	6/1/2011			
	CONCORDIA - JEWELL 3 115KV CKT 1	6/1/2013	6/1/2013			
	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1 Displacement	6/1/2009	6/1/2011		No	
	East Manhattan - SW Manhattan 115kV Displacement	6/1/2009	6/1/2011		No	
	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 2 Displacement	6/1/2009	6/1/2011		No	
	East Manhattan to Mcdowell 230 kV Displacement	6/1/2009	6/1/2011		No	
	Green to Vernon 69 kV	6/1/2011	6/1/2011			
	JEWELL 3 - SMITH CENTER 115KV CKT 1	6/1/2013	6/1/2013			
	LEHIGH TAP - OWL CREEK 69KV CKT 1	6/1/2011	6/1/2011			
	NEOSHO - NORTHEAST PARSONS 138KV CKT 1	6/1/2010	6/1/2010	6/1/2009		
	RENO - SUMMIT 345KV	10/1/2008	12/1/2009		Yes	
	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	6/1/2009	6/1/2009			
	Vernon to Athens 69 kV	6/1/2011	6/1/2011			
	WICHITA - RENO 345KV	10/1/2008	12/1/2008		Yes	
	1353091	ALLEN - LEHIGH TAP 69KV CKT 1	6/1/2011	6/1/2011		
		Athens to Owl Creek 69 kV	6/1/2011	6/1/2011		
BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1		6/1/2011	6/1/2011			
BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1		6/1/2011	6/1/2011			
COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1		6/1/2011	6/1/2011			
CONCORDIA - JEWELL 3 115KV CKT 1		6/1/2013	6/1/2013			
EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1 Displacement		6/1/2009	6/1/2011		No	
East Manhattan - SW Manhattan 115kV Displacement		6/1/2009	6/1/2011		No	
EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 2 Displacement		6/1/2009	6/1/2011		No	
East Manhattan to Mcdowell 230 kV Displacement		6/1/2009	6/1/2011		No	
Green to Vernon 69 kV		6/1/2011	6/1/2011			
JEWELL 3 - SMITH CENTER 115KV CKT 1		6/1/2013	6/1/2013			
LEHIGH TAP - OWL CREEK 69KV CKT 1		6/1/2011	6/1/2011			
NEOSHO - NORTHEAST PARSONS 138KV CKT 1		6/1/2010	6/1/2010	6/1/2009		
RENO - SUMMIT 345KV		10/1/2008	12/1/2009		Yes	
TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement		6/1/2009	6/1/2009			
Vernon to Athens 69 kV		6/1/2011	6/1/2011			
WICHITA - RENO 345KV		10/1/2008	12/1/2008		Yes	
1353092		ALLEN - LEHIGH TAP 69KV CKT 1	6/1/2011	6/1/2011		
		Athens to Owl Creek 69 kV	6/1/2011	6/1/2011		
	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	6/1/2011	6/1/2011			
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	6/1/2011	6/1/2011			
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	6/1/2011	6/1/2011			
	CONCORDIA - JEWELL 3 115KV CKT 1	6/1/2013	6/1/2013			
	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1 Displacement	6/1/2009	6/1/2011		No	
	East Manhattan - SW Manhattan 115kV Displacement	6/1/2009	6/1/2011		No	
	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 2 Displacement	6/1/2009	6/1/2011		No	
	East Manhattan to Mcdowell 230 kV Displacement	6/1/2009	6/1/2011		No	
	Green to Vernon 69 kV	6/1/2011	6/1/2011			
	JEWELL 3 - SMITH CENTER 115KV CKT 1	6/1/2013	6/1/2013			
	LEHIGH TAP - OWL CREEK 69KV CKT 1	6/1/2011	6/1/2011			
	NEOSHO - NORTHEAST PARSONS 138KV CKT 1	6/1/2010	6/1/2010	6/1/2009		
	RENO - SUMMIT 345KV	10/1/2008	12/1/2009		Yes	
	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	6/1/2009	6/1/2009			
	Vernon to Athens 69 kV	6/1/2011	6/1/2011			
	WICHITA - RENO 345KV	10/1/2008	12/1/2008		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
1353090	WICHITA - RENO 345KV	10/1/2008	12/1/2008		
1353091	WICHITA - RENO 345KV	10/1/2008	12/1/2008		
1353092	WICHITA - RENO 345KV	10/1/2008	12/1/2008		

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

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1353090	GENTLMREDWIL	10/1/2008	10/1/2008			\$ -	\$ -
					Total	\$ -	\$ -
1353091	GENTLMREDWIL	10/1/2008	10/1/2008			\$ -	\$ -
					Total	\$ -	\$ -
1353092	GENTLMREDWIL	10/1/2008	10/1/2008			\$ -	\$ -
					Total	\$ -	\$ -

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

Customer Study Number
MIDW AG3-2007-086

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
MIDW	1353097	WR	WR	3	6/1/2008	6/1/2013	6/1/2011	6/1/2016	\$ -	\$ 283,500	\$ 205,263	\$ 420,493
MIDW	1353098	WR	WR	2	6/1/2008	6/1/2013	6/1/2011	6/1/2016	\$ -	\$ 189,000	\$ 136,843	\$ 280,332
MIDW	1353099	WR	WR	1	6/1/2008	6/1/2013	6/1/2011	6/1/2016	\$ -	\$ 94,500	\$ 68,423	\$ 140,168
									\$ -	\$ 567,000	\$ 410,529	\$ 840,993

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1353097	95TH & WAVERLY - EAST S.A.A.P. JCT 115KV CKT 1	6/1/2011	6/1/2011			\$ 12,707	\$ 550,000	\$ 32,914
	Craig 161KV add 70MVAR cap	6/1/2013	6/1/2013			\$ 2,186	\$ 900,000	\$ 5,116
	DEARING 138KV Capacitor #2	6/1/2010	6/1/2010			\$ 10,090	\$ 1,680,000	\$ 25,580
	DEARING 138KV Capacitor Displacement	10/1/2008	6/1/2010			\$ 2	\$ 85,922	\$ 5
	G06-21T 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2008	6/1/2011			\$ 16,322	\$ 2,011,826	\$ 35,674
	MEDICINE LODGE - PRATT 115KV CKT 1	12/1/2008	6/1/2011	Yes		\$ 132,998	\$ 6,497,822	\$ 249,011
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	10/1/2008	6/1/2010	Yes		\$ 30,958	\$ 3,825,000	\$ 72,193
	Total					\$ 205,263	\$ 15,550,570	\$ 420,493
1353098	95TH & WAVERLY - EAST S.A.A.P. JCT 115KV CKT 1	6/1/2011	6/1/2011			\$ 8,471	\$ 550,000	\$ 21,942
	Craig 161KV add 70MVAR cap	6/1/2013	6/1/2013			\$ 1,458	\$ 900,000	\$ 3,412
	DEARING 138KV Capacitor #2	6/1/2010	6/1/2010			\$ 6,727	\$ 1,680,000	\$ 17,054
	DEARING 138KV Capacitor Displacement	10/1/2008	6/1/2010			\$ 1	\$ 85,922	\$ 3
	G06-21T 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2008	6/1/2011			\$ 10,882	\$ 2,011,826	\$ 23,784
	MEDICINE LODGE - PRATT 115KV CKT 1	12/1/2008	6/1/2011	Yes		\$ 88,665	\$ 6,497,822	\$ 166,007
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	10/1/2008	6/1/2010	Yes		\$ 20,639	\$ 3,825,000	\$ 48,130
	Total					\$ 136,843	\$ 15,550,570	\$ 280,332
1353099	95TH & WAVERLY - EAST S.A.A.P. JCT 115KV CKT 1	6/1/2011	6/1/2011			\$ 4,236	\$ 550,000	\$ 10,972
	Craig 161KV add 70MVAR cap	6/1/2013	6/1/2013			\$ 729	\$ 900,000	\$ 1,706
	DEARING 138KV Capacitor #2	6/1/2010	6/1/2010			\$ 3,364	\$ 1,680,000	\$ 8,528
	DEARING 138KV Capacitor Displacement	10/1/2008	6/1/2010			\$ 1	\$ 85,922	\$ 2
	G06-21T 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2008	6/1/2011			\$ 5,441	\$ 2,011,826	\$ 11,892
	MEDICINE LODGE - PRATT 115KV CKT 1	12/1/2008	6/1/2011	Yes		\$ 44,333	\$ 6,497,822	\$ 83,004
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	10/1/2008	6/1/2010	Yes		\$ 10,319	\$ 3,825,000	\$ 24,064
	Total					\$ 68,423	\$ 15,550,570	\$ 140,168

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

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	
1353097	BISMARCK JUNCTION SWITCHING STATION - FARMERS CONSUMER CO-OP 115KV CKT 1	6/1/2015	6/1/2015			
	BISMARCK JUNCTION SWITCHING STATION - MIDLAND JUNCTION 115KV CKT 1	6/1/2015	6/1/2015			
	Craig 161kV 50MVar Cap Bank	6/1/2013	6/1/2013	6/1/2009		
	FARMERS CONSUMER CO-OP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011			
	GILL ENERGY CENTER EAST - OATVILLE 69KV CKT 1	10/1/2008	10/1/2008	6/1/2008		
	HARPER 138KV Capacitor	10/1/2008	6/1/2009	10/1/2008		
	PLAINVILLE 115KV Capacitor	6/1/2012	6/1/2012			
	PRATT 115KV Capacitor	10/1/2008	6/1/2009	10/1/2008		
	RUSSELL 115KV Capacitor	6/1/2011	6/1/2011			
	SOUTHWEST LAWRENCE - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011			
	Summit - NE Saline 115 kV	10/1/2008	12/1/2009		Yes	
	1353098	BISMARCK JUNCTION SWITCHING STATION - FARMERS CONSUMER CO-OP 115KV CKT 1	6/1/2015	6/1/2015		
		BISMARCK JUNCTION SWITCHING STATION - MIDLAND JUNCTION 115KV CKT 1	6/1/2015	6/1/2015		
Craig 161kV 50MVar Cap Bank		6/1/2013	6/1/2013	6/1/2009		
FARMERS CONSUMER CO-OP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1		6/1/2011	6/1/2011			
GILL ENERGY CENTER EAST - OATVILLE 69KV CKT 1		10/1/2008	10/1/2008	6/1/2008		
HARPER 138KV Capacitor		10/1/2008	6/1/2009	10/1/2008		
PLAINVILLE 115KV Capacitor		6/1/2012	6/1/2012			
PRATT 115KV Capacitor		10/1/2008	6/1/2009	10/1/2008		
RUSSELL 115KV Capacitor		6/1/2011	6/1/2011			
SOUTHWEST LAWRENCE - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1		6/1/2011	6/1/2011			
Summit - NE Saline 115 kV		10/1/2008	12/1/2009		Yes	
1353099		BISMARCK JUNCTION SWITCHING STATION - FARMERS CONSUMER CO-OP 115KV CKT 1	6/1/2015	6/1/2015		
		BISMARCK JUNCTION SWITCHING STATION - MIDLAND JUNCTION 115KV CKT 1	6/1/2015	6/1/2015		
	Craig 161kV 50MVar Cap Bank	6/1/2013	6/1/2013	6/1/2009		
	FARMERS CONSUMER CO-OP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011			
	GILL ENERGY CENTER EAST - OATVILLE 69KV CKT 1	10/1/2008	10/1/2008	6/1/2008		
	HARPER 138KV Capacitor	10/1/2008	6/1/2009	10/1/2008		
	PLAINVILLE 115KV Capacitor	6/1/2012	6/1/2012			
	PRATT 115KV Capacitor	10/1/2008	6/1/2009	10/1/2008		
	RUSSELL 115KV Capacitor	6/1/2011	6/1/2011			
	SOUTHWEST LAWRENCE - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011			
	Summit - NE Saline 115 kV	10/1/2008	12/1/2009		Yes	

Reliability Upgrades - The 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
1353097	95TH & WAVERLY - CAPTAIN JUNCTION 115KV CKT 1	6/1/2011	6/1/2011		
	CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1	10/1/2008	6/1/2011		Yes
	CLAY CENTER - GREENLEAF 115KV CKT 1	10/1/2008	6/1/2011		Yes
	COWSKIN - WESTLINK 69KV	6/1/2010	6/1/2010		
	Craig 161kV 20MVAR Upgrade	6/1/2013	6/1/2013		
	HOOVER SOUTH - TYLER 69KV	6/1/2010	6/1/2010		
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	
	TYLER - WESTLINK 69KV	6/1/2010	6/1/2010		
	1353098	95TH & WAVERLY - CAPTAIN JUNCTION 115KV CKT 1	6/1/2011	6/1/2011	
CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1		10/1/2008	6/1/2011		Yes
CLAY CENTER - GREENLEAF 115KV CKT 1		10/1/2008	6/1/2011		Yes
COWSKIN - WESTLINK 69KV		6/1/2010	6/1/2010		
Craig 161kV 20MVAR Upgrade		6/1/2013	6/1/2013		
HOOVER SOUTH - TYLER 69KV		6/1/2010	6/1/2010		
STRANGER CREEK - NW LEAVENWORTH 115KV		6/1/2009	6/1/2010	10/1/2009	
TYLER - WESTLINK 69KV		6/1/2010	6/1/2010		
1353099		95TH & WAVERLY - CAPTAIN JUNCTION 115KV CKT 1	6/1/2011	6/1/2011	
	CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1	10/1/2008	6/1/2011		Yes
	CLAY CENTER - GREENLEAF 115KV CKT 1	10/1/2008	6/1/2011		Yes
	COWSKIN - WESTLINK 69KV	6/1/2010	6/1/2010		
	Craig 161kV 20MVAR Upgrade	6/1/2013	6/1/2013		
	HOOVER SOUTH - TYLER 69KV	6/1/2010	6/1/2010		
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	
	TYLER - WESTLINK 69KV	6/1/2010	6/1/2010		

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
1353097	ALLEN - LEHIGH TAP 69KV CKT 1	6/1/2011	6/1/2011		
	Athens to Owl Creek 69 kV	6/1/2011	6/1/2011		
	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	6/1/2011	6/1/2011		
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	6/1/2011	6/1/2011		
	CONCORDIA - JEWELL 3 115KV CKT 1	6/1/2013	6/1/2013		
	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1 Displacement	6/1/2009	6/1/2011		No
	East Manhattan - SW Manhattan 115kV Displacement	6/1/2009	6/1/2011		No
	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 2 Displacement	6/1/2009	6/1/2011		No
	East Manhattan to Mcdowell 230 kV Displacement	6/1/2009	6/1/2011		No
	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1 #1 Displacement	6/1/2010	6/1/2010		
	Green to Vernon 69 kV	6/1/2011	6/1/2011		
	JEWELL 3 - SMITH CENTER 115KV CKT 1	6/1/2013	6/1/2013		
	LEHIGH TAP - OWL CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	NEOSHO - NORTHEAST PARSONS 138KV CKT 1	6/1/2010	6/1/2010	6/1/2009	
	RENO - SUMMIT 345KV	10/1/2008	12/1/2009		Yes
	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	6/1/2009	6/1/2009		
Vernon to Athens 69 kV	6/1/2011	6/1/2011			
WICHITA - RENO 345KV	10/1/2008	12/1/2008		Yes	
1353098	ALLEN - LEHIGH TAP 69KV CKT 1	6/1/2011	6/1/2011		
	Athens to Owl Creek 69 kV	6/1/2011	6/1/2011		
	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	6/1/2011	6/1/2011		
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	6/1/2011	6/1/2011		
	CONCORDIA - JEWELL 3 115KV CKT 1	6/1/2013	6/1/2013		
	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1 Displacement	6/1/2009	6/1/2011		No
	East Manhattan - SW Manhattan 115kV Displacement	6/1/2009	6/1/2011		No
	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 2 Displacement	6/1/2009	6/1/2011		No
	East Manhattan to Mcdowell 230 kV Displacement	6/1/2009	6/1/2011		No
	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1 #1 Displacement	6/1/2010	6/1/2010		
	Green to Vernon 69 kV	6/1/2011	6/1/2011		
	JEWELL 3 - SMITH CENTER 115KV CKT 1	6/1/2013	6/1/2013		
	LEHIGH TAP - OWL CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	NEOSHO - NORTHEAST PARSONS 138KV CKT 1	6/1/2010	6/1/2010	6/1/2009	
	RENO - SUMMIT 345KV	10/1/2008	12/1/2009		Yes
	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	6/1/2009	6/1/2009		
Vernon to Athens 69 kV	6/1/2011	6/1/2011			
WICHITA - RENO 345KV	10/1/2008	12/1/2008		Yes	
1353099	ALLEN - LEHIGH TAP 69KV CKT 1	6/1/2011	6/1/2011		
	Athens to Owl Creek 69 kV	6/1/2011	6/1/2011		
	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	6/1/2011	6/1/2011		
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	6/1/2011	6/1/2011		
	CONCORDIA - JEWELL 3 115KV CKT 1	6/1/2013	6/1/2013		
	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1 Displacement	6/1/2009	6/1/2011		No
	East Manhattan - SW Manhattan 115kV Displacement	6/1/2009	6/1/2011		No
	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 2 Displacement	6/1/2009	6/1/2011		No
	East Manhattan to Mcdowell 230 kV Displacement	6/1/2009	6/1/2011		No
	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1 #1 Displacement	6/1/2010	6/1/2010		
	Green to Vernon 69 kV	6/1/2011	6/1/2011		
	JEWELL 3 - SMITH CENTER 115KV CKT 1	6/1/2013	6/1/2013		
	LEHIGH TAP - OWL CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	NEOSHO - NORTHEAST PARSONS 138KV CKT 1	6/1/2010	6/1/2010	6/1/2009	
	RENO - SUMMIT 345KV	10/1/2008	12/1/2009		Yes
	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	6/1/2009	6/1/2009		
Vernon to Athens 69 kV	6/1/2011	6/1/2011			
WICHITA - RENO 345KV	10/1/2008	12/1/2008		Yes	

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

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1353097	WICHITA - RENO 345KV	10/1/2008	12/1/2008		
1353098	WICHITA - RENO 345KV	10/1/2008	12/1/2008		
1353099	WICHITA - RENO 345KV	10/1/2008	12/1/2008		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1353097	GENTLMREDWIL	10/1/2008	10/1/2008			\$ -	\$ -
					Total	\$ -	\$ -
1353098	GENTLMREDWIL	10/1/2008	10/1/2008			\$ -	\$ -
					Total	\$ -	\$ -
1353099	GENTLMREDWIL	10/1/2008	10/1/2008			\$ -	\$ -
					Total	\$ -	\$ -

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

Customer Study Number
MIDW AG3-2007-087

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
MIDW	1353102	WR	WR	2	6/1/2008	6/1/2013	6/1/2011	6/1/2016	\$ -	\$ 189,000	\$ 136,843	\$ 280,332
MIDW	1353103	WR	WR	1	6/1/2008	6/1/2013	6/1/2011	6/1/2016	\$ -	\$ 94,500	\$ 68,423	\$ 140,168
									\$ -	\$ 283,500	\$ 205,266	\$ 420,500

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1353102	95TH & WAVERLY - EAST S.A.A.P. JCT 115KV CKT 1	6/1/2011	6/1/2011			\$ 8,471	\$ 550,000	\$ 21,942
	Craig 161kV add 70MVAR cap	6/1/2013	6/1/2013			\$ 1,458	\$ 900,000	\$ 3,412
	DEARING 138KV Capacitor #2	6/1/2010	6/1/2010			\$ 6,727	\$ 1,680,000	\$ 17,054
	DEARING 138KV Capacitor Displacement	10/1/2008	6/1/2010			\$ 1	\$ 85,922	\$ 3
	G06-21T 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2008	6/1/2011			\$ 10,882	\$ 2,011,826	\$ 23,784
	MEDICINE LODGE - PRATT 115KV CKT 1	12/1/2008	6/1/2011		Yes	\$ 88,665	\$ 6,497,822	\$ 166,007
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	10/1/2008	6/1/2010		Yes	\$ 20,639	\$ 3,825,000	\$ 48,130
					Total	\$ 136,843	\$ 15,550,570	\$ 280,332
1353103	95TH & WAVERLY - EAST S.A.A.P. JCT 115KV CKT 1	6/1/2011	6/1/2011			\$ 4,236	\$ 550,000	\$ 10,972
	Craig 161kV add 70MVAR cap	6/1/2013	6/1/2013			\$ 729	\$ 900,000	\$ 1,706
	DEARING 138KV Capacitor #2	6/1/2010	6/1/2010			\$ 3,364	\$ 1,680,000	\$ 8,528
	DEARING 138KV Capacitor Displacement	10/1/2008	6/1/2010			\$ 1	\$ 85,922	\$ 2
	G06-21T 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2008	6/1/2011			\$ 5,441	\$ 2,011,826	\$ 11,892
	MEDICINE LODGE - PRATT 115KV CKT 1	12/1/2008	6/1/2011		Yes	\$ 44,333	\$ 6,497,822	\$ 83,004
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	10/1/2008	6/1/2010		Yes	\$ 10,319	\$ 3,825,000	\$ 24,064
					Total	\$ 68,423	\$ 15,550,570	\$ 140,168

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
1353102	BISMARCK JUNCTION SWITCHING STATION - FARMERS CONSUMER CO-OP 115KV CKT 1	6/1/2015	6/1/2015		
	BISMARCK JUNCTION SWITCHING STATION - MIDLAND JUNCTION 115KV CKT 1	6/1/2015	6/1/2015		
	Craig 161kV 50MVar Cap Bank	6/1/2013	6/1/2013	6/1/2009	
	FARMERS CONSUMER CO-OP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011		
	GILL ENERGY CENTER EAST - OATVILLE 69KV CKT 1	10/1/2008	10/1/2008	6/1/2008	
	HARPER 138KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	PLAINVILLE 115KV Capacitor	6/1/2012	6/1/2012		
	PRATT 115KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	RUSSELL 115KV Capacitor	6/1/2011	6/1/2011		
	SOUTHWEST LAWRENCE - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011		
	Summit - NE Saline 115 kV	10/1/2008	12/1/2009		Yes
1353103	BISMARCK JUNCTION SWITCHING STATION - FARMERS CONSUMER CO-OP 115KV CKT 1	6/1/2015	6/1/2015		
	BISMARCK JUNCTION SWITCHING STATION - MIDLAND JUNCTION 115KV CKT 1	6/1/2015	6/1/2015		
	Craig 161kV 50MVar Cap Bank	6/1/2013	6/1/2013	6/1/2009	
	FARMERS CONSUMER CO-OP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011		
	GILL ENERGY CENTER EAST - OATVILLE 69KV CKT 1	10/1/2008	10/1/2008	6/1/2008	
	HARPER 138KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	PLAINVILLE 115KV Capacitor	6/1/2012	6/1/2012		
	PRATT 115KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	RUSSELL 115KV Capacitor	6/1/2011	6/1/2011		
	SOUTHWEST LAWRENCE - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	6/1/2011	6/1/2011		
	Summit - NE Saline 115 kV	10/1/2008	12/1/2009		Yes

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

Reliability Upgrades - The 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
1353102	95TH & WAVERLY - CAPTAIN JUNCTION 115KV CKT 1	6/1/2011	6/1/2011		
	CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1	10/1/2008	6/1/2011		Yes
	CLAY CENTER - GREENLEAF 115KV CKT 1	10/1/2008	6/1/2011		Yes
	COWSKIN - WESTLINK 69KV	6/1/2010	6/1/2010		
	Craig 161kV 20MVAR Upgrade	6/1/2013	6/1/2013		
	HOOVER SOUTH - TYLER 69KV	6/1/2010	6/1/2010		
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	
1353103	TYLER - WESTLINK 69KV	6/1/2010	6/1/2010		
	95TH & WAVERLY - CAPTAIN JUNCTION 115KV CKT 1	6/1/2011	6/1/2011		
	CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1	10/1/2008	6/1/2011		Yes
	CLAY CENTER - GREENLEAF 115KV CKT 1	10/1/2008	6/1/2011		Yes
	COWSKIN - WESTLINK 69KV	6/1/2010	6/1/2010		
	Craig 161kV 20MVAR Upgrade	6/1/2013	6/1/2013		
	HOOVER SOUTH - TYLER 69KV	6/1/2010	6/1/2010		
STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009		
TYLER - WESTLINK 69KV	6/1/2010	6/1/2010			

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
1353102	ALLEN - LEHIGH TAP 69KV CKT 1	6/1/2011	6/1/2011		
	Athens to Owl Creek 69 kV	6/1/2011	6/1/2011		
	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	6/1/2011	6/1/2011		
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	6/1/2011	6/1/2011		
	CONCORDIA - JEWELL 3 115KV CKT 1	6/1/2013	6/1/2013		
	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1 Displacement	6/1/2009	6/1/2011		No
	East Manhattan - SW Manhattan 115kV Displacement	6/1/2009	6/1/2011		No
	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 2 Displacement	6/1/2009	6/1/2011		No
	East Manhattan to Mcdowell 230 kV Displacement	6/1/2009	6/1/2011		No
	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1 #1 Displacement	6/1/2010	6/1/2010		
	Green to Vernon 69 kV	6/1/2011	6/1/2011		
	JEWELL 3 - SMITH CENTER 115KV CKT 1	6/1/2013	6/1/2013		
	LEHIGH TAP - OWL CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	NEOSHO - NORTHEAST PARSONS 138KV CKT 1	6/1/2010	6/1/2010	6/1/2009	
	RENO - SUMMIT 345KV	10/1/2008	12/1/2009		Yes
	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	6/1/2009	6/1/2009		
	Vernon to Athens 69 kV	6/1/2011	6/1/2011		
	WICHITA - RENO 345KV	10/1/2008	12/1/2008		Yes
	1353103	ALLEN - LEHIGH TAP 69KV CKT 1	6/1/2011	6/1/2011	
Athens to Owl Creek 69 kV		6/1/2011	6/1/2011		
BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1		6/1/2011	6/1/2011		
BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1		6/1/2011	6/1/2011		
COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1		6/1/2011	6/1/2011		
CONCORDIA - JEWELL 3 115KV CKT 1		6/1/2013	6/1/2013		
EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1 Displacement		6/1/2009	6/1/2011		No
East Manhattan - SW Manhattan 115kV Displacement		6/1/2009	6/1/2011		No
EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 2 Displacement		6/1/2009	6/1/2011		No
East Manhattan to Mcdowell 230 kV Displacement		6/1/2009	6/1/2011		No
EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1 #1 Displacement		6/1/2010	6/1/2010		
Green to Vernon 69 kV		6/1/2011	6/1/2011		
JEWELL 3 - SMITH CENTER 115KV CKT 1		6/1/2013	6/1/2013		
LEHIGH TAP - OWL CREEK 69KV CKT 1		6/1/2011	6/1/2011		
NEOSHO - NORTHEAST PARSONS 138KV CKT 1		6/1/2010	6/1/2010	6/1/2009	
RENO - SUMMIT 345KV		10/1/2008	12/1/2009		Yes
TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement		6/1/2009	6/1/2009		
Vernon to Athens 69 kV		6/1/2011	6/1/2011		
WICHITA - RENO 345KV		10/1/2008	12/1/2008		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
1353102	WICHITA - RENO 345KV	10/1/2008	12/1/2008		
1353103	WICHITA - RENO 345KV	10/1/2008	12/1/2008		

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

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1353102	GENTLMREDWIL	10/1/2008	10/1/2008			\$ -	\$ -
					Total	\$ -	\$ -
1353103	GENTLMREDWIL	10/1/2008	10/1/2008			\$ -	\$ -
					Total	\$ -	\$ -

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

Customer Study Number
 MIDW AG3-2007-090

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
MIDW	1353110	WR	WR	25	3/1/2008	3/1/2027	6/1/2011	6/1/2030	\$ 137,608	-	\$ 137,608	\$ 410,193
									\$ 137,608	\$ -	\$ 137,608	\$ 410,193

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1353110	BARTLESVILLE SOUTHEAST - NORTH BARTLESVILLE 138KV CKT 1 #2	6/1/2011	6/1/2011			\$ 3,762	\$ 500,000	\$ 10,573
	COFFEYVILLE FARMLAND - DELAWARE 138KV CKT 1	6/1/2014	6/1/2014			\$ 300	\$ 100,000	\$ 721
	COFFEYVILLE FARMLAND 138KV CAP BANK	6/1/2010	6/1/2010			\$ 1,280	\$ 250,000	\$ 3,807
	COFFEYVILLE TAP - NORTH BARTLESVILLE 138KV CKT 1 #2	6/1/2011	6/1/2011			\$ 2,257	\$ 300,000	\$ 6,458
	Craig 161kV add 70MVAR cap	6/1/2013	6/1/2013			\$ 20,576	\$ 900,000	\$ 63,461
	G06-21T 138.00 - HARPER 138KV CKT 1	12/1/2008	6/1/2011		Yes	\$ 20,541	\$ 6,035,477	\$ 56,644
	G06-21T 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2008	6/1/2011			\$ 30,291	\$ 2,011,826	\$ 87,695
	HARPER - MILAN TAP 138KV CKT 1	12/1/2009	6/1/2010			\$ 1,149	\$ 337,500	\$ 3,393
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	10/1/2008	6/1/2010		Yes	\$ 57,452	\$ 3,825,000	\$ 177,441
	Total					\$ 137,608	\$ 14,259,803	\$ 410,193

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
1353110	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 2	6/1/2016	6/1/2016		
	Craig 161kV 50MVar Cap Bank	6/1/2013	6/1/2013	6/1/2009	
	Fort Scott - SW Bourbon 161 kV	6/1/2017	6/1/2017		
	HARPER 138KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	PRATT 115KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	RUSSELL 115KV Capacitor	6/1/2011	6/1/2011		
	ST JOHN CAPACITOR	6/1/2016	6/1/2016		
	SUB 438 - RIVERSIDE 161KV	6/1/2013	6/1/2013		
	Summit - NE Saline 115 kV	10/1/2008	12/1/2009		Yes
	WEST MCPHERSON - WHEATLAND 115KV CKT 1	6/1/2009	6/1/2010		Yes

Reliability Upgrades - The 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
1353110	BPU - CITY OF MCPHERSON JOHNS-MANVILLE - EAST MCPHERSON SWITCHING STATION 115KV	6/1/2009	6/1/2011		Yes
	CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1	10/1/2008	6/1/2011		Yes
	CLAY CENTER - GREENLEAF 115KV CKT 1	10/1/2008	6/1/2011		Yes
	COWSKIN - WESTLINK 69KV	6/1/2010	6/1/2010		
	Craig 161kV 20MVAR Upgrade	6/1/2013	6/1/2013		
	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1 #2	6/1/2016	6/1/2016		
	HOOVER NORTH - LAKERIDGE 138KV CKT 1	6/1/2016	6/1/2016		
	HOOVER SOUTH - TYLER 69KV	6/1/2010	6/1/2010		
	LYONS - WHEATLAND 115KV CKT 1 MIDW	6/1/2017	6/1/2017		
	LYONS - WHEATLAND 115KV CKT 1 WERE	6/1/2017	6/1/2017		
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	
	SUB 124 - AURORA H.T. 69KV	6/1/2013	6/1/2013		
	TYLER - WESTLINK 69KV	6/1/2010	6/1/2010		

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
1353110	ALLEN - LEHIGH TAP 69KV CKT 1	6/1/2011	6/1/2011		
	ASH GROVE JCT2 - TIOGA 69KV CKT 1	6/1/2017	6/1/2017	6/1/2011	
	Athens to Owl Creek 69 kV	6/1/2011	6/1/2011		
	BARTLESVILLE SOUTHEAST - NORTH BARTLESVILLE 138KV CKT 1	10/1/2008	6/1/2011		
	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	6/1/2011	6/1/2011		
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	CHANUTE TAP - TIOGA 69KV CKT 1	6/1/2017	6/1/2017	6/1/2011	
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	6/1/2011	6/1/2011		
	COFFEYVILLE TAP - DEARING 138KV CKT 1 AEPW	12/1/2008	6/1/2010		
	COFFEYVILLE TAP - DEARING 138KV CKT 1 WERE	12/1/2008	6/1/2010		
	COFFEYVILLE TAP - DEARING 138KV CKT 1 WERE #2	12/1/2008	6/1/2010		
	COFFEYVILLE TAP - NORTH BARTLESVILLE 138KV CKT 1	10/1/2008	6/1/2011		
	CONCORDIA - JEWELL 3 115KV CKT 1	6/1/2013	6/1/2013		
	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1 #1 Displacement	6/1/2010	6/1/2010		
	Green to Vernon 69 kV	6/1/2011	6/1/2011		
	JEWELL 3 - SMITH CENTER 115KV CKT 1	6/1/2013	6/1/2013		
	LEHIGH TAP - OWL CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	LITCHFIELD - AQUARIUS - HUDSON JUNCTION 69KV CKT 1 Displacement	6/1/2014	6/1/2014		
	NEOSHO - NORTHEAST PARSONS 138KV CKT 1	6/1/2010	6/1/2010	6/1/2009	
	ROSE HILL (ROSEHL1X) 345/138/13.8KV TRANSFORMER CKT 3 Displacement	10/1/2008	6/1/2011		Yes
	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	6/1/2009	6/1/2009		
	Vernon to Athens 69 kV	6/1/2011	6/1/2011		
	WICHITA - RENO 345KV	10/1/2008	12/1/2008		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1353110	GENTLMREDWIL	10/1/2008	10/1/2008			\$ -	\$ -
					Total	\$ -	\$ -

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

Customer Study Number
 MIDW AG3-2007-091

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
MIDW	1353111	WR	WR	25	1/1/2009	1/1/2029	6/1/2011	6/1/2031	\$ 137,608	-	\$ 137,608	\$ 433,229
									\$ 137,608	\$ -	\$ 137,608	\$ 433,229

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1353111	BARTLESVILLE SOUTHEAST - NORTH BARTLESVILLE 138KV CKT 1 #2	6/1/2011	6/1/2011			\$ 3,762	\$ 500,000	\$ 11,132
	COFFEYVILLE FARMLAND - DELAWARE 138KV CKT 1	6/1/2014	6/1/2014			\$ 300	\$ 100,000	\$ 759
	COFFEYVILLE FARMLAND 138KV CAP BANK	6/1/2010	6/1/2010			\$ 1,280	\$ 250,000	\$ 4,008
	COFFEYVILLE TAP - NORTH BARTLESVILLE 138KV CKT 1 #2	6/1/2011	6/1/2011			\$ 2,257	\$ 300,000	\$ 6,799
	Craig 161kV add 70MVAR cap	6/1/2013	6/1/2013			\$ 20,576	\$ 900,000	\$ 67,038
	G06-21T 138.00 - HARPER 138KV CKT 1	12/1/2008	6/1/2011		Yes	\$ 20,541	\$ 6,035,477	\$ 59,835
	G06-21T 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2008	6/1/2011			\$ 30,291	\$ 2,011,826	\$ 92,636
	HARPER - MILAN TAP 138KV CKT 1	12/1/2009	6/1/2010			\$ 1,149	\$ 337,500	\$ 3,585
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	10/1/2008	6/1/2010		Yes	\$ 57,452	\$ 3,825,000	\$ 187,437
	Total					\$ 137,608	\$ 14,259,803	\$ 433,229

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1353111	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 2	6/1/2016	6/1/2016		
	Craig 161kV 50MVar Cap Bank	6/1/2013	6/1/2013	6/1/2009	
	Fort Scott - SW Bourbon 161 kV	6/1/2017	6/1/2017		
	HARPER 138KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	PRATT 115KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	RUSSELL 115KV Capacitor	6/1/2011	6/1/2011		
	ST JOHN CAPACITOR	6/1/2016	6/1/2016		
	SUB 438 - RIVERSIDE 161KV	6/1/2013	6/1/2013		
	Summit - NE Saline 115 kV	10/1/2008	12/1/2009		Yes
	WEST MCPHERSON - WHEATLAND 115KV CKT 1	6/1/2009	6/1/2010		Yes

Reliability Upgrades - The 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
1353111	BPU - CITY OF MCPHERSON JOHNS-MANVILLE - EAST MCPHERSON SWITCHING STATION 115KV	6/1/2009	6/1/2011		Yes
	CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1	10/1/2008	6/1/2011		Yes
	CLAY CENTER - GREENLEAF 115KV CKT 1	10/1/2008	6/1/2011		Yes
	COWSKIN - WESTLINK 69KV	6/1/2010	6/1/2010		
	Craig 161kV 20MVAR Upgrade	6/1/2013	6/1/2013		
	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1 #2	6/1/2016	6/1/2016		
	HOOVER NORTH - LAKERIDGE 138KV CKT 1	6/1/2016	6/1/2016		
	HOOVER SOUTH - TYLER 69KV	6/1/2010	6/1/2010		
	LYONS - WHEATLAND 115KV CKT 1 MIDW	6/1/2017	6/1/2017		
	LYONS - WHEATLAND 115KV CKT 1 WERE	6/1/2017	6/1/2017		
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	
	SUB 124 - AURORA H.T. 69KV	6/1/2013	6/1/2013		
	TYLER - WESTLINK 69KV	6/1/2010	6/1/2010		

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
1353111	ALLEN - LEHIGH TAP 69KV CKT 1	6/1/2011	6/1/2011		
	ASH GROVE JCT2 - TIOGA 69KV CKT 1	6/1/2017	6/1/2017	6/1/2011	
	Athens to Owl Creek 69 kV	6/1/2011	6/1/2011		
	BARTLESVILLE SOUTHEAST - NORTH BARTLESVILLE 138KV CKT 1	10/1/2008	6/1/2011		
	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	6/1/2011	6/1/2011		
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	CHANUTE TAP - TIOGA 69KV CKT 1	6/1/2017	6/1/2017	6/1/2011	
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	6/1/2011	6/1/2011		
	COFFEYVILLE TAP - DEARING 138KV CKT 1 AEPW	12/1/2008	6/1/2010		
	COFFEYVILLE TAP - DEARING 138KV CKT 1 WERE	12/1/2008	6/1/2010		
	COFFEYVILLE TAP - DEARING 138KV CKT 1 WERE #2	12/1/2008	6/1/2010		
	COFFEYVILLE TAP - NORTH BARTLESVILLE 138KV CKT 1	10/1/2008	6/1/2011		
	CONCORDIA - JEWELL 3 115KV CKT 1	6/1/2013	6/1/2013		
	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1 #1 Displacement	6/1/2010	6/1/2010		
	Green to Vernon 69 kV	6/1/2011	6/1/2011		
	JEWELL 3 - SMITH CENTER 115KV CKT 1	6/1/2013	6/1/2013		
	LEHIGH TAP - OWL CREEK 69KV CKT 1	6/1/2011	6/1/2011		
	LITCHFIELD - AQUARIUS - HUDSON JUNCTION 69KV CKT 1 Displacement	6/1/2014	6/1/2014		
	NEOSHO - NORTHEAST PARSONS 138KV CKT 1	6/1/2010	6/1/2010	6/1/2009	
	ROSE HILL (ROSEHL1X) 345/138/13.8KV TRANSFORMER CKT 3 Displacement	10/1/2008	6/1/2011		Yes
	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	6/1/2009	6/1/2009		
	Vernon to Athens 69 kV	6/1/2011	6/1/2011		
	WICHITA - RENO 345KV	10/1/2008	12/1/2008		

Third Party Limitations.

Reservation	Upgrade Name	DUN	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1353111	GENTLMREDWIL	10/1/2008	10/1/2008			\$ -	\$ -
					Total	\$ -	\$ -

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

Customer Study Number
 OMPA AG3-2007-035

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
OMPA	1350945	OKGE	OKGE	23	5/1/2008	5/1/2017	6/1/2011	6/1/2020	\$ 15,723	\$ -	\$ 15,723	\$ 31,824
									\$ 15,723	\$ -	\$ 15,723	\$ 31,824

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1350945	BARTLESVILLE SOUTHEAST - NORTH BARTLESVILLE 138KV CKT 1 #2	6/1/2011	6/1/2011			\$ 9,827	\$ 500,000	\$ 19,756
	COFFEYVILLE TAP - NORTH BARTLESVILLE 138KV CKT 1 #2	6/1/2011	6/1/2011			\$ 5,896	\$ 300,000	\$ 12,068
						\$ 15,723	\$ 800,000	\$ 31,824

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
1350945	ROSE HILL JUNCTION - WEAVER 69KV CKT 1	10/1/2008	12/1/2008		

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
1350945	BARTLESVILLE SOUTHEAST - NORTH BARTLESVILLE 138KV CKT 1	10/1/2008	6/1/2011		Yes
	COFFEYVILLE TAP - DEARING 138KV CKT 1 AEPW	12/1/2008	6/1/2010		
	COFFEYVILLE TAP - DEARING 138KV CKT 1 WERE	12/1/2008	6/1/2010		
	COFFEYVILLE TAP - DEARING 138KV CKT 1 WERE #2	12/1/2008	6/1/2010		
	COFFEYVILLE TAP - NORTH BARTLESVILLE 138KV CKT 1	10/1/2008	6/1/2011		Yes
	RICHLAND - ROSE HILL JUNCTION 69KV CKT 1 Displacement	10/1/2008	6/1/2011		
	ROSE HILL (ROSEHL1X) 345/138/13.8KV TRANSFORMER CKT 3 Displacement	10/1/2008	6/1/2011		

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

Customer Study Number
 PWX AG3-2007-014

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
PWX	1331353	BLKW	KCPL	52	1/1/2010	1/1/2011	6/1/2013	6/1/2014	\$ -	\$ 549,120	\$ 442,382	\$ 1,032,093
									\$ -	\$ 549,120	\$ 442,382	\$ 1,032,093

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1331353	BARTLESVILLE SOUTHEAST - NORTH BARTLESVILLE 138KV CKT 1 #2	6/1/2011	6/1/2011			\$ 10,441	\$ 500,000	\$ 22,697
	COFFEYVILLE TAP - NORTH BARTLESVILLE 138KV CKT 1 #2	6/1/2011	6/1/2011			\$ 6,265	\$ 300,000	\$ 13,865
	Craig 161kV add 70MVAR cap	6/1/2013	6/1/2013			\$ 152,160	\$ 900,000	\$ 359,213
	CURRY COUNTY INTERCHANGE - ROOSEVELT COUNTY INTERCHANGE 115KV CKT 2 Displacement	6/1/2013	6/1/2013			\$ 15,794	\$ 15,794	\$ 20,102
	MERRIAM - ROELAND PARK 161KV CKT 1 Displacement	6/1/2011	6/1/2011			\$ 116,124	\$ 669,819	\$ 311,951
	PLANT X STATION - TOLK STATION EAST 230KV CKT 2	12/1/2009	6/1/2010	4/1/2010		\$ 47,631	\$ 56,000	\$ 105,715
	PLANT X STATION - TOLK STATION WEST 230KV CKT 1	12/1/2009	6/1/2010	4/1/2010		\$ 47,734	\$ 56,000	\$ 105,944
	PLATTE CITY - SMITHVILLE 161KV CKT 1 #1	6/1/2012	6/1/2012			\$ 46,233	\$ 180,000	\$ 92,606
	Total					\$ 442,382	\$ 2,677,613	\$ 1,032,093

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
1331353	BELTON SOUTH - TURNER ROAD SUBSTATION 161KV CKT 1	10/1/2008	6/1/2009		
	Craig 161kV 50MVar Cap Bank	6/1/2013	6/1/2013	6/1/2009	
	TERRY COUNTY INTERCHANGE - WOLFFORTH INTERCHANGE 115KV CKT 1	1/1/2010	6/1/2010		

Reliability Upgrades - The 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
1331353	ALABAMA - LAKE ROAD 161KV CKT 1	6/1/2011	6/1/2011		
	Craig 161kV 20MVAR Upgrade	6/1/2013	6/1/2013		
	MARTIN CITY - TURNER ROAD SUBSTATION 161KV CKT 1	10/1/2008	6/1/2013		
	REDEL - STILWELL 161KV CKT 1	10/1/2008	6/1/2011	2/1/2011	
	SOUTH PLAINS REC-YUMA - WOLFFORTH INTERCHANGE 115KV CKT 1	1/1/2010	6/1/2012		
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	

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
1331353	BARTLESVILLE SOUTHEAST - NORTH BARTLESVILLE 138KV CKT 1	10/1/2008	6/1/2011		
	COFFEYVILLE TAP - DEARING 138KV CKT 1 AEPW	12/1/2008	6/1/2010		
	COFFEYVILLE TAP - DEARING 138KV CKT 1 WERE	12/1/2008	6/1/2010		
	COFFEYVILLE TAP - DEARING 138KV CKT 1 WERE #2	12/1/2008	6/1/2010		
	COFFEYVILLE TAP - NORTH BARTLESVILLE 138KV CKT 1	10/1/2008	6/1/2011		
	COOK - ST JOE 161KV CKT 1	6/1/2012	6/1/2012	6/1/2010	
	IATAN - STRANGER CREEK 345KV CKT 2	6/1/2012	6/1/2012		
	MARTIN CITY - REDEL 161KV CKT 1	6/1/2009	6/1/2011	2/1/2011	
	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	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
SPSM AG3-2007-080

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	1353054	WPEK	KCPL	50	10/1/2008	6/1/2010	6/1/2013	2/1/2015	\$ -	\$ 880,000	\$ -	\$ -
SPSM	1353055	WPEK	KCPL	50	10/1/2008	6/1/2010	6/1/2013	2/1/2015	\$ -	\$ 880,000	\$ -	\$ -
									\$ -	\$ 1,760,000	\$ -	\$ -

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1353054	None					\$ -	\$ -	\$ -
						Total	\$ -	\$ -
1353055	None					\$ -	\$ -	\$ -
						Total	\$ -	\$ -

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1353054	BELTON SOUTH - TURNER ROAD SUBSTATION 161KV CKT 1	10/1/2008	6/1/2009		
	HARPER 138KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	PRATT 115KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
1353055	BELTON SOUTH - TURNER ROAD SUBSTATION 161KV CKT 1	10/1/2008	6/1/2009		
	HARPER 138KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	PRATT 115KV Capacitor	10/1/2008	6/1/2009	10/1/2008	

Reliability Upgrades - The 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
1353054	MARTIN CITY - TURNER ROAD SUBSTATION 161KV CKT 1	10/1/2008	6/1/2013		Yes
	REDEL - STILWELL 161KV CKT 1	10/1/2008	6/1/2011	2/1/2011	Yes
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	No
1353055	MARTIN CITY - TURNER ROAD SUBSTATION 161KV CKT 1	10/1/2008	6/1/2013		Yes
	REDEL - STILWELL 161KV CKT 1	10/1/2008	6/1/2011	2/1/2011	Yes
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	No

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1353054	MARTIN CITY - REDEL 161KV CKT 1	6/1/2009	6/1/2011	2/1/2011	Yes
	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	6/1/2009	6/1/2009		
1353055	MARTIN CITY - REDEL 161KV CKT 1	6/1/2009	6/1/2011	2/1/2011	Yes
	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	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
SPSM AG3-2007-081

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
SPSM	1353057	WPEK	KCPL	50	6/1/2010	1/1/2012	6/1/2013	1/1/2015	\$ -	\$ 836,000	\$ 375,359	\$ 637,776
SPSM	1353059	WPEK	KCPL	50	6/1/2010	1/1/2012	6/1/2013	1/1/2015	\$ -	\$ 836,000	\$ 375,359	\$ 637,776
									\$ -	\$ 1,672,000	\$ 750,718	\$ 1,275,552

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1353057	CLIFTON - GREENLEAF 115KV CKT 1	6/1/2011	6/1/2011			\$ 54,088	\$ 3,598,794	\$ 79,804
	G06-21T 138.00 - HARPER 138KV CKT 1	12/1/2008	6/1/2011		Yes	\$ 195,694	\$ 6,035,477	\$ 321,054
	HARPER - MILAN TAP 138KV CKT 1	12/1/2009	6/1/2010			\$ 10,943	\$ 337,500	\$ 19,228
	MEDICINE LODGE - PRATT 115KV CKT 1	12/1/2008	6/1/2011		Yes	\$ 38,219	\$ 6,497,822	\$ 56,390
	MERRIAM - ROELAND PARK 161KV CKT 1 Displacement	6/1/2011	6/1/2011			\$ 76,415	\$ 669,819	\$ 161,300
	Total					\$ 375,359	\$ 17,139,412	\$ 637,776
1353059	CLIFTON - GREENLEAF 115KV CKT 1	6/1/2011	6/1/2011			\$ 54,088	\$ 3,598,794	\$ 79,804
	G06-21T 138.00 - HARPER 138KV CKT 1	12/1/2008	6/1/2011		Yes	\$ 195,694	\$ 6,035,477	\$ 321,054
	HARPER - MILAN TAP 138KV CKT 1	12/1/2009	6/1/2010			\$ 10,943	\$ 337,500	\$ 19,228
	MEDICINE LODGE - PRATT 115KV CKT 1	12/1/2008	6/1/2011		Yes	\$ 38,219	\$ 6,497,822	\$ 56,390
	MERRIAM - ROELAND PARK 161KV CKT 1 Displacement	6/1/2011	6/1/2011			\$ 76,415	\$ 669,819	\$ 161,300
	Total					\$ 375,359	\$ 17,139,412	\$ 637,776

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

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available
1353057	BELTON SOUTH - TURNER ROAD SUBSTATION 161KV CKT 1	10/1/2008	6/1/2009		
	Craig 161KV 50MVar Cap Bank	6/1/2013	6/1/2013	6/1/2009	
	HARPER 138KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	PRATT 115KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
1353059	BELTON SOUTH - TURNER ROAD SUBSTATION 161KV CKT 1	10/1/2008	6/1/2009		
	Craig 161KV 50MVar Cap Bank	6/1/2013	6/1/2013	6/1/2009	
	HARPER 138KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	PRATT 115KV Capacitor	10/1/2008	6/1/2009	10/1/2008	

Reliability Upgrades - The 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
1353057	ALABAMA - LAKE ROAD 161KV CKT 1	6/1/2011	6/1/2011		
	Craig 161KV 20MVAR Upgrade	6/1/2013	6/1/2013		
	MARTIN CITY - TURNER ROAD SUBSTATION 161KV CKT 1	10/1/2008	6/1/2013		Yes
	REDEL - STILWELL 161KV CKT 1	10/1/2008	6/1/2011	2/1/2011	Yes
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	
1353059	ALABAMA - LAKE ROAD 161KV CKT 1	6/1/2011	6/1/2011		
	Craig 161KV 20MVAR Upgrade	6/1/2013	6/1/2013		
	MARTIN CITY - TURNER ROAD SUBSTATION 161KV CKT 1	10/1/2008	6/1/2013		Yes
	REDEL - STILWELL 161KV CKT 1	10/1/2008	6/1/2011	2/1/2011	Yes
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	

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
1353057	COOK - ST JOE 161KV CKT 1	6/1/2012	6/1/2012	6/1/2010	
	IATAN - STRANGER CREEK 345KV CKT 2	6/1/2012	6/1/2012		
	MARTIN CITY - REDEL 161KV CKT 1	6/1/2009	6/1/2011	2/1/2011	Yes
	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	6/1/2009	6/1/2009		
1353059	COOK - ST JOE 161KV CKT 1	6/1/2012	6/1/2012	6/1/2010	
	IATAN - STRANGER CREEK 345KV CKT 2	6/1/2012	6/1/2012		
	MARTIN CITY - REDEL 161KV CKT 1	6/1/2009	6/1/2011	2/1/2011	Yes
	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	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
 WRGS AG3-2007-025

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
WRGS	1346837	SECI	WR	96	11/1/2008	11/1/2018	6/1/2011	6/1/2021	\$ 1,728,000	-	\$ 2,447,083	\$ 5,738,151
									\$ 1,728,000	\$ -	\$ 2,447,083	\$ 5,738,151

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1346837	BARTLESVILLE SOUTHEAST - NORTH BARTLESVILLE 138KV CKT 1 #2	6/1/2011	6/1/2011			\$ 21,209	\$ 500,000	\$ 55,050
	CLIFTON - GREENLEAF 115KV CKT 1	6/1/2011	6/1/2011			\$ 2,101,278	\$ 3,598,794	\$ 4,810,412
	COFFEYVILLE FARMLAND - DELAWARE 138KV CKT 1	6/1/2014	6/1/2014			\$ 1,860	\$ 100,000	\$ 4,128
	COFFEYVILLE FARMLAND 138KV CAP BANK	6/1/2010	6/1/2010			\$ 6,284	\$ 250,000	\$ 17,259
	COFFEYVILLE TAP - NORTH BARTLESVILLE 138KV CKT 1 #2	6/1/2011	6/1/2011			\$ 12,725	\$ 300,000	\$ 33,626
	Craig 161kV add 70MVAR cap	6/1/2013	6/1/2013			\$ 139,721	\$ 900,000	\$ 397,926
	DEARING 138KV Capacitor Displacement	10/1/2008	6/1/2010			\$ 1,624	\$ 85,922	\$ 4,857
	G06-21T 138.00 - HARPER 138KV CKT 1	12/1/2008	6/1/2011			\$ 153,783	\$ 6,035,477	\$ 391,459
	HARPER - MILAN TAP 138KV CKT 1	12/1/2009	6/1/2010			\$ 8,599	\$ 337,500	\$ 23,434
	Total					\$ 2,447,083	\$ 12,107,693	\$ 5,738,151

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
1346837	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 2	6/1/2016	6/1/2016		
	Craig 161kV 50MVar Cap Bank	6/1/2013	6/1/2013	6/1/2009	
	Fort Scott - SW Bourbon 161 kV	6/1/2017	6/1/2017		
	GILL ENERGY CENTER EAST - INTERSTATE 138KV CKT 1	6/1/2015	6/1/2015		
	HARPER 138KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	PLAINVILLE 115KV Capacitor	6/1/2012	6/1/2012		
	PRATT 115KV Capacitor	10/1/2008	6/1/2009	10/1/2008	
	RUSSELL 115KV Capacitor	6/1/2011	6/1/2011		
	SUB 438 - RIVERSIDE 161KV	6/1/2013	6/1/2013		
	Summit - NE Saline 115 kV	10/1/2008	12/1/2009		

Reliability Upgrades - The 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
1346837	BPU - CITY OF MCPHERSON JOHNS-MANVILLE - EAST MCPHERSON SWITCHING STATION 115KV	6/1/2009	6/1/2011		
	CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1	10/1/2008	6/1/2011		
	CLAY CENTER - GREENLEAF 115KV CKT 1	10/1/2008	6/1/2011		
	COWSKIN - WESTLINK 69KV	6/1/2010	6/1/2010		
	Craig 161kV 20MVAR Upgrade	6/1/2013	6/1/2013		
	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1 #2	6/1/2016	6/1/2016		
	HOOVER NORTH - LAKERIDGE 138KV CKT 1	6/1/2016	6/1/2016		
	HOOVER SOUTH - TYLER 69KV	6/1/2010	6/1/2010		
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	10/1/2009	
	SUB 124 - AURORA H.T. 69KV	6/1/2013	6/1/2013		
	TYLER - WESTLINK 69KV	6/1/2010	6/1/2010		

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
1346837	ALLEN - LEHIGH TAP 69KV CKT 1		6/1/2011	6/1/2011	
	ASH GROVE JCT2 - TIOGA 69KV CKT 1		6/1/2017	6/1/2017	6/1/2011
	Athens to Owl Creek 69 kV		6/1/2011	6/1/2011	
	BARTLESVILLE SOUTHEAST - NORTH BARTLESVILLE 138KV CKT 1		10/1/2008	6/1/2011	
	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1		6/1/2011	6/1/2011	
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1		6/1/2011	6/1/2011	
	CHANUTE TAP - TIOGA 69KV CKT 1		6/1/2017	6/1/2017	6/1/2011
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1		6/1/2011	6/1/2011	
	COFFEYVILLE TAP - DEARING 138KV CKT 1 AEPW		12/1/2008	6/1/2010	
	COFFEYVILLE TAP - DEARING 138KV CKT 1 WERE		12/1/2008	6/1/2010	
	COFFEYVILLE TAP - DEARING 138KV CKT 1 WERE #2		12/1/2008	6/1/2010	
	COFFEYVILLE TAP - NORTH BARTLESVILLE 138KV CKT 1		10/1/2008	6/1/2011	
	CONCORDIA - JEWELL 3 115KV CKT 1		6/1/2013	6/1/2013	
	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1 Displacement		6/1/2009	6/1/2011	
	East Manhattan - SW Manhattan 115kV Displacement		6/1/2009	6/1/2011	
	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 2 Displacement		6/1/2009	6/1/2011	
	East Manhattan to Mcdowell 230 kV Displacement		6/1/2009	6/1/2011	
	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1 #1 Displacement		6/1/2010	6/1/2010	
	Green to Vernon 69 kV		6/1/2011	6/1/2011	
	JEWELL 3 - SMITH CENTER 115KV CKT 1		6/1/2013	6/1/2013	
	LEHIGH TAP - OWL CREEK 69KV CKT 1		6/1/2011	6/1/2011	
	LITCHFIELD - AQUARIUS - HUDSON JUNCTION 69KV CKT 1 Displacement		6/1/2014	6/1/2014	
	NEOSHO - NORTHEAST PARSONS 138KV CKT 1		6/1/2010	6/1/2010	6/1/2009
	RENO - SUMMIT 345KV		10/1/2008	12/1/2009	
	ROSE HILL (ROSEHL1X) 345/138/13.8KV TRANSFORMER CKT 3 Displacement		10/1/2008	6/1/2011	
	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement		6/1/2009	6/1/2009	
	Vernon to Athens 69 kV		6/1/2011	6/1/2011	
	WICHITA - RENO 345KV		10/1/2008	12/1/2008	

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
1346837	WICHITA - RENO 345KV		10/1/2008	12/1/2008	

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

Customer Study Number
 WRGS AG3-2007-026

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
WRGS	1346842	SECI	WR	100	12/31/2008	12/31/2018	6/1/2011	6/1/2021	\$ 1,800,000	-	\$ 19,322,281	\$ 46,787,566
									\$ 1,800,000	\$ -	\$ 19,322,281	\$ 46,787,566

Reservation	Upgrade Name	DUN	EOC	Earliest Service Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
1346842	BARTLESVILLE SOUTHEAST - NORTH BARTLESVILLE 138KV CKT 1 #2	6/1/2011	6/1/2011			\$ 31,158	\$ 500,000	\$ 80,874
	COFFEYVILLE FARMLAND - DELAWARE 138KV CKT 1	6/1/2014	6/1/2014			\$ 2,274	\$ 100,000	\$ 5,047
	COFFEYVILLE FARMLAND 138KV CAP BANK	6/1/2010	6/1/2010			\$ 8,432	\$ 250,000	\$ 23,159
	COFFEYVILLE TAP - NORTH BARTLESVILLE 138KV CKT 1 #2	6/1/2011	6/1/2011			\$ 18,695	\$ 300,000	\$ 49,402
	Craig 161kV add 70MVAR cap	6/1/2013	6/1/2013			\$ 51,507	\$ 900,000	\$ 146,692
	G06-21T 138.00 - HARPER 138KV CKT 1	12/1/2008	6/1/2011			\$ 5,023,487	\$ 6,035,477	\$ 12,787,416
	G06-21T 138.00 - MEDICINE LODGE 138KV CKT 1	12/1/2008	6/1/2011			\$ 1,572,325	\$ 2,011,826	\$ 4,201,950
	GILL ENERGY CENTER EAST - MACARTHUR 69KV CKT 1 Displacement	6/1/2013	6/1/2013			\$ 129,763	\$ 129,763	\$ 267,482
	HARPER - MILAN TAP 138KV CKT 1	12/1/2009	6/1/2010			\$ 280,910	\$ 337,500	\$ 765,539
	HOOVER NORTH 138/69/13.2KV TRANSFORMER CKT 3	6/1/2013	6/1/2013			\$ 3,712,500	\$ 3,712,500	\$ 7,349,663
	MACARTHUR - OATVILLE 69KV CKT 1 Displacement	6/1/2013	6/1/2013			\$ 2,359	\$ 2,359	\$ 4,803
	MEDICINE LODGE - PRATT 115KV CKT 1	12/1/2008	6/1/2011			\$ 5,506,674	\$ 6,497,822	\$ 12,606,313
	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	10/1/2008	6/1/2010			\$ 2,982,197	\$ 3,825,000	\$ 8,499,226
Total						\$ 19,322,281	\$ 24,602,247	\$ 46,787,566

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	Redispatch Available
1346842	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 2	6/1/2016	6/1/2016	
	Craig 161kV 50MVar Cap Bank	6/1/2013	6/1/2013	
	Fort Scott - SW Bourbon 161 kV	6/1/2017	6/1/2017	
	GILL ENERGY CENTER EAST - INTERSTATE 138KV CKT 1	6/1/2015	6/1/2015	
	GILL ENERGY CENTER EAST - OATVILLE 69KV CKT 1	10/1/2008	10/1/2008	
	HARPER 138KV Capacitor	10/1/2008	6/1/2009	
	NORTH CIMARRON 115KV Capacitor	6/1/2009	6/1/2009	
	PRATT 115KV Capacitor	10/1/2008	6/1/2009	
	ST JOHN CAPACITOR	6/1/2016	6/1/2016	
	SUB 438 - RIVERSIDE 161KV	6/1/2013	6/1/2013	
	Summit - NE Saline 115 kV	10/1/2008	12/1/2009	

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

Reservation	Upgrade Name	DUN	EOC	Redispatch Available
1346842	BPU - CITY OF MCPHERSON JOHNS-MANVILLE - EAST MCPHERSON SWITCHING STATION 115KV	6/1/2009	6/1/2011	
	COWSKIN - WESTLINK 69KV	6/1/2010	6/1/2010	
	Craig 161kV 20MVAR Upgrade	6/1/2013	6/1/2013	
	HOOVER SOUTH - TYLER 69KV	6/1/2010	6/1/2010	
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2009	6/1/2010	
	SUB 124 - AURORA H.T. 69KV	6/1/2013	6/1/2013	
	TYLER - WESTLINK 69KV	6/1/2010	6/1/2010	

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	Redispatch Available
1346842	ALLEN - LEHIGH TAP 69KV CKT 1	6/1/2011	6/1/2011	
	ASH GROVE JCT2 - TIOGA 69KV CKT 1	6/1/2017	6/1/2017	
	Athens to Owl Creek 69 kV	6/1/2011	6/1/2011	
	BARTLESVILLE SOUTHEAST - NORTH BARTLESVILLE 138KV CKT 1	10/1/2008	6/1/2011	
	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	6/1/2011	6/1/2011	
	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	6/1/2011	6/1/2011	
	CHANUTE TAP - TIOGA 69KV CKT 1	6/1/2017	6/1/2017	
	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	6/1/2011	6/1/2011	
	COFFEYVILLE TAP - DEARING 138KV CKT 1 AEPW	12/1/2008	6/1/2010	
	COFFEYVILLE TAP - DEARING 138KV CKT 1 WERE	12/1/2008	6/1/2010	
	COFFEYVILLE TAP - DEARING 138KV CKT 1 WERE #2	12/1/2008	6/1/2010	
	COFFEYVILLE TAP - NORTH BARTLESVILLE 138KV CKT 1	10/1/2008	6/1/2011	
	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1 Displacement	6/1/2009	6/1/2011	
	East Manhattan - SW Manhattan 115kV Displacement	6/1/2009	6/1/2011	
	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 2 Displacement	6/1/2009	6/1/2011	
	East Manhattan to Mcdowell 230 kV Displacement	6/1/2009	6/1/2011	
	Green to Vernon 69 kV	6/1/2011	6/1/2011	
	LEHIGH TAP - OWL CREEK 69KV CKT 1	6/1/2011	6/1/2011	
	LITCHFIELD - AQUARIUS - HUDSON JUNCTION 69KV CKT 1 Displacement	6/1/2014	6/1/2014	
	NEOSHO - NORTHEAST PARSONS 138KV CKT 1	6/1/2010	6/1/2010	
	ROSE HILL (ROSEHL1X) 345/138/13.8KV TRANSFORMER CKT 3 Displacement	10/1/2008	6/1/2011	
	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	6/1/2009	6/1/2009	
	Vernon to Athens 69 kV	6/1/2011	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	Redispatch Available
1346842	WICHITA - RENO 345KV	10/1/2008	12/1/2008	

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

Transmission Owner	Upgrade	Solution	Earliest Data Upgrade Required (DUN)	Estimated Date of Upgrade Completion (EOC)	Estimated Engineering & Construction Cost
AEPW	BARTLESVILLE SOUTHEAST - NORTH BARTLESVILLE 138KV CKT 1 #2	Replace terminal equipment at SE Bartlesville Southeast	6/1/2011	6/1/2011	\$ 500,000
AEPW	COFFEYVILLE FARMLAND - DELAWARE 138KV CKT 1	Replace Delaware Switches	6/1/2014	6/1/2014	\$ 100,000
AEPW	COFFEYVILLE FARMLAND - SOUTH COFFEYVILLE CITY 138KV CKT 1	Rebuild 6.22 miles of 795 ACSR with 1590 ACSR.	6/1/2011	6/1/2011	\$ 6,200,000
AEPW	COFFEYVILLE FARMLAND 138KV CAP BANK	add additional cap banks at Coffeyville	6/1/2010	6/1/2010	\$ 250,000
AEPW	COFFEYVILLE TAP - NORTH BARTLESVILLE 138KV CKT 1 #2	Replace line switches 5062 & 5072	6/1/2011	6/1/2011	\$ 300,000
AEPW	COFFEYVILLE TAP - SOUTH COFFEYVILLE CITY 138KV CKT 1	Rebuild 6 miles of 556 ACSR with 1590 ACSR.	6/1/2010	6/1/2011	\$ 6,000,000
AEPW	NORTHEAST STATION - WATOVA 138KV CKT 1	Replace Northeastern Station Wavetraps	6/1/2011	6/1/2011	\$ 125,000
AEPW	TEXAS EASTMAN - WHITNEY 138KV CKT 1	Rebuild 2.49 miles with 1590 ACSR. Replace wavetraps & jumpers @ Whitney. Replace metering CT @ Texas Eastman	6/1/2009	6/1/2011	\$ 2,800,000
EMDE	SUB 124 - AURORA H.T. - SUB 152 - MONETT H.T. 69KV CKT 1 Displacement	Change CT Ratio on breaker #6936 at Aurora #124	6/1/2009	6/1/2009	\$ 214
EMDE	SUB 152 - MONETT H.T. - SUB 383 - MONETT 69KV CKT 1 Displacement	Replace 4/0 Cu jumpers with 500 MCM Cu, new Rate: 54 / 65	6/1/2009	6/1/2009	\$ 3,202
GRDA	COFFEYVILLE FARMLAND (COFAUTO1) 138/69/13.8KV TRANSFORMER CKT 1	Indeterminate	10/1/2008	10/1/2008	Indeterminate
GRDA	COFFEYVILLE FARMLAND (COFAUTO2) 138/69/13.8KV TRANSFORMER CKT 2	Indeterminate	10/1/2008	10/1/2008	Indeterminate
KACP	Craig 161kV add 70MVAR cap	Add an additional 70 MVAR at Craig 161kV	6/1/2013	6/1/2013	\$ 900,000
KACP	MERRIAM - ROELAND PARK 161KV CKT 1 Displacement	reconductor with 1192 acsr; upgrade term equip 1200 A	6/1/2011	6/1/2011	\$ 669,819
MIPU	GRANDVIEW EAST - MARTIN CITY 161KV CKT 1 #2	Reconductor to Bundled Drake	6/1/2010	6/1/2010	\$ 4,700,000
MIPU	GRANDVIEW EAST - SAMPSON 161KV CKT 1 #2	Reconductor	12/1/2012	12/1/2012	\$ 3,225,000
MIPU	LONGVIEW - SAMPSON 161KV CKT 1 #2	Reconductor	12/1/2012	12/1/2012	\$ 2,550,000
MIPU	PLATTE CITY - SMITHVILLE 161KV CKT 1 #1	Increase the normal/emergency ratings to 233/265 MVA by replacing wave traps	6/1/2012	6/1/2012	\$ 180,000
MKEC	CLIFTON - GREENLEAF 115KV CKT 1	Rebuild 14.4 mile line	6/1/2011	6/1/2011	\$ 3,598,794
MKEC	G06-21T 138.00 - HARPER 138KV CKT 1	Rebuild 24.15 mile line	12/1/2008	6/1/2011	\$ 6,035,477
MKEC	G06-21T 138.00 - MEDICINE LODGE 138KV CKT 1	Rebuild 8.05 mile line	12/1/2008	6/1/2011	\$ 2,011,826
MKEC	HARPER - MILAN TAP 138KV CKT 1	Replace Terminal Equipment	12/1/2009	6/1/2010	\$ 337,500
MKEC	MEDICINE LODGE - PRATT 115KV CKT 1	Rebuild 26 mile line	12/1/2008	6/1/2011	\$ 6,497,822
MKEC	MEDICINE LODGE 138/115KV TRANSFORMER CKT 1	Upgrade to 100/147/170MVA transformer	10/1/2008	6/1/2010	\$ 3,825,000
SPS	CURRY COUNTY INTERCHANGE - ROOSEVELT COUNTY INTERCHANGE 115KV CKT 2 Displacement	Upgrade terminal equipment, Rate A & B 185 MVA	6/1/2013	6/1/2013	\$ 15,794
SPS	PLANT X STATION - TOLK STATION EAST 230KV CKT 2	Replace 800 A wavetraps at Plant X and Tolk with new 1600 A	12/1/2009	6/1/2010	\$ 56,000
SPS	PLANT X STATION - TOLK STATION WEST 230KV CKT 1	Replace 800 A wavetraps at Plant X and Tolk with new 1600 A	12/1/2009	6/1/2010	\$ 56,000
SWPA	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 SWPA	Replace wave trap, disconnect switches, current transformers, and breaker. Replace bus.	6/1/2009	6/1/2010	\$ 2,500,000
WERE	95TH & WAVERLY - EAST S.A.A.P. JCT 115KV CKT 1	Rebuild 1.97 miles from 95th & Waverly-East SAAP Jct 115 kv line.	6/1/2011	6/1/2011	\$ 550,000
WERE	DEARING 138KV Capacitor #2	Dearing 138 kv 2-20 MVAR Capacitor Addition	6/1/2010	6/1/2010	\$ 1,680,000
WERE	DEARING 138KV Capacitor Displacement	Dearing 138 kv 20 MVAR Capacitor Addition	10/1/2008	6/1/2010	\$ 85,922
WERE	GILL ENERGY CENTER EAST - MACARTHUR 69KV CKT 1 Displacement	Rebuild 5.56-mile line, 954 ACSR	6/1/2013	6/1/2013	\$ 129,763
WERE	HOOVER NORTH 138/69/13.2KV TRANSFORMER CKT 3	Install 3rd transformer at Hoover	6/1/2013	6/1/2013	\$ 3,712,500
WERE	MACARTHUR - OATVILLE 69KV CKT 1 Displacement	Replace the 69 kv bus and jumpers on the Oatville-Mac Arthur 69 kv line.	6/1/2013	6/1/2013	\$ 2,359

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 Data 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	10/1/2008	6/1/2011
AEPW	COFFEYVILLE TAP - DEARING 138KV CKT 1 AEPW	Tie Line, Reconductor 1.09 miles of 795 ACSR with 1590 ACSR.	12/1/2008	6/1/2010
AEPW	COFFEYVILLE TAP - NORTH BARTLESVILLE 138KV CKT 1	Rebuild 13.11 miles of 795 ACSR with 1590 ACSR.	10/1/2008	6/1/2011
AEPW	MAGAZINE REC - NORTH MAGAZINE 161KV CKT 1 #2	Replace Jumpers @ N. Magazine	6/1/2010	6/1/2010
AEPW	MAGAZINE REC - NORTH MAGAZINE 161KV CKT 1 AEPW	Rebuild 7.43 miles of 250 CWC with 795 ACSR	6/1/2010	6/1/2010
AEPW	SOUTHWEST SHREVEPORT (SW SHV 1) 345/138/13.8KV TRANSFORMER CKT 1	Using IEEE Guide for Loading of Mineral-Oil Immersed Power Transformers (C57.91-2000) Re-rate the autos. Replace two 138 kv breakers and five 138 kv switches. Reset relays and CTs	1/1/2009	6/1/2009
AEPW	SOUTHWEST SHREVEPORT (SW SHV 1) 345/138/13.8KV TRANSFORMER CKT 2	Replace Auto, two 138 kv breakers and five 138 kv switches. Reset relays and CTs	1/1/2009	6/1/2009
KACP	IATAN - STRANGER CREEK 345KV CKT 2	Convert Iatan-Stranger Creek 161kv line to 345kv	6/1/2012	6/1/2012
KACP	MARTIN CITY - REDEL 161KV CKT 1	reconductor 1192 acsr upgrade terminal equip 2000 amp	6/1/2009	6/1/2011
MIPU	COOK - ST JOE 161KV CKT 1	Conductor, Switch, Relay	6/1/2012	6/1/2012
MIPU	GRANDVIEW EAST - SAMPSON 161KV CKT 1 #1	Replace wavetraps	12/1/2012	12/1/2012
MIPU	LONGVIEW - SAMPSON 161KV CKT 1 #1	replace wavetraps	12/1/2012	12/1/2012
MKEC	CONCORDIA - JEWELL 3 115KV CKT 1	Rebuild 25.8 mile line	6/1/2013	6/1/2013
MKEC	JEWELL 3 - SMITH CENTER 115KV CKT 1	Rebuild 33.9 mile line	6/1/2013	6/1/2013
OKGE	MAGAZINE REC - NORTH MAGAZINE 161KV CKT 1 OKGE	Rebuild 7.43 miles of 250 CWC with 795 ACSR	6/1/2010	6/1/2010
WERE	ALLEN - LEHIGH TAP 69KV CKT 1	Tear down / Rebuild 5.69-mile line; 954 kcmil ACSR	6/1/2011	6/1/2011
WERE	ARKANSAS CITY - PARIS 69KV CKT 1 #1 Displacement	Replace Disconnect Switches and Bus Jumpers at Paris and Ark City 69 kv substations	6/1/2016	6/1/2016
WERE	OSH GROVE JCT2 - TIOGA 69KV CKT 1	Rebuild 2.13 miles	6/1/2017	6/1/2017
WERE	Athens to Owl Creek 69 kv	Rebuild Athens to Owl Creek (138kv/69kv Operation)	6/1/2011	6/1/2011
WERE	BURLINGTON JUNCTION - COFFEY COUNTY NO. 3 WESTPHALIA 69KV CKT 1	Rebuild 7.2 miles (138kv/69kv Operation)	6/1/2011	6/1/2011
WERE	BURLINGTON JUNCTION - WOLF CREEK 69KV CKT 1	Rebuild 4.1 miles (138kv/69kv Operation)	6/1/2011	6/1/2011
WERE	CHANUTE TAP - TIOGA 69KV CKT 1	Replace Jumpers	6/1/2017	6/1/2017
WERE	COFFEY COUNTY NO. 3 WESTPHALIA - GREEN 69KV CKT 1	Rebuild 9.22 miles (138kv/69kv Operation)	6/1/2011	6/1/2011
WERE	COFFEYVILLE TAP - DEARING 138KV CKT 1 WERE	Tie Line, Rebuild 3.93 miles of 795 ACSR with 1590 ACSR.	12/1/2008	6/1/2010
WERE	COFFEYVILLE TAP - DEARING 138KV CKT 1 WERE #2	Replace Disconnect Switches, Wavetraps, Breaker, Jumpers	12/1/2008	6/1/2010
WERE	CRESWELL - OAK 69KV CKT 1 #1 Displacement	Replace jumpers and bus, and reset CTs and relaying. Rebuild substations.	6/1/2014	6/1/2014
WERE	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1 Displacement	Rebuild 27 miles 345kv construction operated as 230kv	6/1/2009	6/1/2011
WERE	East Manhattan - SW Manhattan 115KV Displacement	Build new 115kv line from East Manhattan to new SW Manhattan substation	6/1/2009	6/1/2011
WERE	EAST MANHATTAN (EMANHTX3) 230/115/18.0KV TRANSFORMER CKT 2 Displacement	Add second parallel 230-115kv transformer at E Manhattan	6/1/2009	6/1/2011
WERE	East Manhattan to McDowell 230 kv Displacement	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.	6/1/2009	6/1/2011
WERE	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1 #1 Displacement	Replace Disconnect Switches, Wavetraps, Breaker, Jumpers	6/1/2010	6/1/2010
WERE	Green to Vernon 69 kv	Rebuild 7.19 miles Green to Vernon 69 kv (138kv/69kv Operation)	6/1/2011	6/1/2011
WERE	LEHIGH TAP - OWL CREEK 69KV CKT 1	Tear down / Rebuild 8.47-mile 69 kv line; 954 kcmil ACSR	6/1/2011	6/1/2011
WERE	LITCHFIELD - AQUARIUS - HUDSON JUNCTION 69KV CKT 1 Displacement	Replace 69 kv disconnect switches at Aquarius.	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	6/1/2010
WERE	RENO - SUMMIT 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	10/1/2008	12/1/2009
WERE	RICHLAND - ROSE HILL JUNCTION 69KV CKT 1 Displacement	Rebuild 5.43 mile Rose Hill Junction-Richland as a 138 kv line but operate at 69 kv.	10/1/2008	6/1/2011
WERE	ROSE HILL (ROSEHLX) 345/138/13.8KV TRANSFORMER CKT 3 Displacement	Add third 345-138 kv transformer at Rose Hill	10/1/2008	6/1/2011
WERE	TECUMSEH ENERGY CENTER - MIDLAND 115KV CKT 1 Displacement	Convert 161 kv Line to 115 kv Operation	6/1/2009	6/1/2009
WERE	Vernon to Athens 69 kv	Rebuild 5.17 miles Green to Vernon 69 kv (138kv/69kv Operation)	6/1/2011	6/1/2011
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)	10/1/2008	12/1/2008
WERE	WICHITA - RENO 345KV	Build 345kv from Wichita to Reno Co	10/1/2008	12/1/2008

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

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

Transmission Owner	Upgrade	Solution	Earliest Date Upgrade Required (DUN)	Estimated Date of Upgrade Completion (EOC)
AEPW	ARSENAL HILL - NORTH MARKET 69KV CKT 1	Rebuild 2.3 miles of 666 ACSR with 1272 ACSR	6/1/2010	6/1/2010
AEPW	BONANZA - BONANZA TAP 161KV CKT 1	Rebuild 0.06 miles of 397 ACSR with 1272 ACSR & reset relay & CTs @ Bonanza or Bonanza T-Excelsior-Midland-N. Huntington 161 kV loop	6/1/2011	6/1/2011
AEPW	BROKEN BOW - CRAIG JUNCTION 138KV CKT 1	Rebuild 7.66 miles of 3/0 CW CU with 795 ACSR	1/1/2009	6/1/2009
AEPW	EAST CENTRAL HENRYETTA - OKMULGEE 138KV CKT 1	Reconductor 12.79 miles with 1272 ACSR & reset CTs	6/1/2009	6/1/2010
EMDE	JAMESVILLE - SUB 415 - BLACKHAWK JCT. 69KV CKT 1 EMDE	Replace Jumpers to breaker #6950 at Blackhawk Jct.	6/1/2014	6/1/2014
EMDE	SUB 383 - MONETT - SUB 376 - MONETT CITY SOUTH 161/69/12.5KV TRANSFORMER CKT 1	Install new line from Sub #383 to new Sub MONETT 5. Install 3-wind transformer from 161 kV new bus to Monett city south 69kV	6/1/2017	6/1/2017
EMDE	SUB 438 - RIVERSIDE 161KV	Install 3 - stages of 22 MVAR each for a total of 66 MVAR capacitor bank at Riverside Sub #438 547497	6/1/2013	6/1/2013
GRDA	AFTON (AFTAUTO1) 161/69/13.8KV TRANSFORMER CKT 1	Add a second 50 MVA Transformer at Afton Substation.	6/1/2009	6/1/2010
GRDA	CLAREMORE (CLRAUTO1) 161/69/13.8KV TRANSFORMER CKT 1	Replace existing transformer	10/1/2008	6/1/2011
GRDA	CLAREMORE (CLRAUTO2) 161/69/13.8KV TRANSFORMER CKT 2	Replace existing transformer	10/1/2008	6/1/2011
GRDA	PRYAMID CORNERS CAPCITOR	Install 2 - 3.6 Mvar capacitors at Pyramid Corners 69 kV bus	10/1/2008	6/1/2009
GRDA	SALLISAW CAP BANK	Install cap bank	10/1/2008	6/1/2010
KACP	ANTIOCH - OXFORD 161KV CKT 1	Reconductor 5 miles with 1192.5 ACSS, 558 normal/emergency rating	6/1/2017	6/1/2017
KACP	Craig 161KV 50MVar Cap Bank	New Craig 542978 50 MVAR cap bank.	6/1/2013	6/1/2013
MIDW	ST JOHN CAPACITOR	Install 20MVAR capacitors at St. John	6/1/2016	6/1/2016
MIPU	BELTON SOUTH - TURNER ROAD SUBSTATION 161KV CKT 1	Reconductor to Bundled Drake	10/1/2008	6/1/2009
MKEC	HARPER 138KV Capacitor	Install 1 - 20 Mvar capacitor bank	10/1/2008	6/1/2009
MKEC	PHILLIPSBURG - RHOADES 115 kV	Install 35 miles 115 kV from Phillipsburgsubstation to Rhoades	10/1/2008	6/1/2009
MKEC	PLAINVILLE 115KV Capacitor	20 Mvar cap bank at Plainville 115KV	6/1/2012	6/1/2012
MKEC	PRATT 115KV Capacitor	Install (2) 12 Mvar cap banks at Pratt 115KV	10/1/2008	6/1/2009
MKEC	RUSSELL 115KV Capacitor	Add 9.6 Mvar capacitor at Russell 115 kV	6/1/2011	6/1/2011
OKGE	ARKOMA - FT SMITHW 161KV CKT 1	Replace 1200A terminal equipment at Arkoma to 2000A and rebuild 4.47 miles of line to 1590AS52.	6/1/2009	6/1/2011
OKGE	COLONY - FT SMITH 161KV CKT 1	Reconductor 2.2 miles to Drake ACCC/TW and change terminal equipment at Ft. Smith & Colony to 2000A.	6/1/2009	6/1/2009
SPRM	SOUTHWEST - SOUTHWEST DISPOSAL 161KV CKT 1	Reconductor 161KV Line 1192 MCM AAC to 954 kcmil ACSS/TW 0.67 miles and Upgrade Terminal Equipment	6/1/2014	6/1/2014
SPS	TERRY COUNTY INTERCHANGE - WOLFFORTH INTERCHANGE 115KV CKT 1	Upgrade jumper at Terry Co. to a higher rating. Replace 4/0 with 397.5 ACSR cable	1/1/2010	6/1/2010
SUNC	NORTH CIMARRON 115KV Capacitor	Install 24 MVAR Capacitor bank at North Cimarron	6/1/2009	6/1/2009
SWPA	BULL SHOALS - BULL SHOALS 161KV CKT 1	Replace buswork in Bull Shoals switchyard.	6/1/2009	6/1/2011
WERE	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 2	Add second Auburn 230-115 kV transformer.	6/1/2016	6/1/2016
WERE	BISMARCK JUNCTION SWITCHING STATION - FARMERS CONSUMER CO-OP 115KV CKT 1	Rebuild line	6/1/2015	6/1/2015
WERE	BISMARCK JUNCTION SWITCHING STATION - MIDLAND JUNCTION 115KV CKT 1	Rebuild 5.2 miles Bismark to Midland 115 kV line	6/1/2015	6/1/2015
WERE	FARMERS CONSUMER CO-OP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	Rebuild 1.53-mile Co-op-Wakarusa 115 kV line.	6/1/2011	6/1/2011
WERE	Fort Scott - SW Bourbon 161 kV	Tap Litchfield-Marmaton 161 kV with new SW Bourbon Sub to Ft Scott, and new 161/69 kV transformer at Ft Scott.	6/1/2017	6/1/2017
WERE	GILL ENERGY CENTER EAST - INTERSTATE 138KV CKT 1	Replace wave trap	6/1/2015	6/1/2015
WERE	GILL ENERGY CENTER EAST - OATVILLE 69KV CKT 1	Tear down / Rebuild 3.69-mile Gill-Gill Junction-Oatville 69 kV line using 1192.5 kcmil ACSR	10/1/2008	10/1/2008
WERE	LAWRENCE HILL - MOCKINGBIRD HILL SWITCHING STATION 115KV CKT 1	Rebuild 5.49 mile line	6/1/2017	6/1/2017
WERE	ROSE HILL JUNCTION - WEAVER 69KV CKT 1	Rebuild 5.73 mile Weaver-Rose Hill Junction as a 138 kV line but operate at 69 kV.	10/1/2008	12/1/2008
WERE	SOUTHWEST LAWRENCE - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	Rebuild 4.09 mile SW Lawrence-Wakarusa 115 kV line	6/1/2011	6/1/2011
WERE	Summit - NE Saline 115 kV	Build 6.5-mile Summit-Southgate 115 kV, 1192.5 kcmil ACSR	10/1/2008	12/1/2009
WERE	WEST MCPHERSON - WHEATLAND 115KV CKT 1	Tear down and rebuild 7.88 mile West McPherson-Wheatland 115 kV line.	6/1/2009	6/1/2010

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)
EMDE	JOPLIN 59 - SUB 439 - STATELINE 161KV CKT 1	Install new line from Sub #439 to new Sub Joplin 59.	6/1/2010	6/1/2012
EMDE	JOPLIN 59 - SUB 59 - JOPLIN 26TH ST. 161/69KV TRANSFORMER CKT 1	Install 3-wind transformer from 161 kV Joplin 59 bus to Sub #59 Joplin 26th St.	6/1/2010	6/1/2012
EMDE	SUB 124 - AURORA H. T. 69KV	Install 3 - stages of 22 MVAR each for total of 66 MVAR capacitor bank at Aurora Sub #124 bus# 547537	6/1/2013	6/1/2013
EMDE	SUB 145 - JOPLIN WEST 7TH - SUB 439 - STATELINE 161KV CKT 1	Reconductor 161KV Line	6/1/2017	6/1/2017
EMDE	SUB 145 - JOPLIN WEST 7TH - SUB 64 - JOPLIN 10TH ST. 69KV CKT 1	Replace Disconnect Switches and Leads on Breaker #6965 at Sub #64 and #6932 at Sub #145	6/1/2013	6/1/2013
EMDE	SUB 170 - NICHOLS ST. - SUB 80 - MARSHFIELD JCT. 69KV CKT 1	Reconductor line from Sub #80 to Sub #170 from 1/0 CU to 556 ACSR and replace Jumpers in Sub #80	6/1/2012	6/1/2012
KACP	AVONDALE - GLADSTONE 161KV CKT 1	Upgrade Wavetrap at Gladstone from 800 amps to 1200 amps	6/1/2010	6/1/2010
KACP	CRAIG - LENEXA SOUTH 161KV CKT 1 Displacement	Replace Lenexa R1-4 breaker	6/1/2017	6/1/2017
KACP	Craig 161KV 20MVAR Upgrade	Increase the size of the Craig 161KV cap bank by 20 MVar from 50MVar to 70MVar	6/1/2013	6/1/2013
KACP	REDEL - STILLWELL 161KV CKT 1	Reconductor line with 1192 ACSS and upgrade terminal equipment for 2000 amps	10/1/2008	6/1/2011
MIDW	LYONS - WHEATLAND 115KV CKT 1 MIDW	Rebuild 98.5% ownership of 19.4 miles	6/1/2017	6/1/2017
MIPU	ALABAMA - LAKE ROAD 161KV CKT 1	re-set the over current relay to trip the Lake Road-Alabama section when flow goes above 161 MVA	6/1/2011	6/1/2011
MIPU	BLUE SPRINGS EAST - DUNCAN ROAD 161KV CKT 1	Upgrade to conductor Bundled Drake	10/1/2008	6/1/2010
MIPU	MARTIN CITY - TURNER ROAD SUBSTATION 161KV CKT 1	Upgrade to bundled 795 26/7 ACSR conductor	10/1/2008	6/1/2013
MIPU	SIBLEY 161/69KV TRANSFORMER CKT 2	Add the 2nd parallel 161/69KV Transformer at Sibley plant	10/1/2008	6/1/2010
MIPU	South Harper - Freeman 69 kV	Sub to trip South Harper - Freeman 69 kV line	10/1/2008	10/1/2008
MKEC	CLAY CENTER - GREENLEAF 115KV CKT 1	Building a new 115 kV tie with Westar from Greenleaf to Clay Center	10/1/2008	6/1/2011
SJLP	MIDWAY - ST JOE 161KV CKT 1	Upgrade to 795 26/7 ACSR Conductor	12/1/2012	12/1/2012
SPS	SOUTH PLAINS REC-YUMA - WOLFFORTH INTERCHANGE 115KV CKT 1	Replace Terminal Equipment	1/1/2010	6/1/2012
SWPA	CLARKSVILLE - DARDANELLE 161KV CKT 1	Reconductor Clarksville-Dardanelle line	6/1/2012	6/1/2012
WERE	95TH & WAVERLY - CAPTAIN JUNCTION 115KV CKT 1	Rebuild 7.61 miles from 95th & Waverly-Captain Junction 115 kV line.	6/1/2011	6/1/2011
WERE	BPU - CITY OF MCPHERSON JOHNS-MANVILLE - EAST MCPHERSON SWITCHING STATION 115KV CKT 1	Rebuild Line	6/1/2009	6/1/2011
WERE	CHAPMAN - CLAY CENTER JUNCTION 115KV CKT 1	Reset terminal equipment	10/1/2008	6/1/2011
WERE	COWSKIN - WESTLINK 69KV	Rebuild 2.11 miles	6/1/2010	6/1/2010
WERE	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1 #2	Reconductor 8.02 miles with Bundled 1192.5 ACSR	6/1/2016	6/1/2016
WERE	HOOVER NORTH - LAKERIDGE 138KV CKT 1	Replace Disconnect Switches, Wavetrap, Breaker, Jumpers	6/1/2016	6/1/2016
WERE	HOOVER SOUTH - TYLER 69KV	Rebuild 1.94 miles	6/1/2010	6/1/2010
WERE	LYONS - WHEATLAND 115KV CKT 1 WERE	Rebuild 1.5% ownership of 19.4 miles	6/1/2017	6/1/2017
WERE	STRANGER CREEK - NW LEAVENWORTH 115KV	Rebuild 11.62-mile Jarbalo-NW Leavenworth 115 kV line and tap in & out of Stranger 115 kV	6/1/2009	6/1/2010
WERE	TYLER - WESTLINK 69KV	Rebuild 2.66 miles and operate line normally closed	6/1/2010	6/1/2010

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)
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)	10/1/2008	12/1/2008
WERE	WICHITA - RENO 345KV	Build 345kV from Wichita to Reno Co	10/1/2008	12/1/2008

Table 5 - Third Party Facility Constraints

Transmission Owner	UpgradeName	Solution	Earliest Date Upgrade Required (DUN)	Estimated Date of Upgrade Completion (EOC)	Estimated Engineering & Construction Cost
AECI	CLINTON - HOLDEN 161KV CKT 1	Indeterminate	06/01/17	06/01/17	Indeterminate
AECI	HUBEN (HUBEN) 345/161/13.8KV TRANSFORMER CKT 1	Indeterminate	12/01/12	12/01/12	Indeterminate
AECI	JAMESVILLE - SUB 415 - BLACKHAWK JCT 69KV CKT 1 AECI	Indeterminate	06/01/14	06/01/14	Indeterminate
ENR	3GRENW/D 115.00 - HUMPHREY 115KV CKT 1	Indeterminate	10/01/08	10/01/08	Indeterminate
ENR	3GRENW/D 115.00 - TERREBONNE 115KV CKT 1	Indeterminate	10/01/08	10/01/08	Indeterminate
ENR	3RUSTNE 115.00 - DOWNSVILLE 115KV CKT 1	Indeterminate	10/01/08	10/01/08	Indeterminate
ENR	3RUSTNE 115.00 - VIENNA 115KV CKT 1	Indeterminate	10/01/08	10/01/08	Indeterminate
ENR	4EOPLOUS 138.00 - CHAMPAGNE 138KV CKT 1	Indeterminate	10/01/08	10/01/08	Indeterminate
ENR	4KSPRGS 138.00 - LINE 642 TAP 138KV CKT 1	Indeterminate	10/01/08	10/01/08	Indeterminate
ENR	4NCROWL 138.00 - SCOTT 138KV CKT 1	Indeterminate	06/01/11	06/01/11	Indeterminate
ENR	4SCOTT2 138.00 - 4SEMERE 138.00 138KV CKT 1	Indeterminate	06/01/09	06/01/09	Indeterminate
ENR	5BEE BR - QUITMAN 161KV CKT 1	Indeterminate	06/01/09	06/01/09	Indeterminate
ENR	5CLINTN - CLINTON WEST (AECC) 161KV CKT 1	Indeterminate	12/01/12	12/01/12	Indeterminate
ENR	5ST_JOE 161.00 - EVERTON 161KV CKT 1	Indeterminate	12/01/08	12/01/08	Indeterminate
ENR	8WELLS 500.00 - WEBRE 500KV CKT 1	Indeterminate	10/01/08	10/01/08	Indeterminate
ENR	8WELLS 500.00 500/230KV TRANSFORMER CKT 1	Indeterminate	10/01/08	10/01/08	Indeterminate
ENR	ADAMS CREEK - BOGALUSA 230KV CKT 2	Indeterminate	10/01/08	10/01/08	Indeterminate
ENR	ARKANSAS NUCLEAR ONE 161 - RUSSELLVILLE NORTH 161KV CKT 1	Indeterminate	06/01/09	06/01/09	Indeterminate
ENR	CECELIA - DOC BONIN 138KV CKT 1	Indeterminate	12/01/09	12/01/09	Indeterminate
ENR	CECELIA - MORIL 138KV CKT 1	Indeterminate	12/01/09	12/01/09	Indeterminate
ENR	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 ENR	Indeterminate	06/01/09	06/01/09	Indeterminate
ENR	DOC BONIN - SCOTT 138KV CKT 1	Indeterminate	06/01/09	06/01/09	Indeterminate
ENR	EVERTON - HARRISON-EAST 161KV CKT 1	Indeterminate	12/01/08	12/01/08	Indeterminate
ENR	FRONT STREET - SLIDELL 230KV CKT 1	Indeterminate	10/01/08	10/01/08	Indeterminate
ENR	GIBSON - HUMPHREY 115KV CKT 1	Indeterminate	10/01/08	10/01/08	Indeterminate
ENR	GIBSON - RAMOS 138KV CKT 1	Indeterminate	10/01/08	10/01/08	Indeterminate
ENR	GIBSON 138/115KV TRANSFORMER CKT 1	Indeterminate	10/01/08	10/01/08	Indeterminate
ENR	GRIMES - MT. ZION 138KV CKT 1	Indeterminate	06/01/11	06/01/11	Indeterminate
ENR	HARRISON-EAST - SUMMIT 161KV CKT 1	Indeterminate	06/01/11	06/01/11	Indeterminate
ENR	HARTBURG - INLAND-ORANGE 230KV CKT 1	Indeterminate	01/01/10	06/01/11	Indeterminate
ENR	LINE 642 TAP - LIVONIA BULK 138KV CKT 1	Indeterminate	10/01/08	10/01/08	Indeterminate
ENR	LIVONIA BULK - WILBERT 138KV CKT 1	Indeterminate	10/01/08	10/01/08	Indeterminate
ENR	LOUISIANA STATION - WILBERT 138KV CKT 1	Indeterminate	10/01/08	10/01/08	Indeterminate
ENR	MAGAZINE REC - NORTH MAGAZINE 161KV CKT 1 ENR	Rebuild 7.43 miles of 250 CWC with 795 ACSR	06/01/10	06/01/10	Indeterminate
ENR	RUSSELLVILLE EAST - RUSSELLVILLE NORTH 161KV CKT 1	Indeterminate	06/01/09	06/01/09	Indeterminate
ENR	RUSSELLVILLE EAST - RUSSELLVILLE SOUTH 161KV CKT 1	Indeterminate	11/01/08	11/01/08	Indeterminate
ENR	WATERFORD - WILLOW GLEN 500KV CKT 1	Indeterminate	10/01/08	10/01/08	Indeterminate
ENR	WATERFORD 500/230KV TRANSFORMER CKT 1	Indeterminate	10/01/08	10/01/08	Indeterminate
LFAA	DOC BONIN 230/138KV TRANSFORMER CKT 1	Indeterminate	06/01/09	06/01/09	Indeterminate
NPPD	GENTLMREDWIL	Indeterminate	10/01/08	10/01/08	Indeterminate