



*Aggregate System Impact Study
SPP-2007-AG3-ASIS-1
For Transmission Service
Requested by
Aggregate Transmission Customers*

SPP Engineering, SPP Tariff Studies

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1. Executive Summary

Pursuant to Attachment Z of the Southwest Power Pool Open Access Transmission Tariff (OATT), approximately 8,755 MW of long-term transmission service requests have been studied in aggregate. The principal objective of the study is to identify system problems and potential modifications necessary to facilitate these transfers while maintaining or improving system reliability. Facility upgrade costs are allocated to all requests positively impacting any individual upgraded facility on a prorated basis. 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 facilities upgrade cost determined by the Aggregate System Impact Study is approximately \$ 1,171 Million. Final cost allocation and potential base plan funding will be determined during the Aggregate Facility Study.

The Transmission Provider will tender a Facility Study Agreement on Decemeber 21th, 2007. 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 January 5th, 2007, an executed Facility Study Agreement. The only action required on OASIS is to WITHDRAW the request or leave the request in STUDY mode.

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 October 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 8,755 MW of long-term transmission service has been studied in this Aggregate System Impact (ASIS) with over \$1,171 Million in transmission upgrades being proposed. The results of the ASIS are detailed in Tables 1 through 5. 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). The individual upgrade costs by request are provided as a range due to the uncertainty of final customer participation. The lower cost is based upon the allocation of costs to all customers in the ASIS who positively impact facilities subsequently overloaded by the ASIS. The higher cost is determined by allocating the total cost of each upgrade required by an individual request to that request to indicate potential engineering and construction costs if all other requests withdraw from the ATSS. 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 Z 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 ASIS 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 2. This table also includes constrained facilities in the current planning horizon that limit the rollover rights of the Transmission Customer. Table 5 lists possible redispatch pairs to allow start of service prior to completion of assigned network upgrades.

A. Third Party Facilities

For third-party facilities listed in Table 2 and Table 4, 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 ASIS, 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.

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 69 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 AEI, 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 8,755 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 8,755 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 5 contain the steady-state analysis results of the ASIS. Table 1 identifies the participating long-term transmission service requests included in the ASIS. This table provides the engineering and construction upgrade cost range, potential base plan funding allowance, point-to-point base rate charge, deferral period for each request, and minimum annual allocated ATC without upgrades and season of first impact. Table 2 provides additional details for each request including all assigned facility upgrades required, allocated E & C costs, 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. These costs are provided in a range derived from the two possibilities that all requests will execute service agreements or that only the detailed request will execute a service agreement. Table 3 lists all upgrade requirements with associated solutions needed to provide transmission service for the ASIS, Earliest Date Upgrade is required (COD), Estimated Date of Upgrade Completion (EOC), and Estimated E & C cost. Table 4 lists identified Third-Party constrained facilities. Table 5 identifies potential redispatch pairs available to relieve the aggregate impacts on identified constraints to prevent deferral of start of service.

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.

The AFS will utilize the allocated customer E & C cost in a present worth analysis to determine the levelized revenue requirement of each facility upgrade over the term of the reservation. The upgrade levelized revenue requirements include interest, depreciation, and carrying costs. Therefore, the levelized revenue requirements for facilities upgrades will be higher than the estimated E & C costs included in this study.

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 power supply contracts or agreements 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 ASIS who positively impact facilities by at least 3% subsequently overloaded by the ASIS. Minimum ATC is the portion of the requested capacity that can be accommodated without upgrading facilities. Annual ATC allocated to the Transmission Customer is determined by the least amount of allocated seasonal ATC within each year of a reservation period.

5. Conclusion

The results of the ASIS 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 2.

The Transmission Provider will tender a Facility Study Agreement on December 21st, 2007. 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 January 5th, 2007, an executed Facility Study Agreement. The only action required on OASIS is to WITHDRAW the request or leave the request in STUDY mode.

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 the Aggregate System Impact Study

Customer	Study Number	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Minimum Allocated ATC (MW) within reservation period	Season of Minimum Allocated ATC within reservation period	Month	Maximum Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Engineering and Construction Cost of Upgrades Allocated to Customer based on ASIS allocation	Total Engineering and Construction Cost of Upgrades Allocated to Customer if all other customers withdraw.
AECC	AG3-2007-061	1352801	AECI	CSWS	260	6/1/2013	6/1/2033	6/1/2013	6/1/2033	017SP			\$ 46,800,000	\$ -	\$ 73,913,346	\$ 678,694,559
AEPM	AG3-2007-015	1337138	CSWS	EES	22	1/1/2009	1/1/2010	6/1/2013	6/1/2014	009SP			\$ -	\$ -	\$ 2,337,019	\$ 381,100,000
AEPM	AG3-2007-028	1347943	CSWS	EES	12	1/1/2009	1/1/2011	6/1/2013	6/1/2018	009SP			\$ -	\$ 594,000	\$ 1,122,869	\$ 381,635,000
AEPM	AG3-2007-028	1347944	CSWS	EES	21	1/1/2009	1/1/2014	6/1/2013	6/1/2018	009SP			\$ -	\$ 1,080,965	\$ 2,204,965	\$ 381,735,000
AEPM	AG3-2007-028	1347947	CSWS	EES	20	1/1/2009	1/1/2014	6/1/2013	6/1/2018	009SP			\$ -	\$ 1,026,000	\$ 2,051,038	\$ 381,635,000
AEPM	AG3-2007-028	1347949	CSWS	EES	18	1/1/2009	1/1/2014	6/1/2013	6/1/2018	009SP			\$ -	\$ 918,000	\$ 1,899,212	\$ 381,735,000
AEPM	AG3-2007-028	1347953	CSWS	EES	10	1/1/2009	1/1/2014	6/1/2013	6/1/2018	009SP			\$ -	\$ 486,000	\$ 969,049	\$ 381,735,000
AEPM	AG3-2007-028	1347955	CSWS	EES	27	1/1/2009	1/1/2014	6/1/2013	6/1/2018	009SP			\$ -	\$ 1,350,000	\$ 2,617,753	\$ 381,635,000
AEPM	AG3-2007-051	1352720	CSWS	CSWS	50	1/1/2009	1/1/2011	6/1/2013	6/1/2015	009SP			\$ -	\$ -	\$ 3,814,456	\$ 667,179,559
AEPM	AG3-2007-051	1352728	CSWS	CSWS	100	1/1/2009	1/1/2011	6/1/2013	6/1/2015	009SP			\$ -	\$ -	\$ 7,628,911	\$ 667,179,559
AEPM	AG3-2007-052	1352758	CSWS	CSWS	150	1/1/2011	1/1/2012	1/1/2011	1/1/2012	012SP			\$ -	\$ -	\$ 10,447,482	\$ 655,474,559
AEPM	AG3-2007-052	1352762	CSWS	CSWS	100	1/1/2011	1/1/2012	1/1/2011	1/1/2012	012SP			\$ -	\$ -	\$ 6,964,988	\$ 655,474,559
AEPM	AG3-2007-053	1352759	CSWS	CSWS	150	1/1/2012	1/1/2013	6/1/2013	6/1/2014	012SP			\$ -	\$ -	\$ 10,660,334	\$ 666,664,559
AEPM	AG3-2007-053	1352761	CSWS	CSWS	100	1/1/2012	1/1/2013	6/1/2013	6/1/2014	012SP			\$ -	\$ -	\$ 7,106,888	\$ 666,664,559
AEPM	AG3-2007-054	1352732	CSWS	CSWS	100	1/1/2010	1/1/2011	6/1/2013	6/1/2014	012SP			\$ -	\$ -	\$ 7,550,834	\$ 666,664,559
AEPM	AG3-2007-055	1352740	CSWS	CSWS	100	1/1/2009	1/1/2011	6/1/2013	6/1/2015	009SP			\$ -	\$ -	\$ 7,395,103	\$ 667,179,559
AEPM	AG3-2007-056	1352753	CSWS	CSWS	150	1/1/2010	1/1/2011	6/1/2013	6/1/2014	012SP			\$ -	\$ -	\$ 10,975,460	\$ 666,664,559
AEPM	AG3-2007-058	1352768	CLEC	CSWS	240	1/1/2010	1/1/2011	6/1/2013	6/1/2014	012SP			\$ -	\$ -	\$ 22,215,140	\$ 673,189,559
AEPM	AG3-2007-060	1352792	EES	CSWS	225	1/1/2009	1/1/2010	6/1/2013	6/1/2014	009SP			\$ -	\$ -	\$ 21,677,113	\$ 673,689,559
AEPM	AG3-2007-063	1352923	CSWS	CSWS	50	1/1/2009	1/1/2011	6/1/2013	6/1/2015	009SP			\$ -	\$ -	\$ 4,179,950	\$ 667,314,559
AEPM	AG3-2007-065	1352934	CSWS	CSWS	54	6/1/2010	6/1/2015	6/1/2013	6/1/2018	012SP			\$ -	\$ -	\$ 2,317,404	\$ 668,754,559
AEPM	AG3-2007-098	1353350	SPS	CSWS	42	1/1/2009	1/1/2014	6/1/2013	6/1/2018	009SP			\$ -	\$ -	\$ 4,471,515	\$ 666,944,559
AEPM	AG3-2007-098	1353352	SPS	CSWS	22	1/1/2009	1/1/2014	6/1/2013	6/1/2018	009SP			\$ -	\$ -	\$ 2,342,220	\$ 666,944,559
AEPM	AG3-2007-098	1353353	SPS	CSWS	21	1/1/2009	1/1/2014	6/1/2013	6/1/2018	009SP			\$ -	\$ -	\$ 2,235,758	\$ 666,944,559
CMLP	AG3-2007-047	1352181	GRDA	CSWS	115	6/1/2008	6/1/2042	6/1/2013	6/1/2047	009SP			\$ 2,880,000	\$ -	\$ 779,172	\$ 382,150,000
CMLP	AG3-2007-047	1352193	GRDA	CSWS	197	6/1/2008	6/1/2042	6/1/2013	6/1/2047	012SP			\$ 2,880,000	\$ -	\$ 1,359,057	\$ 382,150,000
CRGL	AG3-2007-003	1290177	OPPD	LAM345	200	1/1/2012	1/1/2017	6/1/2013	6/1/2018	012SP			\$ -	\$ -	\$ 97,005,766	\$ 960,264,559
CRGL	AG3-2007-005	1297680	WR	ERCOTN	207	2/1/2008	2/1/2010	6/1/2013	6/1/2015	009SP			\$ -	\$ -	\$ 21,315,956	\$ 123,090,000
CRGL	AG3-2007-006	1297686	KCPL	ERCOTN	207	2/1/2008	2/1/2010	2/1/2008	2/1/2010	012SP			\$ -	\$ -	\$ -	\$ -
CRGL	AG3-2007-007	1297687	EES	ERCOTN	207	2/1/2008	2/1/2010	2/1/2008	2/1/2010	012SP			\$ -	\$ -	\$ -	\$ -
CRGL	AG3-2007-008	1297688	OPPD	ERCOTN	207	2/1/2008	2/1/2010	2/1/2008	2/1/2010	012SP			\$ -	\$ -	\$ -	\$ -
CRGL	AG3-2007-009	1297689	OKGE	ERCOTN	207	2/1/2008	2/1/2010	2/1/2008	2/1/2010	012SP			\$ -	\$ -	\$ -	\$ -
CRGL	AG3-2007-010	1297691	CLEC	ERCOTN	207	2/1/2008	2/1/2010	2/1/2008	2/1/2010	012SP			\$ -	\$ -	\$ -	\$ -
CRGL	AG3-2007-011	1297692	AMRN	ERCOTN	207	2/1/2008	2/1/2010	2/1/2008	2/1/2010	012SP			\$ -	\$ -	\$ -	\$ -
CRGL	AG3-2007-012	1315805	ERCOTE	ERCOTN	207	2/1/2008	2/1/2010	2/1/2008	2/1/2010	012SP			\$ -	\$ -	\$ -	\$ -
CRGL	AG3-2007-018	1340342	KCPL	CLEC	103	2/1/2008	2/1/2009	6/1/2013	6/1/2014	008SP			\$ -	\$ 1,347,648	\$ 12,834,373	\$ 782,564,559
CRGL	AG3-2007-019	1340343	OPPD	CLEC	103	2/1/2008	2/1/2009	6/1/2013	6/1/2014	008SP			\$ -	\$ 1,347,648	\$ 11,111,419	\$ 778,564,559
CRGL	AG3-2007-020	1340344	WR	CLEC	103	2/1/2008	2/1/2009	6/1/2013	6/1/2014	008SP			\$ -	\$ 1,347,648	\$ 12,498,422	\$ 783,814,559
CRGL	AG3-2007-023	1344392	OPPD	EES	103	2/1/2008	2/1/2009	6/1/2013	6/1/2014	008SP			\$ -	\$ 1,112,400	\$ 10,382,001	\$ 778,564,559
CWEP	AG3-2007-013	1316474	EES	SPA	4	4/1/2012	4/1/2042	6/1/2013	6/1/2043	012SP			\$ 720,000	\$ 1,296,000	\$ 1,182,578	\$ 398,058,000
EDE	AG3-2007-037	1350960	KCPL	EDE	5	11/1/2008	11/1/2018	6/1/2013	6/1/2023	009SP			\$ 900,000	\$ -	\$ 450,479	\$ 788,405,559
EDE	AG3-2007-046	1352109	KCPL	EDE	5	1/1/2010	1/1/2030	6/1/2013	6/1/2033	012SP			\$ 900,000	\$ -	\$ 375,472	\$ 788,330,559
GRDA	AG3-2007-034	1350396	OKGE	GRDA	150	6/1/2008	6/1/2013	6/1/2013	6/1/2018	009SP			\$ 27,000,000	\$ -	\$ 5,713,914	\$ 660,519,559
KBPU	AG3-2007-017D	1339117	MPS	KACY	5	2/1/2008	2/1/2009	6/1/2010	6/1/2011	008SP			\$ -	\$ 52,800	\$ 793,710	\$ 384,500,000
KCPS	AG3-2007-021	1340403	WR	WPEK	10	2/1/2008	2/1/2009	6/1/2013	6/1/2014	008SP			\$ -	\$ 117,360	\$ 5,595,387	\$ 1,023,926,559
KCPS	AG3-2007-021	1340404	WR	WPEK	5	2/1/2008	2/1/2009	6/1/2013	6/1/2014	008SP			\$ -	\$ 58,680	\$ 2,797,691	\$ 1,023,926,559
KCPS	AG3-2007-022	1340405	KCPL	WPEK	5	2/1/2008	2/1/2009	6/1/2013	6/1/2014	008SP			\$ -	\$ 58,680	\$ 2,523,331	\$ 908,356,559
KCPS	AG3-2007-022	1340407	KCPL	WPEK	10	2/1/2008	2/1/2009	6/1/2013	6/1/2014	008SP			\$ -	\$ 117,360	\$ 5,046,667	\$ 908,356,559
KCPS	AG3-2007-069	1352968	KCPL	EES	52	10/1/2008	10/1/2009	6/1/2013	6/1/2014	009SP			\$ -	\$ 561,600	\$ 6,081,530	\$ 782,564,559
KCPS	AG3-2007-070	1352971	KCPL	EES	52	1/1/2010	1/1/2011	6/1/2013	6/1/2014	012SP			\$ -	\$ 561,600	\$ 6,081,530	\$ 782,564,559
KCPS	AG3-2007-070	1352972	KCPL	EES	52	1/1/2010	1/1/2011	6/1/2013	6/1/2014	012SP			\$ -	\$ 561,600	\$ 6,081,530	\$ 782,564,559
KCPS	AG3-2007-071	1352975	KCPL	CSWS	52	6/1/2008	6/1/2009	6/1/2013	6/1/2014	009SP			\$ -	\$ 680,366	\$ 8,139,671	\$ 797,941,559
KCPS	AG3-2007-071	1352977	KCPL	CSWS	52	6/1/2008	6/1/2009	6/1/2013	6/1/2014	009SP			\$ -	\$ 680,366	\$ 7,385,609	\$ 787,941,559
KCPS	AG3-2007-073	1353004	KCPL	CSWS	52	1/1/2010	1/1/2011	6/1/2013	6/1/2014	012SP			\$ -	\$ 680,366	\$ 7,385,609	\$ 788,744,559
KCPS	AG3-2007-073	1353006	KCPL	CSWS	52	1/1/2010	1/1/2011	6/1/2013	6/1/2014	012SP			\$ -	\$ 680,366	\$ 7,385,609	\$ 788,744,559
KCPS	AG3-2007-073	1353007	KCPL	CSWS	52	1/1/2010	1/1/2011	6/1/2013	6/1/2014	012SP			\$ -	\$ 680,366	\$ 7,385,609	\$ 788,744,559
KCPS	AG3-2007-073	1353008	KCPL	CSWS	52	1/1/2010	1/1/2011	6/1/2013	6/1/2014	012SP			\$ -	\$ 680,366	\$ 7,385,609	\$ 788,744,559
KCPS	AG3-2007-073	1353010	KCPL	CSWS	52	1/1/2010	1/1/2011	6/1/2013	6/1/2014	012SP			\$ -	\$ 680,366	\$ 7,385,609	\$ 788,744,559
KCPS	AG3-2007-074	1353013	KCPL	KCPL	45	11/1/2008	11/1/2018	6/1/2011	6/1/2021	009SP			\$ 8,100,000	\$ -	\$ 2,509,409	\$ 11,362,000
KCPS	AG3-2007-075A	1353028	WPEK	KCPL	50	6/1/2008	6/1/2009	6/1/2013	6/1/2014	008SP			\$ -	\$ 528,000	\$ 16,222,935	\$ 907,356,559
KCPS	AG3-2007-076A	1353031	EES	CSWS	52	1/1/2010	1/1/2011	6/1/2013	6/1/2014	012SP			\$ -	\$ 680,366	\$ 4,215,572	\$ 673,189,559
KCPS	AG3-2007-076A	1353037	EES	CSWS	52	1/1/2010	1/1/2011	6/1/2013	6/1/2014	012SP			\$ -	\$ 680,366	\$ 4,215,572	\$ 673,189,559
KCPS	AG3-2007-076A	1353038	EES	CSWS	52	1/1/2010	1/1/2011	6/1/2013	6/1/2014	012SP			\$ -	\$ 680,366	\$ 4,215,572	\$ 673,189,559
KCPS	AG3-2007-076A	1353039	EES	CSWS	52	1/1/2010	1/1/2011	6/1/2013	6/1/2014	012SP			\$ -	\$ 680,366	\$ 4,215,572	\$ 673,189,559
KCPS	AG3-2007-076A	1353040	EES	CSWS	52	1/1/2010	1/1/2011	6/1/2013	6/1/2014	012SP			\$ -	\$ 680,366	\$ 4,215,572	\$ 673,189,559
KEPC	AG3-2007-064	1352933	WR	KCPL	15	6/1/2008	6/1/2040	6/1/2013	6/1/2045	008SP			\$ 2,700,000	\$ -	\$ 5,094,587	\$ 901,936,559
KEPC	AG3-2007-066	1352938	WR	WR	68	6/1/2008	6/1/2040	6/1/2013	6/1/2045	009SP			\$ -	\$ -	\$ 32,346,770	\$ 642,926,559
KEPC	AG3-2007-067	1352951	WR	WPEK	57	6/1/2008	6/1/2040	6/1/2013	6/1/2045	009SP			\$ 10,260,000	\$ -	\$ 20,522,270	\$ 1,023,426,559
KEPC	AG3-2007-068	1352961	WR	SECI	3</											

Table 1 - Long-Term Transmission Service Requests Included the Aggregate System Impact Study

Customer	Study Number	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Minimum Allocated ATC (MW) within reservation period	Season of Minimum Allocated ATC within reservation period	Base Plan Funding Allowable	Maximum Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Engineering and Construction Cost of Upgrades Allocated to Customer based on ASIS allocation	Total Engineering and Construction Cost of Upgrades Allocated to Customer if all other customers withdraw.
MIDW	AG3-2007-083	1353086	WR	WR	1	6/1/2008	6/1/2013	6/1/2013	6/1/2018	0.095P	6	\$	-	-	295,528	\$ 1,023,926,559
MIDW	AG3-2007-083	1353088	WR	WR	2	6/1/2008	6/1/2013	6/1/2013	6/1/2018	0.095P	6	\$	-	-	591,051	\$ 1,023,926,559
MIDW	AG3-2007-084	1353090	WR	WR	1	6/1/2008	6/1/2013	6/1/2013	6/1/2018	0.095P	6	\$	-	-	304,340	\$ 1,023,926,559
MIDW	AG3-2007-084	1353091	WR	WR	2	6/1/2008	6/1/2013	6/1/2013	6/1/2018	0.095P	6	\$	-	-	608,691	\$ 1,023,926,559
MIDW	AG3-2007-084	1353092	WR	WR	2	6/1/2008	6/1/2013	6/1/2013	6/1/2018	0.095P	6	\$	-	-	608,691	\$ 1,023,926,559
MIDW	AG3-2007-085	1353093	WR	WR	2	6/1/2008	6/1/2013	6/1/2013	6/1/2018	0.095P	6	\$	-	-	1,063,721	\$ 515,404,559
MIDW	AG3-2007-085	1353095	WR	WR	1	6/1/2008	6/1/2013	6/1/2013	6/1/2018	0.095P	6	\$	-	-	531,862	\$ 515,404,559
MIDW	AG3-2007-085	1353096	WR	WR	1	6/1/2008	6/1/2013	6/1/2013	6/1/2018	0.085P	6	\$	-	-	531,862	\$ 515,404,559
MIDW	AG3-2007-086	1353097	WR	WR	3	6/1/2008	6/1/2013	6/1/2013	6/1/2018	0.095P	6	\$	-	-	890,209	\$ 643,426,559
MIDW	AG3-2007-086	1353098	WR	WR	2	6/1/2008	6/1/2013	6/1/2013	6/1/2018	0.095P	6	\$	-	-	593,473	\$ 643,426,559
MIDW	AG3-2007-086	1353099	WR	WR	1	6/1/2008	6/1/2013	6/1/2013	6/1/2018	0.095P	6	\$	-	-	296,738	\$ 643,426,559
MIDW	AG3-2007-087	1353102	WR	WR	2	6/1/2008	6/1/2013	6/1/2013	6/1/2018	0.095P	6	\$	-	-	659,962	\$ 643,426,559
MIDW	AG3-2007-087	1353103	WR	WR	1	6/1/2008	6/1/2013	6/1/2013	6/1/2018	0.095P	6	\$	-	-	329,971	\$ 643,426,559
MIDW	AG3-2007-088	1353104	WR	WR	2	6/1/2008	6/1/2013	6/1/2013	6/1/2018	0.095P	6	\$	-	-	1,331,891	\$ 515,404,559
MIDW	AG3-2007-088	1353105	WR	WR	2	6/1/2008	6/1/2013	6/1/2013	6/1/2018	0.095P	6	\$	-	-	1,331,891	\$ 515,404,559
MIDW	AG3-2007-088	1353106	WR	WR	1	6/1/2008	6/1/2013	6/1/2013	6/1/2018	0.095P	6	\$	-	-	665,943	\$ 515,404,559
MIDW	AG3-2007-089	1353107	WR	WR	2	6/1/2008	6/1/2013	6/1/2013	6/1/2018	0.095P	6	\$	-	-	659,962	\$ 643,426,559
MIDW	AG3-2007-089	1353108	WR	WR	1	6/1/2008	6/1/2013	6/1/2013	6/1/2018	0.095P	6	\$	-	-	329,971	\$ 643,426,559
MIDW	AG3-2007-089	1353109	WR	WR	1	6/1/2008	6/1/2013	6/1/2013	6/1/2018	0.095P	6	\$	-	-	329,971	\$ 643,426,559
MIDW	AG3-2007-090	1353110	WR	WR	25	3/1/2008	3/1/2027	6/1/2013	6/1/2032	0.085P	5	\$ 450,000	-	-	6,628,122	\$ 914,566,559
MIDW	AG3-2007-091	1353111	WR	WR	25	1/1/2009	1/1/2029	6/1/2013	6/1/2033	0.085P	5	\$ 450,000	-	-	6,628,122	\$ 914,566,559
NTEC	AG3-2007-093	1353206	KCPL	CSWS	50	1/1/2010	1/1/2015	6/1/2013	6/1/2018	0.125P	7	\$	-	-	9,643,902	\$ 796,494,559
NTEC	AG3-2007-093	1353207	KCPL	CSWS	50	1/1/2010	1/1/2015	6/1/2013	6/1/2018	0.125P	7	\$	-	-	9,643,902	\$ 796,494,559
NTEC	AG3-2007-093	1353208	KCPL	CSWS	50	1/1/2010	1/1/2015	6/1/2013	6/1/2018	0.125P	7	\$	-	-	9,643,902	\$ 796,494,559
NTEC	AG3-2007-093	1353209	KCPL	CSWS	50	1/1/2010	1/1/2015	6/1/2013	6/1/2018	0.125P	7	\$	-	-	9,643,902	\$ 796,494,559
NTEC	AG3-2007-093	1353210	KCPL	CSWS	50	1/1/2010	1/1/2015	6/1/2013	6/1/2018	0.125P	7	\$	-	-	9,643,902	\$ 796,494,559
NTEC	AG3-2007-094	1353211	WR	CSWS	100	1/1/2010	1/1/2015	6/1/2013	6/1/2018	0.125P	7	\$	-	-	23,598,995	\$ 792,314,559
NTEC	AG3-2007-094	1353212	WR	CSWS	100	1/1/2010	1/1/2015	6/1/2013	6/1/2018	0.125P	7	\$	-	-	23,598,995	\$ 792,314,559
NTEC	AG3-2007-096	1353214	OKGE	CSWS	100	1/1/2010	1/1/2015	6/1/2013	6/1/2018	0.125P	7	\$	-	-	11,864,517	\$ 669,689,559
NTEC	AG3-2007-097	1353215	OKGE	CSWS	75	1/1/2010	1/1/2015	6/1/2013	6/1/2018	0.125P	7	\$	-	-	8,810,132	\$ 669,689,559
OGE	AG3-2007-024	1346533	WFEC	OKGE	120	1/1/2009	1/1/2034	6/1/2013	6/1/2038	0.095P	5	\$ 2,160,000	-	-	8,392,754	\$ 665,099,559
OMPA	AG3-2007-035	1350945	OKGE	OKGE	23	5/1/2008	5/1/2017	6/1/2013	6/1/2022	0.085P	3	\$ 2,610,000	-	-	1,193,821	\$ 656,414,559
PWX	AG3-2007-014	1331353	BLKW	KCPL	52	1/1/2010	1/1/2011	6/1/2013	6/1/2014	0.125P	3	\$	-	549,120	9,804,333	\$ 659,356,559
SPRM	AG3-2007-059	1352781	WPEK	SPA	25	12/31/2008	12/31/2023	6/1/2013	6/1/2028	0.095P	3	\$ 450,000	-	-	15,191,089	\$ 915,600,559
SFSM	AG3-2007-080	1353054	WPEK	KCPL	50	10/1/2008	10/1/2010	6/1/2013	6/1/2015	0.095P	3	\$	-	880,000	-	-
SFSM	AG3-2007-080	1353055	WPEK	KCPL	50	10/1/2008	10/1/2010	6/1/2013	6/1/2015	0.095P	3	\$	-	880,000	-	-
SFSM	AG3-2007-081	1353057	WPEK	KCPL	50	6/1/2010	6/1/2012	6/1/2010	6/1/2012	0.125P	3	\$	-	836,000	4,728,877	\$ 274,474,559
SFSM	AG3-2007-081	1353059	WPEK	KCPL	50	6/1/2010	6/1/2012	6/1/2010	6/1/2012	0.125P	3	\$	-	836,000	4,728,877	\$ 274,474,559
WFEC	AG3-2007-039	1351219	OKGE	WFEC	200	2/1/2008	2/1/2016	6/1/2013	6/1/2021	0.085P	8	\$	-	-	27,055,104	\$ 661,319,559
WFEC	AG3-2007-041	1351229	CSWS	WFEC	200	2/1/2008	2/1/2016	6/1/2013	6/1/2021	0.085P	8	\$	-	-	18,491,936	\$ 784,429,559
WFEC	AG3-2007-042	1351239	WFEC	WFEC	150	5/1/2009	5/1/2039	6/1/2013	6/1/2043	0.095P	9	\$	-	-	25,482,299	\$ 657,544,559
WFEC	AG3-2007-043	1351242	WFEC	WFEC	150	5/1/2009	5/1/2039	6/1/2013	6/1/2043	0.095P	9	\$	-	-	17,619,288	\$ 658,424,559
WFEC	AG3-2007-075	1353018	WFEC	SPS	400	1/1/2013	1/1/2043	6/1/2013	6/1/2043	0.125P	2	\$	-	208,944,000	65,311,236	\$ 660,919,559
WFEC	AG3-2007-076	1353020	SPS	WFEC	350	1/1/2013	1/1/2043	6/1/2013	6/1/2043	0.125P	2	\$ 63,000,000	-	259,560,000	82,593,028	\$ 782,964,559
WRGS	AG3-2007-025	1346837	SECI	WR	96	11/1/2008	11/1/2018	6/1/2013	6/1/2023	0.095P	5	\$	-	-	57,424,042	\$ 505,486,559
WRGS	AG3-2007-026	1346842	SECI	WR	100	12/31/2008	12/31/2018	6/1/2013	6/1/2023	0.095P	5	\$	-	-	41,895,653	\$ 526,304,559
WRGS	AG3-2007-027	1346844	SECI	WR	100	6/30/2010	6/30/2020	6/1/2013	6/1/2023	0.125P	5	\$	-	-	41,895,653	\$ 526,304,559

- Note**
- 1 Grandfathered not to be studied
 - 2 Sinks outside footprint no base plan funding.
 - 3 Less than 5 year term no base plan funding
 - 4 2010 Maximum new resources capped at 10,841MW
 - 5 2009 Maximum new resources capped at 10,570MW
 - 6 Load and resource forecast unknown
 - 7 1086MW max DNR capacity for 2010. Thus 526MW of combination of new resources in this study would be eligible for base funding.
 - 8 1800MW Max DNR for 2008 with additional 357MW potential base funded from combination of new DNR's.
 - 9 1828MW Max DNR for 2009 with additional 385MW potential base funded from combination of new DNR's.
 - 10 not a new resource no base funding.

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
 AECC AG3-2007-061

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
AECC	1352801	AECC	CSWS	260	6/1/2013	6/1/2033			\$ 46,800,000	\$ -	\$ 73,913,346	\$ 678,694,559
									\$ 46,800,000	\$ -	\$ 73,913,346	\$ 678,694,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1352801	3RDST - ARKOMA 161KV CKT 1	6/1/2012	6/1/2012			\$ 441,607	\$ 1,300,000
	AVOCA - BEAVER 161KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	BENTONVILLE J STREET - BENTONVILLE MOBERLY LANE 161KV CKT 1	6/1/2017	6/1/2017			\$ 1,000,000	\$ 1,000,000
	BENTONVILLE J STREET - BENTONVILLE SHANE LANE 161KV CKT 1	6/1/2017	6/1/2017			\$ 1,000,000	\$ 1,000,000
	BENTONVILLE MOBERLY LANE - ROGERS WEST REC 161KV CKT 1	6/1/2017	6/1/2017			\$ 1,000,000	\$ 1,000,000
	BENTONVILLE SHANE LANE - EAST CENTERTON 161KV CKT 1	6/1/2017	6/1/2017			\$ 2,000,000	\$ 2,000,000
	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	CARROLL 230/138KV TRANSFORMER CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 2,980	\$ 90,000
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 1,863,158	\$ 4,000,000
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 OKGE	6/1/2017	6/1/2017			\$ 444,829	\$ 955,000
	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 SWPA	10/1/2008	10/1/2008			\$ 95,653	\$ 325,000
	DIANA (DIANA 2) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012			\$ 957,528	\$ 4,000,000
	DYESS - SOUTH SPRINGDALE 161KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	DYESS - TONTITOWN 161KV CKT 1	6/1/2017	6/1/2017			\$ 435,710	\$ 500,000
	ELM SPRINGS REC - TONTITOWN 161KV CKT 1	6/1/2017	6/1/2017			\$ 47,257	\$ 50,000
	FLINT CREEK (FLINTCK1) 345/161/13.8KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	FLINT CREEK (FLINTCK2) 345/161/13.8KV TRANSFORMER CKT 2	6/1/2017	6/1/2017			\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 19,712,824	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 19,712,824	\$ 127,000,000
	GENERAL MOTORS - SOUTHWEST SHREVEPORT 138KV CKT 1	6/1/2012	6/1/2012			\$ 511,079	\$ 5,000,000
	LOWELL 5 - TONTITOWN 161KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 18,309,114	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 1,566,105	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 74,489	\$ 5,000,000
	Mooreland 345/138 kv Transformer CKT 1	10/1/2008	6/1/2013			\$ 124,109	\$ 7,500,000
	Mooreland 345/138 kv Transformer CKT 2	10/1/2008	6/1/2013			\$ 124,109	\$ 7,500,000
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012			\$ 265,451	\$ 2,000,000
	Speartville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 2,267,365	\$ 67,000,000
	Speartville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 1,590,540	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 672	\$ 158,000
	Tuco - Tolk 345kv	10/1/2008	6/1/2013			\$ 258,598	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 107,345	\$ 10,318,679
						\$ 73,913,346	\$ 678,694,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1352801	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer **Study Number**
 AEPW 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	Total Allocated Cost	Total Cost
AEPW	1337138	CSWS	EES	22	1/1/2009	1/1/2010	6/1/2013	6/1/2014	\$ -	\$ -	\$ 2,337,019	\$ 381,100,000
									\$ -	\$ -	\$ 2,337,019	\$ 381,100,000

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1337138	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 589,984	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 589,984	\$ 127,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 1,155,510	\$ 127,000,000
	OKMULGEE - RIVERSIDE STATION 138KV CKT 1	6/1/2012	6/1/2012			\$ 1,541	\$ 100,000
						\$ 2,337,019	\$ 381,100,000

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1337138	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
 AEPM AG3-2007-028

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispach	Deferred Stop Date Without Redispach	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost	
AEPM	1347943	CWSWS	EES	12	1/1/2009	1/1/2014	6/1/2013	6/1/2018	\$ -	\$ 594,000	\$ 1,122,869	\$ 381,635,000	
AEPM	1347944	CWSWS	EES	21	1/1/2009	1/1/2014	6/1/2013	6/1/2018	\$ -	\$ 1,080,000	\$ 2,204,965	\$ 381,735,000	
AEPM	1347947	CWSWS	EES	20	1/1/2009	1/1/2014	6/1/2013	6/1/2018	\$ -	\$ 1,026,000	\$ 2,051,038	\$ 381,635,000	
AEPM	1347949	CWSWS	EES	18	1/1/2009	1/1/2014	6/1/2013	6/1/2018	\$ -	\$ 918,000	\$ 1,899,212	\$ 381,735,000	
AEPM	1347953	CWSWS	EES	10	1/1/2009	1/1/2014	6/1/2013	6/1/2018	\$ -	\$ 486,000	\$ 969,049	\$ 381,735,000	
AEPM	1347955	CWSWS	EES	27	1/1/2009	1/1/2014	6/1/2013	6/1/2018	\$ -	\$ 1,350,000	\$ 2,617,753	\$ 381,635,000	
										\$ -	\$ 4,860,000	\$ 9,742,017	\$ 1,908,475,000

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispach Available	Allocated E & C Cost	Total E & C Cost
1347943	DYESS - TONTITOWN 161KV CKT 1	6/1/2017	6/1/2017			\$ 6,836	\$ 500,000
	ELM SPRINGS REC - TONTITOWN 161KV CKT 1	6/1/2017	6/1/2017			\$ 292	\$ 50,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 278,219	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 278,219	\$ 127,000,000
	LOWELL 5 - TONTITOWN 161KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 552,383	\$ 127,000,000
	SAND SPRINGS - SAPULPA ROAD 138KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	SAND SPRINGS - SHEFFIELD 138KV CKT 1	6/1/2017	6/1/2017			\$ 6,920	\$ 85,000
Total						\$ 1,122,869	\$ 381,635,000
1347944	BAYOU VISTA - BERWICK EQUILON TAP 138KV CKT 1	6/1/2008	6/1/2012			\$ -	\$ -
	BAYOU WAREHOUSE - IVANKHOE 138KV CKT 1	6/1/2012	6/1/2012			\$ -	\$ -
	BERWICK EQUILON TAP - RAMOS 138KV CKT 1	6/1/2008	6/1/2012			\$ -	\$ -
	DYESS - TONTITOWN 161KV CKT 1	6/1/2017	6/1/2017			\$ 13,081	\$ 500,000
	ELM SPRINGS REC - TONTITOWN 161KV CKT 1	6/1/2017	6/1/2017			\$ 558	\$ 50,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 586,724	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 586,724	\$ 127,000,000
	LOWELL 5 - TONTITOWN 161KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 1,002,952	\$ 127,000,000
	OKMULGEE - RIVERSIDE STATION 138KV CKT 1	6/1/2012	6/1/2012			\$ 1,733	\$ 100,000
	SAND SPRINGS - SAPULPA ROAD 138KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	SAND SPRINGS - SHEFFIELD 138KV CKT 1	6/1/2017	6/1/2017			\$ 13,193	\$ 85,000
Total						\$ 2,204,965	\$ 381,735,000
1347947	DYESS - TONTITOWN 161KV CKT 1	6/1/2017	6/1/2017			\$ 11,963	\$ 500,000
	ELM SPRINGS REC - TONTITOWN 161KV CKT 1	6/1/2017	6/1/2017			\$ 510	\$ 50,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 496,877	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 496,877	\$ 127,000,000
	LOWELL 5 - TONTITOWN 161KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 1,032,733	\$ 127,000,000
	SAND SPRINGS - SAPULPA ROAD 138KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	SAND SPRINGS - SHEFFIELD 138KV CKT 1	6/1/2017	6/1/2017			\$ 12,078	\$ 85,000
Total						\$ 2,051,038	\$ 381,635,000
1347949	BAYOU VISTA - BERWICK EQUILON TAP 138KV CKT 1	6/1/2008	6/1/2012			\$ -	\$ -
	BERWICK EQUILON TAP - RAMOS 138KV CKT 1	6/1/2008	6/1/2012			\$ -	\$ -
	COLFAX - RODEMACHER 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	DYESS - TONTITOWN 161KV CKT 1	6/1/2017	6/1/2017			\$ 10,777	\$ 500,000
	ELM SPRINGS REC - TONTITOWN 161KV CKT 1	6/1/2017	6/1/2017			\$ 460	\$ 50,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 553,988	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 553,988	\$ 127,000,000
	LOWELL 5 - TONTITOWN 161KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 767,678	\$ 127,000,000
	OKMULGEE - RIVERSIDE STATION 138KV CKT 1	6/1/2012	6/1/2012			\$ 1,512	\$ 100,000
	SAND SPRINGS - SAPULPA ROAD 138KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	SAND SPRINGS - SHEFFIELD 138KV CKT 1	6/1/2017	6/1/2017			\$ 10,809	\$ 85,000
Total						\$ 1,899,212	\$ 381,735,000
1347953	BAYOU VISTA - BERWICK EQUILON TAP 138KV CKT 1	6/1/2008	6/1/2012			\$ -	\$ -
	BERWICK EQUILON TAP - RAMOS 138KV CKT 1	6/1/2008	6/1/2012			\$ -	\$ -
	DYESS - TONTITOWN 161KV CKT 1	6/1/2017	6/1/2017			\$ 5,692	\$ 500,000
	ELM SPRINGS REC - TONTITOWN 161KV CKT 1	6/1/2017	6/1/2017			\$ 242	\$ 50,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 264,761	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 264,761	\$ 127,000,000
	LOWELL 5 - TONTITOWN 161KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 427,123	\$ 127,000,000
	OKMULGEE - RIVERSIDE STATION 138KV CKT 1	6/1/2012	6/1/2012			\$ 757	\$ 100,000
	SAND SPRINGS - SAPULPA ROAD 138KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	SAND SPRINGS - SHEFFIELD 138KV CKT 1	6/1/2017	6/1/2017			\$ 5,723	\$ 85,000
Total						\$ 969,049	\$ 381,735,000
1347955	DYESS - TONTITOWN 161KV CKT 1	6/1/2017	6/1/2017			\$ 15,951	\$ 500,000
	ELM SPRINGS REC - TONTITOWN 161KV CKT 1	6/1/2017	6/1/2017			\$ 681	\$ 50,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 648,122	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 648,122	\$ 127,000,000
	LOWELL 5 - TONTITOWN 161KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 1,288,730	\$ 127,000,000
	SAND SPRINGS - SAPULPA ROAD 138KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	SAND SPRINGS - SHEFFIELD 138KV CKT 1	6/1/2017	6/1/2017			\$ 16,147	\$ 85,000
Total						\$ 2,617,753	\$ 381,635,000

Table 2 - 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	COD	EOC	Earliest Service Start Date	Redispatch Available
1347943	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
1347944	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
1347947	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		
1347949	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
1347953	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
1347955	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
 AEPM AG3-2007-051

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
AEPM	1352720	CSWS	CSWS	50	1/1/2009	1/1/2011	6/1/2013	6/1/2015	\$ -	\$ -	\$ 3,814,456	\$ 667,179,559
AEPM	1352728	CSWS	CSWS	100	1/1/2009	1/1/2011	6/1/2013	6/1/2015	\$ -	\$ -	\$ 7,628,911	\$ 667,179,559
									\$ -	\$ -	\$ 11,443,367	\$ 1,334,359,118

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1352720	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 939	\$ 90,000
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	DIANA (DIANA 2) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012			\$ 46,570	\$ 4,000,000
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 1,428,096	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 1,428,096	\$ 127,000,000
	GENERAL MOTORS - SOUTHWEST SHREVEPORT 138KV CKT 1	6/1/2012	6/1/2012			\$ 94,595	\$ 5,000,000
	LINWOOD - POWELL STREET 138KV CKT 1	6/1/2009	6/1/2012			\$ 37,436	\$ 500,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 496,191	\$ 127,000,000
	Mooreland - TUCO 345 KV SPS	4/1/2008	6/1/2013			\$ 109,816	\$ 105,122,880
	Mooreland - TUCO 345 KV WFEC	10/1/2008	6/1/2013			\$ 5,223	\$ 5,000,000
	Mooreland 345/138 kv Transformer CKT 1	10/1/2008	6/1/2013			\$ 1,312	\$ 7,500,000
	Mooreland 345/138 kv Transformer CKT 2	10/1/2008	6/1/2013			\$ 1,312	\$ 7,500,000
	OKMULGEE - RIVERSIDE STATION 138KV CKT 1	6/1/2012	6/1/2012			\$ 4,466	\$ 100,000
	SOUTH SHREVEPORT - SOUTHWEST SHREVEPORT TAP 138KV CKT 1	6/1/2009	6/1/2012			\$ 1,603	\$ 15,000
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012			\$ 28,722	\$ 2,000,000
	Spearville - Mooreland 345 kv SUNC	10/1/2008	6/1/2013			\$ 73,938	\$ 67,000,000
	Spearville - Mooreland 345 kv WFEC	10/1/2008	6/1/2013			\$ 51,867	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 7	\$ 158,000
	Tuco - Toik 345KV	10/1/2008	6/1/2013			\$ 2,826	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 1,441	\$ 10,318,679
					Total	\$ 3,814,456	\$ 667,179,559
1352728	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 1,878	\$ 90,000
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	DIANA (DIANA 2) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012			\$ 93,139	\$ 4,000,000
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 2,856,193	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 2,856,193	\$ 127,000,000
	GENERAL MOTORS - SOUTHWEST SHREVEPORT 138KV CKT 1	6/1/2012	6/1/2012			\$ 189,189	\$ 5,000,000
	LINWOOD - POWELL STREET 138KV CKT 1	6/1/2009	6/1/2012			\$ 74,872	\$ 500,000
	MCNEIL - NW TEXARKANA 345 kv CKT1	4/1/2008	6/1/2013			\$ 992,382	\$ 127,000,000
	Mooreland - TUCO 345 kv SPS	4/1/2008	6/1/2013			\$ 219,632	\$ 105,122,880
	Mooreland - TUCO 345 kv WFEC	10/1/2008	6/1/2013			\$ 10,446	\$ 5,000,000
	Mooreland 345/138 kv Transformer CKT 1	10/1/2008	6/1/2013			\$ 2,624	\$ 7,500,000
	Mooreland 345/138 kv Transformer CKT 2	10/1/2008	6/1/2013			\$ 2,624	\$ 7,500,000
	OKMULGEE - RIVERSIDE STATION 138KV CKT 1	6/1/2012	6/1/2012			\$ 8,932	\$ 100,000
	SOUTH SHREVEPORT - SOUTHWEST SHREVEPORT TAP 138KV CKT 1	6/1/2009	6/1/2012			\$ 3,205	\$ 15,000
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012			\$ 57,444	\$ 2,000,000
	Spearville - Mooreland 345 kv SUNC	10/1/2008	6/1/2013			\$ 147,876	\$ 67,000,000
	Spearville - Mooreland 345 kv WFEC	10/1/2008	6/1/2013			\$ 103,734	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 14	\$ 158,000
	Tuco - Toik 345KV	10/1/2008	6/1/2013			\$ 5,651	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 2,883	\$ 10,318,679
					Total	\$ 7,628,911	\$ 667,179,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1352720	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
1352728	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
 AEPM AG3-2007-052

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
AEPM	1352758	CSWS	CSWS	150	1/1/2011	1/1/2012			\$ -	\$ -	\$ 10,447,482	\$ 655,474,559
AEPM	1352762	CSWS	CSWS	100	1/1/2011	1/1/2012			\$ -	\$ -	\$ 6,964,988	\$ 655,474,559
									\$ -	\$ -	\$ 17,412,470	\$ 1,310,949,118

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	
1352758	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -	
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -	
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -	
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 4,197,188	\$ 127,000,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 4,197,188	\$ 127,000,000	
	MCNEIL - NW TEXARKANA 345 KV CKT 1	4/1/2008	6/1/2013			\$ 1,403,336	\$ 127,000,000	
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 311,640	\$ 105,122,880	
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 14,823	\$ 5,000,000	
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 6,351	\$ 7,500,000	
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 6,351	\$ 7,500,000	
	Spearville - Mooreland 345 KV SUNC	10/1/2008	6/1/2013			\$ 171,633	\$ 67,000,000	
	Spearville - Mooreland 345 KV WFEC	10/1/2008	6/1/2013			\$ 120,399	\$ 47,000,000	
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 29	\$ 158,000	
	Tuco - Toik 345KV	10/1/2008	6/1/2013			\$ 12,546	\$ 24,875,000	
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 5,988	\$ 10,318,679	
						Total	\$ 10,447,482	\$ 655,474,559
	1352762	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
		CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
		CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
		FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 2,798,126	\$ 127,000,000
FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE		4/1/2008	6/1/2013			\$ 2,798,126	\$ 127,000,000	
MCNEIL - NW TEXARKANA 345 KV CKT 1		4/1/2008	6/1/2013			\$ 935,557	\$ 127,000,000	
Mooreland - TUCO 345 kV SPS		4/1/2008	6/1/2013			\$ 207,760	\$ 105,122,880	
Mooreland - TUCO 345 kV WFEC		10/1/2008	6/1/2013			\$ 9,882	\$ 5,000,000	
Mooreland 345/138 kV Transformer CKT 1		10/1/2008	6/1/2013			\$ 4,234	\$ 7,500,000	
Mooreland 345/138 kV Transformer CKT 2		10/1/2008	6/1/2013			\$ 4,234	\$ 7,500,000	
Spearville - Mooreland 345 KV SUNC		10/1/2008	6/1/2013			\$ 114,422	\$ 67,000,000	
Spearville - Mooreland 345 KV WFEC		10/1/2008	6/1/2013			\$ 80,266	\$ 47,000,000	
STANTON SUB - TUCO INTERCHANGE 115KV CKT 1		10/1/2008	6/1/2013			\$ 19	\$ 158,000	
Tuco - Toik 345KV		10/1/2008	6/1/2013			\$ 8,364	\$ 24,875,000	
TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 3,998	\$ 10,318,679		
					Total	\$ 6,964,988	\$ 655,474,559	

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1352758	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
1352762	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
 AEPM AG3-2007-053

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
AEPM	1352759	CSWS	CSWS	150	1/1/2012	1/1/2013	6/1/2013	6/1/2014	\$ -	\$ -	\$ 10,660,334	\$ 666,664,559
AEPM	1352761	CSWS	CSWS	100	1/1/2012	1/1/2013	6/1/2013	6/1/2014	\$ -	\$ -	\$ 7,106,888	\$ 666,664,559
									\$ -	\$ -	\$ 17,767,222	\$ 1,333,329,118

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1352759	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 2,880	\$ 90,000
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	DIANA (DIANA 2) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012			\$ 125,128	\$ 4,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 4,144,991	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 4,144,991	\$ 127,000,000
	GENERAL MOTORS - SOUTHWEST SHREVEPORT 138KV CKT 1	6/1/2012	6/1/2012			\$ 276,614	\$ 5,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 1,374,045	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 264,308	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 12,571	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 6,388	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 6,388	\$ 7,500,000
	OKMULGEE - RIVERSIDE STATION 138KV CKT 1	6/1/2012	6/1/2012			\$ 15,324	\$ 100,000
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012			\$ 83,757	\$ 2,000,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 108,361	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 76,015	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 29	\$ 158,000
	Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 12,546	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 5,998	\$ 10,318,679
					Total	\$ 10,660,334	\$ 666,664,559
1352761	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 1,920	\$ 90,000
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	DIANA (DIANA 2) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012			\$ 83,419	\$ 4,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 2,763,327	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 2,763,327	\$ 127,000,000
	GENERAL MOTORS - SOUTHWEST SHREVEPORT 138KV CKT 1	6/1/2012	6/1/2012			\$ 184,409	\$ 5,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 916,030	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 176,206	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 8,381	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 4,258	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 4,258	\$ 7,500,000
	OKMULGEE - RIVERSIDE STATION 138KV CKT 1	6/1/2012	6/1/2012			\$ 10,216	\$ 100,000
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012			\$ 55,838	\$ 2,000,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 72,241	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 50,677	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 19	\$ 158,000
	Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 8,364	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 3,998	\$ 10,318,679
					Total	\$ 7,106,888	\$ 666,664,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1352759	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
1352761	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		

Table 2 - 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	Total Allocated Cost	Total Cost
AEPM	1352732	CSWS	CSWS	100	1/1/2010	1/1/2011	6/1/2013	6/1/2014	\$ -	\$ -	\$ 7,550,834	\$ 666,664,559
											\$ -	\$ -

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	
1352732	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -	
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -	
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 1,878	\$ 90,000	
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -	
	DIANA (DIANA 2) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012			\$ 93,139	\$ 4,000,000	
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012			\$ -	\$ -	
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 2,856,193	\$ 127,000,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 2,856,193	\$ 127,000,000	
	GENERAL MOTORS - SOUTHWEST SHREVEPORT 138KV CKT 1	6/1/2012	6/1/2012			\$ 189,189	\$ 5,000,000	
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 992,382	\$ 127,000,000	
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 219,632	\$ 105,122,880	
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 10,446	\$ 5,000,000	
	Mooreland 345/138 kv Transformer CKT 1	10/1/2008	6/1/2013			\$ 2,524	\$ 7,500,000	
	Mooreland 345/138 kv Transformer CKT 2	10/1/2008	6/1/2013			\$ 2,524	\$ 7,500,000	
	OKMULGEE - RIVERSIDE STATION 138KV CKT 1	6/1/2012	6/1/2012			\$ 8,932	\$ 100,000	
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012			\$ 57,444	\$ 2,000,000	
	Speanville - Mooreland 345 kv SUNC	10/1/2008	6/1/2013			\$ 147,876	\$ 67,000,000	
	Speanville - Mooreland 345 kv WFEC	10/1/2008	6/1/2013			\$ 103,734	\$ 47,000,000	
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 14	\$ 158,000	
	Tuco - Tolk 345kv	10/1/2008	6/1/2013			\$ 5,651	\$ 24,875,000	
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 2,883	\$ 10,318,679	
						Total	\$ 7,550,834	\$ 666,664,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1352732	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
 AEPM AG3-2007-055

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
AEPM	1352740	CSWS	CSWS	100	1/1/2009	1/1/2011	6/1/2013	6/1/2015	-	-	\$ 7,395,103	\$ 667,179,559
											\$	\$
											-	-
											\$	\$
											-	-
											\$	\$
											7,395,103	667,179,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	
1352740	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -	
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -	
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 2,149	\$ 90,000	
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -	
	DIANA (DIANA 2) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012			\$ 93,426	\$ 4,000,000	
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012			\$ -	\$ -	
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 2,798,126	\$ 127,000,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 2,798,126	\$ 127,000,000	
	GENERAL MOTORS - SOUTHWEST SHREVEPORT 138KV CKT 1	6/1/2012	6/1/2012			\$ 188,770	\$ 5,000,000	
	LINWOOD - POWELL STREET 138KV CKT 1	6/1/2009	6/1/2012			\$ 74,900	\$ 500,000	
	MCNEIL - NW TEXARKANA 345 KV CKT 1	4/1/2008	6/1/2013			\$ 935,557	\$ 127,000,000	
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 207,760	\$ 105,122,880	
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 9,882	\$ 5,000,000	
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 4,234	\$ 7,500,000	
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 4,234	\$ 7,500,000	
	OKMULGEE - RIVERSIDE STATION 138KV CKT 1	6/1/2012	6/1/2012			\$ 10,216	\$ 100,000	
	SOUTH SHREVEPORT - SOUTHWEST SHREVEPORT TAP 138KV CKT 1	6/1/2009	6/1/2012			\$ 3,210	\$ 15,000	
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012			\$ 57,444	\$ 2,000,000	
	Spearville - Mooreland 345 kV SJUNC	10/1/2008	6/1/2013			\$ 114,422	\$ 67,000,000	
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 80,266	\$ 47,000,000	
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 19	\$ 158,000	
	Tuco - Tolk 345KV	10/1/2008	6/1/2013			\$ 8,364	\$ 24,875,000	
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 3,998	\$ 10,318,679	
						Total	\$ 7,395,103	\$ 667,179,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1352740	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
 AEPM AG3-2007-056

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
AEPM	1352753	CSWS	CSWS	150	1/1/2010	1/1/2011	6/1/2013	6/1/2014	\$ -	\$ -	\$ 10,975,460	\$ 666,664,559
											\$ -	\$ 666,664,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	
1352753	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -	
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -	
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 3,223	\$ 90,000	
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -	
	DIANA (DIANA 2) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012			\$ 140,110	\$ 4,000,000	
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012			\$ -	\$ -	
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 4,197,188	\$ 127,000,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 4,197,188	\$ 127,000,000	
	GENERAL MOTORS - SOUTHWEST SHREVEPORT 138KV CKT 1	6/1/2012	6/1/2012			\$ 283,155	\$ 5,000,000	
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 1,403,336	\$ 127,000,000	
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 311,640	\$ 105,122,880	
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 14,823	\$ 5,000,000	
	Mooreland 345/138 kv Transformer CKT 1	10/1/2008	6/1/2013			\$ 6,351	\$ 7,500,000	
	Mooreland 345/138 kv Transformer CKT 2	10/1/2008	6/1/2013			\$ 6,351	\$ 7,500,000	
	OKMULGEE - RIVERSIDE STATION 138KV CKT 1	6/1/2012	6/1/2012			\$ 15,324	\$ 100,000	
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012			\$ 86,166	\$ 2,000,000	
	Speanville - Mooreland 345 kv SUNC	10/1/2008	6/1/2013			\$ 171,633	\$ 67,000,000	
	Speanville - Mooreland 345 kv WFEC	10/1/2008	6/1/2013			\$ 120,399	\$ 47,000,000	
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 29	\$ 158,000	
	Tuco - Tolk 345kv	10/1/2008	6/1/2013			\$ 12,546	\$ 24,875,000	
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 5,998	\$ 10,318,679	
						Total	\$ 10,975,460	\$ 666,664,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1352753	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
 AEPM AG3-2007-058

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
AEPM	1352768	CLEC	CSWS	240	1/1/2010	1/1/2011	6/1/2013	6/1/2014	-	-	\$ 22,215,140	\$ 673,189,559
									\$	-	\$	-

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1352768	3RDST - ARKOMA 161KV CKT 1	6/1/2012	6/1/2012			\$ 288,275	\$ 1,300,000
	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	CARROLL 230/138KV TRANSFORMER CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 980	\$ 90,000
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	COLFAX - RODEMACHER 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 SWPA	10/1/2008	10/1/2008			\$ 63,302	\$ 325,000
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	EAST LEESVILLE - RODEMACHER 230KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 3,240,526	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 3,240,526	\$ 127,000,000
	FT SMITH 500 (FTSMITH3) 500/161/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012			\$ 2,356,429	\$ 9,000,000
	GENERAL MOTORS - SOUTHWEST SHREVEPORT 138KV CKT 1	6/1/2012	6/1/2012			\$ 640,828	\$ 5,000,000
	LEESVILLE 230/138KV TRANSFORMER CKT 1	6/1/2009	6/1/2009			\$ -	\$ -
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 10,550,414	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 400,399	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 19,044	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 37,910	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 37,910	\$ 7,500,000
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012			\$ 123,315	\$ 2,000,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 684,593	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 480,237	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 92	\$ 158,000
	Tuco - Toik 345kV	10/1/2008	6/1/2013			\$ 36,077	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 14,283	\$ 10,318,679
Total						\$ 22,215,140	\$ 673,189,559

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
 AEPM AG3-2007-060

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
AEPM	1352782	EES	CSWS	225	1/1/2009	1/1/2010	6/1/2013	6/1/2014	\$ -	\$ -	\$ 21,677,113	\$ 673,689,559
											\$ -	\$ 673,689,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	
1352782	3RDST - ARKOMA 161KV CKT 1	6/1/2012	6/1/2012			\$ 276,322	\$ 1,300,000	
	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -	
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -	
	CARROLL 230/138KV TRANSFORMER CKT 1	6/1/2009	6/1/2012			\$ -	\$ -	
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 885	\$ 90,000	
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -	
	COLFAX - RODEMACHER 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -	
	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 SWPA	10/1/2008	10/1/2008			\$ 61,674	\$ 325,000	
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012			\$ -	\$ -	
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 3,329,954	\$ 127,000,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 3,329,954	\$ 127,000,000	
	FT SMITH 500 (FTSMITH3) 500/161/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012			\$ 2,236,468	\$ 9,000,000	
	GENERAL MOTORS - SOUTHWEST SHREVEPORT 138KV CKT 1	6/1/2009	6/1/2012			\$ 565,116	\$ 5,000,000	
	LINWOOD - POWELL STREET 138KV CKT 1	6/1/2009	6/1/2012			\$ 153,543	\$ 500,000	
	MCNEIL - NW TEXARKANA 345 KV CKT 1	4/1/2008	6/1/2013			\$ 10,084,334	\$ 127,000,000	
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 356,395	\$ 105,122,880	
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 16,951	\$ 5,000,000	
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 33,925	\$ 7,500,000	
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 33,925	\$ 7,500,000	
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012			\$ 115,558	\$ 2,000,000	
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 611,261	\$ 67,000,000	
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 428,795	\$ 47,000,000	
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 75	\$ 158,000	
	Tuco - Tolk 345KV	10/1/2008	6/1/2013			\$ 30,262	\$ 24,875,000	
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 11,716	\$ 10,318,679	
						Total	\$ 21,677,113	\$ 673,689,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1352782	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		

Table 2 - 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	Total Allocated Cost	Total Cost
AEPM	1352923	CSWS	CSWS	50	1/1/2009	1/1/2011	6/1/2013	6/1/2015	\$ -	\$ -	\$ 4,179,950	\$ 667,314,559
									\$ -	\$ -	\$ 4,179,950	\$ 667,314,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1352923	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 SWPA	10/1/2008	10/1/2008			\$ 9,115	\$ 325,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 1,508,908	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 1,508,908	\$ 127,000,000
	FT SMITH 500 (FTSMITH3) 500/161/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012			\$ 352,994	\$ 9,000,000
	LINWOOD - POWELL STREET 138KV CKT 1	6/1/2009	6/1/2012			\$ 35,041	\$ 500,000
	MCNEIL - NW TEXARKANA 345 KV CKT 1	4/1/2008	6/1/2013			\$ 539,444	\$ 127,000,000
	Mooreland - TUCO 345 KV SPS	4/1/2008	6/1/2013			\$ 41,552	\$ 105,122,880
	Mooreland - TUCO 345 KV WFEC	10/1/2008	6/1/2013			\$ 1,976	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 5,174	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 5,174	\$ 7,500,000
	SOUTH SHREVEPORT - SOUTHWEST SHREVEPORT TAP 138KV CKT 1	6/1/2009	6/1/2012			\$ 1,856	\$ 15,000
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012			\$ 18,880	\$ 2,000,000
	Spearville - Mooreland 345 KV SUNC	10/1/2008	6/1/2013			\$ 85,412	\$ 67,000,000
	Spearville - Mooreland 345 KV WFEC	10/1/2008	6/1/2013			\$ 59,916	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 10	\$ 158,000
	Tuco - Talk 345KV	10/1/2008	6/1/2013			\$ 3,730	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 1,860	\$ 10,318,679
					Total	\$ 4,179,950	\$ 667,314,559

Table 2 - 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	Total Allocated Cost	Total Cost
AEPM	1352934	CSWS	CSWS	54	6/1/2010	6/1/2015	6/1/2013	6/1/2018	\$ -	\$ -	\$ 2,317,404	\$ 669,754,559
									\$ -	\$ -	\$ 2,317,404	\$ 669,754,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1352934	ARSENAL HILL (ARSHILL1) 138/69/12.47KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	ARSENAL HILL (ARSHILL2) 138/69/14.5KV TRANSFORMER CKT 2	6/1/2017	6/1/2017			\$ -	\$ -
	AVOCA - BEAVER 161KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 140,329	\$ 4,000,000
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 OKGE	6/1/2017	6/1/2017			\$ 33,504	\$ 955,000
	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 SWPA	10/1/2008	10/1/2008			\$ 5,932	\$ 325,000
	FLINT CREEK (FLINTCK1) 345/161/13.8KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	FLINT CREEK (FLINTCK2) 345/161/13.8KV TRANSFORMER CKT 2	6/1/2017	6/1/2017			\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 841,387	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 841,387	\$ 127,000,000
	FT SMITH 500 (FTSMITH3) 500/161/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012			\$ 229,166	\$ 9,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 92,501	\$ 127,000,000
	Mooreland - TUCO 345 kv SPS	4/1/2008	6/1/2013			\$ 28,305	\$ 105,122,880
	Mooreland - TUCO 345 kv WFEC	10/1/2008	6/1/2013			\$ 1,346	\$ 5,000,000
	Mooreland 345/138 kv Transformer CKT 1	10/1/2008	6/1/2013			\$ 3,290	\$ 7,500,000
	Mooreland 345/138 kv Transformer CKT 2	10/1/2008	6/1/2013			\$ 3,290	\$ 7,500,000
	Spearville - Mooreland 345 kv SUNC	10/1/2008	6/1/2013			\$ 55,466	\$ 67,000,000
	Spearville - Mooreland 345 kv WFEC	10/1/2008	6/1/2013			\$ 38,909	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 4	\$ 158,000
	Tuco - Tolk 345kv	10/1/2008	6/1/2013			\$ 1,695	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 893	\$ 10,318,679
Total						\$ 2,317,404	\$ 669,754,559

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
 AEPM AG3-2007-098

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	Total Allocated Cost	Total Cost		
AEPM	1353350	SPS	CSWS	42	1/1/2009	1/1/2014	6/1/2013	6/1/2018	\$ -	\$ -	\$ 4,471,515	\$ 666,944,559		
AEPM	1353352	SPS	CSWS	22	1/1/2009	1/1/2014	6/1/2013	6/1/2018	\$ -	\$ -	\$ 2,342,220	\$ 666,944,559		
AEPM	1353353	SPS	CSWS	21	1/1/2009	1/1/2014	6/1/2013	6/1/2018	\$ -	\$ -	\$ 2,235,758	\$ 666,944,559		
											\$	\$	\$ 9,049,493	\$ 2,000,833,677

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	
1353350	CARLISLE INTERCHANGE - DOUD SUB 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -	
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -	
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -	
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 54,862	\$ 4,000,000	
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 OKGE	6/1/2017	6/1/2017			\$ 13,098	\$ 955,000	
	DIANA (DIANA 2) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012			\$ 35,525	\$ 4,000,000	
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012			\$ -	\$ -	
	DOUD SUB - SOUTH PLAINS REC-YUMA 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -	
	FLINT CREEK (FLINTCK1) 345/161/13.8KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			\$ -	\$ -	
	FLINT CREEK (FLINTCK2) 345/161/13.8KV TRANSFORMER CKT 2	6/1/2017	6/1/2017			\$ -	\$ -	
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 635,502	\$ 127,000,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 635,502	\$ 127,000,000	
	LINWOOD - POWELL STREET 138KV CKT 1	6/1/2009	6/1/2012			\$ 24,742	\$ 500,000	
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 367,673	\$ 127,000,000	
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 1,416,093	\$ 105,122,880	
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 67,354	\$ 5,000,000	
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 43,081	\$ 7,500,000	
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 43,081	\$ 7,500,000	
	SOUTH PLAINS REC-YUMA - WOLFFORTH INTERCHANGE 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -	
	SOUTH SHREVEPORT - SOUTHWEST SHREVEPORT TAP 138KV CKT 1	6/1/2009	6/1/2012			\$ 1,058	\$ 15,000	
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012			\$ 21,745	\$ 2,000,000	
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 188,428	\$ 67,000,000	
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 132,181	\$ 47,000,000	
STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 1,354	\$ 158,000		
Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 541,965	\$ 24,875,000		
TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 248,271	\$ 10,318,679		
						Total	\$ 4,471,515	\$ 666,944,559
1353352	CARLISLE INTERCHANGE - DOUD SUB 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -	
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -	
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -	
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 28,737	\$ 4,000,000	
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 OKGE	6/1/2017	6/1/2017			\$ 6,861	\$ 955,000	
	DIANA (DIANA 2) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012			\$ 18,608	\$ 4,000,000	
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012			\$ -	\$ -	
	DOUD SUB - SOUTH PLAINS REC-YUMA 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -	
	FLINT CREEK (FLINTCK1) 345/161/13.8KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			\$ -	\$ -	
	FLINT CREEK (FLINTCK2) 345/161/13.8KV TRANSFORMER CKT 2	6/1/2017	6/1/2017			\$ -	\$ -	
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 332,882	\$ 127,000,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 332,882	\$ 127,000,000	
	LINWOOD - POWELL STREET 138KV CKT 1	6/1/2009	6/1/2012			\$ 12,960	\$ 500,000	
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 192,591	\$ 127,000,000	
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 741,763	\$ 105,122,880	
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 35,281	\$ 5,000,000	
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 22,566	\$ 7,500,000	
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 22,566	\$ 7,500,000	
	SOUTH PLAINS REC-YUMA - WOLFFORTH INTERCHANGE 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -	
	SOUTH SHREVEPORT - SOUTHWEST SHREVEPORT TAP 138KV CKT 1	6/1/2009	6/1/2012			\$ 554	\$ 15,000	
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012			\$ 11,390	\$ 2,000,000	
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 98,700	\$ 67,000,000	
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 69,238	\$ 47,000,000	
STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 709	\$ 158,000		
Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 283,886	\$ 24,875,000		
TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 130,046	\$ 10,318,679		
						Total	\$ 2,342,220	\$ 666,944,559

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

1353353	CARLISLE INTERCHANGE - DOUD SUB 115KV CKT 1	1/1/2013	1/1/2013		\$ -	\$ -
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 AEPW	6/1/2017	6/1/2017		\$ 27,431	\$ 4,000,000
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 OKGE	6/1/2017	6/1/2017		\$ 6,549	\$ 955,000
	DIANA (DIANA 2) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012		\$ 17,763	\$ 4,000,000
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	DOUD SUB - SOUTH PLAINS REC-YUMA 115KV CKT 1	1/1/2013	1/1/2013		\$ -	\$ -
	FLINT CREEK (FLINTCK1) 345/161/13.8KV TRANSFORMER CKT 1	6/1/2017	6/1/2017		\$ -	\$ -
	FLINT CREEK (FLINTCK2) 345/161/13.8KV TRANSFORMER CKT 2	6/1/2017	6/1/2017		\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013		\$ 317,751	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013		\$ 317,751	\$ 127,000,000
	LINWOOD - POWELL STREET 138KV CKT 1	6/1/2009	6/1/2012		\$ 12,371	\$ 500,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013		\$ 183,837	\$ 127,000,000
	Mooreland - TUCO 345 KV SPS	4/1/2008	6/1/2013		\$ 708,047	\$ 105,122,880
	Mooreland - TUCO 345 KV WFEC	10/1/2008	6/1/2013		\$ 33,677	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013		\$ 21,541	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013		\$ 21,541	\$ 7,500,000
	SOUTH PLAINS REC-YUMA - WOLFFORTH INTERCHANGE 115KV CKT 1	1/1/2013	1/1/2013		\$ -	\$ -
	SOUTH SHREVEPORT - SOUTHWEST SHREVEPORT TAP 138KV CKT 1	6/1/2009	6/1/2012		\$ 529	\$ 15,000
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012		\$ 10,872	\$ 2,000,000
	Spearville - Mooreland 345 KV SUNC	10/1/2008	6/1/2013		\$ 94,214	\$ 67,000,000
	Spearville - Mooreland 345 KV WFEC	10/1/2008	6/1/2013		\$ 66,090	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013		\$ 677	\$ 158,000
	Tuco - Talk 345KV	10/1/2008	6/1/2013		\$ 270,982	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013		\$ 124,135	\$ 10,318,679
				Total	\$ 2,235,758	\$ 666,944,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1353350	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
1353352	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
1353353	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		

Table 2 - 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	Total Allocated Cost	Total Cost
CMLP	1352181	GRDA	CSWS	115	6/1/2008	6/1/2042	6/1/2013	6/1/2047	\$ 2,880,000	\$ -	\$ 779,172	\$ 382,150,000
CMLP	1352193	GRDA	CSWS	197	6/1/2008	6/1/2042	6/1/2013	6/1/2047	\$ 2,880,000	\$ -	\$ 1,359,057	\$ 382,150,000
									\$ 5,760,000	\$ -	\$ 2,138,229	\$ 764,300,000

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1352181	ALTAMONT 138KV Capacitor	6/1/2010	6/1/2010			\$ 355,712	\$ 1,000,000
	COFFEYVILLE FARMLAND (COFAUTO1) 138/69/13.8KV TRANSFORMER CKT 1	6/1/2008	6/1/2008			\$ -	\$ -
	COFFEYVILLE FARMLAND (COFAUTO2) 138/69/13.8KV TRANSFORMER CKT 2	6/1/2008	6/1/2008			\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 163,875	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 163,875	\$ 127,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 64,235	\$ 127,000,000
	SUB 271 - BAXTER SPRINGS WEST - SUB 404 - HOCKERVILLE 69KV CKT 1 Displacement	6/1/2011	6/1/2011			\$ 31,475	\$ 150,000
					Total	\$ 779,172	\$ 382,150,000
1352193	ALTAMONT 138KV Capacitor	6/1/2010	6/1/2010			\$ 644,288	\$ 1,000,000
	COFFEYVILLE FARMLAND (COFAUTO1) 138/69/13.8KV TRANSFORMER CKT 1	6/1/2008	6/1/2008			\$ -	\$ -
	COFFEYVILLE FARMLAND (COFAUTO2) 138/69/13.8KV TRANSFORMER CKT 2	6/1/2008	6/1/2008			\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 274,396	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 274,396	\$ 127,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 107,557	\$ 127,000,000
	SUB 271 - BAXTER SPRINGS WEST - SUB 404 - HOCKERVILLE 69KV CKT 1 Displacement	6/1/2011	6/1/2011			\$ 58,420	\$ 150,000
					Total	\$ 1,359,057	\$ 382,150,000

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1352181	SUB 110 - ORONOJO JCT. - SUB 167 - RIVERTON 161KV CKT 1	6/1/2011	6/1/2011		
1352193	SUB 110 - ORONOJO JCT. - SUB 167 - RIVERTON 161KV CKT 1	6/1/2011	6/1/2011		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
CRGL AG3-2007-003

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
CRGL	1290177	OPPD	LAM345	200	1/1/2012	1/1/2017	6/1/2013	6/1/2018	\$ -	\$ -	\$ 97,005,766	\$ 960,264,559
									\$ -	\$ -	\$ 97,005,766	\$ 960,264,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1290177	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012			\$ 1,358,541	\$ 18,400,000
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012			\$ 1,358,541	\$ 18,400,000
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 2,110	\$ 90,000
	Concordia - Smith Center 230 kV	6/1/2008	6/1/2013			\$ 8,533,671	\$ 57,800,000
	Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 4,567,587	\$ 24,400,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 171,057	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 171,057	\$ 127,000,000
	HAWTHORN (HAWT 20) 345/161/13.8KV TRANSFORMER CKT 20	6/1/2010	6/1/2010			\$ -	\$ -
	HOLCOMB (HOLCOMB) 345/115/13.8KV TRANSFORMER CKT 1	12/1/2010	12/1/2010			\$ -	\$ -
	Lamar HVDC Tie Expansion	1/1/2012	6/1/2013			\$ 60,000,000	\$ 60,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 2,105,834	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 1,070,980	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 50,939	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 369,098	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 369,098	\$ 7,500,000
	Pratt - Barber County 138kV	6/1/2008	6/1/2012			\$ 2,206,923	\$ 23,300,000
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012			\$ 378,871	\$ 4,000,000
	Spearsville - Ford County 115kV	6/1/2008	6/1/2012			\$ 3,726,340	\$ 19,700,000
	Spearsville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 5,372,661	\$ 67,000,000
	Spearsville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 3,768,882	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 1,935	\$ 158,000
	Summit - Cloud County 345 kV WEPL	6/1/2008	6/1/2013			\$ 205,957	\$ 45,600,000
	Summit - Cloud County 345 kV WERE	6/1/2008	6/1/2013			\$ 149,499	\$ 33,100,000
	Tuco - Toik 345kV	10/1/2008	6/1/2013			\$ 753,190	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 312,995	\$ 10,318,679
					Total	\$ 97,005,766	\$ 960,264,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1290177	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer **Study Number**
 CRGL AG3-2007-005

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
CRGL	1297680	WR	ERCOTN	207	2/1/2008	2/1/2010	6/1/2013	6/1/2015	\$ -	\$ -	\$ 21,315,956	\$ 123,090,000
									\$ -	\$ -	\$ 21,315,956	\$ 123,090,000

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1297680	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 8,981	\$ 90,000
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 9,181,054	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 12,125,921	\$ 70,000,000
						Total	\$ 21,315,956 \$ 123,090,000

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1297680	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
CRGL AG3-2007-006

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
CRGL	1297686	KCPL	ERCOTN	207	2/1/2008	2/1/2010			\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1297686	None					\$ -	\$ -
Total						\$ -	\$ -

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1297686	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		

Customer Study Number
CRGL AG3-2007-007

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	Total Allocated Cost	Total Cost
CRGL	1297687	EES	ERCOTN	207	2/1/2008	2/1/2010			\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1297687	None					\$ -	\$ -
Total						\$ -	\$ -

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1297687	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		

Customer Study Number
CRGL AG3-2007-008

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	Total Allocated Cost	Total Cost
CRGL	1297688	OPPD	ERCOTN	207	2/1/2008	2/1/2010			\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1297688	None					\$ -	\$ -
Total						\$ -	\$ -

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1297688	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
CRGL AG3-2007-009

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
CRGL	1297689	OKGE	ERCOTN	207	2/1/2008	2/1/2010			\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1297689	None					\$ -	\$ -
Total						\$ -	\$ -

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1297689	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		

Customer Study Number
CRGL AG3-2007-010

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
CRGL	1297691	CLEC	ERCOTN	207	2/1/2008	2/1/2010			\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1297691	None					\$ -	\$ -
Total						\$ -	\$ -

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1297691	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		

Customer Study Number
CRGL AG3-2007-011

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
CRGL	1297692	AMRN	ERCOTN	207	2/1/2008	2/1/2010			\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1297692	None					\$ -	\$ -
Total						\$ -	\$ -

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1297692	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
CRGL AG3-2007-012

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
CRGL	1315805	ERCOTE	ERCOTN	207	2/1/2008	2/1/2010			\$ -	\$ -	\$ -	\$ -
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1315805	None					\$ -	\$ -
					Total	\$ -	\$ -

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1315805	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		

Table 2 - 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	Total Allocated Cost	Total Cost
CRGL	1340342	KCPL	CLEC	103	2/1/2008	2/1/2009	6/1/2013	6/1/2014	\$ -	\$ 1,347,648	\$ 12,834,373	\$ 782,564,559
									\$ -	\$ 1,347,648	\$ 12,834,373	\$ 782,564,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1340342	BAYOU VISTA - BERWICK EQUILON TAP 138KV CKT 1	6/1/2008	6/1/2012			\$ -	\$ -
	BERWICK EQUILON TAP - RAMOS 138KV CKT 1	6/1/2008	6/1/2012			\$ -	\$ -
	CARTHAGE - SUB 395 - CARTHAGE SOUTHWEST 161KV CKT 1 EMDE	6/1/2008	6/1/2008			\$ -	\$ -
	CARTHAGE - SUB 395 - CARTHAGE SOUTHWEST 161KV CKT 1 SWPA	12/1/2008	12/1/2008			\$ -	\$ -
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 343	\$ 90,000
	FISHER - VAN PLY TAP 138KV CKT 1	4/1/2008	6/1/2012			\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 2,351,128	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 2,351,128	\$ 127,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 2,208,229	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 304,417	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 14,479	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 21,905	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 21,905	\$ 7,500,000
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	12/1/2009	12/1/2009			\$ -	\$ -
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 2,006,804	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 2,650,496	\$ 70,000,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 443,287	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 310,962	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 118	\$ 158,000
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2010	6/1/2011			\$ 83,917	\$ 4,000,000
	SUB 349 - ASBURY - SUB 366 - CARL JUNCTION 161KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	12/1/2012	12/1/2012			\$ -	\$ -
	Tuco - Tolk 345KV	10/1/2008	6/1/2013			\$ 46,100	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 19,155	\$ 10,318,679
Total						\$ 12,834,373	\$ 782,564,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1340342	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		

Table 2 - 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	Total Allocated Cost	Total Cost
CRGL	1340343	OPPD	CLEC	103	2/1/2008	2/1/2009	6/1/2013	6/1/2014	\$ -	\$ 1,347,648	\$ 11,111,419	\$ 778,564,559
									\$ -	\$ 1,347,648	\$ 11,111,419	\$ 778,564,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1340343	BAYOU VISTA - BERWICK EQUILON TAP 138KV CKT 1	6/1/2008	6/1/2012			\$ -	\$ -
	BERWICK EQUILON TAP - RAMOS 138KV CKT 1	6/1/2008	6/1/2012			\$ -	\$ -
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 149	\$ 90,000
	FISHER - VAN PLY TAP 138KV CKT 1	4/1/2008	6/1/2012			\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 2,119,232	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 2,119,232	\$ 127,000,000
	HAWTHORN (HAWT 20) 345/161/13.8KV TRANSFORMER CKT 20	6/1/2010	6/1/2010			\$ -	\$ -
	HOLCOMB (HOLCOMB) 345/115/13.8KV TRANSFORMER CKT 1	12/1/2010	12/1/2010			\$ -	\$ -
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 1,807,172	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 324,046	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 15,413	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 39,680	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 39,680	\$ 7,500,000
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 1,450,716	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 1,916,043	\$ 70,000,000
	SCOTT CITY - SETAB 115KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -
	Speanville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 695,654	\$ 67,000,000
	Speanville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 480,981	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 207	\$ 158,000
	Tuco - Tolk 345KV	10/1/2008	6/1/2013			\$ 79,977	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 33,235	\$ 10,318,679
						\$ 11,111,419	\$ 778,564,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1340343	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
CRGL AG3-2007-020

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
CRGL	1340344	WR	CLEC	103	2/1/2008	2/1/2009	6/1/2013	6/1/2014	\$ -	\$ 1,347,648	\$ 28,498,424	\$ 789,814,559
									\$ -	\$ 1,347,648	\$ 28,498,424	\$ 789,814,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	
1340344	BAYOU VISTA - BERWICK EQUILON TAP 138KV CKT 1	6/1/2008	6/1/2012			\$ -	\$ -	
	BELL - PECK 69KV CKT 1	4/1/2008	6/1/2011			\$ 1,975,581	\$ 2,200,000	
	BELL - SUMNER COUNTY NO. 3 MILLER 69KV CKT 1	4/1/2008	6/1/2011			\$ 1,795,983	\$ 2,000,000	
	BERWICK EQUILON TAP - RAMOS 138KV CKT 1	6/1/2008	6/1/2012			\$ -	\$ -	
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 352	\$ 90,000	
	CITY OF WELLINGTON - SUMNER COUNTY NO. 3 MILLER 69KV CKT 1	4/1/2008	6/1/2011			\$ 448,996	\$ 500,000	
	CITY OF WELLINGTON - SUMNER COUNTY NO. 4 ROME 69KV CKT 1	4/1/2008	6/1/2011			\$ 3,187,869	\$ 3,550,000	
	FISHER - VAN PLY TAP 138KV CKT 1	4/1/2008	6/1/2012			\$ -	\$ -	
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 2,489,531	\$ 127,000,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 2,489,531	\$ 127,000,000	
	GILL ENERGY CENTER WEST - PECK 69KV	4/1/2008	6/1/2011			\$ 2,693,974	\$ 3,000,000	
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 2,818,665	\$ 127,000,000	
	Mooreland - TUCO 345 KV SPS	4/1/2008	6/1/2013			\$ 417,588	\$ 105,122,880	
	Mooreland - TUCO 345 KV WFEC	10/1/2008	6/1/2013			\$ 19,867	\$ 5,000,000	
	Mooreland 345/138 kv Transformer CKT 1	10/1/2008	6/1/2013			\$ 25,093	\$ 7,500,000	
	Mooreland 345/138 kv Transformer CKT 2	10/1/2008	6/1/2013			\$ 25,093	\$ 7,500,000	
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	12/1/2009	12/1/2009			\$ -	\$ -	
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 3,928,905	\$ 53,000,000	
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 5,189,120	\$ 70,000,000	
	Spearville - Mooreland 345 KV SUNC	10/1/2008	6/1/2013			\$ 543,663	\$ 67,000,000	
	Spearville - Mooreland 345 KV WFEC	10/1/2008	6/1/2013			\$ 381,375	\$ 47,000,000	
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 123	\$ 158,000	
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	12/1/2012	12/1/2012			\$ -	\$ -	
	Tuco - Tolk 345KV	10/1/2008	6/1/2013			\$ 47,381	\$ 24,875,000	
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 19,634	\$ 10,318,679	
						Total	\$ 28,498,424	\$ 789,814,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1340344	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
CRGL AG3-2007-023

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
CRGL	1344392	OPPD	EES	103	2/1/2008	2/1/2009	6/1/2013	6/1/2014	\$ -	\$ 1,112.400	\$ 10,362,001	\$ 778,564,559
									\$ -	\$ 1,112.400	\$ 10,362,001	\$ 778,564,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1344392	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 81	\$ 90,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 1,664,509	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 1,664,509	\$ 127,000,000
	HAWTHORN (HAWT 20) 345/115/13.8KV TRANSFORMER CKT 20	6/1/2010	6/1/2010			\$ -	\$ -
	HOLCOMB (HOLCOMB) 345/115/13.8KV TRANSFORMER CKT 1	12/1/2010	12/1/2010			\$ -	\$ -
	MCNEIL - NW TEXARKANA 345 KV CKT 1	4/1/2008	6/1/2013			\$ 2,213,258	\$ 127,000,000
	Mooreland - TUCO 345 KV SPS	4/1/2008	6/1/2013			\$ 306,991	\$ 105,122,880
	Mooreland - TUCO 345 KV WFEC	10/1/2008	6/1/2013			\$ 14,602	\$ 5,000,000
	Mooreland 345/138 kv Transformer CKT 1	10/1/2008	6/1/2013			\$ 38,609	\$ 7,500,000
	Mooreland 345/138 kv Transformer CKT 2	10/1/2008	6/1/2013			\$ 38,609	\$ 7,500,000
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 1,371,930	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 1,811,984	\$ 70,000,000
	Spearville - Mooreland 345 KV SUNC	10/1/2008	6/1/2013			\$ 662,883	\$ 67,000,000
	Spearville - Mooreland 345 KV WFEC	10/1/2008	6/1/2013			\$ 464,867	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 197	\$ 158,000
	Tuco - Talk 345KV	10/1/2008	6/1/2013			\$ 77,183	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 31,989	\$ 10,318,679
					Total	\$ 10,362,001	\$ 778,564,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1344392	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
CWEP AG3-2007-013

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
CWEP	1316474	EES	SPA	4	4/1/2012	4/1/2042	6/1/2013	6/1/2043	\$ 720,000	\$ 1,296,000	\$ 1,182,578	\$ 398,058,000
									\$ 720,000	\$ 1,296,000	\$ 1,182,578	\$ 398,058,000

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1316474	3RDST - ARKOMA 161KV CKT 1	6/1/2012	6/1/2012			\$ 5,827	\$ 1,300,000
	5CALCR - NORFORK 161KV CKT 1 SWPA	6/1/2012	6/1/2012			\$ 100,000	\$ 100,000
	BUCYRUS - STILWELL 161KV CKT 1	12/1/2012	12/1/2012			\$ 577	\$ 180,000
	CARTHAGE - SUB 395 - CARTHAGE SOUTHWEST 161KV CKT 1 EMDE	6/1/2008	6/1/2008			\$ -	\$ -
	CARTHAGE - SUB 395 - CARTHAGE SOUTHWEST 161KV CKT 1 SWPA	12/1/2008	12/1/2008			\$ -	\$ -
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 20,384	\$ 4,000,000
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 OKGE	6/1/2017	6/1/2017			\$ 4,867	\$ 955,000
	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 SWPA	10/1/2008	10/1/2008			\$ 1,522	\$ 325,000
	FLINT CREEK (FLINTCK1) 345/161/13.8KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	FLINT CREEK (FLINTCK2) 345/161/13.8KV TRANSFORMER CKT 2	6/1/2017	6/1/2017			\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 49,632	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 49,632	\$ 127,000,000
	FT SMITH 500 (FTSMITH3) 500/161/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012			\$ 43,614	\$ 9,000,000
	JONES - JONESBORO 161KV CKT 1 SWPA	6/1/2017	6/1/2017			\$ 2,000	\$ 2,000
	MCNEIL - NW TEXARKANA 345 KV CKT 1	4/1/2008	6/1/2013			\$ 92,427	\$ 127,000,000
	MIAMI EAST NEO - SENECA 69KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	12/1/2009	12/1/2009			\$ -	\$ -
	NORFORK - SOUTHLAND AECC 161KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	SOUTHWEST - SOUTHWEST DISPOSAL 161KV CKT 1	12/1/2010	12/1/2010			\$ 9,465	\$ 246,000
	SUB 184 - NEOSHO SOUTH JCT. (NEOSHO) 161/69/13.2KV TRANSFORMER CKT 1	12/1/2010	12/1/2010			\$ 800,000	\$ 800,000
	SUB 271 - BAXTER SPRINGS WEST - SUB 404 - HOCKERVILLE 69KV CKT 1 Displacement	6/1/2011	6/1/2011			\$ 2,631	\$ 150,000
	SUB 349 - ASBURY - SUB 366 - CARL JUNCTION 161KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	12/1/2012	12/1/2012			\$ -	\$ -
						\$ -	\$ -
						\$ 1,182,578	\$ 398,058,000

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1316474	SUB 110 - ORONOJO JCT. - SUB 167 - RIVERTON 161KV CKT 1	6/1/2011	6/1/2011		

Table 2 - 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	Total Allocated Cost	Total Cost
EDE	1350960	KCPL	EDE	5	11/1/2008	11/1/2018	6/1/2013	6/1/2023	\$ 900,000	\$ -	\$ 450,479	\$ 788,405,559
									\$ 900,000	\$ -	\$ 450,479	\$ 788,405,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1350960	BUCYRUS - STILWELL 161KV CKT 1	12/1/2012	12/1/2012			\$ 1,181	\$ 180,000
	CARTHAGE - SUB 395 - CARTHAGE SOUTHWEST 161KV CKT 1 EMDE	6/1/2008	6/1/2008			\$ -	\$ -
	CARTHAGE - SUB 395 - CARTHAGE SOUTHWEST 161KV CKT 1 SWPA	12/1/2008	12/1/2008			\$ -	\$ -
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 13,155	\$ 4,000,000
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 OKGE	6/1/2017	6/1/2017			\$ 3,141	\$ 955,000
	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 SWPA	10/1/2008	10/1/2008			\$ 754	\$ 325,000
	FLINT CREEK (FLINTCK1) 345/161/13.8KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	FLINT CREEK (FLINTCK2) 345/161/13.8KV TRANSFORMER CKT 2	6/1/2017	6/1/2017			\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 29,631	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 29,631	\$ 127,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 22,437	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 9,591	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 456	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 1,360	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 1,360	\$ 7,500,000
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	12/1/2009	12/1/2009			\$ -	\$ -
	NORFORK - SOUTHLAND AECC 161KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 59,550	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 78,651	\$ 70,000,000
	SOUTHWEST - SOUTHWEST DISPOSAL 161KV CKT 1	12/1/2010	12/1/2010			\$ 16,238	\$ 246,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 22,690	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 15,917	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 6	\$ 158,000
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2010	6/1/2011			\$ 37,963	\$ 4,000,000
	SUB 167 - RIVERTON - SUB 278 - GALENA NORTHEAST 69KV CKT 1 Displacement	6/1/2009	6/1/2009			\$ 75,000	\$ 75,000
	SUB 271 - BAXTER SPRINGS WEST - SUB 404 - HOCKERVILLE 69KV CKT 1 Displacement	6/1/2011	6/1/2011			\$ 28,737	\$ 150,000
	SUB 349 - ASBURY - SUB 366 - CARL JUNCTION 161KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	12/1/2012	12/1/2012			\$ -	\$ -
	Tuco - Toik 345kV	10/1/2008	6/1/2013			\$ 2,142	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 888	\$ 10,318,679
						Total	\$ 450,479 \$ 788,405,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1350960	SUB 110 - ORONOGO JCT. - SUB 167 - RIVERTON 161KV CKT 1	6/1/2011	6/1/2011		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		

Table 2 - 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	Total Allocated Cost	Total Cost
EDE	1352109	KCPL	EDE	5	1/1/2010	1/1/2030	6/1/2013	6/1/2033	\$ 900,000	\$ -	\$ 375,472	\$ 788,330,559
									\$ 900,000	\$ -	\$ 375,472	\$ 788,330,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	
1352109	BUCYRUS - STILWELL 161KV CKT 1	12/1/2012	12/1/2012			\$ 1,181	\$ 180,000	
	CARTHAGE - SUB 395 - CARTHAGE SOUTHWEST 161KV CKT 1 EMDE	6/1/2008	6/1/2008			\$ -	\$ -	
	CARTHAGE - SUB 395 - CARTHAGE SOUTHWEST 161KV CKT 1 SWPA	12/1/2008	12/1/2008			\$ -	\$ -	
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 13,155	\$ 4,000,000	
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 OKGE	6/1/2017	6/1/2017			\$ 3,141	\$ 955,000	
	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 SWPA	10/1/2008	10/1/2008			\$ 747	\$ 325,000	
	FLINT CREEK (FLINTCK1) 345/161/13.8KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			\$ -	\$ -	
	FLINT CREEK (FLINTCK2) 345/161/13.8KV TRANSFORMER CKT 2	6/1/2017	6/1/2017			\$ -	\$ -	
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 29,631	\$ 127,000,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 29,631	\$ 127,000,000	
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 22,437	\$ 127,000,000	
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 9,591	\$ 105,122,880	
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 456	\$ 5,000,000	
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 1,360	\$ 7,500,000	
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 1,360	\$ 7,500,000	
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	12/1/2009	12/1/2009			\$ -	\$ -	
	NORFORK - SOUTHLAND AECC 161KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -	
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 59,550	\$ 53,000,000	
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 78,651	\$ 70,000,000	
	SOUTHWEST - SOUTHWEST DISPOSAL 161KV CKT 1	12/1/2010	12/1/2010			\$ 16,238	\$ 246,000	
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 22,690	\$ 67,000,000	
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 15,917	\$ 47,000,000	
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 6	\$ 158,000	
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2010	6/1/2011			\$ 37,963	\$ 4,000,000	
	SUB 271 - BAXTER SPRINGS WEST - SUB 404 - HOCKERVILLE 69KV CKT 1 Displacement	6/1/2011	6/1/2011			\$ 28,737	\$ 150,000	
	SUB 349 - ASBURY - SUB 366 - CARL JUNCTION 161KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -	
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	12/1/2012	12/1/2012			\$ -	\$ -	
	Tuco - Toik 345KV	10/1/2008	6/1/2013			\$ 2,142	\$ 24,875,000	
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 888	\$ 10,318,679	
						Total	\$ 375,472	\$ 788,330,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1352109	SUB 110 - ORONOJO JCT. - SUB 167 - RIVERTON 161KV CKT 1	6/1/2011	6/1/2011		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		

Table 2 - 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	Total Allocated Cost	Total Cost
GRDA	1350396	OKGE	GRDA	150	6/1/2008	6/1/2013	6/1/2013	6/1/2018	\$ 27,000,000	-	\$ 5,713,914	\$ 660,519,559
									\$ 27,000,000	\$ -	\$ 5,713,914	\$ 660,519,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1350396	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 7,362	\$ 90,000
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 660,845	\$ 4,000,000
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 OKGE	6/1/2017	6/1/2017			\$ 157,777	\$ 955,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 1,291,104	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 1,291,104	\$ 127,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 982,716	\$ 127,000,000
	Mooreland - TUCO 345 KV SPS	4/1/2008	6/1/2013			\$ 196,357	\$ 105,122,880
	Mooreland - TUCO 345 KV WFEC	10/1/2008	6/1/2013			\$ 9,339	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 36,618	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 36,618	\$ 7,500,000
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	12/1/2009	12/1/2009			\$ -	\$ -
	Spearville - Mooreland 345 KV SUNC	10/1/2008	6/1/2013			\$ 575,019	\$ 67,000,000
	Spearville - Mooreland 345 KV WFEC	10/1/2008	6/1/2013			\$ 403,371	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 122	\$ 158,000
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	12/1/2012	12/1/2012			\$ -	\$ -
	Tuco - Talk 345KV	10/1/2008	6/1/2013			\$ 46,453	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 19,109	\$ 10,318,679
					Total	\$ 5,713,914	\$ 660,519,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1350396	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		

Table 2 - 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	Total Allocated Cost	Total Cost
KBPU	1339117	MPS	KACY	5	2/1/2008	2/1/2009	6/1/2010	6/1/2011	\$ -	\$ 52,800	\$ 793,710	\$ 384,500,000
									\$ -	\$ 52,800	\$ 793,710	\$ 384,500,000

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1339117	ECKLES - SIBLEY 161KV CKT 1	12/1/2009	12/1/2009			\$ 760,493	\$ 3,500,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 6,132	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 6,132	\$ 127,000,000
	HAWTHORN (HAWT 20) 345/161/13.8KV TRANSFORMER CKT 20	6/1/2010	6/1/2010			\$ -	\$ -
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 20,953	\$ 127,000,000
						\$ 793,710	\$ 384,500,000

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1339117	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
 KCPS AG3-2007-021

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
KCPS	1340403	WR	WPEK	10	2/1/2008	2/1/2009	6/1/2013	6/1/2014	\$ -	\$ 117,360	\$ 5,595,387	\$ 1,023,926,559
KCPS	1340404	WR	WPEK	5	2/1/2008	2/1/2009	6/1/2013	6/1/2014	\$ -	\$ 58,680	\$ 2,797,691	\$ 1,023,926,559
									\$ -	\$ 176,040	\$ 8,393,078	\$ 2,047,853,118

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1340403	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012			\$ 118,169	\$ 18,400,000
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012			\$ 118,169	\$ 18,400,000
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 53	\$ 90,000
	Concordia - Smith Center 230 kv	6/1/2008	6/1/2013			\$ 2,267,826	\$ 57,800,000
	Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 87,417	\$ 24,400,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 15,701	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 15,701	\$ 127,000,000
	MCNEIL - NW TEXARKANA 345 kv CKT1	4/1/2008	6/1/2013			\$ 15,622	\$ 127,000,000
	Mooreland - TUCO 345 kv SPS	4/1/2008	6/1/2013			\$ 55,861	\$ 105,122,880
	Mooreland - TUCO 345 kv WFEC	10/1/2008	6/1/2013			\$ 2,657	\$ 5,000,000
	Mooreland 345/138 kv Transformer CKT 1	10/1/2008	6/1/2013			\$ 10,062	\$ 7,500,000
	Mooreland 345/138 kv Transformer CKT 2	10/1/2008	6/1/2013			\$ 10,062	\$ 7,500,000
	Pratt - Barber County 138kV	6/1/2008	6/1/2012			\$ 223,240	\$ 23,300,000
	Pratt 115/138 kv XFMR	6/1/2008	6/1/2012			\$ 39,324	\$ 4,000,000
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 200,683	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 265,053	\$ 70,000,000
	RULETON 115KV Capacitor	6/1/2008	6/1/2010			\$ 11,347	\$ 500,000
	SCOTT CITY - SETAB 115KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -
	SEDGWICK COUNTY NO. 11 KOCH 69KV	12/1/2010	12/1/2010			\$ 2,307	\$ 162,000
	Spearville - Ford County 115kV	6/1/2008	6/1/2012			\$ 223,171	\$ 19,700,000
	Spearville - Mooreland 345 kv SUNC	10/1/2008	6/1/2013			\$ 160,239	\$ 67,000,000
	Spearville - Mooreland 345 kv WFEC	10/1/2008	6/1/2013			\$ 112,407	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 27	\$ 158,000
	Summit - Cloud County 345 kv WEPL	6/1/2008	6/1/2013			\$ 942,444	\$ 45,600,000
	Summit - Cloud County 345 kv WERE	6/1/2008	6/1/2013			\$ 684,098	\$ 33,100,000
	Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 10,432	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 4,315	\$ 10,318,679
					Total	\$ 5,595,387	\$ 1,023,926,559
1340404	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012			\$ 59,084	\$ 18,400,000
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012			\$ 59,084	\$ 18,400,000
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 27	\$ 90,000
	Concordia - Smith Center 230 kv	6/1/2008	6/1/2013			\$ 1,133,913	\$ 57,800,000
	Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 43,705	\$ 24,400,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 7,851	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 7,851	\$ 127,000,000
	MCNEIL - NW TEXARKANA 345 kv CKT1	4/1/2008	6/1/2013			\$ 7,811	\$ 127,000,000
	Mooreland - TUCO 345 kv SPS	4/1/2008	6/1/2013			\$ 27,930	\$ 105,122,880
	Mooreland - TUCO 345 kv WFEC	10/1/2008	6/1/2013			\$ 1,328	\$ 5,000,000
	Mooreland 345/138 kv Transformer CKT 1	10/1/2008	6/1/2013			\$ 5,031	\$ 7,500,000
	Mooreland 345/138 kv Transformer CKT 2	10/1/2008	6/1/2013			\$ 5,031	\$ 7,500,000
	Pratt - Barber County 138kV	6/1/2008	6/1/2012			\$ 111,620	\$ 23,300,000
	Pratt 115/138 kv XFMR	6/1/2008	6/1/2012			\$ 19,162	\$ 4,000,000
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 100,342	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 132,527	\$ 70,000,000
	RULETON 115KV Capacitor	6/1/2008	6/1/2010			\$ 5,673	\$ 500,000
	SCOTT CITY - SETAB 115KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -
	SEDGWICK COUNTY NO. 11 KOCH 69KV	12/1/2010	12/1/2010			\$ 1,153	\$ 162,000
	Spearville - Ford County 115kV	6/1/2008	6/1/2012			\$ 111,588	\$ 19,700,000
	Spearville - Mooreland 345 kv SUNC	10/1/2008	6/1/2013			\$ 80,120	\$ 67,000,000
	Spearville - Mooreland 345 kv WFEC	10/1/2008	6/1/2013			\$ 56,203	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 13	\$ 158,000
	Summit - Cloud County 345 kv WEPL	6/1/2008	6/1/2013			\$ 471,222	\$ 45,600,000
	Summit - Cloud County 345 kv WERE	6/1/2008	6/1/2013			\$ 342,049	\$ 33,100,000
	Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 5,216	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 2,157	\$ 10,318,679
					Total	\$ 2,797,691	\$ 1,023,926,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1340403	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
1340404	WICHITA - RENO 345KV	6/1/2009	6/1/2009		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
 KCPS AG3-2007-022

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
KCPS	1340405	KCPL	WPEK	5	2/1/2008	2/1/2009	6/1/2013	6/1/2014	\$ -	\$ 58,680	\$ 2,523,331	\$ 908,356,559
KCPS	1340407	KCPL	WPEK	10	2/1/2008	2/1/2009	6/1/2013	6/1/2014	\$ -	\$ 117,360	\$ 5,046,667	\$ 908,356,559
									\$ -	\$ 176,040	\$ 7,569,998	\$ 1,816,713,118

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1340405	59TH ST - EL PASO 138KV CKT 1	10/1/2008	10/1/2008			\$ -	\$ -
	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012			\$ 55,003	\$ 18,400,000
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012			\$ 55,003	\$ 18,400,000
	Concordia - Smith Center 230 kv	6/1/2008	6/1/2013			\$ 1,106,397	\$ 57,800,000
	CRAIG - LENEXA NORTH 161KV CKT 1	6/1/2013	6/1/2013			\$ 17,395	\$ 1,600,000
	CRAIG - LENEXA SOUTH 161KV CKT 1	6/1/2010	6/1/2010			\$ 2,714	\$ 192,000
	Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 29,362	\$ 24,400,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 3,019	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 3,019	\$ 127,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT 1	4/1/2008	6/1/2013			\$ 29,504	\$ 127,000,000
	MERRIAM - ROELAND PARK 161KV CKT 1	6/1/2010	6/1/2010			\$ 39,791	\$ 1,890,000
	Mooreland - TUCO 345 kv SPS	4/1/2008	6/1/2013			\$ 32,023	\$ 105,122,880
	Mooreland - TUCO 345 kv WFEC	10/1/2008	6/1/2013			\$ 1,523	\$ 5,000,000
	Mooreland 345/138 kv Transformer CKT 1	10/1/2008	6/1/2013			\$ 4,518	\$ 7,500,000
	Mooreland 345/138 kv Transformer CKT 2	10/1/2008	6/1/2013			\$ 4,518	\$ 7,500,000
	Pratt - Barber County 138kV	6/1/2008	6/1/2012			\$ 100,280	\$ 23,300,000
	Pratt 115/138 kv XFMR	6/1/2008	6/1/2012			\$ 17,216	\$ 4,000,000
	RULETON 115KV Capacitor	6/1/2008	6/1/2010			\$ 6,844	\$ 500,000
	SCOTT CITY - SETAB 115KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -
	Spearville - Ford County 115kV	6/1/2008	6/1/2012			\$ 117,982	\$ 19,700,000
	Spearville - Mooreland 345 kv SUNC	10/1/2008	6/1/2013			\$ 75,562	\$ 67,000,000
	Spearville - Mooreland 345 kv WFEC	10/1/2008	6/1/2013			\$ 53,006	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 12	\$ 158,000
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2010	6/1/2011			\$ 14,026	\$ 4,000,000
	Summit - Cloud County 345 kv WEPL	6/1/2008	6/1/2013			\$ 433,363	\$ 45,600,000
	Summit - Cloud County 345 kv WERE	6/1/2008	6/1/2013			\$ 314,569	\$ 33,100,000
	Tuco - Toik 345kV	10/1/2008	6/1/2013			\$ 4,657	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 1,925	\$ 10,318,679
Total						\$ 2,523,331	\$ 908,356,559

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

1340407	59TH ST - EL PASO 138KV CKT 1	10/1/2008	10/1/2008		\$ -	\$ -
	Barber County - Evans South 138KV WEPL	6/1/2008	6/1/2012		\$ 110,006	\$ 18,400,000
	Barber County - Evans South 138KV WERE	6/1/2008	6/1/2012		\$ 110,006	\$ 18,400,000
	Concordia - Smith Center 230 kV	6/1/2008	6/1/2013		\$ 2,212,794	\$ 57,800,000
	CRAIG - LENEXA NORTH 161KV CKT 1	6/1/2013	6/1/2013		\$ 34,791	\$ 1,600,000
	CRAIG - LENEXA SOUTH 161KV CKT 1	6/1/2010	6/1/2010		\$ 5,428	\$ 192,000
	Ford County - Pratt 115kV	6/1/2008	6/1/2012		\$ 58,723	\$ 24,400,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013		\$ 6,037	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013		\$ 6,037	\$ 127,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013		\$ 59,207	\$ 127,000,000
	MERRIAM - ROELAND PARK 161KV CKT 1	6/1/2010	6/1/2010		\$ 79,582	\$ 1,890,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013		\$ 64,046	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013		\$ 3,046	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013		\$ 9,037	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013		\$ 9,037	\$ 7,500,000
	Pratt - Barber County 138kV	6/1/2008	6/1/2012		\$ 200,561	\$ 23,300,000
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012		\$ 34,431	\$ 4,000,000
	RULETON 115KV Capacitor	6/1/2008	6/1/2010		\$ 13,688	\$ 500,000
	SCOTT CITY - SETAB 115KV CKT 1	12/1/2009	12/1/2009		\$ -	\$ -
	Spearville - Ford County 115kV	6/1/2008	6/1/2012		\$ 235,969	\$ 19,700,000
	Spearville - Mooreland 345 KV SUNC	10/1/2008	6/1/2013		\$ 151,124	\$ 67,000,000
	Spearville - Mooreland 345 KV WFEC	10/1/2008	6/1/2013		\$ 106,013	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013		\$ 24	\$ 158,000
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2010	6/1/2011		\$ 28,053	\$ 4,000,000
	Summit - Cloud County 345 kV WEPL	6/1/2008	6/1/2013		\$ 866,727	\$ 45,600,000
	Summit - Cloud County 345 kV WERE	6/1/2008	6/1/2013		\$ 629,137	\$ 33,100,000
	Tuco - Talk 345kV	10/1/2008	6/1/2013		\$ 9,313	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013		\$ 3,850	\$ 10,318,879
				Total	\$ 5,046,667	\$ 908,356,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1340405	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		
1340407	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer **Study Number**
 KCPS AG3-2007-069

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
KCPS	1352968	KCPL	EES	52	10/1/2008	10/1/2009	6/1/2013	6/1/2014	\$ -	\$ 561,600	\$ 6,081,530	\$ 782,564,559
									\$ -	\$ 561,600	\$ 6,081,530	\$ 782,564,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1352968	CARTHAGE - SUB 395 - CARTHAGE SOUTHWEST 161KV CKT 1 EMDE	6/1/2008	6/1/2008			\$ -	\$ -
	CARTHAGE - SUB 395 - CARTHAGE SOUTHWEST 161KV CKT 1 SWPA	12/1/2008	12/1/2008			\$ -	\$ -
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 141	\$ 90,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 951,958	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 951,958	\$ 127,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 1,317,818	\$ 127,000,000
	Mooreland - TUCO 345 KV SPS	4/1/2008	6/1/2013			\$ 144,913	\$ 105,122,880
	Mooreland - TUCO 345 KV WFEC	10/1/2008	6/1/2013			\$ 6,893	\$ 5,000,000
	Mooreland 345/138 kv Transformer CKT 1	10/1/2008	6/1/2013			\$ 10,505	\$ 7,500,000
	Mooreland 345/138 kv Transformer CKT 2	10/1/2008	6/1/2013			\$ 10,505	\$ 7,500,000
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	12/1/2009	12/1/2009			\$ -	\$ -
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 971,467	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 1,283,070	\$ 70,000,000
	Speartville - Mooreland 345 KV SUNC	10/1/2008	6/1/2013			\$ 212,114	\$ 67,000,000
	Speartville - Mooreland 345 kv WFEC	10/1/2008	6/1/2013			\$ 148,796	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 57	\$ 158,000
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2010	6/1/2011			\$ 40,488	\$ 4,000,000
	SUB 349 - ASBURY - SUB 366 - CARL JUNCTION 161KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	12/1/2012	12/1/2012			\$ -	\$ -
	Tuco - Tolk 345KV	10/1/2008	6/1/2013			\$ 21,805	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 9,042	\$ 10,318,679
Total						\$ 6,081,530	\$ 782,564,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1352968	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
 KCPS AG3-2007-070

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	Total Allocated Cost	Total Cost
KCPS	1352971	KCPL	EES	52	1/1/2010	1/1/2011	6/1/2013	6/1/2014	\$ -	\$ 561,600	\$ 6,081,530	\$ 782,564,559
KCPS	1352972	KCPL	EES	52	1/1/2010	1/1/2011	6/1/2013	6/1/2014	\$ -	\$ 561,600	\$ 6,081,530	\$ 782,564,559
									\$ -	\$ 1,123,200	\$ 12,163,060	\$ 1,565,129,118

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1352971	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 141	\$ 90,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 951,958	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 951,958	\$ 127,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 1,317,818	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 144,913	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 6,893	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 10,505	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 10,505	\$ 7,500,000
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	12/1/2009	12/1/2009			\$ -	\$ -
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 971,467	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 1,283,070	\$ 70,000,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 212,114	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 148,796	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 57	\$ 158,000
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2010	6/1/2011			\$ 40,488	\$ 4,000,000
	SUB 349 - ASBURY - SUB 366 - CARL JUNCTION 161KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	12/1/2012	12/1/2012			\$ -	\$ -
	Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 21,805	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 9,042	\$ 10,318,679
					Total	\$ 6,081,530	\$ 782,564,559
1352972	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 141	\$ 90,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 951,958	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 951,958	\$ 127,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 1,317,818	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 144,913	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 6,893	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 10,505	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 10,505	\$ 7,500,000
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	12/1/2009	12/1/2009			\$ -	\$ -
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 971,467	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 1,283,070	\$ 70,000,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 212,114	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 148,796	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 57	\$ 158,000
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2010	6/1/2011			\$ 40,488	\$ 4,000,000
	SUB 349 - ASBURY - SUB 366 - CARL JUNCTION 161KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	12/1/2012	12/1/2012			\$ -	\$ -
	Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 21,805	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 9,042	\$ 10,318,679
					Total	\$ 6,081,530	\$ 782,564,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1352971	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
1352972	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
 KCPS AG3-2007-071

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	Total Allocated Cost	Total Cost
KCPS	1352975	KCPL	CSWS	52	6/1/2008	6/1/2009	6/1/2013	6/1/2014	\$ -	\$ 680,366	\$ 8,139,671	\$ 797,941,559
KCPS	1352977	KCPL	CSWS	52	6/1/2008	6/1/2009	6/1/2013	6/1/2014	\$ -	\$ 680,366	\$ 8,139,671	\$ 797,941,559
									\$ -	\$ 1,360,732	\$ 16,279,342	\$ 1,595,883,118

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1352975	BUCYRUS - STILWELL 161KV CKT 1	12/1/2012	12/1/2012			\$ 9,535	\$ 180,000
	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	CARTHAGE - SUB 395 - CARTHAGE SOUTHWEST 161KV CKT 1 EMDE	6/1/2008	6/1/2008			\$ -	\$ -
	CARTHAGE - SUB 395 - CARTHAGE SOUTHWEST 161KV CKT 1 SWPA	12/1/2008	12/1/2008			\$ -	\$ -
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 371	\$ 90,000
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	COLFAX - RODEMACHER 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	CRAIG - LENEXA NORTH 161KV CKT 1	6/1/2013	6/1/2013			\$ 204,740	\$ 1,600,000
	CRAIG - LENEXA SOUTH 161KV CKT 1	6/1/2010	6/1/2010			\$ 34,285	\$ 192,000
	DIANA (DIANA 2) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012			\$ 41,292	\$ 4,000,000
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 925,251	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 925,251	\$ 127,000,000
	GENERAL MOTORS - SOUTHWEST SHREVEPORT 138KV CKT 1	6/1/2012	6/1/2012			\$ 76,880	\$ 5,000,000
	LINWOOD - POWELL STREET 138KV CKT 1	6/1/2009	6/1/2012			\$ 37,068	\$ 500,000
	MCNEIL - NW TEXARKANA 345 KV CKT 1	4/1/2008	6/1/2013			\$ 1,173,323	\$ 127,000,000
	MERRIAM - ROELAND PARK 161KV CKT 1	6/1/2010	6/1/2010			\$ 276,898	\$ 1,890,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 239,790	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 11,405	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 18,552	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 18,552	\$ 7,500,000
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	12/1/2009	12/1/2009			\$ -	\$ -
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 1,459,780	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 1,928,011	\$ 70,000,000
	SOUTH SHREVEPORT - SOUTHWEST SHREVEPORT TAP 138KV CKT 1	6/1/2009	6/1/2012			\$ 1,493	\$ 15,000
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012			\$ 23,697	\$ 2,000,000
	Speerville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 362,711	\$ 67,000,000
	Speerville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 254,439	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 80	\$ 158,000
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2010	6/1/2011			\$ 72,849	\$ 4,000,000
	SUB 349 - ASBURY - SUB 366 - CARL JUNCTION 161KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	12/1/2012	12/1/2012			\$ -	\$ -
	Tuco - Toik 345kV	10/1/2008	6/1/2013			\$ 30,797	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 12,620	\$ 10,318,679
Total						\$ 8,139,671	\$ 797,941,559

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

1352977	BUCYRUS - STILWELL 161KV CKT 1	12/1/2012	12/1/2012		\$ 9,535	\$ 180,000
	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	CARTHAGE - SUB 395 - CARTHAGE SOUTHWEST 161KV CKT 1 EMDE	6/1/2008	6/1/2008		\$ -	\$ -
	CARTHAGE - SUB 395 - CARTHAGE SOUTHWEST 161KV CKT 1 SWPA	12/1/2008	12/1/2008		\$ -	\$ -
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012		\$ 371	\$ 90,000
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	COLFAX - RODENACHER 230KV CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	CRAIG - LENEXA NORTH 161KV CKT 1	6/1/2013	6/1/2013		\$ 204,740	\$ 1,600,000
	CRAIG - LENEXA SOUTH 161KV CKT 1	6/1/2010	6/1/2010		\$ 34,285	\$ 192,000
	DIANA (DIANA 2) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012		\$ 41,292	\$ 4,000,000
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013		\$ 925,251	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013		\$ 925,251	\$ 127,000,000
	GENERAL MOTORS - SOUTHWEST SHREVEPORT 138KV CKT 1	6/1/2012	6/1/2012		\$ 76,880	\$ 5,000,000
	LINWOOD - POWELL STREET 138KV CKT 1	6/1/2009	6/1/2012		\$ 37,068	\$ 500,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013		\$ 1,173,323	\$ 127,000,000
	MERRIAM - ROELAND PARK 161KV CKT 1	6/1/2010	6/1/2010		\$ 276,899	\$ 1,890,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013		\$ 239,790	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013		\$ 11,405	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013		\$ 18,552	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013		\$ 18,552	\$ 7,500,000
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	12/1/2009	12/1/2009		\$ -	\$ -
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013		\$ 1,459,790	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013		\$ 1,928,011	\$ 70,000,000
	SOUTH SHREVEPORT - SOUTHWEST SHREVEPORT TAP 138KV CKT 1	6/1/2009	6/1/2012		\$ 1,493	\$ 15,000
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012		\$ 23,697	\$ 2,000,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013		\$ 362,711	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013		\$ 254,439	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013		\$ 80	\$ 158,000
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2010	6/1/2011		\$ 72,849	\$ 4,000,000
	SUB 349 - ASBURY - SUB 366 - CARL JUNCTION 161KV CKT 1	12/1/2009	12/1/2009		\$ -	\$ -
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	12/1/2012	12/1/2012		\$ -	\$ -
	Tuco - Tolk 345KV	10/1/2008	6/1/2013		\$ 30,797	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013		\$ 12,620	\$ 10,318,679
				Total	\$ 8,139,671	\$ 797,941,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1352975	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
1352977	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
 KCPS AG3-2007-073

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispach	Deferred Stop Date Without Redispach	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost	
KCPS	1353004	KCPL	CSWS	52	1/1/2010	1/1/2011	6/1/2013	6/1/2014	\$ -	\$ 680,366	\$ 7,385,609	\$ 788,744,559	
KCPS	1353006	KCPL	CSWS	52	1/1/2010	1/1/2011	6/1/2013	6/1/2014	\$ -	\$ 680,366	\$ 7,385,609	\$ 788,744,559	
KCPS	1353007	KCPL	CSWS	52	1/1/2010	1/1/2011	6/1/2013	6/1/2014	\$ -	\$ 680,366	\$ 7,385,609	\$ 788,744,559	
KCPS	1353008	KCPL	CSWS	52	1/1/2010	1/1/2011	6/1/2013	6/1/2014	\$ -	\$ 680,366	\$ 7,385,609	\$ 788,744,559	
KCPS	1353010	KCPL	CSWS	52	1/1/2010	1/1/2011	6/1/2013	6/1/2014	\$ -	\$ 680,366	\$ 7,385,609	\$ 788,744,559	
										\$ -	\$ 3,401,830	\$ 36,928,045	\$ 3,943,722,795

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispach Available	Allocated E & C Cost	Total E & C Cost
1353004	BUCYRUS - STILWELL 161KV CKT 1			12/1/2012	12/1/2012	\$ 9,511	\$ 180,000
	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 398	\$ 90,000
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	DIANA (DIANA 2) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012			\$ 30,021	\$ 4,000,000
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 916,422	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 916,422	\$ 127,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 1,165,301	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 243,039	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 11,560	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 18,513	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 18,513	\$ 7,500,000
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	12/1/2009	12/1/2009			\$ -	\$ -
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 1,423,262	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 1,879,780	\$ 70,000,000
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012			\$ 20,271	\$ 2,000,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 367,165	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 257,564	\$ 47,000,000
STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 80	\$ 158,000	
STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2010	6/1/2011			\$ 64,370	\$ 4,000,000	
SUB 349 - ASBURY - SUB 366 - CARL JUNCTION 161KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -	
SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	12/1/2012	12/1/2012			\$ -	\$ -	
Tuco - Tolk 345KV	10/1/2008	6/1/2013			\$ 30,797	\$ 24,875,000	
TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 12,620	\$ 10,318,679	
						Total	\$ 7,385,609 \$ 788,744,559
1353006	BUCYRUS - STILWELL 161KV CKT 1			12/1/2012	12/1/2012	\$ 9,511	\$ 180,000
	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 398	\$ 90,000
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	DIANA (DIANA 2) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012			\$ 30,021	\$ 4,000,000
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 916,422	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 916,422	\$ 127,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 1,165,301	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 243,039	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 11,560	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 18,513	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 18,513	\$ 7,500,000
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	12/1/2009	12/1/2009			\$ -	\$ -
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 1,423,262	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 1,879,780	\$ 70,000,000
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012			\$ 20,271	\$ 2,000,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 367,165	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 257,564	\$ 47,000,000
STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 80	\$ 158,000	
STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2010	6/1/2011			\$ 64,370	\$ 4,000,000	
SUB 349 - ASBURY - SUB 366 - CARL JUNCTION 161KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -	
SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	12/1/2012	12/1/2012			\$ -	\$ -	
Tuco - Tolk 345KV	10/1/2008	6/1/2013			\$ 30,797	\$ 24,875,000	
TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 12,620	\$ 10,318,679	
						Total	\$ 7,385,609 \$ 788,744,559

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

1353007	BUCYRUS - STILWELL 161KV CKT 1	12/1/2012	12/1/2012		\$ 9,511	\$ 180,000
	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012		\$ 398	\$ 90,000
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	DIANA (DIANA 2) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012		\$ 30,021	\$ 4,000,000
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013		\$ 916,422	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013		\$ 916,422	\$ 127,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013		\$ 1,165,301	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013		\$ 243,039	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013		\$ 11,560	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013		\$ 18,513	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013		\$ 18,513	\$ 7,500,000
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	12/1/2009	12/1/2009		\$ -	\$ -
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013		\$ 1,423,262	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013		\$ 1,879,780	\$ 70,000,000
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012		\$ 20,271	\$ 2,000,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013		\$ 367,165	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013		\$ 257,564	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013		\$ 80	\$ 158,000
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2010	6/1/2011		\$ 64,370	\$ 4,000,000
	SUB 349 - ASBURY - SUB 366 - CARL JUNCTION 161KV CKT 1	12/1/2009	12/1/2009		\$ -	\$ -
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	12/1/2012	12/1/2012		\$ -	\$ -
	Tuco - Tolk 345kV	10/1/2008	6/1/2013		\$ 30,797	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013		\$ 12,620	\$ 10,318,679
				Total	\$ 7,385,609	\$ 788,744,559
1353008	BUCYRUS - STILWELL 161KV CKT 1	12/1/2012	12/1/2012		\$ 9,511	\$ 180,000
	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012		\$ 398	\$ 90,000
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	DIANA (DIANA 2) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012		\$ 30,021	\$ 4,000,000
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013		\$ 916,422	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013		\$ 916,422	\$ 127,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013		\$ 1,165,301	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013		\$ 243,039	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013		\$ 11,560	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013		\$ 18,513	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013		\$ 18,513	\$ 7,500,000
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	12/1/2009	12/1/2009		\$ -	\$ -
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013		\$ 1,423,262	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013		\$ 1,879,780	\$ 70,000,000
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012		\$ 20,271	\$ 2,000,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013		\$ 367,165	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013		\$ 257,564	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013		\$ 80	\$ 158,000
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2010	6/1/2011		\$ 64,370	\$ 4,000,000
	SUB 349 - ASBURY - SUB 366 - CARL JUNCTION 161KV CKT 1	12/1/2009	12/1/2009		\$ -	\$ -
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	12/1/2012	12/1/2012		\$ -	\$ -
	Tuco - Tolk 345kV	10/1/2008	6/1/2013		\$ 30,797	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013		\$ 12,620	\$ 10,318,679
				Total	\$ 7,385,609	\$ 788,744,559
1353010	BUCYRUS - STILWELL 161KV CKT 1	12/1/2012	12/1/2012		\$ 9,511	\$ 180,000
	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012		\$ 398	\$ 90,000
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	DIANA (DIANA 2) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012		\$ 30,021	\$ 4,000,000
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013		\$ 916,422	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013		\$ 916,422	\$ 127,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013		\$ 1,165,301	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013		\$ 243,039	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013		\$ 11,560	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013		\$ 18,513	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013		\$ 18,513	\$ 7,500,000
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	12/1/2009	12/1/2009		\$ -	\$ -
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013		\$ 1,423,262	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013		\$ 1,879,780	\$ 70,000,000
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012		\$ 20,271	\$ 2,000,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013		\$ 367,165	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013		\$ 257,564	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013		\$ 80	\$ 158,000
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2010	6/1/2011		\$ 64,370	\$ 4,000,000
	SUB 349 - ASBURY - SUB 366 - CARL JUNCTION 161KV CKT 1	12/1/2009	12/1/2009		\$ -	\$ -
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	12/1/2012	12/1/2012		\$ -	\$ -
	Tuco - Tolk 345kV	10/1/2008	6/1/2013		\$ 30,797	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013		\$ 12,620	\$ 10,318,679
				Total	\$ 7,385,609	\$ 788,744,559

Table 2 - 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	COD	EOC	Earliest Service Start Date	Redispatch Available
1353004	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
1353006	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
1353007	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
1353008	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
1353010	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		

Table 2 - 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	Total Allocated Cost	Total Cost
KCPS	1353013	KCPL	KCPL	45	11/1/2008	11/1/2018	6/1/2011	6/1/2021	\$ 8,100,000	\$ -	\$ 2,509,409	\$ 11,362,000
									\$ 8,100,000	\$ -	\$ 2,509,409	\$ 11,362,000

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1353013	BUCYRUS - STILWELL 161KV CKT 1	12/1/2012	12/1/2012			\$ 3,311	\$ 180,000
	CRAIG - LENEXA NORTH 161KV CKT 1	6/1/2013	6/1/2013			\$ 383,024	\$ 1,600,000
	CRAIG - LENEXA SOUTH 161KV CKT 1	6/1/2010	6/1/2010			\$ 62,321	\$ 192,000
	ECKLES - SIBLEY 161KV CKT 1	12/1/2009	12/1/2009			\$ 1,270,119	\$ 3,500,000
	HAWTHORN (HAWT 20) 345/161/13.8KV TRANSFORMER CKT 20	6/1/2010	6/1/2010			\$ -	\$ -
	MERRIAM - ROELAND PARK 161KV CKT 1	6/1/2010	6/1/2010			\$ 464,808	\$ 1,890,000
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2010	6/1/2011			\$ 325,826	\$ 4,000,000
						Total	\$ 2,509,409 \$ 11,362,000

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1353013	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		

Table 2 - 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	Total Allocated Cost	Total Cost
KCPS	1353028	WPEK	KCPL	50	6/1/2008	6/1/2009	6/1/2013	6/1/2014	\$ -	\$ 528,000	\$ 16,222,935	\$ 907,356,559
									\$ -	\$ 528,000	\$ 16,222,935	\$ 907,356,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	
1353028	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012			\$ 596,295	\$ 18,400,000	
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012			\$ 596,295	\$ 18,400,000	
	Concordia - Smith Center 230 kv	6/1/2008	6/1/2013			\$ 2,631,363	\$ 57,800,000	
	CRAIG - LENEXA NORTH 161KV CKT 1	6/1/2013	6/1/2013			\$ 369,770	\$ 1,600,000	
	CRAIG - LENEXA SOUTH 161KV CKT 1	6/1/2010	6/1/2010			\$ 26,923	\$ 192,000	
	ECKLES - SIBLEY 161KV CKT 1	12/1/2009	12/1/2009			\$ 1,469,388	\$ 3,500,000	
	Ford County - Pratt 115kv	6/1/2008	6/1/2012			\$ 2,530,478	\$ 24,400,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 41,821	\$ 127,000,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 41,821	\$ 127,000,000	
	HAWTHORN (HAWT 20) 345/161/13.8KV TRANSFORMER CKT 20	6/1/2010	6/1/2010			\$ -	\$ -	
	MCNEIL - NW TEXARKANA 345 KV CKT 1	4/1/2008	6/1/2013			\$ 356,765	\$ 127,000,000	
	MERRIAM - ROELAND PARK 161KV CKT 1	6/1/2010	6/1/2010			\$ 381,333	\$ 1,890,000	
	Mooreland - TUCO 345 kv SPS	4/1/2008	6/1/2013			\$ 430,516	\$ 105,122,880	
	Mooreland - TUCO 345 kv WFEC	10/1/2008	6/1/2013			\$ 20,477	\$ 5,000,000	
	Mooreland 345/138 kv Transformer CKT 1	10/1/2008	6/1/2013			\$ 96,842	\$ 7,500,000	
	Mooreland 345/138 kv Transformer CKT 2	10/1/2008	6/1/2013			\$ 96,842	\$ 7,500,000	
	Pratt - Barber County 138kv	6/1/2008	6/1/2012			\$ 911,442	\$ 23,300,000	
	Pratt 115/138 kv XFMR	6/1/2008	6/1/2012			\$ 156,471	\$ 4,000,000	
	Spearville - Ford County 115kv	6/1/2008	6/1/2012			\$ 373,848	\$ 19,700,000	
	Spearville - Mooreland 345 kv SUNC	10/1/2008	6/1/2013			\$ 1,486,920	\$ 67,000,000	
	Spearville - Mooreland 345 kv WFEC	10/1/2008	6/1/2013			\$ 1,043,063	\$ 47,000,000	
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 390	\$ 158,000	
	Summit - Cloud County 345 kv WEPL	6/1/2008	6/1/2013			\$ 1,360,937	\$ 45,600,000	
	Summit - Cloud County 345 kv WERE	6/1/2008	6/1/2013			\$ 987,873	\$ 33,100,000	
	Tuco - Toik 345kv	10/1/2008	6/1/2013			\$ 152,017	\$ 24,875,000	
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 63,045	\$ 10,318,679	
						Total	\$ 16,222,935	\$ 907,356,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1353028	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
 KCPS AG3-2007-076A

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	Total Allocated Cost	Total Cost
KCPS	1353031	EES	CSWS	52	1/1/2010	1/1/2011	6/1/2013	6/1/2014	\$ -	\$ 680,366	\$ 4,215,572	\$ 673,189,559
KCPS	1353037	EES	CSWS	52	1/1/2010	1/1/2011	6/1/2013	6/1/2014	\$ -	\$ 680,366	\$ 4,215,572	\$ 673,189,559
KCPS	1353038	EES	CSWS	52	1/1/2010	1/1/2011	6/1/2013	6/1/2014	\$ -	\$ 680,366	\$ 4,215,572	\$ 673,189,559
KCPS	1353039	EES	CSWS	52	1/1/2010	1/1/2011	6/1/2013	6/1/2014	\$ -	\$ 680,366	\$ 4,215,572	\$ 673,189,559
KCPS	1353040	EES	CSWS	52	1/1/2010	1/1/2011	6/1/2013	6/1/2014	\$ -	\$ 680,366	\$ 4,215,572	\$ 673,189,559
									\$ -	\$ 3,401,830	\$ 21,077,860	\$ 3,365,947,795

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1353031	3RDST - ARKOMA 161KV CKT 1	6/1/2012	6/1/2012			\$ 57,594	\$ 1,300,000
	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	CARROLL 230/138KV TRANSFORMER CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 289	\$ 90,000
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	COLFAX - RODEMACHER 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 SWPA	10/1/2008	10/1/2008			\$ 14,316	\$ 325,000
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 356,017	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 356,017	\$ 127,000,000
	FT SMITH 500 (FTSMITH3) 500/161/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012			\$ 509,686	\$ 9,000,000
	GENERAL MOTORS - SOUTHWEST SHREVEPORT 138KV CKT 1	6/1/2012	6/1/2012			\$ 83,639	\$ 5,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 2,358,323	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 109,822	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 5,224	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 9,682	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 9,682	\$ 7,500,000
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012			\$ 23,685	\$ 2,000,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 179,423	\$ 67,000,000
Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 125,864	\$ 47,000,000	
STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 30	\$ 158,000	
Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 11,637	\$ 24,875,000	
TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 4,642	\$ 10,318,679	
						Total	\$ 4,215,572 \$ 673,189,559
1353037	3RDST - ARKOMA 161KV CKT 1	6/1/2012	6/1/2012			\$ 57,594	\$ 1,300,000
	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	CARROLL 230/138KV TRANSFORMER CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 289	\$ 90,000
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	COLFAX - RODEMACHER 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 SWPA	10/1/2008	10/1/2008			\$ 14,316	\$ 325,000
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 356,017	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 356,017	\$ 127,000,000
	FT SMITH 500 (FTSMITH3) 500/161/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012			\$ 509,686	\$ 9,000,000
	GENERAL MOTORS - SOUTHWEST SHREVEPORT 138KV CKT 1	6/1/2012	6/1/2012			\$ 83,639	\$ 5,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 2,358,323	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 109,822	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 5,224	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 9,682	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 9,682	\$ 7,500,000
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012			\$ 23,685	\$ 2,000,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 179,423	\$ 67,000,000
Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 125,864	\$ 47,000,000	
STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 30	\$ 158,000	
Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 11,637	\$ 24,875,000	
TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 4,642	\$ 10,318,679	
						Total	\$ 4,215,572 \$ 673,189,559

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

1353038	3RDST - ARKOMA 161KV CKT 1	6/1/2012	6/1/2012		\$ 57,594	\$ 1,300,000
	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	CARROLL 230/138KV TRANSFORMER CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012		\$ 289	\$ 90,000
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	COLFAX - RODEMACHER 230KV CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 SWPA	10/1/2008	10/1/2008		\$ 14,316	\$ 325,000
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013		\$ 356,017	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013		\$ 356,017	\$ 127,000,000
	FT SMITH 500 (FTSMITH3) 500/161/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012		\$ 509,686	\$ 9,000,000
	GENERAL MOTORS - SOUTHWEST SHREVEPORT 138KV CKT 1	6/1/2012	6/1/2012		\$ 83,639	\$ 5,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013		\$ 2,358,323	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013		\$ 109,822	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013		\$ 5,224	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013		\$ 9,682	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013		\$ 9,682	\$ 7,500,000
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012		\$ 23,685	\$ 2,000,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013		\$ 179,423	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013		\$ 125,864	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013		\$ 30	\$ 158,000
	Tuco - Tolk 345kV	10/1/2008	6/1/2013		\$ 11,637	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013		\$ 4,642	\$ 10,318,679
				Total	\$ 4,215,572	\$ 673,189,559
1353039	3RDST - ARKOMA 161KV CKT 1	6/1/2012	6/1/2012		\$ 57,594	\$ 1,300,000
	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	CARROLL 230/138KV TRANSFORMER CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012		\$ 289	\$ 90,000
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	COLFAX - RODEMACHER 230KV CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 SWPA	10/1/2008	10/1/2008		\$ 14,316	\$ 325,000
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013		\$ 356,017	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013		\$ 356,017	\$ 127,000,000
	FT SMITH 500 (FTSMITH3) 500/161/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012		\$ 509,686	\$ 9,000,000
	GENERAL MOTORS - SOUTHWEST SHREVEPORT 138KV CKT 1	6/1/2012	6/1/2012		\$ 83,639	\$ 5,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013		\$ 2,358,323	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013		\$ 109,822	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013		\$ 5,224	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013		\$ 9,682	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013		\$ 9,682	\$ 7,500,000
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012		\$ 23,685	\$ 2,000,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013		\$ 179,423	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013		\$ 125,864	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013		\$ 30	\$ 158,000
	Tuco - Tolk 345kV	10/1/2008	6/1/2013		\$ 11,637	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013		\$ 4,642	\$ 10,318,679
				Total	\$ 4,215,572	\$ 673,189,559
1353040	3RDST - ARKOMA 161KV CKT 1	6/1/2012	6/1/2012		\$ 57,594	\$ 1,300,000
	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	CARROLL 230/138KV TRANSFORMER CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012		\$ 289	\$ 90,000
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	COLFAX - RODEMACHER 230KV CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 SWPA	10/1/2008	10/1/2008		\$ 14,316	\$ 325,000
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013		\$ 356,017	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013		\$ 356,017	\$ 127,000,000
	FT SMITH 500 (FTSMITH3) 500/161/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012		\$ 509,686	\$ 9,000,000
	GENERAL MOTORS - SOUTHWEST SHREVEPORT 138KV CKT 1	6/1/2012	6/1/2012		\$ 83,639	\$ 5,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013		\$ 2,358,323	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013		\$ 109,822	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013		\$ 5,224	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013		\$ 9,682	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013		\$ 9,682	\$ 7,500,000
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012		\$ 23,685	\$ 2,000,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013		\$ 179,423	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013		\$ 125,864	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013		\$ 30	\$ 158,000
	Tuco - Tolk 345kV	10/1/2008	6/1/2013		\$ 11,637	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013		\$ 4,642	\$ 10,318,679
				Total	\$ 4,215,572	\$ 673,189,559

Table 2 - 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	Total Allocated Cost	Total Cost
KEPC	1352933	WR	KCPL	15	6/1/2008	6/1/2040	6/1/2013	6/1/2045	\$ 2,700,000	\$ -	\$ 5,094,587	\$ 901,936,559
									\$ 2,700,000	\$ -	\$ 5,094,587	\$ 901,936,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	
1352933	95TH & WAVERLY - CAPTAIN JUNCTION 115KV CKT 1	6/1/2013	6/1/2013			\$ 2,580,000	\$ 2,580,000	
	Barber County - Evans South 138KV WEPL	6/1/2008	6/1/2012			\$ 24,504	\$ 18,400,000	
	Barber County - Evans South 138KV WERE	6/1/2008	6/1/2012			\$ 24,504	\$ 18,400,000	
	BELL - PECK 69KV CKT 1	4/1/2008	6/1/2011			\$ 224,419	\$ 2,200,000	
	BELL - SUMNER COUNTY NO. 3 MILLER 69KV CKT 1	4/1/2008	6/1/2011			\$ 204,017	\$ 2,000,000	
	BUCYRUS - STILWELL 161KV CKT 1	12/1/2012	12/1/2012			\$ 37,761	\$ 180,000	
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 9	\$ 90,000	
	CITY OF WELLINGTON - SUMNER COUNTY NO. 3 MILLER 69KV CKT 1	4/1/2008	6/1/2011			\$ 51,004	\$ 500,000	
	CITY OF WELLINGTON - SUMNER COUNTY NO. 4 ROME 69KV CKT 1	4/1/2008	6/1/2011			\$ 362,131	\$ 3,550,000	
	Ford County - Pratt 115kv	6/1/2008	6/1/2012			\$ 51,889	\$ 24,400,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 29,470	\$ 127,000,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 29,470	\$ 127,000,000	
	GILL ENERGY CENTER WEST - PECK 69KV	4/1/2008	6/1/2011			\$ 306,026	\$ 3,000,000	
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 72,689	\$ 127,000,000	
	Mooreland - TUCO 345 kv SPS	4/1/2008	6/1/2013			\$ 27,780	\$ 105,122,880	
	Mooreland - TUCO 345 kv WFEC	10/1/2008	6/1/2013			\$ 1,321	\$ 5,000,000	
	Mooreland 345/138 kv Transformer CKT 1	10/1/2008	6/1/2013			\$ 2,554	\$ 7,500,000	
	Mooreland 345/138 kv Transformer CKT 2	10/1/2008	6/1/2013			\$ 2,554	\$ 7,500,000	
	Pratt - Barber County 138kv	6/1/2008	6/1/2012			\$ 63,802	\$ 23,300,000	
	Pratt 115/138 kv XFMR	6/1/2008	6/1/2012			\$ 10,953	\$ 4,000,000	
	RICE CO 115KV	6/1/2008	6/1/2010			\$ 16,719	\$ 1,000,000	
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 364,237	\$ 53,000,000	
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 481,068	\$ 70,000,000	
	SEDGWICK COUNTY NO. 11 KOCH 69KV	12/1/2010	12/1/2010			\$ 3,500	\$ 162,000	
	Spearville - Ford County 115kv	6/1/2008	6/1/2012			\$ 40,911	\$ 19,700,000	
	Spearville - Mooreland 345 kv SUNC	10/1/2008	6/1/2013			\$ 45,119	\$ 67,000,000	
	Spearville - Mooreland 345 kv WFEC	10/1/2008	6/1/2013			\$ 31,651	\$ 47,000,000	
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 9	\$ 158,000	
	Tuco - Toik 345kv	10/1/2008	6/1/2013			\$ 3,194	\$ 24,875,000	
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 1,322	\$ 10,318,679	
						\$ 5,094,587	\$ 901,936,559	
						Total	\$ 5,094,587	\$ 901,936,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1352933	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Table 2 - 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	Total Allocated Cost	Total Cost	
KEPC	1352938	WR	WR	68	6/1/2008	6/1/2040	6/1/2013	6/1/2045	\$ -	\$ -	\$ 32,346,770	\$ 642,926,559	
										\$ -	\$ -	\$ 32,346,770	\$ 642,926,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1352938	59TH ST - EL PASO 138KV CKT 1	10/1/2008	10/1/2008			\$ -	\$ -
	Barber County - Evans South 138KV WEPL	6/1/2008	6/1/2012			\$ 1,216,022	\$ 18,400,000
	Barber County - Evans South 138KV WERE	6/1/2008	6/1/2012			\$ 1,216,022	\$ 18,400,000
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 286	\$ 90,000
	Concordia - Smith Center 230 kV	6/1/2008	6/1/2013			\$ 9,217,782	\$ 57,800,000
	Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 2,362,545	\$ 24,400,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 315,321	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 14,998	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 54,619	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 54,619	\$ 7,500,000
	Pratt - Barber County 138kV	6/1/2008	6/1/2012			\$ 1,829,390	\$ 23,300,000
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012			\$ 314,058	\$ 4,000,000
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 1,116,788	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 1,475,003	\$ 70,000,000
	RULETON 115kV Capacitor	6/1/2008	6/1/2010			\$ 52,824	\$ 500,000
	SCOTT CITY - SETAB 115KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -
	SEDGWICK COUNTY NO. 11 KOCH 69kV	12/1/2010	12/1/2010			\$ 22,896	\$ 162,000
	Spearville - Ford County 115kV	6/1/2008	6/1/2012			\$ 2,150,623	\$ 19,700,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 876,072	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 614,558	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 138	\$ 158,000
	Summit - Cloud County 345 kV WEPL	6/1/2008	6/1/2013			\$ 5,427,000	\$ 45,600,000
	Summit - Cloud County 345 kV WERE	6/1/2008	6/1/2013			\$ 3,939,335	\$ 33,100,000
	Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 53,673	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 22,198	\$ 10,318,679
Total						\$ 32,346,770	\$ 642,926,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1352938	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
 KEPC AG3-2007-067

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
KEPC	1352951	WR	WPEK	57	6/1/2008	6/1/2040	6/1/2013	6/1/2045	\$ 10,260,000	\$ -	\$ 20,522,270	\$ 1,023,426,559
									\$ 10,260,000	\$ -	\$ 20,522,270	\$ 1,023,426,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	
1352951	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012			\$ 883,692	\$ 18,400,000	
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012			\$ 883,692	\$ 18,400,000	
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 576	\$ 90,000	
	Concordia - Smith Center 230 kV	6/1/2008	6/1/2013			\$ 3,300,822	\$ 57,800,000	
	Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 3,975,023	\$ 24,400,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 130,959	\$ 127,000,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 130,959	\$ 127,000,000	
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 174,083	\$ 127,000,000	
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 585,349	\$ 105,122,880	
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 27,841	\$ 5,000,000	
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 117,922	\$ 7,500,000	
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 117,922	\$ 7,500,000	
	Pratt - Barber County 138kV	6/1/2008	6/1/2012			\$ 1,380,780	\$ 23,300,000	
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012			\$ 237,044	\$ 4,000,000	
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 1,709,519	\$ 53,000,000	
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 2,257,854	\$ 70,000,000	
	SCOTT CITY - SETAB 115KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -	
	SEDGWICK COUNTY NO. 11 KOCH 69kV	12/1/2010	12/1/2010			\$ 17,224	\$ 162,000	
	Spearville - Ford County 115kV	6/1/2008	6/1/2012			\$ 191,998	\$ 19,700,000	
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 1,842,296	\$ 67,000,000	
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 1,292,357	\$ 47,000,000	
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 382	\$ 158,000	
	Summit - Cloud County 345 kV WEPL	6/1/2008	6/1/2013			\$ 610,845	\$ 45,600,000	
	Summit - Cloud County 345 kV WERE	6/1/2008	6/1/2013			\$ 443,399	\$ 33,100,000	
	Tuco - Toik 345kV	10/1/2008	6/1/2013			\$ 148,303	\$ 24,875,000	
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 61,430	\$ 10,318,679	
						Total	\$ 20,522,270	\$ 1,023,426,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1352951	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
KEPC AG3-2007-068

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
KEPC	1352961	WR	SECI	3	6/1/2008	6/1/2040	6/1/2013	6/1/2045	\$ 540,000	\$ -	\$ 1,354,607	\$ 1,023,426,559
									\$ 540,000	\$ -	\$ 1,354,607	\$ 1,023,426,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1352961	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012			\$ 47,286	\$ 18,400,000
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012			\$ 47,286	\$ 18,400,000
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 45	\$ 90,000
	Concordia - Smith Center 230 kV	6/1/2008	6/1/2013			\$ 234,174	\$ 57,800,000
	Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 190,680	\$ 24,400,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 10,196	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 10,196	\$ 127,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 11,591	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 29,630	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 1,409	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 8,339	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 8,339	\$ 7,500,000
	Pratt - Barber County 138kV	6/1/2008	6/1/2012			\$ 77,242	\$ 23,300,000
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012			\$ 13,260	\$ 4,000,000
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 128,467	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 169,673	\$ 70,000,000
	SCOTT CITY - SETAB 115KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -
	SEDGWICK COUNTY NO. 11 KOCH 69kV	12/1/2010	12/1/2010			\$ 1,085	\$ 162,000
	Spearville - Ford County 115kV	6/1/2008	6/1/2012			\$ 52,571	\$ 19,700,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 124,196	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 87,123	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 35	\$ 158,000
	Summit - Cloud County 345 kV WEPL	6/1/2008	6/1/2013			\$ 47,755	\$ 45,600,000
	Summit - Cloud County 345 kV WERE	6/1/2008	6/1/2013			\$ 34,664	\$ 33,100,000
	Tuco - Toik 345kV	10/1/2008	6/1/2013			\$ 13,685	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 5,680	\$ 10,318,679
					Total	\$ 1,354,607	\$ 1,023,426,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1352961	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Table 2 - 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	Total Allocated Cost	Total Cost
KMEA	1355377	OPPD	KCPL	20	1/1/2009	1/1/2013	6/1/2013	6/1/2017	\$ -	\$ -	\$ 374,385	\$ 655,654,559
									\$ -	\$ -	\$ 374,385	\$ 655,654,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1355377	BUCYRUS - STILWELL 161KV CKT 1	12/1/2012	12/1/2012			\$ 24,878	\$ 180,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 60,876	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 60,876	\$ 127,000,000
	HAWTHORN (HAWT 20) 345/161/13.8KV TRANSFORMER CKT 20	6/1/2010	6/1/2010			\$ -	\$ -
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 100,800	\$ 127,000,000
	Mooreland - TUCO 345 KV SPS	4/1/2008	6/1/2013			\$ 6,061	\$ 105,122,880
	Mooreland - TUCO 345 KV WFEC	10/1/2008	6/1/2013			\$ 288	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 4,303	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 4,303	\$ 7,500,000
	Spearville - Mooreland 345 KV SUNC	10/1/2008	6/1/2013			\$ 59,215	\$ 67,000,000
	Spearville - Mooreland 345 KV WFEC	10/1/2008	6/1/2013			\$ 41,539	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 20	\$ 158,000
	Tuco - Toik 345KV	10/1/2008	6/1/2013			\$ 7,934	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 3,292	\$ 10,318,679
					Total	\$ 374,385	\$ 655,654,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1355377	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
KPP AG3-2007-036

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
KPP	1350946	WR	WR	4	6/1/2008	6/1/2018	6/1/2013	6/1/2023	\$ 90,000	\$ -	\$ 4,850,705	\$ 757,290,000
									\$ 90,000	\$ -	\$ 4,850,705	\$ 757,290,000

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1350946	ALBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 2	6/1/2013	6/1/2013			\$ 4,500,000	\$ 4,500,000
	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012			\$ 3,265	\$ 18,400,000
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012			\$ 3,265	\$ 18,400,000
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 20	\$ 90,000
	Concordia - Smith Center 230 kV	6/1/2008	6/1/2013			\$ 76,602	\$ 57,800,000
	Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 8,344	\$ 24,400,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 4,587	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 4,587	\$ 127,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 20,996	\$ 127,000,000
	Pratt - Barber County 138kV	6/1/2008	6/1/2012			\$ 16,631	\$ 23,300,000
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012			\$ 2,855	\$ 4,000,000
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 10,808	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 14,275	\$ 70,000,000
	Speanville - Ford County 115kV	6/1/2008	6/1/2012			\$ 11,398	\$ 19,700,000
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2010	6/1/2011			\$ 14,518	\$ 4,000,000
	Summit - Cloud County 345 kV WEPL	6/1/2008	6/1/2013			\$ 91,869	\$ 45,600,000
	Summit - Cloud County 345 kV WERE	6/1/2008	6/1/2013			\$ 66,685	\$ 33,100,000
					Total	\$ 4,850,705	\$ 757,290,000

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1350946	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Table 2 - 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	Total Allocated Cost	Total Cost
MIDW	1353081	WR	WR	5	6/1/2008	6/1/2013	6/1/2013	6/1/2018	\$ -	\$ -	\$ 1,767,554	\$ 1,023,764,559
MIDW	1353082	WR	WR	4	6/1/2008	6/1/2013	6/1/2013	6/1/2018	\$ -	\$ -	\$ 1,414,040	\$ 1,023,764,559
MIDW	1353083	WR	WR	3	6/1/2008	6/1/2013	6/1/2013	6/1/2018	\$ -	\$ -	\$ 1,060,526	\$ 1,023,764,559
MIDW	1353084	WR	WR	2	6/1/2008	6/1/2013	6/1/2013	6/1/2018	\$ -	\$ -	\$ 707,021	\$ 1,023,764,559
MIDW	1353085	WR	WR	1	6/1/2008	6/1/2013	6/1/2013	6/1/2018	\$ -	\$ -	\$ 353,514	\$ 1,023,764,559
											\$ 5,302,655	\$ 5,118,822,795

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	
1353081	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012			\$ 33,460	\$ 18,400,000	
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012			\$ 33,460	\$ 18,400,000	
	CIMARRON - NORTHWEST 345kV CKT 1	6/1/2012	6/1/2012			\$ 43	\$ 90,000	
	Concordia - Smith Center 230 kV	6/1/2008	6/1/2013			\$ 534,830	\$ 57,800,000	
	Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 92,528	\$ 24,400,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 13,133	\$ 127,000,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 13,133	\$ 127,000,000	
	MCNEIL - NW TEXARKANA 345 kV CKT1	4/1/2008	6/1/2013			\$ 9,832	\$ 127,000,000	
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 20,901	\$ 105,122,880	
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 994	\$ 5,000,000	
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 7,414	\$ 7,500,000	
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 7,414	\$ 7,500,000	
	Pratt - Barber County 138kV	6/1/2008	6/1/2012			\$ 61,680	\$ 23,300,000	
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012			\$ 10,589	\$ 4,000,000	
	ROSEHILL - SOONER 345kV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 142,831	\$ 53,000,000	
	ROSEHILL - SOONER 345kV CKT 1 WERE	12/1/2008	6/1/2013			\$ 188,644	\$ 70,000,000	
	RULETON 115KV Capacitor	6/1/2008	6/1/2010			\$ 91,650	\$ 500,000	
	Spearville - Ford County 115kV	6/1/2008	6/1/2012			\$ 79,550	\$ 19,700,000	
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 107,602	\$ 67,000,000	
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 75,482	\$ 47,000,000	
STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 34	\$ 158,000		
Summit - Cloud County 345 kV WEPL	6/1/2008	6/1/2013			\$ 129,599	\$ 45,600,000		
Summit - Cloud County 345 kV WERE	6/1/2008	6/1/2013			\$ 94,073	\$ 33,100,000		
Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 13,196	\$ 24,875,000		
TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 5,482	\$ 10,318,679		
						Total	\$ 1,767,554	\$ 1,023,764,559
1353082	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012			\$ 26,768	\$ 18,400,000	
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012			\$ 26,768	\$ 18,400,000	
	CIMARRON - NORTHWEST 345kV CKT 1	6/1/2012	6/1/2012			\$ 34	\$ 90,000	
	Concordia - Smith Center 230 kV	6/1/2008	6/1/2013			\$ 427,864	\$ 57,800,000	
	Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 74,022	\$ 24,400,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 10,507	\$ 127,000,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 10,507	\$ 127,000,000	
	MCNEIL - NW TEXARKANA 345 kV CKT1	4/1/2008	6/1/2013			\$ 7,866	\$ 127,000,000	
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 16,721	\$ 105,122,880	
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 795	\$ 5,000,000	
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 5,931	\$ 7,500,000	
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 5,931	\$ 7,500,000	
	Pratt - Barber County 138kV	6/1/2008	6/1/2012			\$ 49,343	\$ 23,300,000	
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012			\$ 8,471	\$ 4,000,000	
	ROSEHILL - SOONER 345kV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 114,264	\$ 53,000,000	
	ROSEHILL - SOONER 345kV CKT 1 WERE	12/1/2008	6/1/2013			\$ 150,915	\$ 70,000,000	
	RULETON 115KV Capacitor	6/1/2008	6/1/2010			\$ 73,320	\$ 500,000	
	Spearville - Ford County 115kV	6/1/2008	6/1/2012			\$ 63,640	\$ 19,700,000	
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 86,082	\$ 67,000,000	
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 60,386	\$ 47,000,000	
STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ -27	\$ 158,000		
Summit - Cloud County 345 kV WEPL	6/1/2008	6/1/2013			\$ 103,679	\$ 45,600,000		
Summit - Cloud County 345 kV WERE	6/1/2008	6/1/2013			\$ 75,258	\$ 33,100,000		
Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 10,556	\$ 24,875,000		
TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 4,385	\$ 10,318,679		
						Total	\$ 1,414,040	\$ 1,023,764,559

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

1353083	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012		\$	20,076	\$	18,400,000
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012		\$	20,076	\$	18,400,000
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012		\$	26	\$	90,000
	Concordia - Smith Center 230 kV	6/1/2008	6/1/2013		\$	320,898	\$	57,800,000
	Ford County - Pratt 115kV	6/1/2008	6/1/2012		\$	55,517	\$	24,400,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013		\$	7,880	\$	127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013		\$	7,880	\$	127,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013		\$	5,898	\$	127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013		\$	12,541	\$	105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013		\$	596	\$	5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013		\$	4,448	\$	7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013		\$	4,448	\$	7,500,000
	Pratt - Barber County 138kV	6/1/2008	6/1/2012		\$	37,005	\$	23,300,000
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012		\$	6,353	\$	4,000,000
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013		\$	85,698	\$	53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013		\$	113,186	\$	70,000,000
	RULETON 115KV Capacitor	6/1/2008	6/1/2010		\$	54,990	\$	500,000
	Spearville - Ford County 115kV	6/1/2008	6/1/2012		\$	47,730	\$	19,700,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013		\$	64,561	\$	67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013		\$	45,289	\$	47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013		\$	20	\$	158,000
	Summit - Cloud County 345 kV WEPL	6/1/2008	6/1/2013		\$	77,759	\$	45,600,000
	Summit - Cloud County 345 kV WERE	6/1/2008	6/1/2013		\$	56,444	\$	33,100,000
	Tuco - Tolk 345kV	10/1/2008	6/1/2013		\$	7,917	\$	24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013		\$	3,288	\$	10,318,679
				Total	\$	1,060,526	\$	1,023,764,559
1353084	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012		\$	13,384	\$	18,400,000
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012		\$	13,384	\$	18,400,000
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012		\$	17	\$	90,000
	Concordia - Smith Center 230 kV	6/1/2008	6/1/2013		\$	213,932	\$	57,800,000
	Ford County - Pratt 115kV	6/1/2008	6/1/2012		\$	37,011	\$	24,400,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013		\$	5,253	\$	127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013		\$	5,253	\$	127,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013		\$	3,933	\$	127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013		\$	8,360	\$	105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013		\$	398	\$	5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013		\$	2,966	\$	7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013		\$	2,966	\$	7,500,000
	Pratt - Barber County 138kV	6/1/2008	6/1/2012		\$	24,671	\$	23,300,000
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012		\$	4,235	\$	4,000,000
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013		\$	57,132	\$	53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013		\$	75,458	\$	70,000,000
	RULETON 115KV Capacitor	6/1/2008	6/1/2010		\$	38,660	\$	500,000
	Spearville - Ford County 115kV	6/1/2008	6/1/2012		\$	31,820	\$	19,700,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013		\$	43,041	\$	67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013		\$	30,193	\$	47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013		\$	14	\$	158,000
	Summit - Cloud County 345 kV WEPL	6/1/2008	6/1/2013		\$	51,840	\$	45,600,000
	Summit - Cloud County 345 kV WERE	6/1/2008	6/1/2013		\$	37,629	\$	33,100,000
	Tuco - Tolk 345kV	10/1/2008	6/1/2013		\$	5,278	\$	24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013		\$	2,193	\$	10,318,679
				Total	\$	707,021	\$	1,023,764,559
1353085	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012		\$	6,692	\$	18,400,000
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012		\$	6,692	\$	18,400,000
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012		\$	9	\$	90,000
	Concordia - Smith Center 230 kV	6/1/2008	6/1/2013		\$	106,966	\$	57,800,000
	Ford County - Pratt 115kV	6/1/2008	6/1/2012		\$	18,506	\$	24,400,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013		\$	2,627	\$	127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013		\$	2,627	\$	127,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013		\$	1,966	\$	127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013		\$	4,180	\$	105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013		\$	199	\$	5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013		\$	1,483	\$	7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013		\$	1,483	\$	7,500,000
	Pratt - Barber County 138kV	6/1/2008	6/1/2012		\$	12,338	\$	23,300,000
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012		\$	2,118	\$	4,000,000
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013		\$	28,566	\$	53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013		\$	37,729	\$	70,000,000
	RULETON 115KV Capacitor	6/1/2008	6/1/2010		\$	18,330	\$	500,000
	Spearville - Ford County 115kV	6/1/2008	6/1/2012		\$	15,910	\$	19,700,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013		\$	21,520	\$	67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013		\$	15,096	\$	47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013		\$	7	\$	158,000
	Summit - Cloud County 345 kV WEPL	6/1/2008	6/1/2013		\$	25,920	\$	45,600,000
	Summit - Cloud County 345 kV WERE	6/1/2008	6/1/2013		\$	18,815	\$	33,100,000
	Tuco - Tolk 345kV	10/1/2008	6/1/2013		\$	2,639	\$	24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013		\$	1,096	\$	10,318,679
				Total	\$	353,514	\$	1,023,764,559

Table 2 - 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	COD	EOC	Earliest Service Start Date	Redispatch Available
1353081	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
1353082	WICHITA - RENO 345KV	6/1/2009	6/1/2009		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
1353083	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
1353084	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		
1353085	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Table 2 - 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	Total Allocated Cost	Total Cost
MIDW	1353086	WR	WR	1	6/1/2008	6/1/2013	6/1/2013	6/1/2018	\$ -	\$ -	\$ 295,528	\$ 1,023,926,559
MIDW	1353088	WR	WR	2	6/1/2008	6/1/2013	6/1/2013	6/1/2018	\$ -	\$ -	\$ 886,579	\$ 2,047,853,118
									\$ -	\$ -	\$ -	\$ -

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1353086	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012			\$ 10,898	\$ 18,400,000
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012			\$ 10,898	\$ 18,400,000
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 7	\$ 90,000
	Concordia - Smith Center 230 kV	6/1/2008	6/1/2013			\$ 95,355	\$ 57,800,000
	Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 2,579	\$ 24,400,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 1,834	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 1,834	\$ 127,000,000
	MCNEIL - NW TEXARKANA 345 kV CKT1	4/1/2008	6/1/2013			\$ 2,320	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 7,398	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 352	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 1,394	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 1,394	\$ 7,500,000
	Pratt - Barber County 138kV	6/1/2008	6/1/2012			\$ 22,875	\$ 23,300,000
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012			\$ 3,893	\$ 4,000,000
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 23,590	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 31,157	\$ 70,000,000
	RULETON 115KV Capacitor	6/1/2008	6/1/2010			\$ 1,691	\$ 500,000
	SCOTT CITY - SETAB 115KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -
	SEDGWICK COUNTY NO. 11 KOCH 69KV	12/1/2010	12/1/2010			\$ 200	\$ 162,000
	Spearville - Ford County 115kV	6/1/2008	6/1/2012			\$ 6,976	\$ 19,700,000
Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 22,028	\$ 67,000,000	
Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 15,452	\$ 47,000,000	
STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 4	\$ 158,000	
Summit - Cloud County 345 kV WEPL	6/1/2008	6/1/2013			\$ 17,006	\$ 45,600,000	
Summit - Cloud County 345 kV WERE	6/1/2008	6/1/2013			\$ 12,345	\$ 33,100,000	
Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 1,590	\$ 24,875,000	
TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 658	\$ 10,318,679	
					Total	\$ 295,528	\$ 1,023,926,559
1353088	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012			\$ 21,796	\$ 18,400,000
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012			\$ 21,796	\$ 18,400,000
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 14	\$ 90,000
	Concordia - Smith Center 230 kV	6/1/2008	6/1/2013			\$ 190,709	\$ 57,800,000
	Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 5,151	\$ 24,400,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 3,669	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 3,669	\$ 127,000,000
	MCNEIL - NW TEXARKANA 345 kV CKT1	4/1/2008	6/1/2013			\$ 4,640	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 14,796	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 704	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 2,788	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 2,788	\$ 7,500,000
	Pratt - Barber County 138kV	6/1/2008	6/1/2012			\$ 45,350	\$ 23,300,000
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012			\$ 7,785	\$ 4,000,000
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 47,180	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 62,314	\$ 70,000,000
	RULETON 115KV Capacitor	6/1/2008	6/1/2010			\$ 3,382	\$ 500,000
	SCOTT CITY - SETAB 115KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -
	SEDGWICK COUNTY NO. 11 KOCH 69KV	12/1/2010	12/1/2010			\$ 400	\$ 162,000
	Spearville - Ford County 115kV	6/1/2008	6/1/2012			\$ 13,952	\$ 19,700,000
Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 44,056	\$ 67,000,000	
Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 30,905	\$ 47,000,000	
STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 8	\$ 158,000	
Summit - Cloud County 345 kV WEPL	6/1/2008	6/1/2013			\$ 34,013	\$ 45,600,000	
Summit - Cloud County 345 kV WERE	6/1/2008	6/1/2013			\$ 24,689	\$ 33,100,000	
Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 3,180	\$ 24,875,000	
TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 1,317	\$ 10,318,679	
					Total	\$ 591,051	\$ 1,023,926,559

Table 2 - 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	COD	EOC	Earliest Service Start Date	Redispatch Available
1353086	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
1353088	WICHITA - RENO 345KV	6/1/2009	6/1/2009		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Table 2 - 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	Total Allocated Cost	Total Cost	
MIDW	1353090	WR	WR	1	6/1/2008	6/1/2013	6/1/2013	6/1/2018	\$ -	\$ -	\$ 304,340	\$ 1,023,926,559	
MIDW	1353091	WR	WR	2	6/1/2008	6/1/2013	6/1/2013	6/1/2018	\$ -	\$ -	\$ 608,691	\$ 1,023,926,559	
MIDW	1353092	WR	WR	2	6/1/2008	6/1/2013	6/1/2013	6/1/2018	\$ -	\$ -	\$ 608,691	\$ 1,023,926,559	
											\$ -	\$ 1,521,722	\$ 3,071,779,677

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	
1353090	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012			\$ 9,385	\$ 18,400,000	
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012			\$ 9,385	\$ 18,400,000	
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 7	\$ 90,000	
	Concordia - Smith Center 230 kV	6/1/2008	6/1/2013			\$ 98,689	\$ 57,800,000	
	Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 6,601	\$ 24,400,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 1,914	\$ 127,000,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 1,914	\$ 127,000,000	
	MCNEIL - NW TEXARKANA 345 kV CKT1	4/1/2008	6/1/2013			\$ 2,244	\$ 127,000,000	
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 7,204	\$ 105,122,880	
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 343	\$ 5,000,000	
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 1,428	\$ 7,500,000	
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 1,428	\$ 7,500,000	
	Pratt - Barber County 138kV	6/1/2008	6/1/2012			\$ 18,970	\$ 23,300,000	
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012			\$ 3,257	\$ 4,000,000	
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 24,334	\$ 53,000,000	
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 32,139	\$ 70,000,000	
	RULETON 115KV Capacitor	6/1/2008	6/1/2010			\$ 2,033	\$ 500,000	
	SCOTT CITY - SETAB 115KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -	
	SEDGWICK COUNTY NO. 11 KOCH 69KV	12/1/2010	12/1/2010			\$ 184	\$ 162,000	
	Spearville - Ford County 115kV	6/1/2008	6/1/2012			\$ 10,882	\$ 19,700,000	
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 22,374	\$ 67,000,000	
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 15,695	\$ 47,000,000	
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 4	\$ 158,000	
	Summit - Cloud County 345 kV WEPL	6/1/2008	6/1/2013			\$ 18,241	\$ 45,600,000	
	Summit - Cloud County 345 kV WERE	6/1/2008	6/1/2013			\$ 13,241	\$ 33,100,000	
	Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 1,728	\$ 24,875,000	
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 716	\$ 10,318,679	
							Total	\$ 304,340 \$ 1,023,926,559
	1353091	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012			\$ 18,772	\$ 18,400,000
		Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012			\$ 18,772	\$ 18,400,000
		CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 15	\$ 90,000
		Concordia - Smith Center 230 kV	6/1/2008	6/1/2013			\$ 197,378	\$ 57,800,000
		Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 13,201	\$ 24,400,000
		FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 3,828	\$ 127,000,000
		FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 3,828	\$ 127,000,000
		MCNEIL - NW TEXARKANA 345 kV CKT1	4/1/2008	6/1/2013			\$ 4,487	\$ 127,000,000
		Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 14,409	\$ 105,122,880
		Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 685	\$ 5,000,000
		Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 2,857	\$ 7,500,000
		Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 2,857	\$ 7,500,000
		Pratt - Barber County 138kV	6/1/2008	6/1/2012			\$ 37,945	\$ 23,300,000
		Pratt 115/138 kV XFMR	6/1/2008	6/1/2012			\$ 6,514	\$ 4,000,000
		ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 48,668	\$ 53,000,000
		ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 64,279	\$ 70,000,000
		RULETON 115KV Capacitor	6/1/2008	6/1/2010			\$ 4,066	\$ 500,000
		SCOTT CITY - SETAB 115KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -
		SEDGWICK COUNTY NO. 11 KOCH 69KV	12/1/2010	12/1/2010			\$ 368	\$ 162,000
Spearville - Ford County 115kV		6/1/2008	6/1/2012			\$ 21,763	\$ 19,700,000	
Spearville - Mooreland 345 kV SUNC		10/1/2008	6/1/2013			\$ 44,747	\$ 67,000,000	
Spearville - Mooreland 345 kV WFEC		10/1/2008	6/1/2013			\$ 31,390	\$ 47,000,000	
STANTON SUB - TUCO INTERCHANGE 115KV CKT 1		10/1/2008	6/1/2013			\$ 9	\$ 158,000	
Summit - Cloud County 345 kV WEPL		6/1/2008	6/1/2013			\$ 36,483	\$ 45,600,000	
Summit - Cloud County 345 kV WERE		6/1/2008	6/1/2013			\$ 26,482	\$ 33,100,000	
Tuco - Tolk 345kV		10/1/2008	6/1/2013			\$ 3,456	\$ 24,875,000	
TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement		10/1/2008	6/1/2013			\$ 1,432	\$ 10,318,679	
						Total	\$ 608,691 \$ 1,023,926,559	

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

1353092	Barber County - Evans South 138KV WEPL	6/1/2008	6/1/2012		\$	18,772	\$	18,400,000
	Barber County - Evans South 138KV WERE	6/1/2008	6/1/2012		\$	18,772	\$	18,400,000
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012		\$	15	\$	90,000
	Concordia - Smith Center 230 kV	6/1/2008	6/1/2013		\$	197,378	\$	57,800,000
	Ford County - Pratt 115kV	6/1/2008	6/1/2012		\$	13,201	\$	24,400,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013		\$	3,828	\$	127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013		\$	3,828	\$	127,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013		\$	4,487	\$	127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013		\$	14,409	\$	105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013		\$	685	\$	5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013		\$	2,857	\$	7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013		\$	2,857	\$	7,500,000
	Pratt - Barber County 138kV	6/1/2008	6/1/2012		\$	37,945	\$	23,300,000
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012		\$	6,514	\$	4,000,000
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013		\$	48,668	\$	53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013		\$	64,279	\$	70,000,000
	RULETON 115KV Capacitor	6/1/2008	6/1/2010		\$	4,066	\$	500,000
	SCOTT CITY - SETAB 115KV CKT 1	12/1/2009	12/1/2009		\$	-	\$	-
	SEDGWICK COUNTY NO. 11 KOCH 69KV	12/1/2010	12/1/2010		\$	368	\$	162,000
	Spearville - Ford County 115kV	6/1/2008	6/1/2012		\$	21,763	\$	19,700,000
	Spearville - Mooreland 345 KV SUNC	10/1/2008	6/1/2013		\$	44,747	\$	67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013		\$	31,390	\$	47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013		\$	9	\$	158,000
	Summit - Cloud County 345 kV WEPL	6/1/2008	6/1/2013		\$	36,483	\$	45,600,000
	Summit - Cloud County 345 kV WERE	6/1/2008	6/1/2013		\$	26,482	\$	33,100,000
	Tuco - Talk 345KV	10/1/2008	6/1/2013		\$	3,456	\$	24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013		\$	1,432	\$	10,318,679
				Total	\$	608,691	\$	1,023,926,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1353090	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		
1353091	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		
1353092	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
 MIDW AG3-2007-085

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost	
MIDW	1353093	WR	WR	2	6/1/2008	6/1/2013	6/1/2013	6/1/2018	\$ -	\$ -	\$ 1,063,721	\$ 515,404,559	
MIDW	1353095	WR	WR	1	6/1/2008	6/1/2013	6/1/2013	6/1/2018	\$ -	\$ -	\$ 531,862	\$ 515,404,559	
MIDW	1353096	WR	WR	1	6/1/2008	6/1/2013	6/1/2013	6/1/2018	\$ -	\$ -	\$ 531,862	\$ 515,404,559	
										\$ -	\$ -	\$ 2,127,445	\$ 1,546,213,677

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	
1353093	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012			\$ 4,396	\$ 18,400,000	
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012			\$ 4,396	\$ 18,400,000	
	Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 2,031	\$ 24,400,000	
	LYONS - WHEATLAND 115KV CKT 1	6/1/2008	6/1/2011			\$ 850,364	\$ 8,730,000	
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 4,755	\$ 105,122,880	
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 226	\$ 5,000,000	
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 846	\$ 7,500,000	
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 846	\$ 7,500,000	
	Pratt - Barber County 138kV	6/1/2008	6/1/2012			\$ 11,966	\$ 23,300,000	
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012			\$ 2,054	\$ 4,000,000	
	RICE_CO 115kV	6/1/2008	6/1/2010			\$ 89,957	\$ 1,000,000	
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 27,637	\$ 53,000,000	
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 36,501	\$ 70,000,000	
	Spearville - Ford County 115kV	6/1/2008	6/1/2012			\$ 3,687	\$ 19,700,000	
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 13,501	\$ 67,000,000	
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 9,471	\$ 47,000,000	
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 2	\$ 158,000	
	Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 839	\$ 24,875,000	
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 346	\$ 10,318,679	
	Total						\$ 1,063,721	\$ 515,404,559
	1353095	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012			\$ 2,199	\$ 18,400,000
Barber County - Evans South 138kV WERE		6/1/2008	6/1/2012			\$ 2,199	\$ 18,400,000	
Ford County - Pratt 115kV		6/1/2008	6/1/2012			\$ 1,015	\$ 24,400,000	
LYONS - WHEATLAND 115KV CKT 1		6/1/2008	6/1/2011			\$ 425,186	\$ 8,730,000	
Mooreland - TUCO 345 kV SPS		4/1/2008	6/1/2013			\$ 2,378	\$ 105,122,880	
Mooreland - TUCO 345 kV WFEC		10/1/2008	6/1/2013			\$ 113	\$ 5,000,000	
Mooreland 345/138 kV Transformer CKT 1		10/1/2008	6/1/2013			\$ 423	\$ 7,500,000	
Mooreland 345/138 kV Transformer CKT 2		10/1/2008	6/1/2013			\$ 423	\$ 7,500,000	
Pratt - Barber County 138kV		6/1/2008	6/1/2012			\$ 5,981	\$ 23,300,000	
Pratt 115/138 kV XFMR		6/1/2008	6/1/2012			\$ 1,027	\$ 4,000,000	
RICE_CO 115kV		6/1/2008	6/1/2010			\$ 44,979	\$ 1,000,000	
ROSEHILL - SOONER 345KV CKT 1 OKGE		12/1/2008	6/1/2013			\$ 13,818	\$ 53,000,000	
ROSEHILL - SOONER 345KV CKT 1 WERE		12/1/2008	6/1/2013			\$ 18,251	\$ 70,000,000	
Spearville - Ford County 115kV		6/1/2008	6/1/2012			\$ 1,791	\$ 19,700,000	
Spearville - Mooreland 345 kV SUNC		10/1/2008	6/1/2013			\$ 6,751	\$ 67,000,000	
Spearville - Mooreland 345 kV WFEC		10/1/2008	6/1/2013			\$ 4,735	\$ 47,000,000	
STANTON SUB - TUCO INTERCHANGE 115KV CKT 1		10/1/2008	6/1/2013			\$ 1	\$ 158,000	
Tuco - Tolk 345kV		10/1/2008	6/1/2013			\$ 419	\$ 24,875,000	
TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement		10/1/2008	6/1/2013			\$ 173	\$ 10,318,679	
Total						\$ 531,862	\$ 515,404,559	
1353096		Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012			\$ 2,199	\$ 18,400,000
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012			\$ 2,199	\$ 18,400,000	
	Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 1,015	\$ 24,400,000	
	LYONS - WHEATLAND 115KV CKT 1	6/1/2008	6/1/2011			\$ 425,186	\$ 8,730,000	
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 2,378	\$ 105,122,880	
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 113	\$ 5,000,000	
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 423	\$ 7,500,000	
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 423	\$ 7,500,000	
	Pratt - Barber County 138kV	6/1/2008	6/1/2012			\$ 5,981	\$ 23,300,000	
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012			\$ 1,027	\$ 4,000,000	
	RICE_CO 115kV	6/1/2008	6/1/2010			\$ 44,979	\$ 1,000,000	
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 13,818	\$ 53,000,000	
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 18,251	\$ 70,000,000	
	Spearville - Ford County 115kV	6/1/2008	6/1/2012			\$ 1,791	\$ 19,700,000	
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 6,751	\$ 67,000,000	
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 4,735	\$ 47,000,000	
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 1	\$ 158,000	
	Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 419	\$ 24,875,000	
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 173	\$ 10,318,679	
	Total						\$ 531,862	\$ 515,404,559

Table 2 - 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	COD	EOC	Earliest Service Start Date	Redispatch Available
1353093	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
1353095	WICHITA - RENO 345KV	6/1/2009	6/1/2009		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
1353096	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Table 2 - 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	Total Allocated Cost	Total Cost	
MIDW	1353097	WR	WR	3	6/1/2008	6/1/2013	6/1/2013	6/1/2018	\$ -	\$ -	\$ 890,209	\$ 643,426,559	
MIDW	1353098	WR	WR	2	6/1/2008	6/1/2013	6/1/2013	6/1/2018	\$ -	\$ -	\$ 593,473	\$ 643,426,559	
MIDW	1353099	WR	WR	1	6/1/2008	6/1/2013	6/1/2013	6/1/2018	\$ -	\$ -	\$ 296,738	\$ 643,426,559	
										\$ -	\$ -	\$ 1,780,420	\$ 1,930,279,677

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1353097	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012			\$ 56,997	\$ 18,400,000
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012			\$ 56,997	\$ 18,400,000
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 23	\$ 90,000
	Concordia - Smith Center 230 kV	6/1/2008	6/1/2013			\$ 185,059	\$ 57,800,000
	Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 8,959	\$ 24,400,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 31,023	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 1,476	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 4,898	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 4,898	\$ 7,500,000
	Pratt - Barber County 138kV	6/1/2008	6/1/2012			\$ 115,391	\$ 23,300,000
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012			\$ 19,810	\$ 4,000,000
	RICE CO 115KV	6/1/2008	6/1/2010			\$ 2,951	\$ 1,000,000
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 72,196	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 95,353	\$ 70,000,000
	SCOTT CITY - SETAB 115KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -
	SEDGWICK COUNTY NO. 11 KOCH 69KV	12/1/2010	12/1/2010			\$ 578	\$ 162,000
	Spearville - Ford County 115kV	6/1/2008	6/1/2012			\$ 46,602	\$ 19,700,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 79,998	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 56,118	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 11	\$ 158,000
	Summit - Cloud County 345 kV WEPL	6/1/2008	6/1/2013			\$ 25,945	\$ 45,600,000
	Summit - Cloud County 345 kV WERE	6/1/2008	6/1/2013			\$ 18,833	\$ 33,100,000
	Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 4,313	\$ 24,875,000
TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 1,780	\$ 10,318,679	
						Total	\$ 890,209 \$ 643,426,559
1353098	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012			\$ 37,998	\$ 18,400,000
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012			\$ 37,998	\$ 18,400,000
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 15	\$ 90,000
	Concordia - Smith Center 230 kV	6/1/2008	6/1/2013			\$ 123,372	\$ 57,800,000
	Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 5,973	\$ 24,400,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 20,682	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 984	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 3,266	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 3,266	\$ 7,500,000
	Pratt - Barber County 138kV	6/1/2008	6/1/2012			\$ 76,929	\$ 23,300,000
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012			\$ 13,207	\$ 4,000,000
	RICE CO 115KV	6/1/2008	6/1/2010			\$ 1,967	\$ 1,000,000
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 48,131	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 63,569	\$ 70,000,000
	SCOTT CITY - SETAB 115KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -
	SEDGWICK COUNTY NO. 11 KOCH 69KV	12/1/2010	12/1/2010			\$ 385	\$ 162,000
	Spearville - Ford County 115kV	6/1/2008	6/1/2012			\$ 31,066	\$ 19,700,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 53,332	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 37,412	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 7	\$ 158,000
	Summit - Cloud County 345 kV WEPL	6/1/2008	6/1/2013			\$ 17,297	\$ 45,600,000
	Summit - Cloud County 345 kV WERE	6/1/2008	6/1/2013			\$ 12,555	\$ 33,100,000
	Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 2,875	\$ 24,875,000
TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 1,187	\$ 10,318,679	
						Total	\$ 593,473 \$ 643,426,559

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

1353099	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012		\$ 18,999	\$ 18,400,000
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012		\$ 18,999	\$ 18,400,000
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012		\$ 8	\$ 90,000
	Concordia - Smith Center 230 kV	6/1/2008	6/1/2013		\$ 61,686	\$ 57,800,000
	Ford County - Pratt 115kV	6/1/2008	6/1/2012		\$ 2,986	\$ 24,400,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013		\$ 10,341	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013		\$ 492	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013		\$ 1,633	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013		\$ 1,633	\$ 7,500,000
	Pratt - Barber County 138kV	6/1/2008	6/1/2012		\$ 38,467	\$ 23,300,000
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012		\$ 6,604	\$ 4,000,000
	RICE_CO 115KV	6/1/2008	6/1/2010		\$ 984	\$ 1,000,000
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013		\$ 24,065	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013		\$ 31,784	\$ 70,000,000
	SCOTT CITY - SETAB 115KV CKT 1	12/1/2009	12/1/2009		\$ -	\$ -
	SEDGWICK COUNTY NO. 11 KOCH 69KV	12/1/2010	12/1/2010		\$ 193	\$ 162,000
	Spearville - Ford County 115kV	6/1/2008	6/1/2012		\$ 15,531	\$ 19,700,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013		\$ 26,666	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013		\$ 18,706	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013		\$ 4	\$ 158,000
	Summit - Cloud County 345 kV WEPL	6/1/2008	6/1/2013		\$ 8,648	\$ 45,600,000
	Summit - Cloud County 345 kV WERE	6/1/2008	6/1/2013		\$ 6,278	\$ 33,100,000
	Tuco - Toik 345kV	10/1/2008	6/1/2013		\$ 1,438	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013		\$ 593	\$ 10,318,679
				Total	\$ 296,738	\$ 643,426,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1353097	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		
1353098	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		
1353099	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Table 2 - 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	Total Allocated Cost	Total Cost
MIDW	1353102	WR	WR	2	6/1/2008	6/1/2013	6/1/2013	6/1/2018	\$ -	\$ -	\$ 659,962	\$ 643,426,559
MIDW	1353103	WR	WR	1	6/1/2008	6/1/2013	6/1/2013	6/1/2018	\$ -	\$ -	\$ 329,971	\$ 643,426,559
									\$ -	\$ -	\$ 989,933	\$ 1,286,853,118

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1353102	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012			\$ 40,866	\$ 18,400,000
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012			\$ 40,866	\$ 18,400,000
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 13	\$ 90,000
	Concordia - Smith Center 230 kV	6/1/2008	6/1/2013			\$ 126,146	\$ 57,800,000
	Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 86,802	\$ 24,400,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 15,896	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 756	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 2,576	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 2,576	\$ 7,500,000
	Pratt - Barber County 138kV	6/1/2008	6/1/2012			\$ 91,305	\$ 23,300,000
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012			\$ 15,675	\$ 4,000,000
	RICE CO 115kV	6/1/2008	6/1/2010			\$ 2,199	\$ 1,000,000
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 41,724	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 55,107	\$ 70,000,000
	SCOTT CITY - SETAB 115KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -
	SEDGWICK COUNTY NO. 11 KOCH 69KV	12/1/2010	12/1/2010			\$ 389	\$ 162,000
	Spearville - Ford County 115kV	6/1/2008	6/1/2012			\$ 35,599	\$ 19,700,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 41,851	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 29,358	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 6	\$ 158,000
	Summit - Cloud County 345 kV WEPL	6/1/2008	6/1/2013			\$ 15,588	\$ 45,600,000
	Summit - Cloud County 345 kV WERE	6/1/2008	6/1/2013			\$ 11,315	\$ 33,100,000
	Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 2,371	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 978	\$ 10,318,679
					Total	\$ 659,962	\$ 643,426,559
1353103	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012			\$ 20,432	\$ 18,400,000
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012			\$ 20,432	\$ 18,400,000
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 6	\$ 90,000
	Concordia - Smith Center 230 kV	6/1/2008	6/1/2013			\$ 63,073	\$ 57,800,000
	Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 43,398	\$ 24,400,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 7,948	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 379	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 1,288	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 1,288	\$ 7,500,000
	Pratt - Barber County 138kV	6/1/2008	6/1/2012			\$ 45,650	\$ 23,300,000
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012			\$ 7,837	\$ 4,000,000
	RICE CO 115kV	6/1/2008	6/1/2010			\$ 1,099	\$ 1,000,000
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 20,862	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 27,554	\$ 70,000,000
	SCOTT CITY - SETAB 115KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -
	SEDGWICK COUNTY NO. 11 KOCH 69KV	12/1/2010	12/1/2010			\$ 195	\$ 162,000
	Spearville - Ford County 115kV	6/1/2008	6/1/2012			\$ 17,797	\$ 19,700,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 20,926	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 14,679	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 3	\$ 158,000
	Summit - Cloud County 345 kV WEPL	6/1/2008	6/1/2013			\$ 7,794	\$ 45,600,000
	Summit - Cloud County 345 kV WERE	6/1/2008	6/1/2013			\$ 5,657	\$ 33,100,000
	Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 1,186	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 489	\$ 10,318,679
					Total	\$ 329,971	\$ 643,426,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1353102	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		
1353103	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
 MIDW AG3-2007-088

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
MIDW	1353104	WR	WR	2	6/1/2008	6/1/2013	6/1/2013	6/1/2018	\$ -	\$ -	\$ 1,331,891	\$ 515,404,559
MIDW	1353105	WR	WR	2	6/1/2008	6/1/2013	6/1/2013	6/1/2018	\$ -	\$ -	\$ 1,331,891	\$ 515,404,559
MIDW	1353106	WR	WR	1	6/1/2008	6/1/2013	6/1/2013	6/1/2018	\$ -	\$ -	\$ 665,943	\$ 515,404,559
									\$ -	\$ -	\$ 3,329,725	\$ 1,546,213,677

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1353104	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012			\$ 4,376	\$ 18,400,000
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012			\$ 4,376	\$ 18,400,000
	Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 1,530	\$ 24,400,000
	LYONS - WHEATLAND 115KV CKT 1	6/1/2008	6/1/2011			\$ 1,092,562	\$ 8,730,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 4,749	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 226	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 850	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 850	\$ 7,500,000
	Pratt - Barber County 138kV	6/1/2008	6/1/2012			\$ 11,849	\$ 23,300,000
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012			\$ 2,034	\$ 4,000,000
	RICE_CO 115kV	6/1/2008	6/1/2010			\$ 115,579	\$ 1,000,000
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 27,893	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 36,839	\$ 70,000,000
	Spearville - Ford County 115kV	6/1/2008	6/1/2012			\$ 3,910	\$ 19,700,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 13,559	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 9,512	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 2	\$ 158,000
	Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 845	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 350	\$ 10,318,679
						Total	\$ 1,331,891
1353105	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012			\$ 4,376	\$ 18,400,000
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012			\$ 4,376	\$ 18,400,000
	Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 1,530	\$ 24,400,000
	LYONS - WHEATLAND 115KV CKT 1	6/1/2008	6/1/2011			\$ 1,092,562	\$ 8,730,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 4,749	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 226	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 850	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 850	\$ 7,500,000
	Pratt - Barber County 138kV	6/1/2008	6/1/2012			\$ 11,849	\$ 23,300,000
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012			\$ 2,034	\$ 4,000,000
	RICE_CO 115kV	6/1/2008	6/1/2010			\$ 115,579	\$ 1,000,000
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 27,893	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 36,839	\$ 70,000,000
	Spearville - Ford County 115kV	6/1/2008	6/1/2012			\$ 3,910	\$ 19,700,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 13,559	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 9,512	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 2	\$ 158,000
	Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 845	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 350	\$ 10,318,679
						Total	\$ 1,331,891
1353106	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012			\$ 2,188	\$ 18,400,000
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012			\$ 2,188	\$ 18,400,000
	Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 762	\$ 24,400,000
	LYONS - WHEATLAND 115KV CKT 1	6/1/2008	6/1/2011			\$ 546,281	\$ 8,730,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 2,374	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 113	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 425	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 425	\$ 7,500,000
	Pratt - Barber County 138kV	6/1/2008	6/1/2012			\$ 5,922	\$ 23,300,000
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012			\$ 1,017	\$ 4,000,000
	RICE_CO 115kV	6/1/2008	6/1/2010			\$ 57,789	\$ 1,000,000
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 13,946	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 18,420	\$ 70,000,000
	Spearville - Ford County 115kV	6/1/2008	6/1/2012			\$ 1,958	\$ 19,700,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 6,780	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 4,756	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 1	\$ 158,000
	Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 423	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 175	\$ 10,318,679
						Total	\$ 665,943

Table 2 - 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	COD	EOC	Earliest Service Start Date	Redispatch Available
1353104	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
1353105	WICHITA - RENO 345KV	6/1/2009	6/1/2009		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
1353106	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
MIDW AG3-2007-089

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost	
MIDW	1353107	WR	WR	2	6/1/2008	6/1/2013	6/1/2013	6/1/2018	\$ -	\$ -	\$ 659,962	\$ 643,426,559	
MIDW	1353108	WR	WR	1	6/1/2008	6/1/2013	6/1/2013	6/1/2018	\$ -	\$ -	\$ 329,971	\$ 643,426,559	
MIDW	1353109	WR	WR	1	6/1/2008	6/1/2013	6/1/2013	6/1/2018	\$ -	\$ -	\$ 329,971	\$ 643,426,559	
										\$ -	\$ -	\$ 1,319,904	\$ 1,930,279,677

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1353107	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012			\$ 40,866	\$ 18,400,000
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012			\$ 40,866	\$ 18,400,000
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 13	\$ 90,000
	Concordia - Smith Center 230 kV	6/1/2008	6/1/2013			\$ 126,146	\$ 57,800,000
	Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 86,802	\$ 24,400,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 15,896	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 756	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 2,576	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 2,576	\$ 7,500,000
	Pratt - Barber County 138kV	6/1/2008	6/1/2012			\$ 91,305	\$ 23,300,000
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012			\$ 15,875	\$ 4,000,000
	RICE CO 115KV	6/1/2008	6/1/2010			\$ 2,199	\$ 1,000,000
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 41,724	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 55,107	\$ 70,000,000
	SCOTT CITY - SETAB 115KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -
	SEDGWICK COUNTY NO. 11 KOCH 69KV	12/1/2010	12/1/2010			\$ 389	\$ 162,000
	Spearville - Ford County 115kV	6/1/2008	6/1/2012			\$ 35,599	\$ 19,700,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 41,851	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 29,358	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 6	\$ 158,000
	Summit - Cloud County 345 kV WEPL	6/1/2008	6/1/2013			\$ 15,588	\$ 45,600,000
	Summit - Cloud County 345 kV WERE	6/1/2008	6/1/2013			\$ 11,315	\$ 33,100,000
	Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 2,371	\$ 24,875,000
TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 978	\$ 10,318,679	
Total						\$ 659,962	\$ 643,426,559
1353108	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012			\$ 20,432	\$ 18,400,000
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012			\$ 20,432	\$ 18,400,000
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 6	\$ 90,000
	Concordia - Smith Center 230 kV	6/1/2008	6/1/2013			\$ 63,073	\$ 57,800,000
	Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 43,398	\$ 24,400,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 7,949	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 378	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 1,288	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 1,288	\$ 7,500,000
	Pratt - Barber County 138kV	6/1/2008	6/1/2012			\$ 45,650	\$ 23,300,000
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012			\$ 7,837	\$ 4,000,000
	RICE CO 115KV	6/1/2008	6/1/2010			\$ 1,099	\$ 1,000,000
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 20,862	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 27,554	\$ 70,000,000
	SCOTT CITY - SETAB 115KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -
	SEDGWICK COUNTY NO. 11 KOCH 69KV	12/1/2010	12/1/2010			\$ 195	\$ 162,000
	Spearville - Ford County 115kV	6/1/2008	6/1/2012			\$ 17,797	\$ 19,700,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 20,926	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 14,679	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 3	\$ 158,000
	Summit - Cloud County 345 kV WEPL	6/1/2008	6/1/2013			\$ 7,794	\$ 45,600,000
	Summit - Cloud County 345 kV WERE	6/1/2008	6/1/2013			\$ 5,657	\$ 33,100,000
	Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 1,186	\$ 24,875,000
TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 489	\$ 10,318,679	
Total						\$ 329,971	\$ 643,426,559

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

1353109	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012		\$ 20,432	\$ 18,400,000
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012		\$ 20,432	\$ 18,400,000
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012		\$ 6	\$ 90,000
	Concordia - Smith Center 230 kV	6/1/2008	6/1/2013		\$ 63,073	\$ 57,800,000
	Ford County - Pratt 115kV	6/1/2008	6/1/2012		\$ 43,398	\$ 24,400,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013		\$ 7,948	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013		\$ 378	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013		\$ 1,288	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013		\$ 1,288	\$ 7,500,000
	Pratt - Barber County 138kV	6/1/2008	6/1/2012		\$ 45,650	\$ 23,300,000
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012		\$ 7,837	\$ 4,000,000
	RICE_CO 115KV	6/1/2008	6/1/2010		\$ 1,099	\$ 1,000,000
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013		\$ 20,862	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013		\$ 27,554	\$ 70,000,000
	SCOTT CITY - SETAB 115KV CKT 1	12/1/2009	12/1/2009		\$ -	\$ -
	SEDGWICK COUNTY NO. 11 KOCH 69KV	12/1/2010	12/1/2010		\$ 195	\$ 162,000
	Spearville - Ford County 115kV	6/1/2008	6/1/2012		\$ 17,797	\$ 19,700,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013		\$ 20,926	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013		\$ 14,679	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013		\$ 3	\$ 158,000
	Summit - Cloud County 345 kV WEPL	6/1/2008	6/1/2013		\$ 7,794	\$ 45,600,000
	Summit - Cloud County 345 kV WERE	6/1/2008	6/1/2013		\$ 5,657	\$ 33,100,000
	Tuco - Toik 345kV	10/1/2008	6/1/2013		\$ 1,186	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013		\$ 489	\$ 10,318,679
				Total	\$ 329,971	\$ 643,426,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1353107	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		
1353108	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		
1353109	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Table 2 - 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	Total Allocated Cost	Total Cost
MIDW	1353110	WR	WR	25	3/1/2008	3/1/2027	6/1/2013	6/1/2032	\$ 450,000	\$ -	\$ 6,628,122	\$ 914,566,559
									\$ 450,000	\$ -	\$ 6,628,122	\$ 914,566,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	
1353110	59TH ST - EL PASO 138KV CKT 1	10/1/2008	10/1/2008			\$ -	\$ -	
	Barber County - Evans South 138KV WEPL	6/1/2008	6/1/2012			\$ 133,409	\$ 18,400,000	
	Barber County - Evans South 138KV WERE	6/1/2008	6/1/2012			\$ 133,409	\$ 18,400,000	
	Concordia - Smith Center 230 kv	6/1/2008	6/1/2013			\$ 1,611,867	\$ 57,800,000	
	Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 102,716	\$ 24,400,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 14,726	\$ 127,000,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 14,726	\$ 127,000,000	
	GILL ENERGY CENTER WEST - WACO 138KV CKT 1	6/1/2013	6/1/2013			\$ -	\$ -	
	LYONS - WHEATLAND 115KV CKT 1	6/1/2008	6/1/2011			\$ 2,148,929	\$ 8,730,000	
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 30,902	\$ 127,000,000	
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 73,263	\$ 105,122,880	
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 3,485	\$ 5,000,000	
	Mooreland 345/138 kv Transformer CKT 1	10/1/2008	6/1/2013			\$ 13,190	\$ 7,500,000	
	Mooreland 345/138 kv Transformer CKT 2	10/1/2008	6/1/2013			\$ 13,190	\$ 7,500,000	
	Pratt - Barber County 138kv	6/1/2008	6/1/2012			\$ 249,344	\$ 23,300,000	
	Pratt 115/138 kv XFMR	6/1/2008	6/1/2012			\$ 42,806	\$ 4,000,000	
	RICE_CO 115KV	6/1/2008	6/1/2010			\$ 227,329	\$ 1,000,000	
	RULETON 115KV Capacitor	6/1/2008	6/1/2010			\$ 59,718	\$ 500,000	
	SEDGWICK COUNTY NO. 11 KOCH 69KV	12/1/2010	12/1/2010			\$ 14,168	\$ 162,000	
	Spearville - Ford County 115kV	6/1/2008	6/1/2012			\$ 143,226	\$ 19,700,000	
	Spearville - Mooreland 345 kv SUNC	10/1/2008	6/1/2013			\$ 206,905	\$ 67,000,000	
	Spearville - Mooreland 345 kv WFEC	10/1/2008	6/1/2013			\$ 145,142	\$ 47,000,000	
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 43	\$ 158,000	
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2010	6/1/2011			\$ 146,965	\$ 4,000,000	
	Summit - Cloud County 345 kv WEPL	6/1/2008	6/1/2013			\$ 622,784	\$ 45,600,000	
	Summit - Cloud County 345 kv WERE	6/1/2008	6/1/2013			\$ 452,065	\$ 33,100,000	
	Tuco - Tolk 345KV	10/1/2008	6/1/2013			\$ 16,841	\$ 24,875,000	
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 6,974	\$ 10,318,679	
						Total	\$ 6,628,122	\$ 914,566,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1353110	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
NTEC AG3-2007-093

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
NTEC	1353206	KCPL	CSWS	50	1/1/2010	1/1/2015	6/1/2013	6/1/2018	\$ -	\$ -	\$ 9,643,902	\$ 796,494,559
NTEC	1353207	KCPL	CSWS	50	1/1/2010	1/1/2015	6/1/2013	6/1/2018	\$ -	\$ -	\$ 9,643,902	\$ 796,494,559
NTEC	1353208	KCPL	CSWS	50	1/1/2010	1/1/2015	6/1/2013	6/1/2018	\$ -	\$ -	\$ 9,643,902	\$ 796,494,559
NTEC	1353209	KCPL	CSWS	50	1/1/2010	1/1/2015	6/1/2013	6/1/2018	\$ -	\$ -	\$ 9,643,902	\$ 796,494,559
NTEC	1353210	KCPL	CSWS	50	1/1/2010	1/1/2015	6/1/2013	6/1/2018	\$ -	\$ -	\$ 9,643,902	\$ 796,494,559
											\$ -	\$ -
											\$ 48,219,510	\$ 3,982,472,795

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1353206	AVOCA - BEAVER 161KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	BIG SANDY - HAWKINS 69KV CKT 1	6/1/2017	6/1/2017			\$ 216,025	\$ 2,700,000
	BUCYRUS - STILWELL 161KV CKT 1	12/1/2012	12/1/2012			\$ 8,372	\$ 180,000
	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	CARROLL 230/138KV TRANSFORMER CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	CARTHAGE REC POD - ROCK HILL 138KV CKT 1	6/1/2012	6/1/2012			\$ 3,979	\$ 50,000
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 354	\$ 90,000
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	COLFAX - RODEMACHER 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	DIANA (DIANA 2) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012			\$ 163,963	\$ 4,000,000
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	FLINT CREEK (FLINTCK1) 345/161/13.8KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	FLINT CREEK (FLINTCK2) 345/161/13.8KV TRANSFORMER CKT 2	6/1/2017	6/1/2017			\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 2,015,162	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 2,015,162	\$ 127,000,000
	GENERAL MOTORS - SOUTHWEST SHREVEPORT 138KV CKT 1	6/1/2012	6/1/2012			\$ 90,611	\$ 5,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 1,594,411	\$ 127,000,000
	Mooreland - TUCO 345 KV SPS	4/1/2008	6/1/2013			\$ 189,640	\$ 105,122,880
	Mooreland - TUCO 345 KV WFEC	10/1/2008	6/1/2013			\$ 9,020	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 13,345	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 13,345	\$ 7,500,000
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	12/1/2009	12/1/2009			\$ -	\$ -
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 1,161,102	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 1,533,531	\$ 70,000,000
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012			\$ 58,606	\$ 2,000,000
	Speartville - Mooreland 345 KV SJUNC	10/1/2008	6/1/2013			\$ 272,316	\$ 67,000,000
	Speartville - Mooreland 345 KV WFEC	10/1/2008	6/1/2013			\$ 191,029	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 77	\$ 158,000
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2010	6/1/2011			\$ 52,077	\$ 4,000,000
	SUB 349 - ASBURY - SUB 366 - CARL JUNCTION 161KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	12/1/2012	12/1/2012			\$ -	\$ -
	Tuco - Tolk 345KV	10/1/2008	6/1/2013			\$ 29,499	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 12,274	\$ 10,318,679
					Total	\$ 9,643,902	\$ 796,494,559

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

1353207	AVOCA - BEAVER 161KV CKT 1	6/1/2017	6/1/2017		\$ -	\$ -
	BIG SANDY - HAWKINS 69KV CKT 1	6/1/2017	6/1/2017		\$ 216,025	\$ 2,700,000
	BUCYRUS - STILWELL 161KV CKT 1	12/1/2012	12/1/2012		\$ 8,372	\$ 180,000
	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	CARROLL 230/138KV TRANSFORMER CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	CARTHAGE REC POD - ROCK HILL 138KV CKT 1	6/1/2012	6/1/2012		\$ 3,979	\$ 50,000
	CHAMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012		\$ 354	\$ 90,000
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	COLFAX - RODEMACHER 230KV CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	DIANA (DIANA 2) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012		\$ 163,963	\$ 4,000,000
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	FLINT CREEK (FLINTCK1) 345/161/13.8KV TRANSFORMER CKT 1	6/1/2017	6/1/2017		\$ -	\$ -
	FLINT CREEK (FLINTCK2) 345/161/13.8KV TRANSFORMER CKT 2	6/1/2017	6/1/2017		\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013		\$ 2,015,162	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013		\$ 2,015,162	\$ 127,000,000
	GENERAL MOTORS - SOUTHWEST SHREVEPORT 138KV CKT 1	6/1/2012	6/1/2012		\$ 90,611	\$ 5,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013		\$ 1,594,411	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013		\$ 189,640	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013		\$ 9,020	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013		\$ 13,345	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013		\$ 13,345	\$ 7,500,000
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	12/1/2009	12/1/2009		\$ -	\$ -
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013		\$ 1,161,102	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013		\$ 1,533,531	\$ 70,000,000
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012		\$ 58,606	\$ 2,000,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013		\$ 272,318	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013		\$ 191,029	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013		\$ 77	\$ 158,000
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2010	6/1/2011		\$ 52,077	\$ 4,000,000
	SUB 349 - ASBURY - SUB 366 - CARL JUNCTION 161KV CKT 1	12/1/2009	12/1/2009		\$ -	\$ -
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	12/1/2012	12/1/2012		\$ -	\$ -
	Tuco - Tolk 345kV	10/1/2008	6/1/2013		\$ 29,499	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013		\$ 12,274	\$ 10,318,679
				Total	\$ 9,643,902	\$ 796,494,659
1353208	AVOCA - BEAVER 161KV CKT 1	6/1/2017	6/1/2017		\$ -	\$ -
	BIG SANDY - HAWKINS 69KV CKT 1	6/1/2017	6/1/2017		\$ 216,025	\$ 2,700,000
	BUCYRUS - STILWELL 161KV CKT 1	12/1/2012	12/1/2012		\$ 8,372	\$ 180,000
	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	CARROLL 230/138KV TRANSFORMER CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	CARTHAGE REC POD - ROCK HILL 138KV CKT 1	6/1/2012	6/1/2012		\$ 3,979	\$ 50,000
	CHAMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012		\$ 354	\$ 90,000
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	COLFAX - RODEMACHER 230KV CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	DIANA (DIANA 2) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012		\$ 163,963	\$ 4,000,000
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	FLINT CREEK (FLINTCK1) 345/161/13.8KV TRANSFORMER CKT 1	6/1/2017	6/1/2017		\$ -	\$ -
	FLINT CREEK (FLINTCK2) 345/161/13.8KV TRANSFORMER CKT 2	6/1/2017	6/1/2017		\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013		\$ 2,015,162	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013		\$ 2,015,162	\$ 127,000,000
	GENERAL MOTORS - SOUTHWEST SHREVEPORT 138KV CKT 1	6/1/2012	6/1/2012		\$ 90,611	\$ 5,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013		\$ 1,594,411	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013		\$ 189,640	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013		\$ 9,020	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013		\$ 13,345	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013		\$ 13,345	\$ 7,500,000
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	12/1/2009	12/1/2009		\$ -	\$ -
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013		\$ 1,161,102	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013		\$ 1,533,531	\$ 70,000,000
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012		\$ 58,606	\$ 2,000,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013		\$ 272,318	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013		\$ 191,029	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013		\$ 77	\$ 158,000
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2010	6/1/2011		\$ 52,077	\$ 4,000,000
	SUB 349 - ASBURY - SUB 366 - CARL JUNCTION 161KV CKT 1	12/1/2009	12/1/2009		\$ -	\$ -
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	12/1/2012	12/1/2012		\$ -	\$ -
	Tuco - Tolk 345kV	10/1/2008	6/1/2013		\$ 29,499	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013		\$ 12,274	\$ 10,318,679
				Total	\$ 9,643,902	\$ 796,494,659

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

1353209	AVOCA - BEAVER 161KV CKT 1	6/1/2017	6/1/2017		\$ -	\$ -
	BIG SANDY - HAWKINS 69KV CKT 1	6/1/2017	6/1/2017		\$ 216,025	\$ 2,700,000
	BUCYRUS - STILWELL 161KV CKT 1	12/1/2012	12/1/2012		\$ 8,372	\$ 180,000
	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	CARROLL 230/138KV TRANSFORMER CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	CARTHAGE REC POD - ROCK HILL 138KV CKT 1	6/1/2012	6/1/2012		\$ 3,979	\$ 50,000
	CHAMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012		\$ 354	\$ 90,000
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	COLFAX - RODEMACHER 230KV CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	DIANA (DIANA 2) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012		\$ 163,963	\$ 4,000,000
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	FLINT CREEK (FLINTCK1) 345/161/13.8KV TRANSFORMER CKT 1	6/1/2017	6/1/2017		\$ -	\$ -
	FLINT CREEK (FLINTCK2) 345/161/13.8KV TRANSFORMER CKT 2	6/1/2017	6/1/2017		\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013		\$ 2,015,162	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013		\$ 2,015,162	\$ 127,000,000
	GENERAL MOTORS - SOUTHWEST SHREVEPORT 138KV CKT 1	6/1/2012	6/1/2012		\$ 90,611	\$ 5,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013		\$ 1,594,411	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013		\$ 189,640	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013		\$ 9,020	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013		\$ 13,345	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013		\$ 13,345	\$ 7,500,000
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	12/1/2009	12/1/2009		\$ -	\$ -
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013		\$ 1,161,102	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013		\$ 1,533,531	\$ 70,000,000
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012		\$ 58,606	\$ 2,000,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013		\$ 272,318	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013		\$ 191,029	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013		\$ 77	\$ 158,000
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2010	6/1/2011		\$ 52,077	\$ 4,000,000
	SUB 349 - ASBURY - SUB 366 - CARL JUNCTION 161KV CKT 1	12/1/2009	12/1/2009		\$ -	\$ -
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	12/1/2012	12/1/2012		\$ -	\$ -
	Tuco - Tolk 345kV	10/1/2008	6/1/2013		\$ 29,499	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013		\$ 12,274	\$ 10,318,679
				Total	\$ 9,643,902	\$ 796,494,659
1353210	AVOCA - BEAVER 161KV CKT 1	6/1/2017	6/1/2017		\$ -	\$ -
	BIG SANDY - HAWKINS 69KV CKT 1	6/1/2017	6/1/2017		\$ 216,025	\$ 2,700,000
	BUCYRUS - STILWELL 161KV CKT 1	12/1/2012	12/1/2012		\$ 8,372	\$ 180,000
	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	CARROLL 230/138KV TRANSFORMER CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	CARTHAGE REC POD - ROCK HILL 138KV CKT 1	6/1/2012	6/1/2012		\$ 3,979	\$ 50,000
	CHAMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012		\$ 354	\$ 90,000
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012		\$ -	\$ -
	COLFAX - RODEMACHER 230KV CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	DIANA (DIANA 2) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012		\$ 163,963	\$ 4,000,000
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012		\$ -	\$ -
	FLINT CREEK (FLINTCK1) 345/161/13.8KV TRANSFORMER CKT 1	6/1/2017	6/1/2017		\$ -	\$ -
	FLINT CREEK (FLINTCK2) 345/161/13.8KV TRANSFORMER CKT 2	6/1/2017	6/1/2017		\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013		\$ 2,015,162	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013		\$ 2,015,162	\$ 127,000,000
	GENERAL MOTORS - SOUTHWEST SHREVEPORT 138KV CKT 1	6/1/2012	6/1/2012		\$ 90,611	\$ 5,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013		\$ 1,594,411	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013		\$ 189,640	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013		\$ 9,020	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013		\$ 13,345	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013		\$ 13,345	\$ 7,500,000
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	12/1/2009	12/1/2009		\$ -	\$ -
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013		\$ 1,161,102	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013		\$ 1,533,531	\$ 70,000,000
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012		\$ 58,606	\$ 2,000,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013		\$ 272,318	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013		\$ 191,029	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013		\$ 77	\$ 158,000
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2010	6/1/2011		\$ 52,077	\$ 4,000,000
	SUB 349 - ASBURY - SUB 366 - CARL JUNCTION 161KV CKT 1	12/1/2009	12/1/2009		\$ -	\$ -
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	12/1/2012	12/1/2012		\$ -	\$ -
	Tuco - Tolk 345kV	10/1/2008	6/1/2013		\$ 29,499	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013		\$ 12,274	\$ 10,318,679
				Total	\$ 9,643,902	\$ 796,494,659

Table 2 - 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	COD	EOC	Earliest Service Start Date	Redispatch Available
1353206	ALUMAX TAP - BANN 138KV CKT 1	6/1/2008	6/1/2008		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
1353207	ALUMAX TAP - BANN 138KV CKT 1	6/1/2008	6/1/2008		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
1353208	ALUMAX TAP - BANN 138KV CKT 1	6/1/2008	6/1/2008		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
1353209	ALUMAX TAP - BANN 138KV CKT 1	6/1/2008	6/1/2008		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
1353210	ALUMAX TAP - BANN 138KV CKT 1	6/1/2008	6/1/2008		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
NTEC AG3-2007-094

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
NTEC	1353211	WR	CSWS	100	1/1/2010	1/1/2015	6/1/2013	6/1/2018	\$ -	\$ -	\$ 23,598,995	\$ 792,314,559
NTEC	1353212	WR	CSWS	100	1/1/2010	1/1/2015	6/1/2013	6/1/2018	\$ -	\$ -	\$ 23,598,995	\$ 792,314,559
									\$ -	\$ -	\$ 47,197,990	\$ 1,584,629,118

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1353211	BIG SANDY - HAWKINS 69KV CKT 1	6/1/2017	6/1/2017			\$ 432,050	\$ 2,700,000
	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	CARROLL 230/138KV TRANSFORMER CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	CARTHAGE REC POD - ROCK HILL 138KV CKT 1	6/1/2012	6/1/2012			\$ 7,989	\$ 50,000
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 736	\$ 90,000
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	COLFAX - RODEMACHER 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	DIANA (DIANA 2) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012			\$ 329,550	\$ 4,000,000
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	FLINT CREEK (FLINTCK1) 345/161/13.8KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	FLINT CREEK (FLINTCK2) 345/161/13.8KV TRANSFORMER CKT 2	6/1/2017	6/1/2017			\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 4,161,132	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 4,161,132	\$ 127,000,000
	GENERAL MOTORS - SOUTHWEST SHREVEPORT 138KV CKT 1	6/1/2012	6/1/2012			\$ 178,707	\$ 5,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 2,717,822	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 487,690	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 23,196	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 29,784	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 29,784	\$ 7,500,000
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	12/1/2009	12/1/2009			\$ -	\$ -
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 4,199,547	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 5,546,572	\$ 70,000,000
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012			\$ 117,242	\$ 2,000,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 641,119	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 449,740	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 153	\$ 158,000
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	12/1/2012	12/1/2012			\$ -	\$ -
	Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 60,129	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 24,921	\$ 10,318,679
					Total	\$ 23,598,995	\$ 792,314,559
1353212	BIG SANDY - HAWKINS 69KV CKT 1	6/1/2017	6/1/2017			\$ 432,050	\$ 2,700,000
	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	CARROLL 230/138KV TRANSFORMER CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	CARTHAGE REC POD - ROCK HILL 138KV CKT 1	6/1/2012	6/1/2012			\$ 7,989	\$ 50,000
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 736	\$ 90,000
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	COLFAX - RODEMACHER 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	DIANA (DIANA 2) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012			\$ 329,550	\$ 4,000,000
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	FLINT CREEK (FLINTCK1) 345/161/13.8KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	FLINT CREEK (FLINTCK2) 345/161/13.8KV TRANSFORMER CKT 2	6/1/2017	6/1/2017			\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 4,161,132	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 4,161,132	\$ 127,000,000
	GENERAL MOTORS - SOUTHWEST SHREVEPORT 138KV CKT 1	6/1/2012	6/1/2012			\$ 178,707	\$ 5,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 2,717,822	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 487,690	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 23,196	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 29,784	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 29,784	\$ 7,500,000
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	12/1/2009	12/1/2009			\$ -	\$ -
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 4,199,547	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 5,546,572	\$ 70,000,000
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012			\$ 117,242	\$ 2,000,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 641,119	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 449,740	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 153	\$ 158,000
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	12/1/2012	12/1/2012			\$ -	\$ -
	Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 60,129	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 24,921	\$ 10,318,679
					Total	\$ 23,598,995	\$ 792,314,559

Table 2 - 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	COD	EOC	Earliest Service Start Date	Redispatch Available
1353211	ALUMAX TAP - BANN 138KV CKT 1	6/1/2008	6/1/2008		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		
1353212	ALUMAX TAP - BANN 138KV CKT 1	6/1/2008	6/1/2008		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
NTEC AG3-2007-096

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
NTEC	1353214	OKGE	CSWS	100	1/1/2010	1/1/2015	6/1/2013	6/1/2018	\$ -	\$ -	\$ 11,864,517	\$ 669,689,559
									\$ -	\$ -	\$ 11,864,517	\$ 669,689,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	
1353214	AVOCA - BEAVER 161KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -	
	BIG SANDY - HAWKINS 69KV CKT 1	6/1/2017	6/1/2017			\$ 431,870	\$ 2,700,000	
	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -	
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -	
	CARROLL 230/138KV TRANSFORMER CKT 1	6/1/2009	6/1/2012			\$ -	\$ -	
	CARTHAGE REC POD - ROCK HILL 138KV CKT 1	6/1/2012	6/1/2012			\$ 8,072	\$ 50,000	
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 6,290	\$ 90,000	
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -	
	COLFAX - RODEMACHER 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -	
	DIANA (DIANA 2) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012			\$ 333,713	\$ 4,000,000	
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012			\$ -	\$ -	
	FLINT CREEK (FLINTCK1) 345/161/13.8KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			\$ -	\$ -	
	FLINT CREEK (FLINTCK2) 345/161/13.8KV TRANSFORMER CKT 2	6/1/2017	6/1/2017			\$ -	\$ -	
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 4,142,056	\$ 127,000,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 4,142,056	\$ 127,000,000	
	GENERAL MOTORS - SOUTHWEST SHREVEPORT 138KV CKT 1	6/1/2012	6/1/2012			\$ 282,610	\$ 5,000,000	
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 1,550,084	\$ 127,000,000	
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 34,679	\$ 105,122,880	
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 1,649	\$ 5,000,000	
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 29,264	\$ 7,500,000	
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 29,264	\$ 7,500,000	
	PARK LANE - SEMINOLE 138KV CKT 1	6/1/2012	6/1/2012			\$ 43,900	\$ 300,000	
	SEMINOLE - VANOSS 138KV CKT 1	6/1/2017	6/1/2017			\$ 18,089	\$ 75,000	
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012			\$ 120,736	\$ 2,000,000	
	Spearville - Mooreland 345 KV SUNC	10/1/2008	6/1/2013			\$ 384,154	\$ 67,000,000	
	Spearville - Mooreland 345 KV WFEC	10/1/2008	6/1/2013			\$ 269,481	\$ 47,000,000	
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 67	\$ 158,000	
	Tuco - Toik 345KV	10/1/2008	6/1/2013			\$ 25,882	\$ 24,875,000	
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 10,601	\$ 10,318,679	
						Total	\$ 11,864,517	\$ 669,689,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1353214	ALUMAX TAP - BANN 138KV CKT 1	6/1/2008	6/1/2008		
	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
NTEC AG3-2007-097

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
NTEC	1353215	OKGE	CSWS	75	1/1/2010	1/1/2015	6/1/2013	6/1/2018	\$ -	\$ -	\$ 8,810,132	\$ 669,614,559
									\$ -	\$ -	\$ 8,810,132	\$ 669,614,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	
1353215	AVOCA - BEAVER 161KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -	
	BIG SANDY - HAWKINS 69KV CKT 1	6/1/2017	6/1/2017			\$ 323,903	\$ 2,700,000	
	CARROLL - MANSFIELD 138KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -	
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -	
	CARROLL 230/138KV TRANSFORMER CKT 1	6/1/2009	6/1/2012			\$ -	\$ -	
	CARTHAGE REC POD - ROCK HILL 138KV CKT 1	6/1/2012	6/1/2012			\$ 6,054	\$ 50,000	
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 8,155	\$ 90,000	
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -	
	COLFAX - RODEMACHER 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -	
	DIANA (DIANA 2) 345/138/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012			\$ 250,328	\$ 4,000,000	
	DOLET HILLS 345/230KV TRANSFORMER CKT 1	12/1/2009	6/1/2012			\$ -	\$ -	
	FLINT CREEK (FLINTCK1) 345/161/13.8KV TRANSFORMER CKT 1	6/1/2017	6/1/2017			\$ -	\$ -	
	FLINT CREEK (FLINTCK2) 345/161/13.8KV TRANSFORMER CKT 2	6/1/2017	6/1/2017			\$ -	\$ -	
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 3,020,384	\$ 127,000,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 3,020,384	\$ 127,000,000	
	GENERAL MOTORS - SOUTHWEST SHREVEPORT 138KV CKT 1	6/1/2012	6/1/2012			\$ 212,019	\$ 5,000,000	
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 1,204,010	\$ 127,000,000	
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 37,725	\$ 105,122,880	
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 1,794	\$ 5,000,000	
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 24,437	\$ 7,500,000	
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 24,437	\$ 7,500,000	
	PARK LANE - SEMINOLE 138KV CKT 1	6/1/2012	6/1/2012			\$ 29,308	\$ 300,000	
	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	6/1/2012	6/1/2012			\$ 90,547	\$ 2,000,000	
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 310,054	\$ 67,000,000	
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 217,501	\$ 47,000,000	
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 54	\$ 158,000	
	Tuco - Tolk 345KV	10/1/2008	6/1/2013			\$ 20,599	\$ 24,875,000	
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 8,439	\$ 10,318,679	
						\$ 8,810,132	\$ 669,614,559	
						Total	\$ 8,810,132	\$ 669,614,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1353215	ALUMAX TAP - BANN 138KV CKT 1	6/1/2008	6/1/2008		
	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
 OGE AG3-2007-024

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
OGE	1346533	WFEC	OKGE	120	1/1/2009	1/1/2034	6/1/2013	6/1/2038	\$ 2,160,000	\$ -	\$ 8,392,754	\$ 665,099,559
									\$ 2,160,000	\$ -	\$ 8,392,754	\$ 665,099,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1346533	2002-05T 138.00 - ELK CITY 138KV CKT 1	12/1/2008	11/1/2009			\$ 171,874	\$ 250,000
	BARLING - QUANEX TAP 161KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	BATTLEFIELD - RYEHILL 161KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 SWPA	10/1/2008	10/1/2008			\$ 14,719	\$ 325,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 945,342	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 945,342	\$ 127,000,000
	FT SMITH 500 (FTSMITH3) 500/161/13.8KV TRANSFORMER CKT 3	6/1/2012	6/1/2012			\$ 1,232,901	\$ 9,000,000
	GLASS MOUNTAIN - MOORELAND 138KV CKT 1	6/1/2009	6/1/2009			\$ 12,374	\$ 50,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 492,559	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 514,745	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 24,483	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 157,196	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 157,196	\$ 7,500,000
	Spearville - Mooreland 345 kV SJNC	10/1/2008	6/1/2013			\$ 1,785,353	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 1,252,832	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 1,178	\$ 158,000
	Tuco - Talk 345kV	10/1/2008	6/1/2013			\$ 469,817	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 214,243	\$ 10,318,679
					Total	\$ 8,392,754	\$ 665,099,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1346533	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	KNOBHILL (KNOBHIL4) 138/69/13.2KV TRANSFORMER CKT 1	6/1/2006	6/1/2008		

Table 2 - 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	Total Allocated Cost	Total Cost
OMPA	1350945	OKGE	OKGE	23	5/1/2008	5/1/2017	6/1/2013	6/1/2022	\$ 2,610,000	\$ -	\$ 1,193,821	\$ 656,414,559
									\$ 2,610,000	\$ -	\$ 1,193,821	\$ 656,414,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1350945	BLUERIVER - PARK LANE 138KV CKT 1	6/1/2017	6/1/2017			\$ 75,000	\$ 75,000
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 637	\$ 90,000
	CONTINENTAL BLACKS - OSAGE 69KV CKT 1	6/1/2012	6/1/2012			\$ 300,000	\$ 300,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 191,219	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 191,219	\$ 127,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT 1	4/1/2008	6/1/2013			\$ 179,248	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 90,899	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 4,323	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 2,078	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 2,078	\$ 7,500,000
	OKMULGEE - RIVERSIDE STATION 138KV CKT 1	6/1/2012	6/1/2012			\$ 2,093	\$ 100,000
	PARK LANE - SEMINOLE 138KV CKT 1	6/1/2012	6/1/2012			\$ 10,447	\$ 300,000
	SEMINOLE - VANOSS 138KV CKT 1	6/1/2017	6/1/2017			\$ 6,905	\$ 75,000
	Speartville - Mooreland 345 kV SJUNC	10/1/2008	6/1/2013			\$ 74,156	\$ 67,000,000
	Speartville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 52,020	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 21	\$ 158,000
	Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 8,163	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 3,315	\$ 10,318,679
					Total	\$ 1,193,821	\$ 656,414,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1350945	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		

Table 2 - 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	Total Allocated Cost	Total Cost
PWX	1331353	BLKW	KCPL	52	1/1/2010	1/1/2011	6/1/2013	6/1/2014	\$ -	\$ 549,120	\$ 9,804,333	\$ 659,356,559
									\$ -	\$ 549,120	\$ 9,804,333	\$ 659,356,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1331353	CARLISLE INTERCHANGE - DOUD SUB 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	CRAIG - LENEXA NORTH 161KV CKT 1	6/1/2013	6/1/2013			\$ 385,539	\$ 1,600,000
	CRAIG - LENEXA SOUTH 161KV CKT 1	6/1/2010	6/1/2010			\$ 26,045	\$ 192,000
	CURRY COUNTY INTERCHANGE - ROOSEVELT COUNTY INTERCHANGE 115KV CKT 2	6/1/2013	6/1/2013			\$ 200,000	\$ 200,000
	DOUD SUB - SOUTH PLAINS REC-YUMA 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 119,581	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 119,581	\$ 127,000,000
	HAWTHORN (HAWT 20) 345/161/13.8KV TRANSFORMER CKT 20	6/1/2010	6/1/2010			\$ -	\$ -
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 720,850	\$ 127,000,000
	MERRIAM - ROELAND PARK 161KV CKT 1	6/1/2010	6/1/2010			\$ 370,688	\$ 1,890,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 3,752,642	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 178,488	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 83,027	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 83,027	\$ 7,500,000
	SOUTH PLAINS REC-YUMA - WOLFFORTH INTERCHANGE 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 861,313	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 604,205	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 5,030	\$ 158,000
	Tuco - Talk 345kV	10/1/2008	6/1/2013			\$ 1,925,912	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 368,405	\$ 10,318,679
Total						\$ 9,804,333	\$ 659,356,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1331353	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
 SPRM AG3-2007-059

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	Total Allocated Cost	Total Cost
SPRM	1352781	WPEK	SPA	25	12/31/2008	12/31/2023	6/1/2013	6/1/2028	\$ 450,000	\$ -	\$ 15,191,089	\$ 915,600,559
									\$ 450,000	\$ -	\$ 15,191,089	\$ 915,600,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1352781	BUCYRUS - STILWELL 161KV CKT 1	12/1/2012	12/1/2012			\$ 2,624	\$ 180,000
	CARTHAGE - SUB 395 - CARTHAGE SOUTHWEST 161KV CKT 1 EMDE	6/1/2008	6/1/2008			\$ -	\$ -
	CARTHAGE - SUB 395 - CARTHAGE SOUTHWEST 161KV CKT 1 SWPA	12/1/2008	12/1/2008			\$ -	\$ -
	CLAY - SPRINGFIELD 161KV CKT 1	12/1/2011	12/1/2011			\$ 200,000	\$ 200,000
	CLAY - SPRINGFIELD 161KV CKT 1 SWPA	12/1/2012	12/1/2012			\$ -	\$ -
	Concordia - Smith Center 230 kv	6/1/2008	6/1/2013			\$ 2,909,474	\$ 57,800,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 68,234	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 68,234	\$ 127,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 107,596	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 95,132	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 4,525	\$ 5,000,000
	Mooreland 345/138 kv Transformer CKT 1	10/1/2008	6/1/2013			\$ 10,758	\$ 7,500,000
	Mooreland 345/138 kv Transformer CKT 2	10/1/2008	6/1/2013			\$ 10,758	\$ 7,500,000
	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	12/1/2009	12/1/2009			\$ -	\$ -
	NORFORK - SOUTHLAND AEC 161KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 364,190	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 481,006	\$ 70,000,000
	SOUTHWEST - SOUTHWEST DISPOSAL 161KV CKT 1	12/1/2010	12/1/2010			\$ 204,059	\$ 246,000
	Spearville - Mooreland 345 kv SUNC	10/1/2008	6/1/2013			\$ 189,653	\$ 67,000,000
	Spearville - Mooreland 345 kv WFEC	10/1/2008	6/1/2013			\$ 133,040	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 36	\$ 158,000
	SUB 349 - ASBURY - SUB 366 - CARL JUNCTION 161KV CKT 1	12/1/2009	12/1/2009			\$ -	\$ -
	SUB 452 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	12/1/2012	12/1/2012			\$ -	\$ -
	Summit - Cloud County 345 kv WEPL	6/1/2008	6/1/2013			\$ 5,980,754	\$ 45,600,000
	Summit - Cloud County 345 kv WERE	6/1/2008	6/1/2013			\$ 4,341,293	\$ 33,100,000
	Tuco - Tolk 345KV	10/1/2008	6/1/2013			\$ 13,958	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 5,765	\$ 10,318,679
						\$ 15,191,089	\$ 915,600,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1352781	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		

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

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

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1353054	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
1353055	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		

Table 2 - 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	Total Allocated Cost	Total Cost
SPSM	1353057	WPEK	KCPL	50	6/1/2010	6/1/2012			\$ -	\$ 836,000	\$ 4,728,877	\$ 274,474,559
SPSM	1353059	WPEK	KCPL	50	6/1/2010	6/1/2012			\$ -	\$ 836,000	\$ 4,728,877	\$ 274,474,559
									\$ -	\$ 1,672,000	\$ 9,457,754	\$ 548,949,118

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1353057	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 881,653	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 41,934	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 119,868	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 119,868	\$ 7,500,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 2,020,970	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 1,417,695	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 232	\$ 158,000
	Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 89,741	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 36,916	\$ 10,318,679
					Total	\$ 4,728,877	\$ 274,474,559
1353059	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 881,653	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 41,934	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 119,868	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 119,868	\$ 7,500,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 2,020,970	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 1,417,695	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 232	\$ 158,000
	Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 89,741	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 36,916	\$ 10,318,679
					Total	\$ 4,728,877	\$ 274,474,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1353057	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
1353059	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
WFEC AG3-2007-039

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
WFEC	1351219	OKGE	WFEC	200	2/1/2008	2/1/2016	6/1/2013	6/1/2021	\$ -	\$ -	\$ 27,055,104	\$ 661,319,559
											\$ -	\$ -

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	
1351219	BROWN - BROWN 138KV CKT 1	6/1/2017	6/1/2017			\$ 296,183	\$ 750,000	
	CANADIAN - CANADIAN SW 138KV CKT 1	6/1/2012	6/1/2012			\$ 204,210	\$ 600,000	
	CANADIAN SW - LIDDELL4 138KV CKT 1	6/1/2012	6/1/2012			\$ -	\$ -	
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 16,076	\$ 90,000	
	CLINTON JUNCTION - CLINTON NATURAL GAS TAP 138KV CKT 1	6/1/2012	6/1/2012			\$ 39,986	\$ 150,000	
	EL RENO - EL RENO SW 69KV CKT 1	12/1/2007	6/1/2012			\$ 565,422	\$ 1,500,000	
	FAIRMONT TAP - WOODRING 138KV CKT 1	6/1/2008	6/1/2012			\$ 253,906	\$ 850,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 2,317,656	\$ 127,000,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 2,317,656	\$ 127,000,000	
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 1,415,345	\$ 127,000,000	
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 6,449,624	\$ 105,122,880	
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 306,766	\$ 5,000,000	
	Mooreland 345/138 kv Transformer CKT 1	10/1/2008	6/1/2013			\$ 737,106	\$ 7,500,000	
	Mooreland 345/138 kv Transformer CKT 2	10/1/2008	6/1/2013			\$ 737,106	\$ 7,500,000	
	PARK LANE - SEMINOLE 138KV CKT 1	6/1/2012	6/1/2012			\$ 118,063	\$ 300,000	
	RUSSETT - SPRINGDALE 138KV CKT 1	6/1/2017	6/1/2017			\$ 8,948	\$ 30,000	
	SEMINOLE - VANOSS 138KV CKT 1	6/1/2017	6/1/2017			\$ 50,006	\$ 75,000	
	Spearville - Mooreland 345 kV SLINC	10/1/2008	6/1/2013			\$ 6,287,067	\$ 67,000,000	
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 4,410,331	\$ 47,000,000	
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 125	\$ 158,000	
	Tuco - Tolk 345kV	10/1/2008	6/1/2013			\$ 50,635	\$ 24,875,000	
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 24,177	\$ 10,318,679	
	WAUKOMIS TAP - WOODRING 138KV CKT 1	6/1/2008	6/1/2012			\$ 448,710	\$ 1,500,000	
						Total	\$ 27,055,104	\$ 661,319,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1351219	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		
	FPL SWITCH - MOORELAND 138KV CKT 1 OKGE	6/1/2006	4/1/2008		
	FPL SWITCH - MOORELAND 138KV CKT 1 WFEC	6/1/2006	4/1/2008		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
WFEC AG3-2007-041

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
WFEC	1351229	CSWS	WFEC	200	2/1/2008	2/1/2016	6/1/2013	6/1/2021	\$ -	\$ -	\$ 18,491,936	\$ 784,429,559
									\$ -	\$ -	\$ 18,491,936	\$ 784,429,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1351229	BROWN - BROWN 138KV CKT 1	6/1/2017	6/1/2017			\$ 247,920	\$ 750,000
	CANADIAN - CANADIAN SW 138KV CKT 1	6/1/2012	6/1/2012			\$ 97,491	\$ 600,000
	CANADIAN SW - LIDDELL4 138KV CKT 1	6/1/2012	6/1/2012			\$ -	\$ -
	CARROLL - MESSICK 230KV CKT 1	12/1/2009	6/1/2012			\$ -	\$ -
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 3,662	\$ 90,000
	CLARENCE - MESSICK 230KV CKT 1	6/1/2009	6/1/2012			\$ -	\$ -
	CLINTON JUNCTION - CLINTON NATURAL GAS TAP 138KV CKT 1	6/1/2012	6/1/2012			\$ 17,517	\$ 150,000
	EL RENO - EL RENO SW 69KV CKT 1	12/1/2007	6/1/2012			\$ 263,638	\$ 1,500,000
	FAIRMONT TAP - WOODRING 138KV CKT 1	6/1/2008	6/1/2012			\$ 118,625	\$ 850,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 2,065,263	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 2,065,263	\$ 127,000,000
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 990,624	\$ 127,000,000
	Mooreland - TUCO 345 KV SPS	4/1/2008	6/1/2013			\$ 3,151,081	\$ 105,122,880
	Mooreland - TUCO 345 KV WFEC	10/1/2008	6/1/2013			\$ 149,876	\$ 5,000,000
	Mooreland 345/138 kv Transformer CKT 1	10/1/2008	6/1/2013			\$ 386,602	\$ 7,500,000
	Mooreland 345/138 kv Transformer CKT 2	10/1/2008	6/1/2013			\$ 386,602	\$ 7,500,000
	OKMULGEE - RIVERSIDE STATION 138KV CKT 1	6/1/2012	6/1/2012			\$ 18,955	\$ 100,000
	PARK LANE - SEMINOLE 138KV CKT 1	6/1/2012	6/1/2012			\$ 38,445	\$ 300,000
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 1,022,866	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 1,350,955	\$ 70,000,000
	RUSSETT - SPRINGDALE 138KV CKT 1	6/1/2017	6/1/2017			\$ 4,201	\$ 30,000
	SAND SPRINGS - SAPULPA ROAD 138KV CKT 1	6/1/2017	6/1/2017			\$ -	\$ -
	SAND SPRINGS - SHEFFIELD 138KV CKT 1	6/1/2017	6/1/2017			\$ 20,130	\$ 85,000
	Spearville - Mooreland 345 KV SUNC	10/1/2008	6/1/2013			\$ 3,417,144	\$ 67,000,000
	Spearville - Mooreland 345 KV WFEC	10/1/2008	6/1/2013			\$ 2,397,101	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 105	\$ 158,000
	Tuco - Tolk 345KV	10/1/2008	6/1/2013			\$ 41,706	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 17,482	\$ 10,318,679
	WAUKOMIS TAP - WOODRING 138KV CKT 1	6/1/2008	6/1/2012			\$ 218,682	\$ 1,500,000
						Total	\$ 18,491,936 \$ 784,429,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1351229	ARCADIA - REDBUD 345 KV CKT 1	6/1/2006	6/1/2006		
	ARCADIA - REDBUD 345 KV CKT 2	6/1/2006	6/1/2006		
	FPL SWITCH - MOORELAND 138KV CKT 1 OKGE	6/1/2006	4/1/2008		
	FPL SWITCH - MOORELAND 138KV CKT 1 WFEC	6/1/2006	4/1/2008		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
WFEC AG3-2007-042

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost		
WFEC	1351239	WFEC	WFEC	150	5/1/2009	5/1/2039	6/1/2013	6/1/2043	\$ -	\$ -	\$ 25,482,299	\$ 657,544,559		
											\$ -	\$ -	\$ 25,482,299	\$ 657,544,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost	
1351239	2002-05T 138.00 - ELK CITY 138KV CKT 1	12/1/2008	11/1/2009			\$ 50,305	\$ 250,000	
	BROWN - BROWN 138KV CKT 1	6/1/2017	6/1/2017			\$ 205,897	\$ 750,000	
	CANADIAN - CANADIAN SW 138KV CKT 1	6/1/2012	6/1/2012			\$ 135,954	\$ 600,000	
	CANADIAN SW - LIDDELL4 138KV CKT 1	6/1/2012	6/1/2012			\$ -	\$ -	
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 1,119	\$ 90,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 1,384,808	\$ 127,000,000	
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 1,384,808	\$ 127,000,000	
	GLASS MOUNTAIN - MOORELAND 138KV CKT 1	6/1/2009	6/1/2009			\$ 37,626	\$ 50,000	
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 1,663,148	\$ 127,000,000	
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 7,668,223	\$ 105,122,880	
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 364,727	\$ 5,000,000	
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 789,173	\$ 7,500,000	
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 789,173	\$ 7,500,000	
	PARK LANE - SEMINOLE 138KV CKT 1	6/1/2012	6/1/2012			\$ 59,837	\$ 300,000	
	RUSSETT - SPRINGDALE 138KV CKT 1	6/1/2017	6/1/2017			\$ 6,869	\$ 30,000	
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 6,336,117	\$ 67,000,000	
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 4,444,739	\$ 47,000,000	
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 273	\$ 158,000	
	Tuco - Talk 345kV	10/1/2008	6/1/2013			\$ 109,011	\$ 24,875,000	
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 50,492	\$ 10,318,679	
						Total	\$ 25,482,299	\$ 657,544,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1351239	KNOBHILL (KNOBHIL4) 138/69/13.2KV TRANSFORMER CKT 1	6/1/2006	6/1/2008		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
WFEC AG3-2007-075

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost	
WFEC	1353018	WFEC	SPS	400	1/1/2013	1/1/2043	6/1/2013	6/1/2043	-	\$ 208,944,000	\$ 65,311,236	\$ 660,919,559	
									\$	-	\$ 208,944,000	\$ 65,311,236	\$ 660,919,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1353018	2002-05T 138.00 - ELK CITY 138KV CKT 1	12/1/2008	11/1/2009			\$ 27,821	\$ 250,000
	CIMARRON - NORTHWEST 345KV CKT 1	6/1/2012	6/1/2012			\$ 5,815	\$ 90,000
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 AEPW	6/1/2017	6/1/2017			\$ 1,177,943	\$ 4,000,000
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 OKGE	6/1/2017	6/1/2017			\$ 281,234	\$ 955,000
	CLINTON JUNCTION - CLINTON NATURAL GAS TAP 138KV CKT 1	6/1/2012	6/1/2012			\$ 92,497	\$ 150,000
	DUMAS SUB - EXELL TAP 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	DUMAS SUB - MOORE COUNTY INTERCHANGE W. 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 7,811,608	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 7,811,608	\$ 127,000,000
	HOBBS_INT3 115.00 - LEA COUNTY INTERCHANGE 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	HOBBS_INT3 115.00 - MADDOX STATION 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	HOLCOMB (HOLCOMB) 345/115/13.8KV TRANSFORMER CKT 1	12/1/2010	12/1/2010			\$ -	\$ -
	LEA COUNTY INTERCHANGE - MADDOX STATION 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	LUBBOCK POWER & LIGHT-HOLLY PLANT 230/69KV TRANSFORMER CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	LUBBOCK POWER & LIGHT-SOUTHEAST 230/69KV TRANSFORMER CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	LUBBOCK POWER & LIGHT-WADSWORTH 230/69KV TRANSFORMER CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 8,378,031	\$ 127,000,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 22,355,615	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 1,063,309	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 714,823	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 714,823	\$ 7,500,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 2,231,552	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 1,565,417	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 54,725	\$ 158,000
	Tuco - Toik 345kV	10/1/2008	6/1/2013			\$ 6,595,616	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 4,428,799	\$ 10,318,679
					Total	\$ 65,311,236	\$ 660,919,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1353018	HUGO POWER PLANT - VALLIANT 345 KV AEPW	5/1/2010	5/1/2010		
	HUGO POWER PLANT - VALLIANT 345 KV WFEC	5/1/2010	5/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
WFEC AG3-2007-076

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
WFEC	1353020	SPS	WFEC	350	1/1/2013	1/1/2043	6/1/2013	6/1/2043	\$ 63,000,000	\$ 259,560,000	\$ 82,593,028	\$ 782,954,559
									\$ 63,000,000	\$ 259,560,000	\$ 82,593,028	\$ 782,954,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1353020	ALLRED TAP - LEA COUNTY REC-WAITS INTERCHANGE 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	ALLRED TAP - SHELL C3 TAP 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	CANADIAN - CANADIAN SW 138KV CKT 1	6/1/2012	6/1/2012			\$ 112,923	\$ 600,000
	CANADIAN SW - LIDDELL4 138KV CKT 1	6/1/2012	6/1/2012			\$ -	\$ -
	CARLISLE INTERCHANGE - DOUD SUB 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	CARLSBAD INTERCHANGE - PECOS INTERCHANGE 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	DENVER CITY INTERCHANGE N. - SHELL #7 SUB 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	DENVER CITY INTERCHANGE N. - TERRY COUNTY INTERCHANGE 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	DENVER CITY INTERCHANGE S. - SHELL C2 SUB 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	DOUD SUB - SOUTH PLAINS REC-YUMA 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	EL PASO SUB - SHELL #7 SUB 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	EL RENO - EL RENO SW 69KV CKT 1	12/1/2007	6/1/2012			\$ 670,939	\$ 1,500,000
	FAIRMONT TAP - WOODRING 138KV CKT 1	6/1/2008	6/1/2012			\$ 310,085	\$ 850,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 1,881,943	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 1,881,943	\$ 127,000,000
	HOBBS_INT3 115.00 - LEA COUNTY INTERCHANGE 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	HOBBS_INT3 115.00 - MADDOX STATION 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	LEA COUNTY INTERCHANGE - MADDOX STATION 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	LEA COUNTY REC - MHOON - LEA COUNTY REC-LOVINGTON INTERCHANGE 69KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	LEA COUNTY REC-LOVINGTON INTERCHANGE - LEA COUNTY REC-WAITS INTERCHANGE 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	LEA COUNTY REC-LOVINGTON INTERCHANGE 115/69KV TRANSFORMER CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 2,733,151	\$ 127,000,000
	Mooreland - TUCO 345 kv SPS	4/1/2008	6/1/2013			\$ 36,082,467	\$ 105,122,880
	Mooreland - TUCO 345 kv WFEC	10/1/2008	6/1/2013			\$ 1,716,204	\$ 5,000,000
	Mooreland 345/138 kv Transformer CKT 1	10/1/2008	6/1/2013			\$ 2,040,448	\$ 7,500,000
	Mooreland 345/138 kv Transformer CKT 2	10/1/2008	6/1/2013			\$ 2,040,448	\$ 7,500,000
	MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	MUSTANG STATION S. - SEAGRAVES INTERCHANGE 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	ROSEHILL - SOONER 345KV CKT 1 OKGE	12/1/2008	6/1/2013			\$ 1,687,677	\$ 53,000,000
	ROSEHILL - SOONER 345KV CKT 1 WERE	12/1/2008	6/1/2013			\$ 2,229,007	\$ 70,000,000
	RUSSETT - SPRINGDALE 138KV CKT 1	6/1/2017	6/1/2017			\$ 9,983	\$ 30,000
	SHELL C2 SUB - SHELL C3 TAP 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	SOUTH PLAINS REC-YUMA - WOLFFORTH INTERCHANGE 115KV CKT 1	1/1/2013	1/1/2013			\$ -	\$ -
	Spearville - Mooreland 345 kv SUNC	10/1/2008	6/1/2013			\$ 7,973,337	\$ 67,000,000
	Spearville - Mooreland 345 kv WFEC	10/1/2008	6/1/2013			\$ 5,593,236	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 86,014	\$ 158,000
	Tuco - Tolk 345kv	10/1/2008	6/1/2013			\$ 11,546,679	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 3,445,923	\$ 10,318,679
	WAUKOMIS TAP - WOODRING 138KV CKT 1	6/1/2008	6/1/2012			\$ 550,621	\$ 1,500,000
						\$ 82,593,028	\$ 782,954,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1353020	FPL SWITCH - MOORELAND 138KV CKT 1 OKGE	6/1/2006	4/1/2008		
	FPL SWITCH - MOORELAND 138KV CKT 1 WFEC	6/1/2006	4/1/2008		

Table 2 - 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	Total Allocated Cost	Total Cost
WRGS	1346837	SECI	WR	96	11/1/2008	11/1/2018	6/1/2013	6/1/2023	\$ 1,728,000	\$ -	\$ 57,424,042	\$ 905,486,559
									\$ 1,728,000	\$ -	\$ 57,424,042	\$ 905,486,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1346837	59TH ST - EL PASO 138KV CKT 1	10/1/2008	10/1/2008			\$ -	\$ -
	Barber County - Evans South 138KV WEPL	6/1/2008	6/1/2012			\$ 293,400	\$ 18,400,000
	Barber County - Evans South 138KV WERE	6/1/2008	6/1/2012			\$ 293,400	\$ 18,400,000
	Concordia - Smith Center 230 kv	6/1/2008	6/1/2013			\$ 11,159,634	\$ 57,800,000
	Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 323,880	\$ 24,400,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 AEPW	4/1/2008	6/1/2013			\$ 59,367	\$ 127,000,000
	FT SMITH - NW TEXARKANA 500KV CKT 1 OKGE	4/1/2008	6/1/2013			\$ 59,367	\$ 127,000,000
	GILL ENERGY CENTER EAST - INTERSTATE 138KV CKT 1	6/1/2013	6/1/2013			\$ 6,531	\$ 150,000
	GILL ENERGY CENTER WEST - WACO 138KV CKT 1	6/1/2013	6/1/2013			\$ -	\$ -
	MCNEIL - NW TEXARKANA 345 KV CKT1	4/1/2008	6/1/2013			\$ 85,296	\$ 127,000,000
	Mooreland - TUCO 345 kv SPS	4/1/2008	6/1/2013			\$ 134,366	\$ 105,122,880
	Mooreland - TUCO 345 kv WFEC	10/1/2008	6/1/2013			\$ 6,391	\$ 5,000,000
	Mooreland 345/138 kv Transformer CKT 1	10/1/2008	6/1/2013			\$ 24,267	\$ 7,500,000
	Mooreland 345/138 kv Transformer CKT 2	10/1/2008	6/1/2013			\$ 24,267	\$ 7,500,000
	Pratt - Barber County 138kv	6/1/2008	6/1/2012			\$ 541,289	\$ 23,300,000
	Pratt 115/138 kv XFMR	6/1/2008	6/1/2012			\$ 92,925	\$ 4,000,000
	RICE CO 115KV	6/1/2008	6/1/2010			\$ 46,165	\$ 1,000,000
	SEDGWICK COUNTY NO. 11 KOCH 69KV	12/1/2010	12/1/2010			\$ 81,462	\$ 162,000
	Spearville - Ford County 115kv	6/1/2008	6/1/2012			\$ 401,631	\$ 19,700,000
	Spearville - Mooreland 345 kv SUNC	10/1/2008	6/1/2013			\$ 386,320	\$ 67,000,000
	Spearville - Mooreland 345 kv WFEC	10/1/2008	6/1/2013			\$ 271,000	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 69	\$ 158,000
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2010	6/1/2011			\$ 685,510	\$ 4,000,000
	Summit - Cloud County 345 kv WEPL	6/1/2008	6/1/2013			\$ 24,572,863	\$ 45,600,000
	Summit - Cloud County 345 kv WERE	6/1/2008	6/1/2013			\$ 17,836,881	\$ 33,100,000
	Tuco - Tolk 345KV	10/1/2008	6/1/2013			\$ 26,692	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 11,069	\$ 10,318,679
						\$ 57,424,042	\$ 905,486,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1346837	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	SUMMIT - RENO 345KV	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Table 2 - 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	Total Allocated Cost	Total Cost
WRGS	1346842	SECI	WR	100	12/31/2008	12/31/2018	6/1/2013	6/1/2023	\$ 1,800,000	-	\$ 41,895,653	\$ 526,304,559
									\$ 1,800,000	\$ -	\$ 41,895,653	\$ 526,304,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1346842	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012			\$ 6,450,552	\$ 18,400,000
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012			\$ 6,450,552	\$ 18,400,000
	Concordia - Smith Center 230 kV	6/1/2008	6/1/2013			\$ 3,294,552	\$ 57,800,000
	Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 4,653,100	\$ 24,400,000
	GILL ENERGY CENTER EAST - INTERSTATE 138KV CKT 1	6/1/2013	6/1/2013			\$ 69,977	\$ 150,000
	GILL ENERGY CENTER EAST - MACARTHUR 69KV CKT 1 Displacement	6/1/2010	6/1/2011			\$ 1,100,000	\$ 2,200,000
	GILL ENERGY CENTER WEST - WACO 138KV CKT 1	6/1/2013	6/1/2013			\$ -	\$ -
	GILLJCT2 69.000 - OATVILLE 69KV CKT 1	6/1/2010	6/1/2011			\$ 30,000	\$ 60,000
	MACARTHUR - OATVILLE 69KV CKT 1	6/1/2013	6/1/2013			\$ 360,000	\$ 720,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 447,700	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 21,294	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 61,970	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 61,970	\$ 7,500,000
	Pratt - Barber County 138kV	6/1/2008	6/1/2012			\$ 7,088,967	\$ 23,300,000
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012			\$ 1,216,990	\$ 4,000,000
	Spearville - Ford County 115kV	6/1/2008	6/1/2012			\$ 5,608,228	\$ 19,700,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 1,040,626	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 729,991	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 139	\$ 158,000
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2010	6/1/2011			\$ 814,447	\$ 4,000,000
	Summit - Cloud County 345 kV WEPL	6/1/2008	6/1/2013			\$ 1,343,418	\$ 45,600,000
	Summit - Cloud County 345 kV WERE	6/1/2008	6/1/2013			\$ 975,157	\$ 33,100,000
	Tuco - Toik 345kV	10/1/2008	6/1/2013			\$ 53,799	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 22,224	\$ 10,318,679
Total						\$ 41,895,653	\$ 526,304,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1346842	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Table 2 - Additional Details for Each Request Including All Facility Upgrades Required and Allocated Costs for Each Upgrade

Customer Study Number
WRGS AG3-2007-027

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date Without Redispatch	Deferred Stop Date Without Redispatch	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Total Allocated Cost	Total Cost
WRGS	1346844	SECI	WR	100	6/30/2010	6/30/2020	6/1/2013	6/1/2023	\$ 1,800,000	-	\$ 41,895,653	\$ 526,304,559
									\$ 1,800,000	-	\$ 41,895,653	\$ 526,304,559

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available	Allocated E & C Cost	Total E & C Cost
1346844	Barber County - Evans South 138kV WEPL	6/1/2008	6/1/2012			\$ 6,450,552	\$ 18,400,000
	Barber County - Evans South 138kV WERE	6/1/2008	6/1/2012			\$ 6,450,552	\$ 18,400,000
	Concordia - Smith Center 230 kV	6/1/2008	6/1/2013			\$ 3,294,552	\$ 57,800,000
	Ford County - Pratt 115kV	6/1/2008	6/1/2012			\$ 4,653,100	\$ 24,400,000
	GILL ENERGY CENTER EAST - INTERSTATE 138KV CKT 1	6/1/2013	6/1/2013			\$ 69,977	\$ 150,000
	GILL ENERGY CENTER EAST - MACARTHUR 69KV CKT 1 Displacement	6/1/2010	6/1/2011			\$ 1,100,000	\$ 2,200,000
	GILL ENERGY CENTER WEST - WACO 138KV CKT 1	6/1/2013	6/1/2013			\$ -	\$ -
	GILLJCT2 69.000 - OATVILLE 69KV CKT 1	6/1/2010	6/1/2011			\$ 30,000	\$ 60,000
	MACARTHUR - OATVILLE 69KV CKT 1	6/1/2013	6/1/2013			\$ 360,000	\$ 720,000
	Mooreland - TUCO 345 kV SPS	4/1/2008	6/1/2013			\$ 447,700	\$ 105,122,880
	Mooreland - TUCO 345 kV WFEC	10/1/2008	6/1/2013			\$ 21,294	\$ 5,000,000
	Mooreland 345/138 kV Transformer CKT 1	10/1/2008	6/1/2013			\$ 61,970	\$ 7,500,000
	Mooreland 345/138 kV Transformer CKT 2	10/1/2008	6/1/2013			\$ 61,970	\$ 7,500,000
	Pratt - Barber County 138kV	6/1/2008	6/1/2012			\$ 7,088,967	\$ 23,300,000
	Pratt 115/138 kV XFMR	6/1/2008	6/1/2012			\$ 1,216,990	\$ 4,000,000
	Spearville - Ford County 115kV	6/1/2008	6/1/2012			\$ 5,608,228	\$ 19,700,000
	Spearville - Mooreland 345 kV SUNC	10/1/2008	6/1/2013			\$ 1,040,626	\$ 67,000,000
	Spearville - Mooreland 345 kV WFEC	10/1/2008	6/1/2013			\$ 729,991	\$ 47,000,000
	STANTON SUB - TUCO INTERCHANGE 115KV CKT 1	10/1/2008	6/1/2013			\$ 139	\$ 158,000
	STRANGER CREEK - NW LEAVENWORTH 115KV	6/1/2010	6/1/2011			\$ 814,447	\$ 4,000,000
	Summit - Cloud County 345 kV WEPL	6/1/2008	6/1/2013			\$ 1,343,418	\$ 45,600,000
	Summit - Cloud County 345 kV WERE	6/1/2008	6/1/2013			\$ 975,157	\$ 33,100,000
	Tuco - Toik 345kV	10/1/2008	6/1/2013			\$ 53,799	\$ 24,875,000
	TUCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	10/1/2008	6/1/2013			\$ 22,224	\$ 10,318,679
					Total	\$ 41,895,653	\$ 526,304,559

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

Reservation	Upgrade Name	COD	EOC	Earliest Service Start Date	Redispatch Available
1346844	LACYGNE - WEST GARDNER 345KV CKT 1	6/1/2006	6/1/2006		
	RENO 345/115KV CKT 1	6/1/2009	6/1/2009		
	RENO 345/115KV CKT 2	6/1/2010	6/1/2010		
	WICHITA - RENO 345KV	6/1/2009	6/1/2009		

Table 3 - Upgrade Requirements and Solutions Needed to Provide Transmission Service for the Aggregate Study

Transmission Owner	Upgrade	Solution	Earliest Date Upgrade Required (COD)	Estimated Date of Upgrade Completion (EOC)	Estimated Engineering & Construction Cost
AEPW	2002-05T 138.00 - ELK CITY 138KV CKT 1	Replace Elk City Metering CT & jumpers, Wavetrp, & reset line relays	12/1/2008	11/1/2009	\$ 250,000
AEPW	ARSENAL HILL (ARSHILL) 138/69/12.47KV TRANSFORMER CKT 1	used the IEEE Guide for Loading of Mineral-Oil Immersed Powe Transformers (C57.91-2000) to re-rate the Arsenal Hill autos above their nameplate value.	6/1/2017	6/1/2017	\$ -
AEPW	ARSENAL HILL (ARSHILL) 138/69/14.5KV TRANSFORMER CKT 2	used the IEEE Guide for Loading of Mineral-Oil Immersed Powe Transformers (C57.91-2000) to re-rate the Arsenal Hill autos above their nameplate value.	6/1/2017	6/1/2017	\$ -
AEPW	BENTONVILLE J STREET - BENTONVILLE MOBERLY LANE 161KV CKT 1	Replace switches, wavetrp, adjust CT ratio and reconduct	6/1/2017	6/1/2017	\$ 1,000,000
AEPW	BENTONVILLE J STREET - BENTONVILLE SHANE LANE 161KV CKT 1	Replace switches, wavetrp, adjust CT ratio and reconduct	6/1/2017	6/1/2017	\$ 1,000,000
AEPW	BENTONVILLE MOBERLY LANE - ROGERS WEST REC 161KV CKT 1	Replace switches, wavetrp, adjust CT ratio and reconduct	6/1/2017	6/1/2017	\$ 1,000,000
AEPW	BENTONVILLE SHANE LANE - EAST CENTERTON 161KV CKT 1	Replace switches, wavetrp, adjust CT ratio and reconduct	6/1/2017	6/1/2017	\$ 2,000,000
AEPW	BIG SANDY - HAWKINS 69KV CKT 1	Rebuild 5.5 miles of 477 ACSR with 1272 ACSR	6/1/2017	6/1/2017	\$ 2,700,000
AEPW	CARTHAGE REC POD - ROCK HILL 138KV CKT 1	Replace transformer differential relay and reset ct	6/1/2012	6/1/2012	\$ 50,000
AEPW	CLARKSVILLE - MUSKOGEE 345KV CKT 1 AEPW	Rebuild 2.54 miles with 2-795 ACSR & reset Clarksville CT, Replac Switches & Breakers @ Clarksville.	6/1/2017	6/1/2017	\$ 4,000,000
AEPW	CLINTON JUNCTION - CLINTON NATURAL GAS TAP 138KV CKT 1	Replace Clinton Jct Switch	6/1/2012	6/1/2012	\$ 150,000
AEPW	DIANA (DIANA 2) 345/138/13.8KV TRANSFORMER CKT 3	Replace auto or re-rate the autos using IEEE Guide for Loading of Miner: Oil Immersed Power Transformers (C57.91-2000).	6/1/2012	6/1/2012	\$ 4,000,000
AEPW	DYESS - SOUTH SPRINGDALE 161KV CKT 1	Indeterminate	6/1/2017	6/1/2017	\$ -
AEPW	DYESS - TONTITOWN 161KV CKT 1	Replace Dyess Breaker, Switches, & reset CT	6/1/2017	6/1/2017	\$ 500,000
AEPW	ELM SPRINGS REC - TONTITOWN 161KV CKT 1	Replace Wavetrp and switch jumper	6/1/2017	6/1/2017	\$ 50,000
AEPW	FLINT CREEK (FLINTCK1) 345/161/13.8KV TRANSFORMER CKT 1	Indeterminate	6/1/2017	6/1/2017	\$ -
AEPW	FLINT CREEK (FLINTCK2) 345/161/13.8KV TRANSFORMER CKT 2	Indeterminate	6/1/2017	6/1/2017	\$ -
AEPW	FT SMITH - NW TEXARKANA 345KV CKT 1 AEPW	Build an EHV line from NW Texarkana to FT SMITH	4/1/2008	6/1/2013	\$ 127,000,000
AEPW	GENERAL MOTORS - SOUTHWEST SHREVEPORT 138KV CKT 1	Reconductor line	6/1/2012	6/1/2012	\$ 5,000,000
AEPW	LINWOOD - POWELL STREET 138KV CKT 1	Replace Breaker, Switches, & Jumpers @ Linwood. Replace circuit switch @ Powell Street	6/1/2009	6/1/2012	\$ 500,000
AEPW	LOWELL 5 - TONTITOWN 161KV CKT 1	Indeterminate	6/1/2017	6/1/2017	\$ -
AEPW	MCNEIL - NW TEXARKANA 345 KV CKT 1	Build an EHV line from McNeil to NW Texarkan	4/1/2008	6/1/2013	\$ 127,000,000
AEPW	OKMULGEE - RIVERSIDE STATION 138KV CKT 1	Replace Okmulgee wavetrp	6/1/2012	6/1/2012	\$ 100,000
AEPW	SAND SPRINGS - SAPULPA ROAD 138KV CKT 1	Indeterminate	6/1/2017	6/1/2017	\$ -
AEPW	SAND SPRINGS - SHEFFIELD 138KV CKT 1	Replace Sand Springs switch 1306, 1307, & 130	6/1/2017	6/1/2017	\$ 85,000
AEPW	SOUTH SHREVEPORT - SOUTHWEST SHREVEPORT TAP 138KV CKT 1	Reset Relays @ South Shrevepor	6/1/2009	6/1/2012	\$ 15,000
AEPW	SOUTHWEST SHREVEPORT - WESTERN ELECTRIC T 138KV CKT 1	Rebuild 2.9 miles of 2-795 ACSR with 2156 ACSR. Replace switch 1647 @ Western Electric "T". Replace switch 10237 & reset relays @ SW Shreveport	6/1/2012	6/1/2012	\$ 2,000,000
CELE	BAYOU VISTA - BERWICK EQUILON TAP 138KV CKT 1	Indeterminate	6/1/2008	6/1/2012	\$ -
CELE	BAYOU WAREHOUSE - IVANHOE 138KV CKT 1	2nd circuit between BWHSE and IVANHOE	6/1/2012	6/1/2012	\$ -
CELE	BERWICK EQUILON TAP - RAMOS 138KV CKT 1	Indeterminate	6/1/2008	6/1/2012	\$ -
CELE	CARROLL - MANSFIELD 138KV CKT 1	Indeterminate	6/1/2009	6/1/2012	\$ -
CELE	CARROLL - MESSICK 230KV CKT 1	Indeterminate	12/1/2009	6/1/2012	\$ -
CELE	CARROLL 230/138KV TRANSFORMER CKT 1	Adding cooling fans to Carroll auto, increasing MVA rating. Already in 0 models and beyond.	6/1/2009	6/1/2012	\$ -
CELE	CLARENCE - MESSICK 230KV CKT 1	Indeterminate	6/1/2009	6/1/2012	\$ -
CELE	COLFAX - RODEMACHER 230KV CKT 1	Indeterminate	12/1/2009	6/1/2012	\$ -
CELE	DOLET HILLS 345/230KV TRANSFORMER CKT 1	Indeterminate	12/1/2009	6/1/2012	\$ -
CELE	EAST LEEVILLE - RODEMACHER 230KV CKT 1	Reconductor Rodemacher to ELeesville and upgrade Leesville xfr	6/1/2009	6/1/2012	\$ -
CELE	FISHER - VAN PLY TAP 138KV CKT 1	Indeterminate	4/1/2008	6/1/2012	\$ -
CELE	LEESVILLE 230/138KV TRANSFORMER CKT 1	Indeterminate	6/1/2009	6/1/2009	\$ -
EMDE	CARTHAGE - SUB 395 - CARTHAGE SOUTHWEST 161KV CKT 1 EMDE	Indeterminate	6/1/2008	6/1/2008	\$ -
EMDE	SUB 167 - RIVERTON - SUB 278 - GALENA NORTHEAST 69KV CKT 1 Displacement	Replace switch on transfer bus at Sub# 167 for Rate B = 9	6/1/2009	6/1/2009	\$ 75,000
EMDE	SUB 184 - NIOSHO SOUTH JCT. (NEOSHO) 161/69/13.2KV TRANSFORMER CKT 1	Change out 84 MVA transformer to 112 MVA transforme	12/1/2010	12/1/2010	\$ 800,000
EMDE	SUB 271 - BAXTER SPRINGS WEST - SUB 404 - HOCKERVILLE 69KV CKT 1 Displacement	Change CT Settings for Rate B 61 MVA	6/1/2011	6/1/2011	\$ 150,000
EMDE	SUB 349 - ASBURY - SUB 366 - CARL JUNCTION 161KV CKT 1	Indeterminate	12/1/2009	12/1/2009	\$ -
EMDE	SUB 462 - RIVERTON - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1	Indeterminate	12/1/2012	12/1/2012	\$ -
GRDA	COFFEYVILLE FARMLAND (COF AUTO1) 138/69/13.8KV TRANSFORMER CKT 1	Indeterminate	6/1/2008	6/1/2008	\$ -
GRDA	COFFEYVILLE FARMLAND (COF AUTO2) 138/69/13.8KV TRANSFORMER CKT 2	Indeterminate	6/1/2008	6/1/2008	\$ -
GRDA	MIAMI EAST NEO - SENECA 69KV CKT 1	Indeterminate	6/1/2017	6/1/2017	\$ -
INDN	ECKLES - SIBLEY 161KV CKT 1	Reconductor	12/1/2009	12/1/2009	\$ 3,500,000
BUCYRUS	STILWELL 161KV CKT 1	Replace Stilwell 800 amp wavetrp with 1200 amp wavetr	12/1/2012	12/1/2012	\$ 180,000
KACP	CRAIG - LENEXA NORTH 161KV CKT 1	Reconductor	6/1/2013	6/1/2013	\$ 1,600,000
KACP	CRAIG - LENEXA SOUTH 161KV CKT 1	Replace Lenexa R1-4 breake	6/1/2010	6/1/2010	\$ 192,000
KACP	KAUFHOORN (HAWT 20) 345/161/13.8KV TRANSFORMER CKT 20	Indeterminate	6/1/2010	6/1/2010	\$ -
KACP	MERRIAM - ROELAND PARK 161KV CKT 1	reconductor with 1192 ascr; upgrade term equip 1200	6/1/2010	6/1/2010	\$ 1,890,000
MIDW	RICE - CO 115KV	Install Capacitor at RICE - CO 115KV	6/1/2008	6/1/2010	\$ 1,000,000
OKGE	3RDST - ARKOMA 161KV CKT 1	Replace 8-1200A switches & 2-wave traps	6/1/2012	6/1/2012	\$ 1,300,000
OKGE	BARLING - QUANEX TAP 161KV CKT 1	Indeterminate	6/1/2017	6/1/2017	\$ -
OKGE	BATTLEFIELD - RYEHILL 161KV CKT 1	Indeterminate	6/1/2017	6/1/2017	\$ -
OKGE	BLUERIVER - PARK LANE 138KV CKT 1	Replace a trap at Park Lane to 1200A	6/1/2017	6/1/2017	\$ 75,000
OKGE	BROWN - BROWN 138KV CKT 1	Reconductor - 12 miles to 795AS33 and increase CTR to 1200#	6/1/2017	6/1/2017	\$ 750,000
OKGE	CIMARRON - NORTHWEST 345KV CKT 1	Replace trap at Cimarron Substation	6/1/2012	6/1/2012	\$ 90,000
OKGE	CLARKSVILLE - MUSKOGEE 345KV CKT 1 OKGE	Change 2-345KV breakers to 3000A, a trap to 3000A, 5 switches to 3000A and 2 differential relays	6/1/2017	6/1/2017	\$ 955,000
OKGE	CONTINENTAL BLACKS - OSAGE 69KV CKT 1	Rebuild & Reconductor 0.57 Miles of 477AS33 to 477 ACCC/TW	6/1/2012	6/1/2012	\$ 300,000
OKGE	FAIRMONT TAP - WOODRING 138KV CKT 1	Reconductor .75 with ACCC conductor. Increase CTRs to at least 1600-5 ratio. Line relays will need to check to determine if replacement is needed	6/1/2008	6/1/2012	\$ 850,000
OKGE	FT SMITH - NW TEXARKANA 345KV CKT 1 OKGE	Build an EHV line from NW Texarkana to FT SMITH	4/1/2008	6/1/2013	\$ 127,000,000
OKGE	FT SMITH 500 (FTSMITH3) 500/161/13.8KV TRANSFORMER CKT 3	Convert Ft. Smith 161kv to 1-1/2 breaker design and install 3rd 500-161kV transformer bank.	6/1/2012	6/1/2012	\$ 9,000,000
OKGE	PARK LANE - SEMINOLE 138KV CKT 1	Replace 1200CT and 1600 Amp switch with 2000Amp equipmen	6/1/2012	6/1/2012	\$ 300,000
OKGE	ROSEHILL - SOONER 345KV CKT 1 OKGE	New 345 kV line from Sooner to Oklahoma/Kansa	12/1/2008	6/1/2013	\$ 53,000,000
OKGE	RUSSETT - SPRINGDALE 138KV CKT 1	Replace 400A trap at Russet	6/1/2017	6/1/2017	\$ 30,000
OKGE	SEMINOLE - VANOSS 138KV CKT 1	Replace a trap at Seminole	6/1/2017	6/1/2017	\$ 75,000
OKGE	WALKOMIS TAP - WOODRING 138KV CKT 1	Reconductor 2.75 miles of line with Drake ACCC conductor and increas CTR	6/1/2008	6/1/2012	\$ 1,500,000
SPRM	CLAY - SPRINGFIELD 161KV CKT 1	Replace disconnect switches at Springfiel	12/1/2011	12/1/2011	\$ 200,000
SPRM	SOUTHWEST - SOUTHWEST DISPOSAL 161KV CKT 1	Reconductor 1192 AAC with 1158.4 ACSS/TW	12/1/2010	12/1/2010	\$ 246,000
SPS	ALLRED TAP - LEA COUNTY REC-WAITS INTERCHANGE 115KV CKT 1	Indeterminate	1/1/2013	1/1/2013	\$ -
SPS	ALLRED TAP - SHELL C3 TAP 115KV CKT 1	Indeterminate	1/1/2013	1/1/2013	\$ -
SPS	CARLISLE INTERCHANGE - DOUD SUB 115KV CKT 1	Indeterminate	1/1/2013	1/1/2013	\$ -
SPS	CARLSBAD INTERCHANGE - PECOS INTERCHANGE 115KV CKT 1	Indeterminate	1/1/2013	1/1/2013	\$ -
SPS	CUNNINGHAM STATION - EDDY COUNTY INTERCHANGE 230KV CKT 1	Indeterminate	1/1/2013	1/1/2013	\$ -
SPS	CUNNINGHAM STATION - POTASH JUNCTION INTERCHANGE 230KV CKT 1	Indeterminate	1/1/2013	1/1/2013	\$ -
SPS	CURRY COUNTY INTERCHANGE - ROOSEVELT COUNTY INTERCHANGE 115KV CKT 2	Upgrade terminal equipment, Rate A & B 185 Mv.	6/1/2013	6/1/2013	\$ 200,000
SPS	DENVER CITY INTERCHANGE N. - SHELL #7 SUB 115KV CKT 1	Indeterminate	1/1/2013	1/1/2013	\$ -
SPS	DENVER CITY INTERCHANGE N. - TERRY COUNTY INTERCHANGE 115KV CKT 1	Indeterminate	1/1/2013	1/1/2013	\$ -
SPS	DENVER CITY INTERCHANGE S. - SHELL C2 SUB 115KV CKT 1	Indeterminate	1/1/2013	1/1/2013	\$ -
SPS	DOUD SUB - SOUTH PLAINS REC-YUMA 115KV CKT 1	Indeterminate	1/1/2013	1/1/2013	\$ -
SPS	DUMAS SUB - EXELL TAP 115KV CKT 1	Indeterminate	1/1/2013	1/1/2013	\$ -
SPS	DUMAS SUB - MOORE COUNTY INTERCHANGE W. 115KV CKT 1	Indeterminate	1/1/2013	1/1/2013	\$ -
SPS	EL PASO SUB - SHELL #7 SUB 115KV CKT 1	Indeterminate	1/1/2013	1/1/2013	\$ -
SPS	EL PASO SUB - SHELL CO2 GAS SUB 115KV CKT 1	Indeterminate	1/1/2013	1/1/2013	\$ -
SPS	HOBBS INT3 115.00 - LEA COUNTY INTERCHANGE 115KV CKT 1	Indeterminate	1/1/2013	1/1/2013	\$ -
SPS	HOBBS INT3 115.00 - MADDOX STATION 115KV CKT 1	Indeterminate	1/1/2013	1/1/2013	\$ -
SPS	Lamar HVDC Tie Expander	Expand Lamar HVDC Tie by 104 MW	1/1/2012	6/1/2013	\$ 60,000,000
SPS	LEA COUNTY INTERCHANGE - MADDOX STATION 115KV CKT 1	Indeterminate	1/1/2013	1/1/2013	\$ -
SPS	LEA COUNTY REC - MHOOEN - LEA COUNTY REC-LOVINGTON INTERCHANGE 69KV CKT 1	Indeterminate	1/1/2013	1/1/2013	\$ -
SPS	LEA COUNTY REC-LOVINGTON INTERCHANGE - LEA COUNTY REC-WAITS INTERCHANGE 115KV CKT 1	Indeterminate	1/1/2013	1/1/2013	\$ -
SPS	LEA COUNTY REC-LOVINGTON INTERCHANGE 115/69KV TRANSFORMER CKT 1	Indeterminate	1/1/2013	1/1/2013	\$ -
SPS	LUBBOCK POWER & LIGHT-HOLLY PLANT 230/69KV TRANSFORMER CKT 1	Indeterminate	1/1/2013	1/1/2013	\$ -
SPS	LUBBOCK POWER & LIGHT-SOUTHEAST 230/69KV TRANSFORMER CKT 1	Indeterminate	1/1/2013	1/1/2013	\$ -
SPS	LUBBOCK POWER & LIGHT-WADSWORTH 230/69KV TRANSFORMER CKT 1	Indeterminate	1/1/2013	1/1/2013	\$ -
SPS	Mooreland - TUCO 345 kV SPS	New 345 kV line from Tucu to Mooreland on wooden h-frame structures.	4/1/2008	6/1/2013	\$ 105,122,880

Table 3 - Upgrade Requirements and Solutions Needed to Provide Transmission Service for the Aggregate Study

Transmission Owner	Upgrade	Solution	Earliest Data Upgrade Required (COD)	Estimated Date of Upgrade Completion (EOC)	Estimated Engineering & Construction Cost
SPS	MUSTANG STATION - YOAKUM COUNTY INTERCHANGE 230KV CKT 1	Indeterminate	1/1/2013	1/1/2013	\$ -
SPS	MUSTANG STATION S - SEAGRAVES INTERCHANGE 115KV CKT 1	Indeterminate	1/1/2013	1/1/2013	\$ -
SPS	SHELL C2 SUB - SHELL C3 TAP 115KV CKT 1	Indeterminate	1/1/2013	1/1/2013	\$ -
SPS	SOUTH PLAINS REC-YUMA - WOLFFORTH INTERCHANGE 115KV CKT 1	Indeterminate	1/1/2013	1/1/2013	\$ -
SPS	STANTON SUB - TUCCO INTERCHANGE 115KV CKT 1	Replace Terminal Equipment	10/1/2008	6/1/2013	\$ 158,000
SPS	Tuco - Tok3 345kV	Build new 345kV line from Tuco to Toll	10/1/2008	6/1/2013	\$ 24,875,000
SPS	TUCCO INTERCHANGE 345/115KV TRANSFORMER CKT 1 Displacement	Install 345/115 kV Transformer at Tucc	10/1/2008	6/1/2013	\$ 10,318,679
SUNC	HOLCOMB (HOLCOMB) 345/115/13.8KV TRANSFORMER CKT 1	Indeterminate	12/1/2010	12/1/2010	\$ -
SUNC	RULETON 115KV Capacitor	Install addition 12 MVAR Capacitor at Ruleton 115K	6/1/2008	6/1/2010	\$ 500,000
SUNC	SCOTT CITY - SETAB 115KV CKT 1	Indeterminate	12/1/2009	12/1/2009	\$ -
SUNC	Spearville - Mooreland 345 kV SUNC	New 345 kV line from Spearville to Kansas/Oklahoma Statelir	10/1/2008	6/1/2013	\$ 67,000,000
SWPA	SCALCR - NORFORK 161KV CKT 1 SWPA	Replace buswork within bay and change metering CT ratio, replace wavetraps, Entergy must also reconductor their line to increase the rating.	6/1/2012	6/1/2012	\$ 100,000
SWPA	AVOCA - BEAVER 161KV CKT 1	Indeterminate	6/1/2017	6/1/2017	\$ -
SWPA	CARTHAGE - SUB 395 - CARTHAGE SOUTHWEST 161KV CKT 1 SWPA	Indeterminate	12/1/2008	12/1/2008	\$ -
SWPA	CLAY - SPRINGFIELD 161KV CKT 1 SWPA	Indeterminate	12/1/2012	12/1/2012	\$ -
SWPA	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 SWPA	Replace wave trap, disconnect switches, current transformers, and breakers will limit rating to 1340 amps.	10/1/2008	10/1/2008	\$ 325,000
SWPA	JONES - JONESBORO 161KV CKT 1 SWPA	Change the ratio on the metering CTs to 1200/5 and adjust the meters	6/1/2017	6/1/2017	\$ 2,000
SWPA	NORFORK - SOUTHLAND AEGC 161KV CKT 1	Indeterminate	6/1/2017	6/1/2017	\$ -
WEPL	Barber County - Evans South 138KV WEPL	Build new 68.4 mile line 138 kV from Barber County to Evans South. Barber County Taps the the Medicine Lodge to Harper 138 kV line	6/1/2008	6/1/2012	\$ 18,400,000
WEPL	Concordia - Smith Center 230 kV	New 59.7 mile 230 kV line from Concordia to Smith Center with 230/115kV Transformer	6/1/2008	6/1/2013	\$ 57,800,000
WEPL	Ford County - Pratt 115kV	Build new 40.8 mile line 115 kV from Ford County to Pratt. Ford County Taps the Judson Large - Greensburg 115kV line	6/1/2008	6/1/2012	\$ 24,400,000
WEPL	Pratt - Barber County 138kV	Build new 38.4 mile line 138 kV from Pratt to Barber County. Barbe County Taps the the Medicine Lodge to Harper 138 kV line	6/1/2008	6/1/2012	\$ 23,300,000
WEPL	Pratt 115/138 kV XFMR	New 115/138kV XFMR at Pratt	6/1/2008	6/1/2012	\$ 4,000,000
WEPL	Spearville - Ford County 115kV	Build new 30.4 mile line 115 kV from Spearville to Ford County. For County Taps the Judson Large - Greensburg 115kV line	6/1/2008	6/1/2012	\$ 19,700,000
WEPL	Summit - Cloud County 345 kV WEPL	New 62.4 mile 345 kV line from Summit to Cloud County tapping the East Manhattan to Concordia 230 kV line	6/1/2008	6/1/2013	\$ 45,600,000
WERE	59TH ST - EL PASO 138KV CKT 1	Indeterminate	10/1/2008	10/1/2008	\$ -
WERE	95TH & WAVERLY - CAPTAIN JUNCTION 115KV CKT 1	Rebuild 7.61 miles from 95th & Waverly-Captain Junction 115 kV line.	6/1/2013	6/1/2013	\$ 2,580,000
WERE	ALTAMONT 138KV Capacitor	Install 30 Mvar cap at Altamont 138 kV (bus # 533000)	6/1/2010	6/1/2010	\$ 1,000,000
WERE	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 2	Add second Auburn 230-115 kV transformer	6/1/2013	6/1/2013	\$ 4,500,000
WERE	Barber County - Evans South 138KV WERE	Build new 68.4 mile line 138 kV from Barber County to Evans South. Barber County Taps the the Medicine Lodge to Harper 138 kV line	6/1/2008	6/1/2012	\$ 18,400,000
WERE	BELL - PECK 69KV CKT 1	Rebuild 8.23 mile Bell-Peck 69 kV line	4/1/2008	6/1/2011	\$ 2,200,000
WERE	BELL - SUMNER COUNTY NO. 3 MILLER 69KV CKT 1	Rebuild 7.3 miles of line	4/1/2008	6/1/2011	\$ 2,000,000
WERE	CITY OF WELLINGTON - SUMNER COUNTY NO. 3 MILLER 69KV CKT 1	Tear down / Rebuild 2.07-mile line with 954 kcmil ACSL	4/1/2008	6/1/2011	\$ 500,000
WERE	CITY OF WELLINGTON - SUMNER COUNTY NO. 4 ROME 69KV CKT 1	Tear down / Rebuild 9.1-mile line	4/1/2008	6/1/2011	\$ 3,550,000
WERE	GILL ENERGY CENTER EAST - INTERSTATE 138KV CKT 1	Replace wave trap	6/1/2013	6/1/2013	\$ 150,000
WERE	GILL ENERGY CENTER EAST - MACARTHUR 69KV CKT 1 Displacement	Rebuild 5.56-mile line. 954 ACSF	6/1/2010	6/1/2011	\$ 2,200,000
WERE	GILL ENERGY CENTER WEST - PECK 69KV	Rebuild 10.46 mile Gill-Peck line 138 kV line, but operated at 69 k	4/1/2008	6/1/2011	\$ 3,000,000
WERE	GILL ENERGY CENTER WEST - WACO 138KV CKT 1	Indeterminate	6/1/2013	6/1/2013	\$ -
WERE	GILLICT2 69,000 - OATVILLE 69KV CKT 1	Rebuild 0.14-mile Gill-Oatville 69 kV line	6/1/2010	6/1/2011	\$ 60,000
WERE	LYONS - WHEATLAND 115KV CKT 1	Rebuild 19.4 miles	6/1/2008	6/1/2011	\$ 8,730,000
WERE	MACARTHUR - OATVILLE 69KV CKT 1	Rebuild 2 miles	6/1/2013	6/1/2013	\$ 720,000
WERE	NEOSHO - SUB 94 - COLUMBUS SOUTHEAST 161KV CKT 1 WERE	Indeterminate	12/1/2009	12/1/2009	\$ -
WERE	ROSEHILL - SOONER 345KV CKT 1 WERE	New 345 kV line from Oklahoma/Kansas Stateline to Rose H	12/1/2008	6/1/2013	\$ 70,000,000
WERE	SEDGWICK COUNTY NO. 11 KOCH 69KV	Install Sedwick Co Koch 69kV 6MVAR Capacitor	12/1/2010	12/1/2010	\$ 162,000
WERE	STRANGER CREEK - NW LEAVENWORTH 115KV	Rebuild 11.62-mile Jarbalo-NW Leavenworth 115 kV line and tap in & out Stranger 115 kV	6/1/2010	6/1/2011	\$ 4,000,000
WERE	Summit - Cloud County 345 kV WERE	New 62.4 mile 345 kV line from Summit to Cloud County tapping the East Manhattan to Concordia 230 kV line	6/1/2008	6/1/2013	\$ 33,100,000
WFEC	CANADIAN - CANADIAN SW 138KV CKT 1	Replace .07 miles of conductor and replace a 1200A switch with a 2000. switch.	6/1/2012	6/1/2012	\$ 600,000
WFEC	CANADIAN SW - LIDDELL4 138KV CKT 1	Indeterminate	6/1/2012	6/1/2012	\$ -
WFEC	EL RENO - EL RENO SW 69KV CKT 1	Rebuild 1.0 to 336 ACSR - 6.5 miles	12/1/2007	6/1/2012	\$ 1,500,000
WFEC	GLASS MOUNTAIN - MOORELAND 138KV CKT 1	Terminal Upgrade at Mooreland (CTS)	6/1/2009	6/1/2009	\$ 50,000
WFEC	Mooreland - TUCCO 345 kV WFEC	345 kV line termina	10/1/2008	6/1/2013	\$ 5,000,000
WFEC	Mooreland 345/138 kV Transformer CKT 1	New Mooreland 345/138 kV Transformer	10/1/2008	6/1/2013	\$ 7,500,000
WFEC	Mooreland 345/138 kV Transformer CKT 2	New Mooreland 345/138 kV Transformer	10/1/2008	6/1/2013	\$ 7,500,000
WFEC	Spearville - Mooreland 345 kV WFEC	New 345 kV line from Kansas/Oklahoma Stateline to Mooreland	10/1/2008	6/1/2013	\$ 47,000,000

Table 3 - Upgrade Requirements and Solutions Needed to Provide Transmission Service for the Aggregate Study

Construction Pending Projects - The requested service is contingent upon completion of the following upgrades. Cost is not assignable to the transmission customer.				
Transmission Owner	Upgrade	Solution	Earliest Date Upgrade Required (COD)	Estimated Date of Upgrade Completion (EOC)
AEC	FULTON - HOPE 115KV CKT 1	Upgrades to Fulton Switching Station, Reconductor the Fulton to Hop		
AEPW	COFFEYVILLE TAP - DEARING 138KV CKT 1 AEPW	115/138kV Line, Upgrades to McNab Substation	4/1/2008	6/1/2012
AEPW	LINWOOD - MCWILLIE STREET 138KV CKT 1 #1	Tie Line, Reconductor 1.09 miles of 795 ACSR with 1590 ACSR	6/1/2008	6/1/2012
AEPW	LINWOOD - MCWILLIE STREET 138KV CKT 1 #2	Rebuild 2.09 miles of 666 ACSR with 1272 ACSR	6/1/2008	6/1/2012
AEPW	LINWOOD - MCWILLIE STREET 138KV CKT 1 #2	Replace Linwood Switches 10872 & 10873 and replace breaker jumpers	6/1/2008	6/1/2012
AEPW	LONGWOOD (LONGWOOD) 345/138/13.2KV TRANSFORMER CKT 1	Replace Longwood Autotransforme	6/1/2008	6/1/2012
AEPW	SOUTHWEST SHREVEPORT (SW SHV 1) 345/138/13.8KV TRANSFORMER CKT 1	Using IEEE Guide for Loading of Mineral-Oil Immersed Power Transformer (C57.91-2000) Re-rate the autos. Replace .two 138 kV breakers and five 138 kV switches. Reset relays and CTs	6/1/2008	6/1/2012
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 relay and CT	6/1/2008	6/1/2010
KACP	COLLEGE - CRAIG 161KV CKT 1	Reconductor 4 miles with 1192.5 ACSR and upgrade breaker. Mus upgrade breaker, disconnects, switches at College	6/1/2009	6/1/2010
KACP	IATAN - STRANGER CREEK 345KV CKT 2	Convert Iatan-Stranger Creek 161kV line to 345kV	6/1/2010	6/1/2010
KACP	MARTIN CITY - REDEL 161KV CKT 1	reconductor 1192 acss upgrade terminal equip 2000 am	6/1/2009	6/1/2010
KACP	West Gardner 345 kV Tap on Stillwell-Swissvale 345 kV 50 Additional MVAR Displacement	New West Gardner 50 MVAR cap bank. West Gardner 345 kV Tap or Stillwell-Swissvale line	6/1/2010	6/1/2010
MIPU	GRANDVIEW EAST - MARTIN CITY 161KV CKT 1 #2	Reconductor to Bundled Drake	6/1/2008	6/1/2010
MIPU	GRANDVIEW EAST - SAMPSON 161KV CKT 1	replace wavetraps	12/1/2008	6/1/2009
MIPU	KC SOUTH - LONGVIEW 161KV CKT 1	replace wavetraps	6/1/2008	6/1/2009
MIPU	LONGVIEW - SAMPSON 161KV CKT 1	replace wavetraps	12/1/2009	6/1/2009
MIPU	MARYVILLE - MARYVILLE 161KV CKT 1 MIPU	Indeterminate	6/1/2010	6/1/2010
MIPU	PLATTE CITY - SMITHVILLE 161KV CKT 1	Replace wavetraps	6/1/2010	6/1/2010
SPS	LAMAR 345KV SVC	Install 100-50MVAR SVC	4/1/2008	6/1/2012
SPS	NICHOLS STATION - WHITAKER SUB 115KV CKT 1 Displacement	Replace Terminal Equipment	6/1/2009	6/1/2009
SPS	TUCO INTERCHANGE 230KV #1	SPS Plan to add a 50 MVAR Shunt Capacitor at Swisher 230 kV, a 5f MVAR Shunt Capacitor at Lubbock South 230 kV, and a 50 MVAR Shunt Capacitor at Carlisle 230 kV	4/1/2008	6/1/2008
SPS	TUCO INTERCHANGE 230KV #2	SPS Plan to add 2 50 MVAR Shunt Capacitors at TUCO 230 kV and +150 50 SVC at TUCO 230 kV	4/1/2008	6/1/2008
SUNC	Spearville - Kinsley 115 kV SUNC	Build new 22.8 mile 115 kV line from Spearville to North Kinsley with 119 ACSR	6/1/2008	6/1/2011
SWPA	BROOKLINE - SPRINGFIELD 161KV CKT 1	Line reconductoring complete. Ratings to be 442/557. Bus work at 549969 (SPMA-Brookline) to complete Fall 2007. Bus 505492 (SWPA-Springfield) to complete in 2008. Rating to be constrained at 432 until Fall 2007, then at 442MVA/557MVA beginning with 2008.	6/1/2011	6/1/2011
WEPL	MEDICINE LODGE - SUN CITY 115KV CKT 1	Replace relaying from Sun City to Medicine Lodg	10/1/2008	10/1/2008
WERE	166TH STREET - JARBALO JUNCTION SWITCHING STATION 115KV CKT 1	Tear down and rebuild 7.22 mile Jarballo-166 115 kV lin	6/1/2008	6/1/2009
WERE	ALLEN 69KV Capacitor	Allen 69 kv 15 MVAR Capacitor Additior	6/1/2008	6/1/2010
WERE	COFFEYVILLE TAP - DEARING 138KV CKT 1 WERE	Tie Line, Rebuild 3.93 miles of 795 ACSR with 1590 ACSR	6/1/2008	6/1/2010
WERE	COFFEYVILLE TAP - DEARING 138KV CKT 1 WERE #2	Replace Disconnect Switches, Wavetraps, Breaker, Jumper	6/1/2008	6/1/2012
WERE	East Manhattan to McDowell 230 kV Displacement	The East Manhattan-McDowell 115 kV is built as a 230 kV line, but it operated at 115 kV. Substation work will have to be performed in order to convert this line.	6/1/2008	6/1/2011
WERE	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1 #1 Displacement	Replace Disconnect Switches, Wavetraps, Breaker, Jumper	6/1/2013	6/1/2013
WERE	OXFORD 138KV Capacitor Displacement	Install 30 MVAR Capacitor Bank at Oxford 138 kV	12/1/2008	6/1/2010
WERE	RICHLAND - ROSE HILL JUNCTION 69KV CKT 1 Displacement	Rebuild 5.43 mile Rose Hill Junction-Richland as a 138 kV line but operat at 69 kV.	4/1/2008	6/1/2010
WERE	WICHITA - RENO 345KV	Build 345kV from Wichita to Reno Cc	12/1/2007	6/1/2009
WFEC	ALTUS JCT TAP - RUSSELL 138KV CKT 1	WFEC has plans to increase CT Rating. Project should be in service by 6/1/2008	6/1/2012	6/1/2012
WFEC	ANADARKO 138/69KV TRANSFORMER CKT 1	Install 2nd 112 MVA auto in parallel with existing Un	6/1/2009	6/1/2012
WFEC	SAYRE - ERICK 138 KV CKT 1	Sayre to Sweetwater-Durham-Brantley-MorewoodSw convert to 138 KV	6/1/2009	6/1/2010

Table 3 - 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 (COD)	Estimated Date of Upgrade Completion (EOC)
AEPW	ARSENAL HILL - NORTH MARKET 69KV CKT 1	Rebuild 2.3 miles of 666 ACSR with 1272 ACSR	6/1/2012	6/1/2012
AEPW	BARTLESVILLE SOUTHEAST - NORTH BARTLESVILLE 138KV CKT 1	Rebuild 8.37 miles of 795 ACSR with 1590 ACSR & reset relays @ BSE	6/1/2008	6/1/2012
AEPW	BIG SANDY - PERDUE 69KV CKT 1	Rebuild 5.4 miles of 477 ACSR with 1272 ACSR	6/1/2017	6/1/2017
AEPW	BONANZA TAP - NORTH HUNTINGTON 161KV	Convert to 161KV and rebuild North Huntington - Huntington - Midland REC Midland 161 kv - Sugar Loaf Tap - Excelsior - Bonanza Tap, add a xfmr at Midland	6/1/2008	6/1/2011
AEPW	BONANZA - BONANZA TAP 161KV CKT 1	Rebuild 0.06 miles of 397 ACSR with 1272 ACSR & reset relay @ Bonanz or Bonanza T-Excelsior-Midland-N. Huntington 161 kv loop	6/1/2017	6/1/2017
AEPW	BONANZA - EXCELSIOR 161KV CKT 1	New 161 kv from Bonanza to Excelsior (includes Bonanza station)	6/1/2017	6/1/2017
AEPW	BROKEN BOW - CRAIG JUNCTION 138KV CKT 1	Rebuild 7.86 miles of 3/0 CW CU with 795 ACSR	6/1/2009	6/1/2012
AEPW	CHAMBER SPRINGS - FARMINGTON AECC 161KV CKT 1	Rebuild 10.24 miles with 2156 ACSR, replace Chamber Springs wavetraps & replace Farmington AECC bus.	6/1/2017	6/1/2017
AEPW	CHAMBER SPRINGS - SILOAM SPRINGS 161KV CKT 1	New 161 line, Terminal equipment at Chamber Spring and Siloam Springs	6/1/2017	6/1/2017
AEPW	COFFEYVILLE TAP - NORTH BARTLESVILLE 138KV CKT 1	Rebuild 13.11 miles of 795 ACSR with 1590 ACSR	6/1/2008	6/1/2012
AEPW	DANVILLE (APL) - MAGAZINE REC 161KV CKT 1 AEPW	Rebuild 17.96 miles of 250 Copperweld with 1272 ACSR	12/1/2008	6/1/2012
AEPW	DIANA - LONE STAR SOUTH 138KV CKT 1	Rebuild 11.78 miles of 2-336 ACSR with 1590 ACSR and replace Diana wavetraps & jumpers, Diana switch 10387, & reset CTs @ Lone Star South	6/1/2017	6/1/2017
AEPW	DUNCAN (DUNCAN) 138/69/13.8KV TRANSFORMER CKT 1	Replace Duncan Autotransformer	12/1/2012	12/1/2012
AEPW	EAST CENTERTON - FLINT CREEK 161 KV CKT 1	Reconductor Flint Creek-East Centerton 161 KV with 2156 conduct	6/1/2017	6/1/2017
AEPW	EAST CENTRAL HENRYETTA - WEELETKA 138KV CKT 1	Reset Okmulgee CTs	6/1/2009	6/1/2009
AEPW	EAST ROGERS - ROGERS WEST REC 161KV CKT 1	Indeterminate	6/1/2017	6/1/2017
AEPW	FIG FIVE - 69.000 - VBI NORTH 69KV CKT 1	Indeterminate	6/1/2017	6/1/2017
AEPW	FIXICO TAP - MAUD 138KV CKT 1 AEPW	Rebuild 11.83 miles of 3/0 shielded Copperweld with 795 ACSR	6/1/2012	6/1/2012
AEPW	FLINT CREEK - GENTRY REC 161KV CKT 1	Rebuild 1.09 miles of 2-397.5 ACSR with 2156 ACSR. Replace Flint Creek wavetraps & jumpers.	6/1/2017	6/1/2017
AEPW	FLINT CREEK - TONTITOWN 161KV CKT 1	Rebuild 16.3 miles of 2-297 ACSR with 2156 ACSR. Replace Flint Creek wavetraps & jumpers. Replace Flint Creek switch # 1K75	6/1/2017	6/1/2017
AEPW	FOREST HILLS REC - MAGNOLIA TAP 69KV CKT 1	Replace switch at Magnolia tap new emergency limit 85 MV	6/1/2012	6/1/2012
AEPW	FOREST HILLS REC - QUITMAN 69KV CKT 1	Replace Bus & reset relays at Quitman substation	6/1/2012	6/1/2012
AEPW	GEORGIA-PACIFIC - KEATCHIE REC 138KV CKT 1	Rebuild 12.63 miles of 795 ACSR with 1272 ACSR	6/1/2017	6/1/2017
AEPW	GREGGTON - LAKE LAMOND 69KV CKT 1	Indeterminate	6/1/2012	6/1/2012
AEPW	LIEBERMAN - LONGWOOD 138KV CKT 1	Rebuild 7.8 miles with 2156 ACSR. Replace Longwood wavetraps jumpers	6/1/2008	6/1/2012
AEPW	LIEBERMAN - NORTH BENTON 138KV CKT 1 #1	Rebuild 14.15 miles with 1590 ACSR. Replace wavetraps & breaker jumper @ Lieberman. Reset CT @ Lieberman	6/1/2017	6/1/2017
AEPW	LIEBERMAN - NORTH BENTON 138KV CKT 1 #2	Replace circuit switcher @ N. Benton. Replace five switches @ Lieberman	6/1/2017	6/1/2017
AEPW	LONE STAR SOUTH - PITTSBURG 138KV CKT 1	Replace wavetraps at both ends. Reset CTs @ Lone Star South. Replac switches & reset relays @ Pittsburg	6/1/2017	6/1/2017
AEPW	MAGAZINE REC - NORTH MAGAZINE 161KV CKT 1 AEPW	Rebuild 7.43 miles of 250 CWC with 795 ACSR	12/1/2008	6/1/2012
AEPW	MAGNOLIA TAP - WINNSBORO 69KV CKT 1	Replace switch # 9114 @. Replace switches @ Winnsboro. Reset Cts and relay settings at Winnsboro.	6/1/2012	6/1/2012
AEPW	NORTH MINEOLA - QUITMAN 69KV CKT 1	Mineola to Quipman 69 kv up grade switches and sub conductor N Mineo and Quipman subs	6/1/2017	6/1/2017
AEPW	REDPOINT - WALLACE LAKE 138KV CKT 1	Redpoint to W Wallace lake 138 kv and conversion of 69 kv to 138 kv	6/1/2009	6/1/2012
AEPW	SOUTHWEST SHREVEPORT - SOUTHWEST SHREVEPORT TAP 138KV CKT 1	Rebuild 2.29 miles of 2-397.5 ACSR with 1590 ACSR	6/1/2009	6/1/2012
AEPW	TEXAS EASTMAN - WHITNEY 138KV CKT 1	Rebuild 2.49 miles with 1590 ACSR	6/1/2012	6/1/2012
EMDE	JAMESVILLE - SUB 415 - BLACKHAWK JCT. 69KV CKT 1 EMDE	Replace Jumpers to breaker #6950 at Blackhawk Jc	6/1/2013	6/1/2013
EMDE	JOPLIN 59 - SUB 439 - STATELINE 161KV CKT 1	Install new line from Sub #439 to new Sub Joplin 59	6/1/2015	6/1/2015
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.	6/1/2015	6/1/2015
EMDE	SUB 124 - AURORA H.T. - SUB 152 - MONETT H.T. 69KV CKT 1	Change CT Ratio on breaker #6936 at Aurora #12	6/1/2009	6/1/2009
EMDE	SUB 124 - AURORA H.T. - SUB 383 - MONETT 161KV CKT 1	Change CT Ratio at Sub #383 on Breaker #16186 for 268 MVA Rate B	12/1/2015	12/1/2015
EMDE	SUB 124 - AURORA H.T. 161KV	Install 3 - stages of 22 MVAR each for total of 66 MVAR capacitor bank a Aurora Sub #124 bus# 547537	6/1/2011	6/1/2011
EMDE	SUB 152 - MONETT H.T. - SUB 383 - MONETT 69KV CKT 1	Replace 4/0 Cu jumpers with 500 MCM Cu, new Rate - 54 / 6	6/1/2009	6/1/2009
EMDE	SUB 383 - MONETT (MONETT) 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	6/1/2015	6/1/2015
EMDE	SUB 438 - RIVERSIDE 161KV	Install 3 - stages of 22 MVAR each for a total of 66 MVAR capacitor bank a Riverside Sub #438 547497	12/1/2008	6/1/2010
GRDA	412SUB - KANSAS TAP 161KV CKT 1	Reconductor 9.7 miles with 1590MCM ACSR	6/1/2008	6/1/2010
GRDA	412SUB - KERR 161KV CKT 1	Reconductor 12.5 miles with 1590MCM ACSR	6/1/2012	6/1/2012
GRDA	AFTON (AFTAUT01) 161/69/13.8KV TRANSFORMER CKT 1	Add a second 50 MVA Transformer at Afton Substation	6/1/2009	6/1/2012
GRDA	CLAREMORE (CLRAUT03) 161/69/13.8KV TRANSFORMER CKT 3	Add 3rd 161/69 KV Transformer	6/1/2008	6/1/2012
GRDA	FORT GIBSON - OKAY 69KV CKT 1	Indeterminate	6/1/2017	6/1/2017
GRDA	KANSAS TAP - WEST SILOAM SPRINGS 161KV CKT 1	Rebuild line to 1590 ACSR	6/1/2009	6/1/2012
GRDA	MAID - PRYOR FOUNDRY SOUTH 69KV CKT 1	Indeterminate	6/1/2017	6/1/2017
GRDA	MAID - REDDEN 69KV CKT 1	Indeterminate	6/1/2017	6/1/2017
GRDA	SILOAM CITY - WEST SILOAM SPRINGS 161KV CKT 1	Rebuild line to 1590 ACSR	6/1/2012	6/1/2012
INDN	SMOCCITY - ECKLES 161KV CKT 1 INDN	Reconductor	6/1/2013	6/1/2013
INDN	BLUE VALLEY 161KV	Add 14MVAR capacitor Bank	6/1/2012	6/1/2010
KACP	ANTIOCH - OXFORD 161KV CKT 1	Reconductor 5 miles with 1192.5 ACSR, 558 normal/emergency rating	6/1/2008	6/1/2010
KACP	AVONDALE - GLADSTONE 161KV CKT 1	Upgrade Wavetraps at Gladstone from 800 amps to 1200 amp	6/1/2010	6/1/2010
KACP	CENTERVILLE 161KV	add 20 Mvar cap bnk Centerville 543061	6/1/2010	6/1/2010
KACP	IATAN - ST JOE 345KV CKT 1	Circuit Breaker	12/1/2012	12/1/2012
KACP	REDEL - STILWELL 161KV CKT 1	Reconductor line with 1192 ACSR and upgrade terminal equipment to 2000 amps	6/1/2008	6/1/2010
KACP	WEST GARDNER (WGARD 11) 345-161-13.8KV TRANSFORMER CKT 11	Replace 400/440 Mva Tx with 600/660 Mva Tx	6/1/2008	6/1/2009
MIDW	ST JOHN 115KV Capacitor #1	Install 20 MVAR Capacitor	6/1/2008	6/1/2009
MIPU	BELTON SOUTH - TURNER ROAD SUBSTATION 161KV CKT 1	Reconductor to Bundled Drake	6/1/2008	6/1/2010
MIPU	BLUE SPRINGS EAST - DUNCAN ROAD 161KV CKT 1	Upgrade to conductor Bundled Drake	6/1/2008	6/1/2010
MIPU	BLUE SPRINGS EAST CAP BANK	Add 50 MVAR cap bank at Blue Springs East	6/1/2010	6/1/2010
MIPU	CLINTON - CLINTON GREEN STREET 69KV CKT 1	Upgrade line to 795 26/7 ACSR conducto	6/1/2010	6/1/2010
MIPU	CLINTON - CLINTON PLANT 69KV CKT 1	Upgrade line to 795 26/7 ACSR conducto	6/1/2010	6/1/2010
MIPU	EDMOND SUB	Add a new 161/34.5 kv Sub at Edmon	10/1/2008	12/1/2009
MIPU	Freeman to Harrisonville West 69 kv	set overcurrent relay to trip the lin	6/1/2008	6/1/2008
MIPU	GRANDVIEW EAST - MARTIN CITY 161KV CKT 1 #1	Wave Trap	6/1/2008	6/1/2009
MIPU	MARTIN CITY - TURNER ROAD SUBSTATION 161KV CKT 1	Upgrade to bundled 795 26/7 ACSR conducto	6/1/2008	6/1/2010
MIPU	MIDWAY - ST JOE 161KV CKT 1	Upgrade to 795 26/7 ACSR Conducto	12/1/2012	12/1/2012
MIPU	SIBLEY 161/69KV TRANSFORMER CKT 2	Add second parallel 161/69KV Transformer at Sibley lin	6/1/2008	12/1/2009
OKGE	5 TRIBES - HANCOCK 161KV CKT 1	Reconductor 4.07 miles of line to 1590AS52 and replace 2-wave traps, 161KV breaker, 3-switches @ Five Tribes & 5-switches, relaying @ Pecan Creek.	6/1/2012	6/1/2012
OKGE	5 TRIBES - PECAN CREEK 161KV CKT 1			
OKGE	ARKOMA - FT SMITHW 161KV CKT 1	Replace 1200A terminal equipment at Arkoma to 2000A and rebuild 4.4 miles of line to 1590AS52.	6/1/2009	6/1/2012
OKGE	BATTLEFIELD - COLONY 161KV CKT 1	Indeterminate	6/1/2017	6/1/2017
OKGE	CANADIAN - CEDAR LAKE 138KV CKT 1	Replace 800A trap at Cedar Lake	12/1/2007	6/1/2007
OKGE	COLONY - FT SMITH 161KV CKT 1	Reconductor 2.2 miles to Drake ACCC/TW and change terminal equipmen at Ft. Smith & Colony to 2000A.	6/1/2009	6/1/2012
OKGE	DANVILLE (APL) - MAGAZINE REC 161KV CKT 1 OKGE	Rebuild 17.96 miles of 250 Copperweld with 1272 ACSR	12/1/2008	6/1/2012
OKGE	FIXICO TAP - MAUD 138KV CKT 1 OKGE	Upgrade the CT ratio to 800/	6/1/2012	6/1/2012
OKGE	FRANKLIN SW - MIDWEST TAP 138KV CKT 1 OKGE	Reconductor 1.27 miles of line to 1590AS52. WFEC will have to provide upgrade solution also for their Franklin (WFEC).	6/1/2008	6/1/2012
OKGE	FT SMITH CAP BANK	Install a cap bank at the FT Smith 345 bus	6/1/2017	6/1/2017
OKGE	GLASSES - RUSSETT 138KV CKT 1	Rebuild 8.38 miles of 138kv line with 795AS33, replace line relays increase trap	6/1/2012	6/1/2012
OKGE	MAGAZINE REC - NORTH MAGAZINE 161KV CKT 1 OKGE	Rebuild 7.43 miles of 250 CWC with 795 ACSR	12/1/2008	6/1/2012

Table 3 - 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 (COD)	Estimated Date of Upgrade Completion (EOC)
OKGE	MUSKOGEE - PECAN CREEK 345KV CKT 1	Increase CT rating at Pecan Creek from 800-5 to 2000-5 to allow a 150 amp rating of line section.	6/1/2008	6/1/2012
OKGE	RUSSETT - RUSSETT 138KV CKT 1 OKGE	Replace trap and increase CTR. Pending verification of relay	6/1/2012	6/1/2012
OKGE	SUNNYSIDE (SUNNYS3D3) 345/138/13.8KV TRANSFORMER CKT 1	Indeterminate	6/1/2017	6/1/2017
SPRM	BROOKLINE - SUMMIT 345 KV CKT 1	Build a 345 kv line from Brookline to Summit substation and install 345/161 kV autotransformer at Summit	6/1/2013	6/1/2013
SPRM	GOLDEN - SPRINGFIELD 69KV CKT 1 SPRM	Indeterminate	6/1/2008	6/1/2008
SPRM	GOLDEN - SPRINGFIELD 69KV CKT 2 SPRM	Indeterminate	6/1/2008	6/1/2008
SPRM	JAMES RIVER - TWIN OAKS 69KV CKT 1	Reconductor 636 ACSR with 762.8 ACSS/TW	6/1/2013	6/1/2013
SPRM	KICKAPOO - SUNSET 69KV CKT 1	Reconductor 636 ACSR with 762.8 ACSS/TW	6/1/2013	6/1/2013
SPRM	NEERGARD - NORTON 69KV CKT 1	Transfer load & Reconductor 636 ACSR with 477 ACSS/TW	6/1/2008	6/1/2010
SPRM	NORTON 161KV CAPACITOR	Install 30 Mvar capacitor at Norton 161 kv bus	6/1/2013	6/1/2013
SPS	CARLSBAD INTERCHANGE 115/69KV TRANSFORMER CKT 1	Upgrade 115/69 kv transformer (84/96 MVA)	6/1/2010	6/1/2010
SPS	CARLSBAD INTERCHANGE 115/69KV TRANSFORMER CKT 2	Upgrade 115/69 kv transformer (84/96 MVA)	6/1/2010	6/1/2010
SPS	Hitchland Interchange Project	New 345/230/115 kv Substation on Potter to Finney 345 kv line near the Texas Oklahoma border with new 230 kv lines to Moore County Interchange, Pringle, and Perryton with 115 kv tap of Spearman to Texas Co 115 kv line	1/1/2013	1/1/2013
SPS	SEMINOLE INTERCHANGE	Build New 230 kv line from Mustang to Seminole to Hobbs with 2 230/115 kv at Seminole with two 115 kv lines to Amerada Hess and 115 kv lines to Doss, Gaines, and Denver South	6/1/2010	6/1/2010
SPS	Stalene Project	Tap Elk City - Grapevine. New line from Stalene Tap to Graves Co. No 115/69kv at Graves Co.	6/1/2009	6/1/2010
SPS	TERRY COUNTY INTERCHANGE - WOLFFORTH INTERCHANGE 115KV CKT 1	Upgrade jumper at Terry Co. to a higher rating. Replace 4/0 with 397. ACSR cable	6/1/2010	6/1/2010
SUNC	HOLCOMB - PLYMELL 115KV CKT 1	Rebuild Holcomb to Phyme	6/1/2008	6/1/2010
SUNC	PHILLIPSBURG - RHOADES 115 KV	Install 35 miles 115 kv from Phillipsburg to Rhoades	6/1/2013	6/1/2013
SUNC	PIONEER TAP - PLYMELL 115KV CKT 1	Rebuild Phymell to Pioneer Tap	6/1/2008	6/1/2010
SWPA	LEAD HL 161.00 - BULL SHOALS 161KV CKT 1	Indeterminate	6/1/2012	6/1/2012
SWPA	BROWN - RUSSETT 138KV CKT 1 SWPA	Upgrade Terminal Equipment at Brown- Switches/Wavetraps	6/1/2012	6/1/2010
SWPA	BULL SHOALS - BULL SHOALS 161KV CKT 1	Replace buswork in Bull Shoals switchyard	12/1/2008	12/1/2008
SWPA	CARTHAGE (CRG X1) 161/69/13.8KV TRANSFORMER CKT 1	Indeterminate	6/1/2012	6/1/2012
SWPA	CARTHAGE (CRG X2) 161/69/13.8KV TRANSFORMER CKT 1	Indeterminate	6/1/2012	6/1/2012
SWPA	CLARKSVILLE - DARDANELLE 161KV CKT 1	Reconductor Clarksville-Dardanelle lin	6/1/2008	6/1/2012
SWPA	GOLDEN - SPRINGFIELD 69KV CKT 1 SWPA	Indeterminate	6/1/2008	6/1/2008
SWPA	GOLDEN - SPRINGFIELD 69KV CKT 2 SWPA	Indeterminate	6/1/2008	6/1/2008
SWPA	NIXA (NXA X1) 161/69/13.8KV TRANSFORMER CKT 1	Replace with 70MVA transformer	6/1/2009	6/1/2012
SWPA	NIXA 161KV CAP BANK	25Mvar Cap at Nixa	6/1/2017	6/1/2017
SWPA	PHAROAH - WELEETKA 138KV CKT 1 SWPA	Tie Line. Replace metering CTs at Weleetka	6/1/2012	6/1/2012
SWPA	SPRINGFIELD (SPF X1) 161/69/13.8KV TRANSFORMER CKT 1	Indeterminate	6/1/2012	6/1/2012
SWPA	SPRINGFIELD (SPF X2) 161/69/13.8KV TRANSFORMER CKT 1	Indeterminate	6/1/2012	6/1/2012
WEPL	Cimarron Plant Substation Expansion	Integrate SUNC North Cimarron Top into reconfigured WEPL Cimarron Plant Sub	6/1/2008	6/1/2010
WEPL	CLAY CENTER - GREENLEAF 115KV CKT 1	Building a new 115 kv tie with Westar from Greenleaf to Clay Cent	12/1/2007	6/1/2010
WEPL	RUSSELL 115KV Capacitor	Add 9.6MVAR at Russell 115kv	12/1/2007	6/1/2010
WERE	ANZIO - FORT JUNCTION SWITCHING STATION 115KV CKT 1	Tear down / Rebuild 3.53-mile section of line, 556.5 kcmil ACS	6/1/2008	6/1/2010
WERE	BPU - CITY OF MCPHERSON JOHNS-MANVILLE - EAST MCPHERSON SWITCHING STATION 115KV CKT 1	Rebuild Line	6/1/2008	6/1/2010
WERE	CHASE - WHITE JUNCTION 69KV CKT 1	Tear down / Rebuild 7.3-mile Chase - White Junction 69 kv line. Replace existing 2/0 copper conductor with 795 kcmil ACSR conductor.	6/1/2013	6/1/2013
WERE	CIRCLE - HUTCHINSON GAS TURBINE STATION 115KV CKT 1	Rebuild Circle - HEC GT 115 kv line	6/1/2008	6/1/2010
WERE	CIRCLE - RENO COUNTY 115KV CKT 2	Rebuild 6.25-miles	6/1/2009	6/1/2010
WERE	EDWARDSVILLE 115KV Capacitor	Install 30 Mvar cap at Edwarsville 115 kv (bus # 533238)	6/1/2011	6/1/2011
WERE	EUROPA TOWNSHIP 115KV Capacitor	20 Mvar Cap at Euadors	6/1/2013	6/1/2013
WERE	FARMERS CONSUMER CO-OP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	Rebuild 1.53-mile Co-op-Wakarusa 115 kv line	6/1/2013	6/1/2013
WERE	FORT JUNCTION SWITCHING STATION - MCDOWELL CREEK SWITCHING STATION 115KV CKT 1	Rebuild 11-mile McDowell-Ft Junction 115 kv 1&2 with 1192.5 kcmil ACSR	6/1/2008	6/1/2010
WERE	Fort Scott - SW Bourbon 161 kv	Tap Litchfield-Marmaton 161 kv with new SW Bourbon Sub to Ft Scott, an new 161/69 kv transformer at Ft Scott.	6/1/2013	6/1/2013
WERE	GILL ENERGY CENTER EAST - GILLJCT2 69.000 69KV CKT 1	Tear down / Rebuild 3.55-mile Gill-Gill Junction 69 kv line using 954 kcm ACSR	6/1/2008	6/1/2010
WERE	HALSTEAD SOUTH BUS (HALSTD1X) 138/69/13.2KV TRANSFORMER CKT 1	Upgrade 138/69/13.2 transformer D1x	4/1/2008	6/1/2010
WERE	HOOVER SOUTH - TYLER 69KV	Rebuild 1.94 miles	6/1/2010	6/1/2010
WERE	SANDHILL ARK VALLEY CO-OP D.P. JUNCTION - TOWER 33 115 KV CKT 1	Rebuild 4.1 miles and operate line close	6/1/2008	6/1/2010
WERE	SOUTHWEST LAWRENCE - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	Rebuild 4.09 mile SW Lawrence-Wakarusa 115 kv lin	6/1/2013	6/1/2013
WERE	STAGG HILL - SWMANHT3 115.00 115KV CKT 1	Indeterminate	6/1/2013	6/1/2013
WERE	STRANGER CREEK TRANSFORMER CKT 2	Install second Stranger Creek 345-115 transforme	6/1/2008	6/1/2009
WERE	Summit - NE Saline 115 kv	Tear down 6.0-miles of Summit-Northview 115 kv. Build 6.0-mile double circuit Summit-Northview 115 kv and Build new 0.5-mile single circuit to Northview-South Gate double circuit and disconnect tower to Northview.	12/1/2007	6/1/2010
WERE	WEST MCPHERSON - WHEATLAND 115KV CKT 1	Tear down and rebuild 7.88 mile West McPherson-Wheatland 115 kv line.	6/1/2008	6/1/2010
WFEC	ACME - WEST NORMAN 69KV CKT 1	Reconductor 4 miles from 4/0 to 795 ACSR	12/1/2007	6/1/2012
WFEC	ALVA - CHEROKEE SW 69KV CKT 1	Change CT ratio	6/1/2009	6/1/2012
WFEC	BROWN - RUSSETT 138KV CKT 1 WFEC	Indeterminate	6/1/2012	6/1/2012
WFEC	COLBERT - TEXOMA 138 KV CKT 1	Build new 138kv line from Colbert to Texom	4/1/2008	6/1/2011
WFEC	CYRIL Voltage Converter	Cyrl-Cyrl Junction New 138kv line, 3 miles at 33i	6/1/2009	6/1/2011
WFEC	FRANKLIN SW - MIDWEST TAP 138KV CKT 1 WFEC	Replace switches and wavetraps at Franklin Switch to 2000	6/1/2008	6/1/2012
WFEC	FRANKLIN SW 138/69KV TRANSFORMER CKT 1	Replace 70 MVA Auto with 112 MVA autotransformer (100 MVA base Rating). Upgrade 138 and 69 KV buswork and switches.	12/1/2007	6/1/2009
WFEC	HAMMETT - MEEKER 138KV CKT 1	Install 10 miles of 138 kv from MEEKER sub to Hammett Sub and install terminal equipment	4/1/2008	6/1/2011
WFEC	KINGFISHER CAP	Install King Fisher switching Stator	6/1/2008	6/1/2012
WFEC	Norman Area Voltage Conversion	Convert Canadian - OU - Cole - Criner to 138 KV and Canadian-Goldsby, OU-W Norman-Acme-Franklin	6/1/2009	6/1/2010
WFEC	PAOLI 138/69KV TRANSFORMER CKT 1	Upgrade to 70 MVA	12/1/2007	6/1/2012
WFEC	PHAROAH - WELEETKA 138KV CKT 1 WFEC	Indeterminate	6/1/2012	6/1/2012
WFEC	RUSH SPRINGS 69KV	Install 15 MVAR at Rush Springs	6/1/2009	6/1/2012
WFEC	RUSSELL SWITCH CAP BANK	Increase 7.2MVAR to 13.2 MVAR at Russel	6/1/2008	6/1/2009
WFEC	RUSSETT - RUSSETT 138KV CKT 1 WFEC	Upgrade Terminal Equip CTs at Russel	6/1/2012	6/1/2012
WFEC	TWIN LAKES CAP BANK	Install an addition 6 MVAR cap at Twin Lakes will make a total of 18 MVAI at twin lakes	6/1/2009	6/1/2010
WFEC	WOODWARD - WOODWARD 69KV CKT 1	replace the 336.4 conductor with 795, 1.5 double circuit 795/336.4 H-frame @ \$310,000/mi (the other circuit is the Woodward - Taloga line) 1.9 single circuit 795 H-frame @ \$250,000/mi	12/1/2007	6/1/2012

Table 3 - 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 (COD)	Estimated Date of Upgrade Completion (EOC)
AEPW	ALLUMAX TAP - BANN 138KV CKT 1	Replace six (6) 138 kV switches, five at Bann & one at Alumax Tap. Rebuild 0.67 miles of 1024 ACAR with 2156 ACSR. Replace wavetraps & jumpers @ Bann. Replace breaker 3300 @ Bann.	6/1/2008	6/1/2008
AEPW	HUGO POWER PLANT - VALLIANT 345 KV AEPW	Valliant 345 KV line termina	5/1/2010	5/1/2010
EMDE	SUB 110 - ORONOGO JCT. - SUB 167 - RIVERTON 161KV CKT 1	Reconductor Oronogo 59467 to Riverton 59469 with Bundled 556 ACSR	6/1/2011	6/1/2011
KACP	LACYGNE - WEST GARDNER 345KV CKT 1	KCPL Sponsored Project to Reconductor Line to be In-Service by 6/1/2006	6/1/2006	6/1/2006
OKGE	ARCADIA - REDBUD 345 KV CKT 1	Sponsored Project to Upgrade Terminal Equipment	6/1/2006	6/1/2006
OKGE	ARCADIA - REDBUD 345 KV CKT 2	Sponsored Project to Upgrade Terminal Equipment	6/1/2006	6/1/2006
OKGE	FPL SWITCH - MOORELAND 138KV CKT 1 OKGE	OKGE would rebuild .18 miles of 267AS33 with 795AS33. This would raise OKGE's summer and winter Rate B to 287MVA. The limit will still be at WFEC's Mooreland at 390A & 600A.	6/1/2006	4/1/2008
OKGE	KNOBHILL (KNOBHILL4) 138/69/13.2KV TRANSFORMER CKT 1	Replace bus tie with 100MVA transformer	6/1/2006	6/1/2008
WERE	RENO 345/115KV CKT 1	New stepdown transformer at a new substation in Reno County east northeast of Hutchinson	6/1/2009	6/1/2009
WERE	RENO 345/115KV CKT 2	Install 2nd stepdown transformer at Reno County substation east northeast of Hutchinson	6/1/2010	6/1/2010
WERE	SUMMIT - RENO 345KV	Install new 50.55-mile 345 kV line from Reno county to Summit; 31 miles of 115 kV line between Circle and S Phillips would be rebuilt as double circuit with the 345 kV line to minimize ROW impacts; Substation work required at Summit for new 345 kV terminal	6/1/2010	6/1/2010
WERE	WICHITA - RENO 345KV	40 mile 345 kV transmission line from existing Wichita 345 kV substation to a new 345-115 kV substation in Reno County east northeast of Hutchinson (Wichita to Reno)	6/1/2009	6/1/2009
WFEC	FPL SWITCH - MOORELAND 138KV CKT 1 WFEC	Upgrade terminal equipment FPL Sw & Mooreland	6/1/2006	4/1/2008
WFEC	HUGO POWER PLANT - VALLIANT 345 KV WFEC	New 345/138 kV Auto, and 19 miles 345 KV	5/1/2010	5/1/2010

Table 4 - Third Party Facility Constraints

Transmission Owner	Upgrade	Solution	Earliest Data Upgrade Required (COD)	Estimated Date of Upgrade Completion (EOC)	Estimated Engineering & Construction Cost
AECI	4LUTHER 138.00 (LUTHER) 138/69/13.8KV TRANSFORMER CKT 1	Indeterminate	6/1/2012	6/1/2012	\$ -
AECI	5MOCCITY - ECKLES 161KV CKT 1 AECI	Indeterminate	6/1/2017	6/1/2017	\$ -
AECI	CLARK (CAMP CLA) 161/69/13.8KV TRANSFORMER CKT 1	Indeterminate	12/1/2012	12/1/2012	\$ -
AECI	CLEVENGER COVE - TABLE ROCK 161KV CKT 1	Indeterminate	6/1/2017	6/1/2017	\$ -
AECI	CLINTON - MONROSE 161KV CKT 1 AECI	Indeterminate	12/1/2008	12/1/2008	\$ -
AECI	CLINTON - OSCEOLA 161KV CKT 1	Upgrade line to 100C	6/1/2017	6/1/2017	\$ -
AECI	GEORGETOWN (GEORGETO) 161/69/13.2KV TRANSFORMER CKT 1	Replaces transformer at Georgetown	6/1/2012	6/1/2012	\$ 1,000,000
AECI	HUBEN (HUBEN) 345/161/13.8KV TRANSFORMER CKT 1	Indeterminate	6/1/2012	6/1/2012	\$ -
AECI	JAMESVILLE - SUB 415 - BLACKHAWK JCT. 69KV CKT 1 AECI	Reset CT	6/1/2017	6/1/2017	\$ -
AECI	MARYVILLE - MARYVILLE 161KV CKT 1 AECI	Indeterminate	6/1/2012	6/1/2012	\$ -
AECI	MT VERNON - SUB 446 - CHESAPEAKE 69KV CKT 1 AECI	Indeterminate	6/1/2012	6/1/2012	\$ -
AECI	PHILLIPS (PHILLIPS) 161/69/7.2KV TRANSFORMER CKT 1	Indeterminate	6/1/2012	6/1/2012	\$ -
AECI	SARATOGA - SOUTHWEST CITY 69KV CKT 1	Indeterminate	6/1/2012	6/1/2012	\$ -
AECI	STILLWELL 345/161KV TRANSFORMER CKT 1	Indeterminate	6/1/2017	6/1/2017	\$ -
AECI	THOMAS HILL (THOMAS H) 345/161/13.8KV TRANSFORMER CKT 1	Install 2nd 345/161 kv transforme	6/1/2017	6/1/2017	\$ 2,800,000
AMRN	MCCREDIE - MCCREDIE 345.00 345KV CKT 1	Indeterminate	6/1/2017	6/1/2017	\$ -
AMRN	OVERTON 345.00 (J) 345/161/13.8KV TRANSFORMER CKT 1	Indeterminate	12/1/2008	12/1/2008	\$ -
ENR	4COWLTP 138.00 - HEBERT 138KV CKT 1	Indeterminate	6/1/2012	6/1/2012	\$ -
ENR	4COWLTP 138.00 - LAKE CHARLES BULK 138 138KV CKT 1	Indeterminate	6/1/2012	6/1/2012	\$ -
ENR	3ALPINE# 115.00 - 3AMITY# 115.00 115KV CKT 1	Indeterminate	4/1/2008	4/1/2008	\$ -
ENR	3ALPINE# 115.00 - 3BISMIRK 115KV CKT 1	Indeterminate	4/1/2008	4/1/2008	\$ -
ENR	3AMITY# 115.00 - MURFREESBORO EAST (AECC) 115KV CKT 1	Indeterminate	12/1/2009	12/1/2009	\$ -
ENR	3BISMIRK - 3HSEHW 115KV CKT 1	Indeterminate	4/1/2008	4/1/2008	\$ -
ENR	3GRENWD 115.00 - HUMPHREY 115KV CKT 1	Indeterminate	12/1/2007	12/1/2007	\$ -
ENR	3GRENWD 115.00 - TERREBONNE 115KV CKT 1	Indeterminate	12/1/2007	12/1/2007	\$ -
ENR	3MURF-S 115.00 - MURFREESBORO EAST (AECC) 115KV CKT 1	Indeterminate	12/1/2009	12/1/2009	\$ -
ENR	3RUSTNE 115.00 - DOWNSVILLE 115KV CKT 1	Indeterminate	4/1/2008	4/1/2008	\$ -
ENR	3RUSTNE 115.00 - WEBERNA 115KV CKT 1	Indeterminate	4/1/2008	4/1/2008	\$ -
ENR	4BAYOUVC 138.00 - HEBERT 138KV CKT 1	Indeterminate	6/1/2009	6/1/2009	\$ -
ENR	4BAYOUVC 138.00 - JENNINGS 138KV CKT 1	Indeterminate	6/1/2009	6/1/2009	\$ -
ENR	4EOPLOUS 138.00 - CHAMPAGNE 138KV CKT 1	Indeterminate	6/1/2008	6/1/2008	\$ -
ENR	4JUDICE 138.00 - MEAUX BULK 138KV CKT 1	Indeterminate	12/1/2008	12/1/2008	\$ -
ENR	4JUDICE 138.00 - SCOTT 138KV CKT 1	Indeterminate	12/1/2008	12/1/2008	\$ -
ENR	4KSPRGS 138.00 - CHAMPAGNE 138KV CKT 1	Indeterminate	12/1/2007	12/1/2007	\$ -
ENR	4KSPRGS 138.00 - LINE #42 TAP 138KV CKT 1	Indeterminate	12/1/2007	12/1/2007	\$ -
ENR	4MURFRE - SOUTH NASHVILLE 138KV CKT 1	Indeterminate	12/1/2008	12/1/2008	\$ -
ENR	4NCROWL 138.00 - SCOTT 138KV CKT 1	Indeterminate	6/1/2009	6/1/2009	\$ -
ENR	4SCOTT2 138.00 - ASEMERE 138.00 138KV CKT 1	Indeterminate	12/1/2007	12/1/2007	\$ -
ENR	4TAMINA 138.00 - KINDER MORGAN PIPE 138KV CKT 1	Indeterminate	6/1/2017	6/1/2017	\$ -
ENR	4TAMINA 138.00 - TAMINA 138KV CKT 1	Indeterminate	12/1/2008	12/1/2008	\$ -
ENR	5BEE BR - QUITMAN 161KV CKT 1	Indeterminate	12/1/2008	12/1/2008	\$ -
ENR	5CLINTN - CLINTON WEST (AECC) 161KV CKT 1	Indeterminate	12/1/2009	12/1/2009	\$ -
ENR	5FLTRN - BULL SHOALS HES 161KV CKT 1	Indeterminate	6/1/2012	6/1/2012	\$ -
ENR	5HILLTOP 161.00 - SST JOE 161.00 161KV CKT 1	Indeterminate	6/1/2012	6/1/2012	\$ -
ENR	5ST_JOE 161.00 - EVERTON 161KV CKT 1	Indeterminate	10/1/2008	10/1/2008	\$ -
ENR	5ST_JOE 161.00 - MARSHALL 161KV CKT 1	Indeterminate	6/1/2017	6/1/2017	\$ -
ENR	6CHPTSR1 230.00 - 6CHPTSR2 230.00 230KV CKT 2	Indeterminate	12/1/2009	12/1/2009	\$ -
ENR	6CHPTSR1 230.00 - CHINA 230KV CKT 1	Indeterminate	12/1/2009	12/1/2009	\$ -
ENR	6CHPTSR2 230.00 - 6PORTER 230.00 230KV CKT 1	Indeterminate	12/1/2009	12/1/2009	\$ -
ENR	6PORTER 230.00 (J) 230/138/13.8KV TRANSFORMER CKT 1	Indeterminate	4/1/2008	4/1/2008	\$ -
ENR	8WELLS 500.00 - WEBRE 500KV CKT 1	Indeterminate	4/1/2008	4/1/2008	\$ -
ENR	8WELLS 500.00 500/230KV TRANSFORMER CKT 1	Indeterminate	6/1/2008	6/1/2008	\$ -
ENR	ADAMS CREEK - BOGALUSA 230KV CKT 2	Indeterminate	4/1/2008	4/1/2008	\$ -
ENR	AMELIA BULK - CHINA 230KV CKT 1	Indeterminate	6/1/2012	6/1/2012	\$ -
ENR	AMELIA BULK - HELBIG BULK 230KV CKT 1	Indeterminate	6/1/2012	6/1/2012	\$ -
ENR	ARKANSAS NUCLEAR ONE 161 - RUSSELLVILLE NORTH 161KV CKT 1	Indeterminate	12/1/2008	12/1/2008	\$ -
ENR	ARTER WILSON SES 500 - PERRY 500KV CKT 1	Indeterminate	10/1/2008	10/1/2008	\$ -
ENR	BAXTER WILSON SES 500 - RAY BRASWELL SES 500 500KV CKT 1	Indeterminate	4/1/2008	4/1/2008	\$ -
ENR	BIG THREE - CARLYSS 230KV CKT 1	Indeterminate	6/1/2012	6/1/2012	\$ -
ENR	BIG THREE - SABINE 230KV CKT 1	Indeterminate	6/1/2012	6/1/2012	\$ -
ENR	CECELIA - DOC BONIN 138KV CKT 1	Indeterminate	4/1/2008	4/1/2008	\$ -
ENR	CECELIA - MORIL 138KV CKT 1	Indeterminate	4/1/2008	4/1/2008	\$ -
ENR	CHINA - CHINA - JACINTO SERIES CAPACITOR 230KV CKT 1	Indeterminate	12/1/2009	12/1/2009	\$ -
ENR	CHINA - JACINTO SERIES CAPACITOR - JACINTO 230KV CKT 1	Indeterminate	12/1/2009	12/1/2009	\$ -
ENR	CHINA - SABINE 230KV CKT 1	Indeterminate	6/1/2009	6/1/2009	\$ -
ENR	CLARENCE - MONTGOMERY 230KV CKT 1	Indeterminate	6/1/2009	6/1/2009	\$ -
ENR	COLFAX - MONTGOMERY 230KV CKT 1	Indeterminate	12/1/2009	12/1/2009	\$ -
ENR	CONROE BULK - PLANTATION 138KV CKT 1	Indeterminate	6/1/2017	6/1/2017	\$ -
ENR	CONROE BULK - WOODHAVEN 138KV CKT 1	Indeterminate	12/1/2009	12/1/2009	\$ -
ENR	COTEAU - RACELAND 115KV CKT 1	Indeterminate	6/1/2012	6/1/2012	\$ -
ENR	COTEAU - TERREBONNE 115KV CKT 1	Indeterminate	6/1/2012	6/1/2012	\$ -
ENR	COUCH SES - LEWIS 115KV CKT 1	Indeterminate	4/1/2008	4/1/2008	\$ -
ENR	COUCH SES - MC NIEL 115KV CKT 1	Indeterminate	12/1/2009	12/1/2009	\$ -
ENR	CYPRESS 500/138KV TRANSFORMER CKT 1	Indeterminate	6/1/2012	6/1/2012	\$ -
ENR	CYPRESS 500/230KV TRANSFORMER CKT 1	Indeterminate	6/1/2012	6/1/2012	\$ -
ENR	DARDANELLE - RUSSELLVILLE SOUTH 161KV CKT 1 ENTR	Indeterminate	10/1/2008	10/1/2008	\$ -
ENR	DOC BONIN - SCOTT 138KV CKT 1	Indeterminate	6/1/2008	6/1/2008	\$ -
ENR	DOWNSVILLE - STERLINGTON 115KV CKT 1	Indeterminate	6/1/2012	6/1/2012	\$ -
ENR	DUBOIN - MORIL 138KV CKT 1	Indeterminate	4/1/2008	4/1/2008	\$ -
ENR	ELDORADO EHV - MOUNT OLIVE 500KV CKT 1	Indeterminate	10/1/2008	10/1/2008	\$ -
ENR	ELDORADO EHV - STERLINGTON 500KV CKT 1	Indeterminate	12/1/2009	12/1/2009	\$ -
ENR	ELDORADO EHV 500/345KV TRANSFORMER CKT 1	Indeterminate	12/1/2009	12/1/2009	\$ -
ENR	EVERTON - HARRISON-EAST 161KV CKT 1	Indeterminate	10/1/2008	10/1/2008	\$ -
ENR	FRANKLIN - GRAND GULF 500KV CKT 1	Indeterminate	12/1/2008	12/1/2008	\$ -
ENR	FRONT STREET - MICHOD 230KV CKT 1	Indeterminate	4/1/2008	4/1/2008	\$ -
ENR	FRONT STREET - SLIDERS 230KV CKT 1	Indeterminate	4/1/2008	4/1/2008	\$ -
ENR	GIBSON - HUMPHREY 115KV CKT 1	Indeterminate	12/1/2007	12/1/2007	\$ -
ENR	GIBSON - RAMOS 138KV CKT 1	Indeterminate	12/1/2007	12/1/2007	\$ -
ENR	GIBSON 138/115KV TRANSFORMER CKT 1	Indeterminate	6/1/2008	6/1/2008	\$ -
ENR	GRIMES - MT. ZION 138KV CKT 1	Indeterminate	6/1/2017	6/1/2017	\$ -
ENR	HARRISON-EAST - OMAHA SS 161KV CKT 1	Indeterminate	6/1/2017	6/1/2017	\$ -
ENR	HARRISON-EAST - SUMMIT 161KV CKT 1	Indeterminate	6/1/2009	6/1/2009	\$ -
ENR	HARTBURG - INLAND-ORANGE 230KV CKT 1	Indeterminate	6/1/2009	6/1/2009	\$ -
ENR	HARTBURG - MOUNT OLIVE 500KV CKT 1	Indeterminate	4/1/2008	4/1/2008	\$ -
ENR	HARTBURG 500/230KV TRANSFORMER CKT 1	Indeterminate	6/1/2017	6/1/2017	\$ -
ENR	HELBIG BULK - MCLEWIS 230KV CKT 1	Indeterminate	6/1/2012	6/1/2012	\$ -
ENR	HUNTSVILLE - LINE 558 TAP 138KV CKT 1	Indeterminate	12/1/2009	12/1/2009	\$ -
ENR	INLAND-ORANGE - MCLEWIS 230KV CKT 1	Indeterminate	6/1/2012	6/1/2012	\$ -
ENR	JACINTO (J) 230/138/13.8KV TRANSFORMER CKT 1	Indeterminate	12/1/2009	12/1/2009	\$ -

Table 4 - Third Party Facility Constraints

Transmission Owner	Upgrade	Solution	Earliest Date Upgrade Required (COD)	Estimated Date of Upgrade Completion (EOC)	Estimated Engineering & Construction Cost
ENTR	JONES - JONESBORO 161KV CKT 1 ENTR	Indeterminate	6/1/2017	6/1/2017	\$ -
ENTR	KEO EHV - WEST MEMPHIS 500KV CKT 1	Indeterminate	6/1/2012	6/1/2012	\$ -
ENTR	KINDER MORGAN PIPE - PLANTATION 138KV CKT 1	Indeterminate	6/1/2017	6/1/2017	\$ -
ENTR	LAKE FOREST - WOODHAVEN 138KV CKT 1	Indeterminate	12/1/2009	12/1/2009	\$ -
ENTR	LEWIS - PATMOS 115KV CKT 1	Indeterminate	4/1/2008	4/1/2008	\$ -
ENTR	LINE 558 TAP - MT. ZION 138KV CKT 1	Indeterminate	12/1/2007	12/1/2007	\$ -
ENTR	LINE 642 TAP - LIVONIA BULK 138KV CKT 1	Indeterminate	12/1/2007	12/1/2007	\$ -
ENTR	LIVONIA BULK - WILBERT 138KV CKT 1	Indeterminate	12/1/2007	12/1/2007	\$ -
ENTR	LOUISIANA STATION - WILBERT 138KV CKT 1	Indeterminate	12/1/2007	12/1/2007	\$ -
ENTR	MCADAMS 500/230KV TRANSFORMER CKT 1	Indeterminate	6/1/2017	6/1/2017	\$ -
ENTR	METRO - OAK RIDGE 138KV CKT 1	Indeterminate	6/1/2017	6/1/2017	\$ -
ENTR	MT. HOME - SOUTHLAND AECC 161KV CKT 1	Indeterminate	6/1/2017	6/1/2017	\$ -
ENTR	OAK RIDGE - TAMINA 138KV CKT 1	Indeterminate	6/1/2008	6/1/2008	\$ -
ENTR	RUSSELLVILLE EAST - RUSSELLVILLE NORTH 161KV CKT 1	Indeterminate	12/1/2008	12/1/2008	\$ -
ENTR	RUSSELLVILLE EAST - RUSSELLVILLE SOUTH 161KV CKT 1	Indeterminate	10/1/2008	10/1/2008	\$ -
ENTR	TERREBONNE 230/115KV TRANSFORMER CKT 1	Indeterminate	6/1/2009	6/1/2009	\$ -
ENTR	TOLEDO BEND - VAN PLY TAP 138KV CKT 1	Indeterminate	4/1/2008	4/1/2008	\$ -
ENTR	VACHERIE - WATERFORD 230KV CKT 1	Indeterminate	6/1/2012	6/1/2012	\$ -
ENTR	WATERFORD - WILLOW GLEN 500KV CKT 1	Indeterminate	4/1/2008	4/1/2008	\$ -
ENTR	WATERFORD 500/230KV TRANSFORMER CKT 1	Indeterminate	4/1/2008	4/1/2008	\$ -
ENTR	WINFIELD 230/115KV TRANSFORMER CKT 1	Indeterminate	6/1/2009	6/1/2009	\$ -
LAFB	DOC BONIN 230/138KV TRANSFORMER CKT 1	add a second 230/138 kv or 230/69 kv autotransforme	6/1/2009	6/1/2012	\$ 3,500,000
LAGN	4EOPLOUS 138.00 - 4VATCAN 138.00 138KV CKT 1	Indeterminate	6/1/2008	6/1/2008	\$ -
NPPD	CANADAY4 230.00 230/115KV TRANSFORMER CKT 1	Indeterminate	6/1/2012	6/1/2012	\$ -
NPPD	GENTLMREDWIL Flowgate	Indeterminate	6/1/2008	6/1/2008	\$ -
NPPD	N.PLATT7 115.00 - STOCKVL7 115.00 115KV CKT 1	Indeterminate	6/1/2008	6/1/2008	\$ -
NPPD	REDWIL07 115.00 - STOCKVL7 115.00 115KV CKT 1	Indeterminate	12/1/2012	12/1/2012	\$ -

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 (COD)	Estimated Date of Upgrade Completion (EOC)
AECI	MIAMI - MIAMI EAST NEO 69KV CKT 1	Indeterminate	6/1/2012	6/1/2012
AECI	MT VERNON - SUB 446 - CHESAPEAKE 69KV CKT 1	Indeterminate	6/1/2010	6/1/2010
ENTR	DANVILLE (APL) - MAGAZINE REC 161KV CKT 1 ENTR	Rebuild 17.96 miles of 250 Copperweld with 1272 ACSR	12/1/2008	6/1/2012
ENTR	MAGAZINE REC - NORTH MAGAZINE 161KV CKT 1 ENTR	Rebuild 7.43 miles of 250 CWC with 795 ACSR	12/1/2008	6/1/2012