



*Aggregate Facility Study
SPP-2005-AG1-AFS
For Transmission Service
Requested by
Aggregate Transmission Customers*

SPP Engineering, SPP Tariff Studies

SPP AGGREGATE FACILITY STUDY (SPP-2005-AG1-AFS)

September 20, 2005 (Revision September 28, 2005)

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1. Executive Summary

Pursuant to Attachment Z of the Southwest Power Pool Open Access Transmission Tariff (OATT), 4184 MW of long-term transmission service requests have been studied in this Aggregate Facility Study (AFS). The first phase of the AFS consisted of a revision of the impact study to reflect the withdrawal of requests for which an Aggregate Facility Study Agreement was not executed. The principal objective of the AFS is to identify system problems and potential modifications necessary to facilitate these transfers while maintaining or improving system reliability as well as summarizing the operating limits and determination of the financial characteristics associated with facility upgrades. Facility upgrade costs are allocated on a prorated basis to all requests positively impacting any individual overloaded facility. Further, Attachment Z provides for facility upgrade cost recovery by stating that “[a]ny charges paid by a customer in excess of the transmission access charges in compensation for the revenue requirements for allocated facility upgrade(s) shall be recovered by such customer from future transmission service revenues until the customer has been fully compensated.”

The total facility upgrade Engineering and Construction (E &C) cost determined by the AFS is over \$204 Million. The total upgrade levelized revenue requirement for all transmission requests is \$754,381,947. This is based on full allocation of levelized revenue requirements for upgrades to customers without consideration of base plan funding. The AFS data tables reflect the full allocation of upgrade costs to customers. Total upgrade levelized revenue requirements for all transmission requests after consideration of potential base plan funding is \$389,507,448.

Third-party facilities must be upgraded when it is determined they are constrained in order to accommodate the requested Transmission Service. In this AFS, six third-party facilities were identified. Total engineering and construction cost estimates for required third-party facility upgrades are indeterminate at this time.

The Transmission Provider will tender Letter Agreements and accept OASIS reservations on Tuesday, September 20, 2005. This will open a 15-day window for Customer response. To complete the request for Transmission Service, the Transmission Provider must receive from the Transmission Customer (Customer) by October 5th, 2005, an executed Letter Agreement. The Letter Agreement will list options the Customer must choose to clarify their commitment to remain in the Aggregate Transmission Service Study (ATSS). The Customer must also confirm this request on the Transmission Provider's OASIS pursuant to the results of this Facilities Study coincident to the same 15 day time increment for execution of the letter agreement.

For those remaining in the Aggregate Transmission Service Study (ATSS), Service Agreements for each request for service will be tendered in the near future identifying the decision made by the Customer.

If customers withdraw from the ATSS after posting of this AFS, the AFS will be re-performed to determine cost allocation and Available Transmission Capability (ATC) in consideration of the remaining ATSS participants. All allocated revenue requirements for facility upgrades are assigned to the customer in the AFS data tables. Potential base plan funding allowable is contingent upon final approval of designated resources meeting Attachment J, Section III B criteria.

2. Introduction

On January 21, 2005, the Federal Energy Regulatory Commission accepted Southwest Power Pool's proposed aggregate transmission study procedures in Docket ER05-109 to become effective February 1, 2005. The proposed cost allocation and cost recovery provisions were accepted for filing and suspended to become effective the earlier of five months from the

requested effective date (July 1, 2005) or a further order of the Commission in the proceeding subject to refund. Since that time, the cost allocation and cost recovery provisions have been accepted with modification. The following hyperlink can be used to access the SPP Regulatory/FERC webpage: (http://www.spp.org/Objects/FERC_filings.cfm). The hyperlinks under the heading ER05-109 (Attach Z Filing) open Southwest Power Pool's October 29, 2004 filing containing Attachment Z to the SPP OATT and the Commission's January 21, 2005 Order. In compliance with this Order, the first open season commenced on February 1, 2005. All requests for long-term transmission service received prior to June 1, 2005 with a signed study agreement were then included in the first Aggregate Transmission Service Study (ATSS).

Approximately 4200 MW of long-term transmission service has been studied and over \$204 Million in transmission upgrades is being proposed. The results of the AFS are detailed in Tables 1 through 4. 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 hyperlink can be used to access the SPP OATT: (http://www.spp.org/Publications/SPP_Tariff.pdf). In order to understand the extent to which base plan upgrades may be applied to both point-to-point and network transmission services, it is necessary to highlight the definition of Designated Resource. Per Section 1.9a of the SPP OATT, a Designated Resource is “[a]ny designated generation resource owned, purchased or leased by a Transmission Customer to serve load in the SPP Region. Designated Resources do not include any resource, or any portion thereof, that is committed for sale to third parties or otherwise cannot be called upon to meet the Transmission Customer's load on a non-interruptible basis.” Therefore, not only network service, but also point-to-point service has potential for base plan funding if the conditions for classifying upgrades associated with designated resources as base plan upgrades as defined in Section III.B of Attachment J are met. Pursuant to Attachment J, Section III B of the SPP OATT, the Transmission Customer must provide SPP the information necessary to verify that the requested new or changed Designated Resource meets specific criteria.

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 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. Customers paying the above charges may receive credits in accordance with Section VI.B.

A Transmission Provider may require that a Transmission Customer pre-pay for all assignable Network Upgrades which it designs and constructs. These pre-payments are in the amount of the Transmission Provider's estimated engineering and construction costs. Pre-payments will be required prior to the scheduled in-service dates. The Southwestern Power Administration (SWPA) is the only Transmission Owner that requires these pre-payments. No facility upgrades were required on the SWPA transmission system in the AFS.

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 and not only by customer assigned upgrades.

Some constraints identified in the AFS were not assigned to the Customer as the Transmission Provider determined that upgrades are not required due to various reasons or the Transmission Owner has construction plans pending for these upgrades. These facilities are listed by reservation in Table 2. This table also includes constrained facilities in the current planning horizon that limit the rollover rights of the Transmission Customer.

A. Financial Analysis

The AFS utilizes the allocated customer E & C cost in a present worth analysis to determine the monthly levelized revenue requirement of each facility upgrade over the term of the reservation. The upgrade levelized revenue requirement includes interest, depreciation, and carrying costs.

Each request for Transmission Service is evaluated independently as the cost associated with each Network Upgrade is assigned to a request. When facilities are upgraded throughout the reservation period, the Transmission Customer shall 1) pay the total E & C costs and other annual operating costs associated with the new facilities, and 2) receive credits associated with the depreciated book value of removed usable facilities, salvage value of removed non-usable facilities, and the carrying charges, excluding depreciation, associated with all removed usable facilities based on their respective book values.

B. Third-Party Facilities

For third-party facilities listed in Table 4 and Table 2, the Transmission Customer is responsible for funding the necessary upgrades of these facilities per Section 21.1 of the Transmission Provider's OATT. 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. In this AFS, Six third-party facilities were identified. Total engineering and construction cost estimates for required third-party facility upgrades are indeterminate. Third-party facility upgrade engineering and construction cost estimates are not utilized to determine the present worth value of levelized revenue requirements for SPP system network upgrades.

All modeled facilities within the Transmission Provider system were monitored during the development of this Study as well as certain facilities in first-tier neighboring systems. Third-party facilities must be upgraded when it is determined that they are overloaded while accommodating the requested Transmission Service. These facilities also include those owned by members of the Transmission Provider who have not placed their facilities under the Transmission Provider's OATT.

3. Study Methodology

A. Description

The system impact analysis was conducted to determine the steady-state impact of the requested service on the SPP and first tier Non - SPP control area systems. The steady-state analysis was done to ensure current SPP Criteria and NERC Reliability Standards requirements are fulfilled. The Southwest Power Pool conforms to the NERC Reliability Standards, which provide the strictest requirements, related to voltage violations and thermal overloads during normal conditions and during a contingency. It requires that all facilities be within normal operating ratings for normal system conditions and within emergency ratings after a contingency. Normal operating ratings and emergency operating ratings monitored are Rate A and B in the SPP MDWG models, respectively. The upper bound and lower bound of the normal voltage range monitored is 105% and 95%. The upper bound and lower bound of the emergency voltage range monitored is 110% and 90%. The SPS Tuco 230 kV bus voltage is monitored at 92.5% due to pre-determined system stability limitations.

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 AECI, 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 thirteen seasonal models to study the aggregate transfers of 4184 MW over a variety of requested service periods. The SPP MDWG 2005 Series Cases Update 3 2005 Fall Peak (05FA), 2005/06 Winter Peak (05WP), 2006 April Minimum (06AP), 2006 Spring Peak (06G), 2006 Summer Shoulder (06SH), 2006 Summer Peak (06SP), 2006 Fall Peak (06FA), 2006/07 Winter Peak (06WP), 2007 Summer Peak (07SP), 2007/08 Winter Peak (07WP), 2010 Summer Peak (10SP), 2010/11 Winter Peak (10WP), and 2015 Summer Peak (15SP) 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. Four groups of requests were developed from the aggregate of 4184 MW in order to minimize counterflows among requested service. Each request was included in two to four groups depending on the requested path. From the thirteen seasonal models, three system scenarios

were developed. Scenario 1 includes SWPP OASIS transmission requests not already included in the SPP 2005 Series Cases flowing in a West to East direction with ERCOT exporting and SPS exporting to outside zones and exporting to the Lamar HVDC Tie. Scenario 2 includes transmission requests not already included in the SPP 2005 Series Cases flowing in an East to West direction with ERCOT net importing and SPS importing from an outside zone and exporting to the Lamar HVDC Tie. Scenario 3 includes transmission requests not already included in the SPP 2005 Series Cases flowing in a West to East direction with ERCOT net importing and SPS importing from an outside zone and importing from 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. 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 below 0.90 pu) were applied to determine the impacted facilities. The PSS/E options chosen to conduct the analysis can be found in Appendix A.

4. Study Results

A. Study Analysis Results

Tables 1 through 3 contain the steady-state analysis results of the ASIS. Table 1 identifies the participating long-term transmission service requests included in the AFS. This table lists deferred start and stop dates, the minimum annual allocated ATC without upgrades and season of first impact, total E & C cost allocated to each customer, potential base plan E & C funding (lower of allocated E & C or safe harbor criteria), total revenue requirements for assigned upgrades in consideration of potential base plan funding, point-to-point base rate charge, total revenue requirements for assigned upgrades over the term of the reservation, and final total cost

allocation to the customer. Table 2 provides additional details for each request including all facility upgrades required, third party upgrades required, allocated E & C costs, and revenue requirements for each upgrade. Table 2 also lists facilities requiring no upgrades for various reasons or facilities limiting rollover rights. This includes the season in the planning horizon where rollover rights are limited. Table 3 lists all upgrade requirements with associated solutions needed to provide transmission service for the AFS, Earliest Date Upgrade is required (EOC), Estimated Date of Upgrade Completion (COD), Engineering and Construction Lead time and Estimated E & C cost. Table 4 lists identified Third-Party constrained facilities.

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 and upon SPP Board of Directors approval. If all conditions are met, the higher of the requested designated resource capacity (MW), or the designated resource maximum capacity not exceeding the 125% resource to load determination is multiplied by the safe harbor criteria, \$180,000/MW to determine potential base plan funding allowable. For example, a 50MW request that meets all other conditions and increases the resource to load determination from 115% to 120% would result in \$9,000,000 of potential base plan funding allowable.

The 125% resource to load determination is based on the total of all of the Customer's requested designated resources capacity per year of start of requested service or deferred start date, whichever is the latest.

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. The cost allocation will be re-performed after base plan funding verification.

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 Customer Allocation Cost is the estimated engineering and construction cost based upon the allocation of costs to all customers in the AFS who positively impact facilities by at least 3% subsequently overloaded by the AFS. Minimum ATC is the portion of the requested capacity that can be accommodated with out upgrading facilities. Annual ATC allocated to the customer is determined by the least amount of allocated seasonal ATC within each year of a reservation period.

5. Conclusion

The results of the AFS show that limiting constraints exist in many areas of the regional transmission system. Due to these constraints, transmission service cannot be granted unless facility upgrades are not required as noted in Table 2.

The Transmission Provider will tender Letter Agreements and accept OASIS reservations on Tuesday, September 20, 2005. This will open a 15-day window for Customer response. To complete the request for Transmission Service, the Transmission Provider must receive from the Transmission Customer (Customer) by October 5th, 2005, an executed Letter Agreement. The Letter Agreement will list options the Customer must choose to clarify their commitment to remain in the Aggregate Transmission Service Study (ATSS). The Customer must also confirm this request on the Transmission Provider's OASIS pursuant to the results of this Facilities Study coincident to the same 15 day time increment for execution of the letter agreement.

The Transmission Provider must receive an unconditional and irrevocable letter of credit upon the Customer's execution of the Service Agreement. This amount is for all assignable Network Upgrades less pre-payment requirements. The amount of the letter of credit will be adjusted down on an annual basis to reflect amortization of these costs. The Transmission Provider will issue letters of authorization to construct facility upgrades to the constructing Transmission Owner. This date is determined by the engineering and construction lead time provided for each facility upgrade.

If the customer desires to take transmission service prior to the deferred start date required for facility upgrade completion, short term service can be utilized pursuant to the SPP OATT.

Appendix

PSS/E CHOICES IN RUNNING LOAD FLOW PROGRAM AND ACCC

BASE CASES:

Solutions - Fixed slope decoupled Newton-Raphson solution (FDNS)

1. Tap adjustment – Stepping
2. Area interchange control – Tie lines only
3. Var limits – Apply immediately
4. Solution options - Phase shift adjustment
 - Flat start
 - Lock DC taps
 - Lock switched shunts

ACCC CASES:

Solutions – AC contingency checking (ACCC)

1. MW mismatch tolerance – 0.5
2. Contingency case rating – Rate B
3. Percent of rating – 100
4. Output code – Summary
5. Min flow change in overload report – 1mw
6. Excl'd cases w/ no overloads form report – YES
7. Exclude interfaces from report – NO
8. Perform voltage limit check – YES
9. Elements in available capacity table – 60000
10. Cutoff threshold for available capacity table – 99999.0
11. Min. contng. case Vltg chng for report – 0.02
12. Sorted output – None

Newton Solution:

1. Tap adjustment – Stepping
2. Area interchange control – Tie lines only
3. Var limits - Apply automatically
4. Solution options - Phase shift adjustment
 - Flat start
 - Lock DC taps
 - Lock switched shunts

Table 1 - Long-Term Transmission Service Requests Included in 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	Total Engineering and Construction Cost Allocated to Customer	Potential Base Plan Engineering and Construction Funding Allowable per Request	Total Revenue Requirements for Assigned Upgrades Utilizing Potential Base Plan Funding Allocation.	Point-to-Point Base Rate	Total Revenue Requirements for Assigned Upgrades Over Term of Reservation	Total Cost of Reservation Assignable to Customer	
APM	AG1-2005-001	851299	AECI	OKGE	13	5/1/2005	5/1/2006	10/1/2005	10/1/2006	0	06SP	\$ -		\$ -		\$ -	Possible Third Party Limitation	
CSWM	AG1-2005-003	857419, 857421	WFEC	CSWS	31	11/1/2005	11/1/2017	10/1/2007	12/1/2018	0	10SP	\$ 3,159,285	\$ 558,000	\$ 4,537,402		\$ 6,442,209	\$ 6,442,209	
CSWM	AG1-2005-069	852362	CSWS	CSWS	100	1/1/2006	1/1/2008	6/1/2007	6/1/2009	0	05WP	\$ 773,058		\$ 1,113,049		\$ 1,113,049	\$ 1,113,049	
CSWM	AG1-2005-069	852367	CSWS	CSWS	100	1/1/2006	1/1/2008	6/1/2009	6/1/2011	0	06SP	\$ 1,051,942		\$ 1,825,517		\$ 1,825,517	\$ 1,825,517	
CSWM	AG1-2005-070	852370	CSWS	CSWS	100	1/1/2006	1/1/2008	6/1/2007	6/1/2009	69	06SH	\$ -		\$ -		\$ -	No upgrade assignments	
CSWM	AG1-2005-070	852371	CSWS	CSWS	100	1/1/2006	1/1/2008	6/1/2009	6/1/2011	0	05WP	\$ 1,190,928		\$ 3,171,247		\$ 3,171,247	\$ 3,171,247	
CSWM	AG1-2005-072	874597	CSWS	CSWS	41	12/1/2005	12/1/2015	6/1/2007	6/1/2017	0	06SP	\$ 2,299,876	\$ 738,000	\$ 3,543,009		\$ 5,217,111	\$ 5,217,111	
CSWM	AG1-2005-073, AG1-2005-012	881466, 881467	WFEC	CSWS	80	6/1/2006	6/1/2026	6/1/2007	6/1/2027	0	15SP	\$ 6,998,680	\$ 1,440,000	\$ 12,969,231		\$ 16,328,967	\$ 16,328,967	
CSWM	SPP-2004-185, SPP-2004-200	795005, 798927, 841761, 841762	WFEC	CSWS	120	11/1/2005	1/1/2017	10/1/2007	12/1/2018	0	10SP	\$ 12,229,414	\$ 2,160,000	\$ 17,564,008		\$ 24,937,396	\$ 24,937,396	
EDE	AG1-2005-020	884286	KCPL	EDE	5	1/1/2006	1/1/2008	10/1/2008	10/1/2010	0	06SP	\$ 83,256		\$ 240,718		\$ 241,103	\$ 241,103	
EDE	SPP-2004-092	683521	KCPL	EDE	50	6/1/2008	6/1/2028	6/1/2009	6/1/2029	0	10SP	\$ 9,277,645	\$ 7,200,000	\$ 3,659,751		\$ 16,358,296	\$ 16,358,296	
EDE	SPP-2004-092	683523	KCPL	EDE	50	6/1/2008	6/1/2028	6/1/2009	6/1/2029	0	10SP	\$ 9,277,645		\$ 16,342,481		\$ 16,358,296	\$ 16,358,296	
EDE	SPP-2004-092	683525	KCPL	EDE	50	6/1/2008	6/1/2028	6/1/2009	6/1/2029	0	10SP	\$ 9,277,645		\$ 16,342,481		\$ 16,358,296	\$ 16,358,296	
GSEC	AG1-2005-062	895344	SECI	SPS	300	5/1/2010	5/1/2040			0	10SP	\$ 49,511,659	\$ 49,511,659	\$ -		\$ 185,647,911	\$ 185,647,911	
KPCS	GEN-2004-008	855998	KCPL	KCPL	500	6/6/2009	6/1/2029			332	15SP	\$ 1,897,694	\$ 1,897,694	\$ -		\$ 4,611,360	\$ 4,611,360	
KMEA	AG1-2005-031	889194	GRDA	WPEK	3	5/1/2006	5/1/2026	5/1/2010	5/1/2030	0	06G	\$ 795,955		\$ 3,756,681	\$ 704,160	\$ 3,826,276	\$ 3,826,276	
KMEA	AG1-2005-033	889643	GRDA	WR	5	5/1/2010	5/1/2026			0	10SP	\$ 1,595,864		\$ 8,322,166		\$ 8,322,166	\$ 8,322,166	
KMEA	AG1-2005-034	889649	GRDA	WR	20	5/1/2010	5/1/2026			0	10SP	\$ 1,472,223		\$ -	\$ 4,992,000	\$ 4,177,940	\$ 4,992,000	
KMEA	AG1-2005-035	889654	GRDA	KCPL	19	5/1/2006	5/1/2026	5/1/2010	5/1/2030	0	06G	\$ 2,288,472	\$ 2,288,472	\$ -	\$ 4,012,800	\$ 9,533,610	\$ 9,533,610	
KMEA	AG1-2005-036	889666	GRDA	WR	3	5/1/2006	5/1/2026	5/1/2010	5/1/2030	0	06G	\$ 1,217,430		\$ 6,355,879	\$ 938,000	\$ 6,355,879	\$ 6,355,879	
KMEA	AG1-2005-037	889667	GRDA	WR	21	5/1/2006	5/1/2026	6/1/2009	6/1/2029	0	06G	\$ 1,338,549		\$ -	\$ 6,552,000	\$ 3,439,307	\$ 6,552,000	
KPP	AG1-2005-078	896877	GRDA	WR	18	5/1/2006	5/2/2026	6/1/2009	6/2/2029	0	06SP	\$ 4,179,466		\$ 11,584,087		\$ 11,584,087	\$ 11,584,087	
MIDW	AG1-2005-056	895203, 895204	WR	WR	25	6/1/2006	6/1/2009	5/1/2010	5/1/2013	0	06SP	\$ 3,849,804		\$ 21,172,218		\$ 21,172,218	\$ 21,172,218	
MIDW	AG1-2005-058	895207, 895208	KCPL	WR	25	6/1/2006	6/1/2009	5/1/2010	5/1/2013	0	06SP	\$ 4,115,464		\$ 24,050,396		\$ 24,050,396	\$ 24,050,396	
MIDW	AG1-2005-059	895209, 895210	SECI	WR	25	6/1/2006	6/1/2009	5/1/2010	5/1/2013	0	06SP	\$ 1,911,763		\$ 10,144,796		\$ 10,144,796	\$ 10,144,796	
MIDW	AG1-2005-060	895216, 897090	WPEK	WR	10	10/1/2005	10/1/2016	5/1/2010	5/1/2021	0	05FA	\$ 344,809		\$ 7,141,291		\$ 7,141,291	\$ 7,141,291	
MIDW	AG1-2005-064	895938	SECI	WR	100	6/1/2010	6/1/2030			0	15SP	\$ 8,200,354	\$ 1,080,000	\$ 37,433,979		\$ 43,111,885	\$ 43,111,885	
MIDW	AG1-2005-065	895940	WPEK	WR	100	10/1/2006	10/1/2011	5/1/2010	5/1/2015	0	07SP	\$ 11,061,647		\$ 64,841,552		\$ 64,841,552	\$ 64,841,552	
MIDW	AG1-2005-066	895941	WR	WPEK	100	10/1/2006	10/1/2011	5/1/2010	5/1/2015	0	06WP	\$ 11,333,052		\$ 60,277,150		\$ 60,277,150	\$ 60,277,150	
OMPA	AG1-2005-009	843135	WR	WR	114	4/1/2005	4/1/2010	6/1/2010	6/1/2015	0	05WP	\$ 9,545,679	\$ 9,545,679	\$ -		\$ 46,582,527	\$ 46,582,527	
OMPA	AG1-2005-079	896823, 896825, 896826	SECI	OMPA	50	6/1/2009	6/1/2024			0	10SP	\$ 5,389,663	\$ 5,389,663	\$ -		\$ 19,204,942	\$ 19,204,942	
OMPA	SPP-2004-190D	796904, 796910, 796911	OMPA	OMPA_OKGE	438	12/1/2005	12/1/2006			438	N/A			\$ -		\$ -	No upgrade assignments	
OMPA	SPP-2004-190D	796906, 796909, 796913	OMPA	OMPA_WFEC	34	12/1/2005	12/1/2006	6/1/2010	6/1/2011	9	06SP	\$ 4,246,547		\$ 9,402,648		\$ 17,757,831	\$ 17,757,831	
OMPA	SPP-2004-190D	796907, 796908, 796912	OMPA	OMPA_CSWS	161	12/1/2005	12/1/2006	6/1/2010	6/1/2011	0	05WP	\$ 9,528,712		\$ 22,347,205		\$ 39,907,458	\$ 39,907,458	
SPA	AG1-2005-077	896846	WFEC	SPA	13	4/1/2006	6/1/2020			13	N/A	\$ -		\$ -	\$ 1,878,712	\$ -	\$ 1,878,712	
SPSM	SPP-2004-141	750450	SPS	EDDY	35	1/1/2007	1/1/2013			0	07WP	\$ 1,606,412		\$ -	\$ 4,032,920	\$ 4,604,913	\$ 4,604,913	
SPSM	SPP-2004-178	794577	OKGE	SPS	50	6/1/2005	6/1/2006	10/1/2005	10/1/2006	50	N/A			\$ -	\$ 959,343	\$ -	\$ 959,343	
SPSM	SPP-2004-178	794630	OKGE	SPS	50	6/1/2005	6/1/2006	10/1/2005	10/1/2006	50	N/A			\$ -	\$ 959,343	\$ -	\$ 959,343	
SPSM	SPP-2004-178	794643	OKGE	SPS	50	6/1/2005	6/1/2006	10/1/2005	10/1/2006	50	N/A			\$ -	\$ 959,343	\$ -	\$ 959,343	
SPSM	SPP-2004-179	794579	OKGE	SPS	50	6/1/2005	6/1/2006	10/1/2005	10/1/2006	50	N/A			\$ -	\$ 959,343	\$ -	\$ 959,343	
SPSM	SPP-2004-179	794633	OKGE	SPS	50	6/1/2005	6/1/2006	10/1/2005	10/1/2006	50	N/A			\$ -	\$ 959,343	\$ -	\$ 959,343	
SPSM	SPP-2004-179	794644	OKGE	SPS	50	6/1/2005	6/1/2006	10/1/2005	10/1/2006	50	N/A			\$ -	\$ 959,343	\$ -	\$ 959,343	
SPSM	SPP-2004-180	794580	CSWS	SPS	50	6/1/2005	6/1/2006	10/1/2005	10/1/2006	50	N/A			\$ -	\$ 959,343	\$ -	\$ 959,343	
SPSM	SPP-2004-180	794634	CSWS	SPS	50	6/1/2005	6/1/2006	10/1/2005	10/1/2006	50	N/A			\$ -	\$ 959,343	\$ -	\$ 959,343	
SPSM	SPP-2004-180	794645	CSWS	SPS	50	6/1/2005	6/1/2006	10/1/2005	10/1/2006	50	N/A			\$ -	\$ 959,343	\$ -	\$ 959,343	
SPSM	SPP-2004-182	794582	MPS	SPS	50	6/1/2005	6/1/2006	10/1/2005	10/1/2006	50	N/A			\$ -	\$ 959,343	\$ -	\$ 959,343	
SPSM	SPP-2004-182	794636	MPS	SPS	50	6/1/2005	6/1/2006	10/1/2005	10/1/2006	50	N/A			\$ -	\$ 959,343	\$ -	\$ 959,343	
SPSM	SPP-2004-182	794651	MPS	SPS	50	6/1/2005	6/1/2006	10/1/2005	10/1/2006	50	N/A			\$ -	\$ 959,343	\$ -	\$ 959,343	
UCU	AG1-2005-067	736985	MPS	MPS	105	6/1/2007	6/1/2008	4/1/2008	4/1/2009	50	07WP	\$ 1,877,520		\$ 2,683,368		\$ 2,683,368	\$ 2,683,368	
UCU	AG1-2005-068	736987	MPS	MPS	105	6/1/2007	6/1/2010			70	10SP	\$ 1,940,094		\$ 3,021,478		\$ 3,029,757	\$ 3,029,757	
UCU	SPP-2004-193	807123	EES	MPS	75	6/1/2007	6/1/2008	10/1/2008	10/1/2009	47	07SP	\$ 935,399		\$ 3,915,915	\$ 793,626	\$ 4,241,577	\$ 4,241,577	
UCU	SPP-2004-193	807124	EES	MPS	75	6/1/2007	6/1/2008	10/1/2008	10/1/2009	47	07SP	\$ 935,399		\$ 3,915,915	\$ 793,626	\$ 3,950,579	\$ 3,950,579	
UCU	SPP-2004-193	807125	EES	MPS	75	6/1/2007	6/1/2008	10/1/2008	10/1/2009	47	07SP	\$ 935,399		\$ 3,915,915	\$ 793,626	\$ 3,950,579	\$ 3,950,579	
UCU	SPP-2004-193	807126	EES	MPS	75	6/1/2007	6/1/2008	10/1/2008	10/1/2009	47	07SP	\$ 935,399		\$ 3,915,915	\$ 793,626	\$ 3,950,579	\$ 3,950,579	
WRGS	AG1-2005-028D	886189	OKGE	WR	150	10/1/2005	10/1/2011	5/1/2010	5/1/2016	0	05FA	\$ 5,416,627	\$ 5,416,627	\$ -		\$ 27,928,525	\$ 27,928,525	
												Totals	\$ 204,026,426	\$ 87,225,793	\$ 389,507,448		\$ 754,381,947	

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

Customer Study Number
APM AG1-2005-001

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
APM	851299	AECI	OKGE	13	5/1/2005	5/1/2006	10/1/2005	10/1/2006	\$ -	-	\$ -	\$ -
										Total	\$ -	\$ -

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
851299						
				Total	\$ -	\$ -

Possible Third Party Limitations

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost
851299	8WELLS 500 - WEBRE 500KV CKT 1	6/1/2006		\$ -	\$ -

Customer Study Number
CSWM AG1-2005-003

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
CSWM	857419, 857421	WFEC	CSWS	31	11/1/2005	1/1/2017	10/1/2007	12/1/2018	\$ 580,000	-	\$ 3,159,285	\$ -
										Total	\$ 3,159,285	\$ 6,442,209

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
857419, 857421	ANADARKO - CYRIL 69KV CKT 1	6/1/2006	6/1/2007	\$ 667,225	\$ 3,250,000	\$ 1,250,385
	ANADARKO - GEORGIA 138KV CKT 1	6/1/2010	6/1/2010	\$ 20,530	\$ 100,000	\$ 30,668
	ANADARKO 138/69KV TRANSFORMER CKT 1	6/1/2006	6/1/2007	\$ 410,600	\$ 2,000,000	\$ 769,468
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 AEPW	6/1/2013	6/1/2013	\$ 346,360	\$ 4,000,000	\$ 625,057
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 OKGE	6/1/2013	6/1/2013	\$ 82,693	\$ 955,000	\$ 159,774
	CLINTON CITY - FOSS TAP 69KV CKT 1	6/1/2006	6/1/2007	\$ 7,390	\$ 75,000	\$ 17,846
	CYRIL - MEDICINE PARK JCT 69KV CKT 1	6/1/2006	6/1/2007	\$ 677,490	\$ 3,300,000	\$ 1,269,622
	FLETCHER - MEDICINE PARK JCT 69KV CKT 1	6/1/2015	6/1/2015	\$ 369,540	\$ 1,800,000	\$ 402,578
	ORU WEST TAP - RIVERSIDE STATION 138KV CKT 1	6/1/2010	6/1/2010	\$ 1,157	\$ 10,000	\$ 2,798
	Snyder - Altus Jct 138KV	6/1/2006	6/1/2008	\$ 576,300	\$ 15,000,000	\$ 1,914,013
				Total	\$ 3,159,285	\$ 30,490,000

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

Reservation	Upgrade Name	COD	EOC
857419, 857421	AEP Tulsa Project	6/1/2006	6/1/2007

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

Reservation	Upgrade Name	COD	EOC
857419, 857421	FIXICO TAP - MAUD 138KV AEPW	6/1/2015	6/1/2015
	FIXICO TAP - MAUD 138KV OKGE	6/1/2015	6/1/2015
	FLETCHER - MARLOW JCT 69KV CKT 1	6/1/2015	6/1/2015

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

Customer Study Number
CSWM AG1-2005-069

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
CSWM	852362	CSWS	CSWS	100	1/1/2006	1/1/2008	6/1/2007	6/1/2009	\$ -	\$ -	\$ 773,058	
CSWM	852367	CSWS	CSWS	100	1/1/2006	1/1/2008	6/1/2009	6/1/2011	\$ -	\$ -	\$ 1,051,942	
Total											\$ 1,825,000	\$ 2,938,049

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
852362	NORTHWEST HENDERSON - OAK HILL #1 138KV CKT 1	6/1/2007	6/1/2007	\$ 30,743	\$ 75,000	\$ 44,264
	WHITNEY 138/69/12.5KV TRANSFORMER	6/1/2007		\$ 742,315	\$ 1,750,000	\$ 1,068,785
Total				\$ 773,058	\$ 1,825,000	\$ 1,113,049
852367	NORTHWEST HENDERSON - OAK HILL #1 138KV CKT 1	6/1/2007	6/1/2007	\$ 44,257	\$ 75,000	\$ 76,802
	WHITNEY 138/69/12.5KV TRANSFORMER	6/1/2007		\$ 1,007,685	\$ 1,750,000	\$ 1,748,715
Total				\$ 1,051,942	\$ 1,825,000	\$ 1,825,517

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

Reservation	Upgrade Name	COD	EOC
852362	AEP Tulsa Project	6/1/2006	6/1/2007
	KNOX LEE - OAK HILL #2 138KV	6/1/2006	6/1/2007
852367	KNOX LEE - OAK HILL #2 138KV	6/1/2006	6/1/2007
	AEPW PLANNED UPGRADE FOR NW ARKANSAS	10/1/2005	6/1/2009

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

Reservation	Upgrade Name	COD	EOC
852367	ALUMAX TAP - BANN 138KV CKT 1	6/1/2010	6/1/2010
	ALUMAX TAP - NORTHWEST TEXARKANA 138KV CKT 1	6/1/2006	4/1/2008
	LONGWOOD - OAK PAN-HARR REC 138KV CKT 1	6/1/2010	6/1/2010

Possible Third Party Limitations

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost
852362	4RINGLD 138 - CARROLL 138KV CKT 1	10/1/2005		\$ -	\$ -
	GRIMES - MT. ZION 138KV CKT 1	6/1/2006		\$ -	\$ -

Customer Study Number
CSWM AG1-2005-070

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
CSWM	852370	CSWS	CSWS	100	1/1/2006	1/1/2008	6/1/2007	6/1/2009	\$ -	\$ -	\$ -	
CSWM	852371	CSWS	CSWS	100	1/1/2006	1/1/2008	6/1/2009	6/1/2011	\$ -	\$ -	\$ 1,190,928	
Total											\$ 1,190,928	\$ 3,171,247

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
852371	BEE LINE - EXPLORER GLENPOOL 138KV CKT 1	6/1/2010	6/1/2010	\$ 117,616	\$ 200,000	\$ 363,139
	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW	6/1/2010	6/1/2010	\$ 588,080	\$ 1,000,000	\$ 1,800,855
	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE	6/1/2010	6/1/2010	\$ 235,232	\$ 400,000	\$ 726,277
	WELSH REC - WILKES 138KV CKT 1	6/1/2010	6/1/2010	\$ 250,000	\$ 250,000	\$ 280,976
Total				\$ 1,190,928	\$ 1,850,000	\$ 3,171,247

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

Reservation	Upgrade Name	COD	EOC
852370	AEP Tulsa Project	6/1/2006	6/1/2007
852371	AEP Tulsa Project	6/1/2006	6/1/2007
	AEPW PLANNED UPGRADE FOR NW ARKANSAS	10/1/2005	6/1/2009
	Flint Creek to East Centerton 345 kv	6/1/2010	6/1/2011

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

Reservation	Upgrade Name	COD	EOC
852371	ALUMAX TAP - BANN 138KV CKT 1	6/1/2010	6/1/2010
	ALUMAX TAP - NORTHWEST TEXARKANA 138KV CKT 1	6/1/2006	4/1/2008
	BROKEN BOW - CRAIG JUNCTION 138KV CKT 1	10/1/2005	4/1/2008
	EAST CENTRAL HENRYETTA - OKMULGEE 138KV CKT 1	12/1/2005	11/1/2007
	EAST CENTRAL HENRYETTA - WELLETKA 138KV CKT 1	12/1/2005	11/1/2007
	LONE STAR SOUTH - PITTSBURG 138KV CKT 1	6/1/2010	6/1/2010
	LONGWOOD - OAK PAN-HARR REC 138KV CKT 1	6/1/2010	6/1/2010

Possible Third Party Limitations

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost
852371	3JNSBRO 115 - DANVILLE 115 (LPL) 115KV CKT 1	6/1/2007		\$ -	\$ -
	8WELLS 500 - WEBRE 500KV CKT 1	6/1/2006		\$ -	\$ -

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

Customer Study Number
CSWM AG1-2005-072

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
CSWM	874597	CSWS	CSWS	41	12/1/2005	12/1/2015	6/1/2007	6/1/2017	\$ 738,000	\$ -	\$ 2,299,876	
Total											\$ 2,299,876	\$ 5,217,111

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
874597	CLARKSVILLE - MUSKOGEE 345KV CKT 1 AEPW	6/1/2013	6/1/2013	\$ 417,560	\$ 4,000,000	\$ 730,395
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 OKGE	6/1/2013	6/1/2013	\$ 99,692	\$ 955,000	\$ 187,453
	CLASSEN - SW 5TAP 138KV CKT 1	6/1/2006	6/1/2007	\$ 50,000	\$ 50,000	\$ 116,035
	CLINTON CITY - FOSS TAP 69KV CKT 1	6/1/2006	6/1/2007	\$ 39,005	\$ 75,000	\$ 91,304
	Headley 4 Mvar DVAR	6/1/2010	6/1/2010	\$ 68,070	\$ 1,000,000	\$ 179,992
	ORU WEST TAP - RIVERSIDE STATION 138KV CKT 1	6/1/2010	6/1/2010	\$ 1,503	\$ 10,000	\$ 3,525
	SHAMROCK 115KV	6/1/2007	6/1/2007	\$ 24,045	\$ 300,000	\$ 87,302
	WEATHERFORD SOUTHEAST (WTH_SE) 138/69/13.8KV TRANSFORMER CKT 1	4/1/2006	6/1/2007	\$ 1,600,000	\$ 1,600,000	\$ 3,821,105
Total				\$ 2,299,876	\$ 7,990,000	\$ 5,217,111

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

Reservation	Upgrade Name	COD	EOC
874597	AEP Tulsa Project	6/1/2006	6/1/2007

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

Reservation	Upgrade Name	COD	EOC
874597	FIXICO TAP - MAUD 138KV AEPW	6/1/2015	6/1/2015
	FIXICO TAP - MAUD 138KV OKGE	6/1/2015	6/1/2015

Customer Study Number
CSWM AG1-2005-073, AG1-2005-012

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
CSWM	881466, 881467	CSWS	CSWS	80	6/1/2006	6/1/2026	6/1/2007	6/1/2027	\$ 1,440,000	\$ -	\$ 6,998,680	
Total											\$ 6,998,680	\$ 16,328,967

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
881466, 881467	CLARKSVILLE - MUSKOGEE 345KV CKT 1 AEPW	6/1/2013	6/1/2013	\$ 703,880	\$ 4,000,000	\$ 1,231,562
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 OKGE	6/1/2013	6/1/2013	\$ 168,051	\$ 955,000	\$ 316,076
	FT SUPPLY 138/69KV TRANSFORMER CKT 1	6/1/2006	6/1/2007	\$ 1,500,000	\$ 1,500,000	\$ 3,611,845
	HAMON BUTLER - MOREWOOD 69KV CKT 1	6/1/2006	6/1/2007	\$ 3,123,886	\$ 3,400,000	\$ 7,521,995
	KNOBHILL (KNOBHIL4) 138/69/13.2KV TRANSFORMER CKT 1	6/1/2010	6/1/2010	\$ 1,500,000	\$ 1,500,000	\$ 3,640,775
	ORU WEST TAP - RIVERSIDE STATION 138KV CKT 1	6/1/2010	6/1/2010	\$ 2,863	\$ 10,000	\$ 6,714
Total				\$ 6,998,680	\$ 11,365,000	\$ 16,328,967

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

Reservation	Upgrade Name	COD	EOC
881466	AEP Tulsa Project	6/1/2006	6/1/2007

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

Customer Study Number
CSWM SPP-2004-185, SPP-2004-200

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
CSWM	795005, 798927, 841761, 841762	WFEC	CSWS	120	11/1/2005	1/1/2017	10/1/2007	12/1/2018	\$ 2,160,000	\$ -	\$ 12,229,414	
Total											\$ 12,229,414	\$ 24,937,396

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
795005, 798927, 841761, 841762	ANADARKO - CYRIL 69KV CKT 1	6/1/2006	6/1/2007	\$ 2,582,775	\$ 3,250,000	\$ 4,840,142
	ANADARKO - GEORGIA 138KV CKT 1	6/1/2010	6/1/2010	\$ 79,470	\$ 100,000	\$ 118,712
	ANADARKO 138/69KV TRANSFORMER CKT 1	6/1/2006	6/1/2007	\$ 1,589,400	\$ 2,000,000	\$ 2,978,549
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 AEPW	6/1/2013	6/1/2013	\$ 1,340,800	\$ 4,000,000	\$ 2,419,670
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 OKGE	6/1/2013	6/1/2013	\$ 320,116	\$ 955,000	\$ 618,506
	CLINTON CITY - FOSS TAP 69KV CKT 1	6/1/2006	6/1/2007	\$ 28,605	\$ 75,000	\$ 69,082
	CYRIL - MEDICINE PARK JCT 69KV CKT 1	6/1/2006	6/1/2007	\$ 2,622,510	\$ 3,300,000	\$ 4,914,605
	FLETCHER - MEDICINE PARK JCT 69KV CKT 1	6/1/2015	6/1/2015	\$ 1,430,460	\$ 1,800,000	\$ 1,558,346
	ORU WEST TAP - RIVERSIDE STATION 138KV CKT 1	6/1/2010	6/1/2010	\$ 4,478	\$ 10,000	\$ 10,832
	Snyder - Altus Jct 138KV	6/1/2006	6/1/2008	\$ 2,230,800	\$ 15,000,000	\$ 7,408,953
Total				\$ 12,229,414	\$ 30,490,000	\$ 24,937,396

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

Reservation	Upgrade Name	COD	EOC
795005, 798927, 841761, 841762	AEP Tulsa Project	6/1/2006	6/1/2007

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

Reservation	Upgrade Name	COD	EOC
795005, 798927, 841761, 841762	FIXICO TAP - MAUD 138KV AEPW	6/1/2015	6/1/2015
	FIXICO TAP - MAUD 138KV OKGE	6/1/2015	6/1/2015
	FLETCHER - MARLOW JCT 69KV CKT 1	6/1/2015	6/1/2015

Customer Study Number
EDE AG1-2005-020

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
EDE	884286	KCPL	EDE	5	1/1/2006	1/1/2008	10/1/2008	10/1/2010	\$ -	\$ -	\$ 83,256	
Total											\$ 83,256	\$ 241,103

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
884286	BLUE SPRINGS EAST - DUNCAN ROAD 161KV CKT 1	6/1/2007	6/1/2007	\$ 2,906	\$ 1,605,500	\$ 10,924
	OZARKS (OZARK) 161/69/12.5KV TRANSFORMER CKT 1	6/1/2010	6/1/2010	\$ 31,560	\$ 1,000,000	\$ 90,410
	SUB 330 - OZARK NORTHWEST - SUB 415 - BLACKHAWK JCT. 69KV CKT 1	6/1/2010	6/1/2010	\$ 15,053	\$ 480,000	\$ 43,122
	SUB 390 - PURDY SOUTH 69KV	6/1/2010	6/1/2010	\$ 33,738	\$ 1,040,000	\$ 96,648
Total				\$ 83,256	\$ 4,125,500	\$ 241,103

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

Reservation	Upgrade Name	COD	EOC
884286	JAMESVILLE (JAMESV1) 161/69/13.8KV TRANSFORMER CKT 1	6/1/2006	6/1/2007

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

Reservation	Upgrade Name	COD	EOC
884286	OZARKS - SUB 434 - OZARK SOUTHEAST 69KV CKT 1	6/1/2007	6/1/2009
	SUB 330 - OZARK NORTHWEST - SUB 434 - OZARK SOUTHEAST 69KV CKT 1	6/1/2007	6/1/2009

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

Customer Study Number
EDE SPP-2004-092

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
EDE	683521	KCPL	EDE	50	6/1/2008	6/1/2028	6/1/2009	6/1/2029	\$ 7,200,000	\$ -	\$ 9,313,178	
EDE	683523	KCPL	EDE	50	6/1/2008	6/1/2028	6/1/2009	6/1/2029	\$ -	\$ -	\$ 9,313,178	
EDE	683525	KCPL	EDE	50	6/1/2008	6/1/2028	6/1/2009	6/1/2029	\$ -	\$ -	\$ 9,313,178	
Total											\$ 27,939,534	\$ 49,074,888

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
683521	BLUE SPRINGS EAST - DUNCAN ROAD 161KV CKT 1	6/1/2007	6/1/2007	\$ 28,979	\$ 1,605,500	\$ 105,832	
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 AEPW	6/1/2013	6/1/2013	\$ 226,320	\$ 4,000,000	\$ 434,495	
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 OKGE	6/1/2013	6/1/2013	\$ 54,034	\$ 955,000	\$ 110,173	
	JAMESVILLE - SUB 415 - BLACKHAWK JCT. 69KV CKT 1	6/1/2015	6/1/2015	\$ 5,116,616	\$ 15,350,000	\$ 8,339,696	
	STRANGER - THORTON 115 KV CKT 1	6/1/2015	6/1/2015	\$ 148,654	\$ 2,200,000	\$ 258,319	
	Oronogo new 161/12 kv 22.4 MVA transformer	6/1/2015	6/1/2015	\$ 666,660	\$ 2,000,000	\$ 1,086,605	
	OZARKS (OZARK) 161/69/12.5KV TRANSFORMER CKT 1	6/1/2010	6/1/2010	\$ 322,810	\$ 1,000,000	\$ 898,319	
	SUB 110 - ORONOGO JCT. - SUB 167 - RIVERTON 161KV CKT 1	6/1/2015	6/1/2015	\$ 1,743,174	\$ 5,400,000	\$ 2,977,801	
	SUB 209 - HERMITAGE 69KV	6/1/2015	6/1/2015	\$ 346,663	\$ 1,040,000	\$ 565,035	
	SUB 330 - OZARK NORTHWEST - SUB 415 - BLACKHAWK JCT. 69KV CKT 1	6/1/2010	6/1/2010	\$ 154,982	\$ 480,000	\$ 431,287	
	SUB 389 - JOPLIN SOUTHWEST - SUB EXPLORER SPRING CITY TAP 69KV CKT 1	6/1/2015	6/1/2015	\$ 133,332	\$ 400,000	\$ 217,321	
	SUB 390 - PURDY SOUTH 69KV	6/1/2010	6/1/2010	\$ 335,421	\$ 1,040,000	\$ 933,413	
				Total	\$ 9,277,645	\$ 35,470,500	\$ 16,358,296
	683523	BLUE SPRINGS EAST - DUNCAN ROAD 161KV CKT 1	6/1/2007	6/1/2007	\$ 28,979	\$ 1,605,500	\$ 105,832
		CLARKSVILLE - MUSKOGEE 345KV CKT 1 AEPW	6/1/2013	6/1/2013	\$ 226,320	\$ 4,000,000	\$ 434,495
		CLARKSVILLE - MUSKOGEE 345KV CKT 1 OKGE	6/1/2013	6/1/2013	\$ 54,034	\$ 955,000	\$ 110,173
		JAMESVILLE - SUB 415 - BLACKHAWK JCT. 69KV CKT 1	6/1/2015	6/1/2015	\$ 5,116,616	\$ 15,350,000	\$ 8,339,696
STRANGER - THORTON 115 KV CKT 1		6/1/2015	6/1/2015	\$ 148,654	\$ 2,200,000	\$ 258,319	
Oronogo new 161/12 kv 22.4 MVA transformer		6/1/2015	6/1/2015	\$ 666,660	\$ 2,000,000	\$ 1,086,605	
OZARKS (OZARK) 161/69/12.5KV TRANSFORMER CKT 1		6/1/2010	6/1/2010	\$ 322,810	\$ 1,000,000	\$ 898,319	
SUB 110 - ORONOGO JCT. - SUB 167 - RIVERTON 161KV CKT 1		6/1/2015	6/1/2015	\$ 1,743,174	\$ 5,400,000	\$ 2,977,801	
SUB 209 - HERMITAGE 69KV		6/1/2015	6/1/2015	\$ 346,663	\$ 1,040,000	\$ 565,035	
SUB 330 - OZARK NORTHWEST - SUB 415 - BLACKHAWK JCT. 69KV CKT 1		6/1/2010	6/1/2010	\$ 154,982	\$ 480,000	\$ 431,287	
SUB 389 - JOPLIN SOUTHWEST - SUB EXPLORER SPRING CITY TAP 69KV CKT 1		6/1/2015	6/1/2015	\$ 133,332	\$ 400,000	\$ 217,321	
SUB 390 - PURDY SOUTH 69KV		6/1/2010	6/1/2010	\$ 335,421	\$ 1,040,000	\$ 933,413	
				Total	\$ 9,277,645	\$ 35,470,500	\$ 16,358,296
683525		BLUE SPRINGS EAST - DUNCAN ROAD 161KV CKT 1	6/1/2007	6/1/2007	\$ 28,979	\$ 1,605,500	\$ 105,832
		CLARKSVILLE - MUSKOGEE 345KV CKT 1 AEPW	6/1/2013	6/1/2013	\$ 226,320	\$ 4,000,000	\$ 434,495
		CLARKSVILLE - MUSKOGEE 345KV CKT 1 OKGE	6/1/2013	6/1/2013	\$ 54,034	\$ 955,000	\$ 110,173
		JAMESVILLE - SUB 415 - BLACKHAWK JCT. 69KV CKT 1	6/1/2015	6/1/2015	\$ 5,116,616	\$ 15,350,000	\$ 8,339,696
	STRANGER - THORTON 115 KV CKT 1	6/1/2015	6/1/2015	\$ 148,654	\$ 2,200,000	\$ 258,319	
	Oronogo new 161/12 kv 22.4 MVA transformer	6/1/2015	6/1/2015	\$ 666,660	\$ 2,000,000	\$ 1,086,605	
	OZARKS (OZARK) 161/69/12.5KV TRANSFORMER CKT 1	6/1/2010	6/1/2010	\$ 322,810	\$ 1,000,000	\$ 898,319	
	SUB 110 - ORONOGO JCT. - SUB 167 - RIVERTON 161KV CKT 1	6/1/2015	6/1/2015	\$ 1,743,174	\$ 5,400,000	\$ 2,977,801	
	SUB 209 - HERMITAGE 69KV	6/1/2015	6/1/2015	\$ 346,663	\$ 1,040,000	\$ 565,035	
	SUB 330 - OZARK NORTHWEST - SUB 415 - BLACKHAWK JCT. 69KV CKT 1	6/1/2010	6/1/2010	\$ 154,982	\$ 480,000	\$ 431,287	
	SUB 389 - JOPLIN SOUTHWEST - SUB EXPLORER SPRING CITY TAP 69KV CKT 1	6/1/2015	6/1/2015	\$ 133,332	\$ 400,000	\$ 217,321	
	SUB 390 - PURDY SOUTH 69KV	6/1/2010	6/1/2010	\$ 335,421	\$ 1,040,000	\$ 933,413	
				Total	\$ 9,277,645	\$ 35,470,500	\$ 16,358,296

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

Reservation	Upgrade Name	COD	EOC
683521	BROOKLINE - SPRINGFIELD 161KV CKT 1 AECJ	6/1/2010	6/1/2008
	BROOKLINE - SPRINGFIELD 161KV CKT 1 SWPA	6/1/2010	6/1/2008
683523	BROOKLINE - SPRINGFIELD 161KV CKT 1 AECJ	6/1/2010	6/1/2008
	BROOKLINE - SPRINGFIELD 161KV CKT 1 SWPA	6/1/2010	6/1/2008
683525	BROOKLINE - SPRINGFIELD 161KV CKT 1 AECJ	6/1/2010	6/1/2008
	BROOKLINE - SPRINGFIELD 161KV CKT 1 SWPA	6/1/2010	6/1/2008

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

Reservation	Upgrade Name	COD	EOC
683521	OZARKS - SUB 434 - OZARK SOUTHEAST 69KV CKT 1	6/1/2007	6/1/2009
	SUB 330 - OZARK NORTHWEST - SUB 434 - OZARK SOUTHEAST 69KV CKT 1	6/1/2007	6/1/2009
683523	OZARKS - SUB 434 - OZARK SOUTHEAST 69KV CKT 1	6/1/2007	6/1/2009
	SUB 330 - OZARK NORTHWEST - SUB 434 - OZARK SOUTHEAST 69KV CKT 1	6/1/2007	6/1/2009
683525	OZARKS - SUB 434 - OZARK SOUTHEAST 69KV CKT 1	6/1/2007	6/1/2009
	SUB 330 - OZARK NORTHWEST - SUB 434 - OZARK SOUTHEAST 69KV CKT 1	6/1/2007	6/1/2009

Third Party Limitations

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost
683521	NIXA #1 - SPRINGFIELD 161KV CKT 1	6/1/2015	6/1/2015	\$ 35,533	\$ 106,800
683523	NIXA #1 - SPRINGFIELD 161KV CKT 1	6/1/2015	6/1/2015	\$ 35,533	\$ 106,800
683525	NIXA #1 - SPRINGFIELD 161KV CKT 1	6/1/2015	6/1/2015	\$ 35,533	\$ 106,800

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

Customer Study Number
GSEC AG1-2005-062

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements	
GSEC	895344	SECI	SPS	300	5/1/2010	5/1/2040			\$ 54,000,000		\$ 49,511,659		
											Total	\$ 49,511,659	\$ 185,647,911

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
895344	GREENSBURG - JUDSON LARGE 115KV CKT 1	6/1/2008	6/1/2008	\$ 71,330	\$ 153,114	\$ 321,419
	LEA COUNTY INTERCHANGE 230/115KV TRANSFORMER	12/1/2010	12/1/2010	\$ 2,863,690	\$ 3,000,010	\$ 13,552,890
	MUSTANG STATION 230/115KV TRANSFORMER CKT 1	12/1/2010	12/1/2010	\$ 2,203,525	\$ 2,500,000	\$ 10,428,551
	Potter - Roosevelt 345KV	6/1/2010	6/1/2010	\$ 39,001,315	\$ 45,104,390	\$ 138,685,096
	Snyder - Altus Jct 138KV	6/1/2006	6/1/2008	\$ 5,371,800	\$ 15,000,000	\$ 22,659,955
	SPS MUST RUN GENERATION	5/1/2010		\$ -	\$ -	\$ -
				Total	\$ 49,511,659	\$ 185,647,911

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

Reservation	Upgrade Name	COD	EOC
895344	HOLCOMB - PLYMELL 115KV CKT 1	6/1/2006	6/1/2008
	TUGO INTERCHANGE 230/115KV TRANSFORMER CKT 1	6/1/2008	6/1/2008
	TUGO INTERCHANGE 230KV	6/1/2007	6/1/2007
	7RIVERS-PECOS-POTASH JUNCTION 230 KV	4/1/2008	4/1/2008

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

Reservation	Upgrade Name	COD	EOC
895344	DOSS3 115KV	12/1/2010	12/1/2010
	JEC - Swissvale 345KV	6/1/2011	6/1/2011
	MOORE COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 1	6/1/2010	6/1/2010

Customer Study Number
KCPS GEN-2004-008

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements	
KCPS	855998	KCPL	KCPL	500	6/6/2009	6/1/2029			\$ 90,000,000		\$ 1,897,694		
											Total	\$ 1,897,694	\$ 4,611,357

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
855998	BLUE SPRINGS EAST - DUNCAN ROAD 161KV CKT 1	6/1/2007	6/1/2007	\$ 408,664	\$ 1,605,500	\$ 1,627,255
	EAST - WOODBINE 161KV CKT 1	6/1/2010	6/1/2010	\$ 150,000	\$ 150,000	\$ 442,847
	STRANGER - THORTON 115 KV CKT 1	6/1/2015	6/1/2015	\$ 1,339,030	\$ 2,200,000	\$ 2,541,255
				Total	\$ 1,897,694	\$ 4,611,357

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

Reservation	Upgrade Name	COD	EOC
855998	ST JOE - WOODBINE 161KV CKT 1	6/1/2007	12/1/2005

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

Customer Study Number
KMEA AG1-2005-031

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KMEA	889194	GRDA	WPEK	3	5/1/2006	5/1/2026	5/1/2010	5/1/2030	\$ -	704,160	795,955	
										Total	\$ 795,955	\$ 3,826,276

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
889194	412SUB - KANSAS TAP 161KV CKT 1	6/1/2015	6/1/2015	\$ 79,891	\$ 1,488,000	\$ 150,838
	412SUB - KERR 161KV CKT 1	6/1/2015	6/1/2015	\$ 102,977	\$ 1,918,000	\$ 194,428
	BEELINE - EXPLORER GLENPOOL 138KV CKT 1	6/1/2010	6/1/2010	\$ 2,398	\$ 200,000	\$ 7,970
	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW	6/1/2010	6/1/2010	\$ 11,990	\$ 1,000,000	\$ 39,961
	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE	6/1/2010	6/1/2010	\$ 4,796	\$ 400,000	\$ 15,940
	KELLY - SOUTH SENECA 115KV CKT 1	4/1/2006	6/1/2008	\$ 34,307	\$ 2,900,000	\$ 191,077
	Pratt City Capacitor	4/1/2006	12/1/2006	\$ 9,546	\$ 1,129,660	\$ 53,691
	Snyder - Altus Jct 138KV	6/1/2006	6/1/2008	\$ 33,900	\$ 15,000,000	\$ 143,001
	WEST GARDNER (WGARD 11) 345/161/13.8KV TRANSFORMER CKT 11	6/1/2006	6/1/2007	\$ 25,170	\$ 3,000,000	\$ 148,563
	Wichita - Reno Co 345KV	10/1/2005	6/1/2010	\$ 490,980	\$ 42,000,000	\$ 2,880,807
				Total	\$ 795,955	\$ 69,035,660

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

Reservation	Upgrade Name	COD	EOC
889194	AEPW PLANNED UPGRADE FOR NW ARKANSAS	10/1/2005	6/1/2009
	HOLCOMB - PLYMELL 115KV CKT 1	6/1/2006	6/1/2008
	Plainville Capacitor	6/1/2006	6/1/2007
	TUCO INTERCHANGE 230KV	6/1/2007	6/1/2007

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

Reservation	Upgrade Name	COD	EOC
889194	BUCYRUS - STILWELL 161KV CKT 1	6/1/2010	6/1/2010
	Harper Capacitor	6/1/2006	11/1/2006
	HEC-HEC GT-Circle 115KV	6/1/2007	6/1/2007
	Mingo and Rhoades DVAR	6/1/2006	10/1/2007

Customer Study Number
KMEA AG1-2005-033

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KMEA	889643	GRDA	WR	5	5/1/2010	5/1/2026			\$ -	1,248,000	1,595,864	
										Total	\$ 1,595,864	\$ 8,322,166

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
889643	412SUB - KANSAS TAP 161KV CKT 1	6/1/2015	6/1/2015	\$ 107,300	\$ 1,488,000	\$ 202,588
	412SUB - KERR 161KV CKT 1	6/1/2015	6/1/2015	\$ 138,307	\$ 1,918,000	\$ 261,132
	BEELINE - EXPLORER GLENPOOL 138KV CKT 1	6/1/2010	6/1/2010	\$ 2,892	\$ 200,000	\$ 9,612
	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW	6/1/2010	6/1/2010	\$ 14,460	\$ 1,000,000	\$ 48,194
	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE	6/1/2010	6/1/2010	\$ 5,784	\$ 400,000	\$ 19,223
	Pratt City Capacitor	4/1/2006	12/1/2006	\$ 27,372	\$ 1,129,660	\$ 153,955
	WEST GARDNER (WGARD 11) 345/161/13.8KV TRANSFORMER CKT 11	6/1/2006	6/1/2007	\$ 35,130	\$ 3,000,000	\$ 207,351
	Wichita - Reno Co 345KV	10/1/2005	6/1/2010	\$ 1,264,620	\$ 42,000,000	\$ 7,420,111
				Total	\$ 1,595,864	\$ 51,135,660

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

Reservation	Upgrade Name	COD	EOC
889643	AEPW PLANNED UPGRADE FOR NW ARKANSAS	10/1/2005	6/1/2009
	Plainville Capacitor	6/1/2006	6/1/2007
	TUCO INTERCHANGE 230KV	6/1/2007	6/1/2007

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

Reservation	Upgrade Name	COD	EOC
889643	BUCYRUS - STILWELL 161KV CKT 1	6/1/2010	6/1/2010
	Harper Capacitor	6/1/2006	11/1/2006
	HEC-HEC GT-Circle 115KV	6/1/2007	6/1/2007
	Mingo and Rhoades DVAR	6/1/2006	10/1/2007

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

Customer Study Number
KMEA AG1-2005-034

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KMEA	889649	GRDA	WR	20	5/1/2010	5/1/2026			\$ -	\$ 4,992,000	\$ 1,472,223	
										Total	\$ 1,472,223	\$ 4,177,940

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
889649	412SUB - KANSAS TAP 161KV CKT 1	6/1/2015	6/1/2015	\$ 202,576	\$ 1,488,000	\$ 382,476	
	412SUB - KERR 161KV CKT 1	6/1/2015	6/1/2015	\$ 261,117	\$ 1,918,000	\$ 493,004	
	BEE LINE - EXPLORER GLENPOOL 138KV CKT 1	6/1/2010	6/1/2010	\$ 5,506	\$ 200,000	\$ 18,299	
	BELL - PECK 69KV CKT 1	6/1/2008	6/1/2008	\$ 127,040	\$ 2,000,000	\$ 550,594	
	BELL - SUMNER COUNTY NO. 3 MILLER 69KV CKT 1	6/1/2015	6/1/2015	\$ 421,140	\$ 2,000,000	\$ 866,387	
	CRESWELL - OAK 69KV CKT 1	6/1/2011	6/1/2011	\$ 29,203	\$ 143,000	\$ 92,718	
	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW	6/1/2010	6/1/2010	\$ 27,530	\$ 1,000,000	\$ 91,755	
	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE	6/1/2010	6/1/2010	\$ 11,012	\$ 400,000	\$ 36,599	
	GILL ENERGY CENTER WEST - PECK 69KV	6/1/2008	6/1/2008	\$ 190,560	\$ 3,000,000	\$ 825,891	
	RICHLAND - ROSE HILL JUNCTION 69KV CKT 1	6/1/2010	6/1/2010	\$ 96,555	\$ 1,500,000	\$ 340,468	
	ROSE HILL JUNCTION - WEAVER 69KV CKT 1	6/1/2007	6/1/2007	\$ 99,984	\$ 1,600,000	\$ 479,748	
				Total	\$ 1,472,223	\$ 15,249,000	\$ 4,177,940

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

Reservation	Upgrade Name	COD	EOC
889649	AEPW PLANNED UPGRADE FOR NW ARKANSAS	10/1/2005	6/1/2009
	CRESWELL - PARIS 69KV CKT 1	6/1/2006	6/1/2007

Customer Study Number
KMEA AG1-2005-035

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KMEA	889654	GRDA	KCPL	19	5/1/2006	5/1/2026	5/1/2010	5/1/2030	\$ 3,420,000	\$ 4,012,800	\$ 2,288,472	
										Total	\$ 2,288,472	\$ 9,533,610

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
889654	412SUB - KANSAS TAP 161KV CKT 1	6/1/2015	6/1/2015	\$ 409,140	\$ 1,488,000	\$ 772,482	
	412SUB - KERR 161KV CKT 1	6/1/2015	6/1/2015	\$ 527,373	\$ 1,918,000	\$ 995,712	
	BEE LINE - EXPLORER GLENPOOL 138KV CKT 1	6/1/2010	6/1/2010	\$ 9,034	\$ 200,000	\$ 30,025	
	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW	6/1/2010	6/1/2010	\$ 45,170	\$ 1,000,000	\$ 150,547	
	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE	6/1/2010	6/1/2010	\$ 18,068	\$ 400,000	\$ 60,050	
	Pratt City Capacitor	4/1/2006	12/1/2006	\$ 20,526	\$ 1,129,660	\$ 115,451	
	WEST GARDNER (WGARD 11) 345/161/13.8KV TRANSFORMER CKT 11	6/1/2006	6/1/2007	\$ 609,000	\$ 3,000,000	\$ 3,694,554	
	Wichita - Reno Co 345KV	10/1/2005	6/1/2010	\$ 650,160	\$ 42,000,000	\$ 3,814,789	
				Total	\$ 2,288,472	\$ 51,135,660	\$ 9,533,610

*Cost of upgrades to serve cities requested by KPP not included

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

Reservation	Upgrade Name	COD	EOC
889654	AEPW PLANNED UPGRADE FOR NW ARKANSAS	10/1/2005	6/1/2009
	Plainville Capacitor	6/1/2006	6/1/2007
	TUCO INTERCHANGE 230KV	6/1/2007	6/1/2007

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

Reservation	Upgrade Name	COD	EOC
889654	Harper Capacitor	6/1/2006	11/1/2006

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

Customer Study Number
KMEA AG1-2005-036

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KMEA	889666	GRDA	WR	3	5/1/2006	5/1/2026	5/1/2010	5/1/2030	\$ -	936,000	1,217,430	
										Total	\$ 1,217,430	\$ 6,355,879

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
889666	412SUB - KANSAS TAP 161KV CKT 1	6/1/2015	6/1/2015	\$ 80,471	\$ 1,488,000	\$ 151,934	
	412SUB - KERR 161KV CKT 1	6/1/2015	6/1/2015	\$ 103,725	\$ 1,918,000	\$ 195,840	
	BEELINE - EXPLORER GLENPOOL 138KV CKT 1	6/1/2010	6/1/2010	\$ 2,170	\$ 200,000	\$ 7,212	
	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW	6/1/2010	6/1/2010	\$ 10,850	\$ 1,000,000	\$ 36,162	
	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE	6/1/2010	6/1/2010	\$ 4,340	\$ 400,000	\$ 14,424	
	KELLY - SOUTH SENECA 115KV CKT 1	4/1/2006	6/1/2008	\$ 21,083	\$ 2,900,000	\$ 117,424	
	Pratt City Capacitor	4/1/2006	12/1/2006	\$ 20,390	\$ 1,129,660	\$ 114,688	
	WEST GARDNER (WGARD 11) 345/161/13.8KV TRANSFORMER CKT 11	6/1/2006	6/1/2007	\$ 26,880	\$ 3,000,000	\$ 158,656	
	Wichita - Reno Co 345KV	10/1/2005	6/1/2010	\$ 947,520	\$ 42,000,000	\$ 5,559,538	
				Total	\$ 1,217,430	\$ 54,035,660	\$ 6,355,879

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

Reservation	Upgrade Name	COD	EOC
889666	AEPW PLANNED UPGRADE FOR NW ARKANSAS	10/1/2005	6/1/2009
	Plainville Capacitor	6/1/2006	6/1/2007
	TUCO INTERCHANGE 230KV	6/1/2007	6/1/2007

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

Reservation	Upgrade Name	COD	EOC
889666	BUCYRUS - STILWELL 161KV CKT 1	6/1/2010	6/1/2010
	Harper Capacitor	6/1/2006	11/1/2006
	HEC-HEC GT-Circle 115KV	6/1/2007	6/1/2007
	Mingo and Rhoades DVAR	6/1/2006	10/1/2007

Customer Study Number
KMEA AG1-2005-037

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KMEA	889667	GRDA	WR	21	5/1/2006	5/1/2026	6/1/2009	6/1/2029	\$ -	6,552,000	1,338,549	
										Total	\$ 1,338,549	\$ 3,439,307

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
889667	412SUB - KANSAS TAP 161KV CKT 1	6/1/2015	6/1/2015	\$ 154,737	\$ 1,488,000	\$ 265,671	
	412SUB - KERR 161KV CKT 1	6/1/2015	6/1/2015	\$ 199,453	\$ 1,918,000	\$ 342,444	
	BEELINE - EXPLORER GLENPOOL 138KV CKT 1	6/1/2010	6/1/2010	\$ 4,572	\$ 200,000	\$ 14,116	
	BELL - PECK 69KV CKT 1	6/1/2008	6/1/2008	\$ 93,320	\$ 2,000,000	\$ 373,111	
	BELL - SUMNER COUNTY NO. 3 MILLER 69KV CKT 1	6/1/2015	6/1/2015	\$ 304,900	\$ 2,000,000	\$ 578,649	
	CRESWELL - OAK 69KV CKT 1	6/1/2011	6/1/2011	\$ 33,821	\$ 143,000	\$ 99,057	
	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW	6/1/2010	6/1/2010	\$ 22,860	\$ 1,000,000	\$ 70,003	
	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE	6/1/2010	6/1/2010	\$ 9,144	\$ 400,000	\$ 28,232	
	GILL ENERGY CENTER WEST - PECK 69KV	6/1/2008	6/1/2008	\$ 139,980	\$ 3,000,000	\$ 559,667	
	RICHLAND - ROSE HILL JUNCTION 69KV CKT 1	6/1/2010	6/1/2010	\$ 100,500	\$ 1,500,000	\$ 326,919	
	ROSE HILL JUNCTION - WEAVER 69KV CKT 1	6/1/2007	6/1/2007	\$ 104,784	\$ 1,600,000	\$ 463,821	
	SUB 110 - ORONOJO JCT. - SUB 167 - RIVERTON 161KV CKT 1	6/1/2015	6/1/2015	\$ 170,478	\$ 5,400,000	\$ 317,616	
				Total	\$ 1,338,549	\$ 20,649,000	\$ 3,439,307

*Cost of upgrades to serve cities requested by KPP not included

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

Reservation	Upgrade Name	COD	EOC
889667	AEPW PLANNED UPGRADE FOR NW ARKANSAS	10/1/2005	6/1/2009
	CRESWELL - PARIS 69KV CKT 1	6/1/2006	6/1/2007

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

Reservation	Upgrade Name	COD	EOC
889667	CIRCLEVILLE - HOYT HTI SWITCHING JUNCTION 115KV CKT 1	10/1/2005	6/1/2008

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

Customer Study Number
KPP AG1-2005-078

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
KPP	896877	GRDA	WR	18	5/1/2006	5/2/2026	6/1/2009	6/2/2029	\$ -	\$ -	\$ 4,179,466	\$ 11,584,087
Total											\$ 4,179,466	\$ 11,584,087

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
896877	412SUB - KANSAS TAP 161KV CKT 1	6/1/2015	6/1/2015	\$ 453,870	\$ 1,488,000	\$ 779,364
	412SUB - KERR 161KV CKT 1	6/1/2015	6/1/2015	\$ 585,028	\$ 1,918,000	\$ 1,004,583
	BEE LINE - EXPLORER GLENPOOL 138KV CKT 1	6/1/2010	6/1/2010	\$ 14,850	\$ 200,000	\$ 45,856
	BELL - PECK 69KV CKT 1	6/1/2008	6/1/2008	\$ 368,900	\$ 2,000,000	\$ 1,475,134
	BELL - SUMNER COUNTY NO. 3 MILLER 69KV CKT 1	6/1/2015	6/1/2015	\$ 1,273,960	\$ 2,000,000	\$ 2,418,094
	CRESWELL - OAK 69KV CKT 1	6/1/2011	6/1/2011	\$ 79,976	\$ 143,000	\$ 234,270
	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW	6/1/2010	6/1/2010	\$ 74,250	\$ 1,000,000	\$ 227,404
	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE	6/1/2010	6/1/2010	\$ 29,700	\$ 400,000	\$ 91,711
	GILL ENERGY CENTER WEST - PECK 69KV	6/1/2008	6/1/2008	\$ 553,350	\$ 3,000,000	\$ 2,212,701
	MIDIAN (MIDIAN1X) 138/69/13.2KV TRANSFORMER CKT 1	6/1/2006	6/1/2007	\$ 210,330	\$ 1,500,000	\$ 1,029,528
	RICHLAND - ROSE HILL JUNCTION 69KV CKT 1	6/1/2010	6/1/2010	\$ 259,140	\$ 1,500,000	\$ 843,079
	ROSE HILL JUNCTION - WEAVER 69KV CKT 1	6/1/2007	6/1/2007	\$ 276,112	\$ 1,600,000	\$ 1,222,362
Total				\$ 4,179,466	\$ 16,749,000	\$ 11,584,087

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

Reservation	Upgrade Name	COD	EOC
896877	AEPW PLANNED UPGRADE FOR NW ARKANSAS	10/1/2005	6/1/2009
	CRESWELL - PARIS 69KV CKT 1	6/1/2006	6/1/2007

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

Reservation	Upgrade Name	COD	EOC
896877	BUTLER 138/69KV TRANSFORMER CKT 1	6/1/2010	6/1/2010

Customer Study Number
MIDW AG1-2005-056

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
MIDW	895203, 895204	WR	WR	25	6/1/2006	6/1/2009	5/1/2010	5/1/2013	\$ -	\$ -	\$ 3,849,804	\$ 21,172,218
Total											\$ 3,849,804	\$ 21,172,218

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
895203, 895204	KELLY - KING HILL N.M. COOP 115KV CKT 1	10/1/2005	6/1/2008	\$ 472,920	\$ 2,400,000	\$ 1,446,151
	KELLY - SOUTH SENECA 115KV CKT 1	4/1/2006	6/1/2008	\$ 246,065	\$ 2,900,000	\$ 1,370,490
	Pratt City Capacitor	4/1/2006	12/1/2006	\$ 88,249	\$ 1,129,660	\$ 496,368
	WEST GARDNER (WGARD 11) 345/161/13.8KV TRANSFORMER CKT 11	6/1/2006	6/1/2007	\$ 201,690	\$ 3,000,000	\$ 1,190,453
	Wichita - Reno Co 345KV	10/1/2005	6/1/2010	\$ 2,840,880	\$ 42,000,000	\$ 16,668,757
Total				\$ 3,849,804	\$ 51,429,660	\$ 21,172,218

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

Reservation	Upgrade Name	COD	EOC
895203, 895204	Plainville Capacitor	6/1/2006	6/1/2007
	TUCO INTERCHANGE 230KV	6/1/2007	6/1/2007

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

Reservation	Upgrade Name	COD	EOC
895203, 895204	BUCYRUS - STILWELL 161KV CKT 1	6/1/2010	6/1/2010
	CIRCLEVILLE - HOYT HTI SWITCHING JUNCTION 115KV CKT 1	10/1/2005	6/1/2008
	CIRCLEVILLE - KING HILL N.M. COOP 115KV CKT 1	10/1/2005	6/1/2008
	Harper Capacitor	6/1/2006	11/1/2006
	HEC-HEC GT-Circle 115KV	6/1/2007	6/1/2007
	Mingo and Rhoades DVAR	6/1/2006	10/1/2007

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

Customer Study Number
MIDW AG1-2005-058

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements	
MIDW	895207, 895208	KCPL	WR	25	6/1/2006	6/1/2009	5/1/2010	5/1/2013	\$ -	-	\$ 4,115,464		
Total											\$ -	\$ 4,115,464	\$ 24,050,396

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
895207, 895208	KELLY - SOUTH SENECA 115KV CKT 1	4/1/2006	6/1/2008	\$ 272,078	\$ 2,900,000	\$ 1,515,373
	Pratt City Capacitor	4/1/2006	12/1/2006	\$ 65,486	\$ 1,129,660	\$ 368,337
	Wichita - Reno Co 345KV	10/1/2005	6/1/2010	\$ 3,777,900	\$ 42,000,000	\$ 22,166,687
Total				\$ 4,115,464	\$ 46,029,660	\$ 24,050,396

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

Reservation	Upgrade Name	COD	EOC
895207, 895208	Plainville Capacitor	6/1/2006	6/1/2007
	TUCO INTERCHANGE 230KV	6/1/2007	6/1/2007

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

Reservation	Upgrade Name	COD	EOC
895207, 895208	Harper Capacitor	6/1/2006	11/1/2006
	HEC-HEC GT-Circle 115KV	6/1/2007	6/1/2007
	Mingo and Rhoades DVAR	6/1/2006	10/1/2007

Customer Study Number
MIDW AG1-2005-059

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements	
MIDW	895209, 895210	SECI	WR	25	6/1/2006	6/1/2009	5/1/2010	5/1/2013	\$ -	-	\$ 1,911,763		
Total											\$ -	\$ 1,911,763	\$ 10,144,796

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
895209, 895210	GREENSBURG - JUDSON LARGE 115KV CKT 1	6/1/2008	6/1/2008	\$ 6,898	\$ 153,114	\$ 31,082
	Headley 4 Mvar DVAR	6/1/2010	6/1/2010	\$ 78,050	\$ 1,000,000	\$ 270,437
	Potter - Roosevelt 345KV	6/1/2010	6/1/2010	\$ 361,286	\$ 45,104,390	\$ 1,284,700
	Pratt City Capacitor	4/1/2006	12/1/2006	\$ 40,193	\$ 1,129,660	\$ 228,072
	SHAMROCK 115KV	6/1/2007	6/1/2007	\$ 27,576	\$ 300,000	\$ 131,199
	Wichita - Reno Co 345KV	10/1/2005	6/1/2010	\$ 1,397,760	\$ 42,000,000	\$ 8,201,304
Total				\$ 1,911,763	\$ 89,687,164	\$ 10,144,796

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

Reservation	Upgrade Name	COD	EOC
895209, 895210	HOLCOMB - PLYMELL 115KV CKT 1	6/1/2006	6/1/2008
	Plainville Capacitor	6/1/2006	6/1/2007

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

Reservation	Upgrade Name	COD	EOC
895209, 895210	HEC-HEC GT-Circle 115KV	6/1/2007	6/1/2007
	Mingo and Rhoades DVAR	6/1/2006	10/1/2007

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

Customer Study Number
MIDW AG1-2005-060

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements	
MIDW	895216, 897090	WPEK	WR	10	10/1/2005	10/1/2016	5/1/2010	5/1/2013	\$ -	-	\$ 344,809		
Total											\$ -	\$ 344,809	\$ 7,141,291

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
895216, 897090	GREENSBURG - JUDSON LARGE 115KV CKT 1	6/1/2008	6/1/2008	\$ 8,957	\$ 153,114	\$ 147,969
	Headley 4 Mvar DVAR	6/1/2010	6/1/2010	\$ 22,550	\$ 1,000,000	\$ 286,444
	SHAMROCK 115KV	6/1/2007	6/1/2007	\$ 7,962	\$ 300,000	\$ 138,874
	Wichita - Reno Co 345KV	10/1/2005	6/1/2010	\$ 305,340	\$ 42,000,000	\$ 6,568,004
Total				\$ 344,809	\$ 43,453,114	\$ 7,141,291

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

Reservation	Upgrade Name	COD	EOC
895216, 897090	Plainville Capacitor	6/1/2006	6/1/2007

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

Reservation	Upgrade Name	COD	EOC
895216, 897090	Mingo and Rhoades DVAR	6/1/2006	10/1/2007

Customer Study Number
MIDW AG1-2005-064

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements	
MIDW	895938	SECI	WR	100	6/1/2010	6/1/2030			\$ 1,080,000	-	\$ 8,200,354		
Total											\$ -	\$ 8,200,354	\$ 43,111,885

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
895938	GREENSBURG - JUDSON LARGE 115KV CKT 1	6/1/2008	6/1/2008	\$ 27,052	\$ 153,114	\$ 122,840
	Headley 4 Mvar DVAR	6/1/2010	6/1/2010	\$ 319,860	\$ 1,000,000	\$ 1,117,037
	Potter - Roosevelt 345KV	6/1/2010	6/1/2010	\$ 1,864,912	\$ 45,104,390	\$ 6,754,188
	Pratt City Capacitor	4/1/2006	12/1/2006	\$ 161,654	\$ 1,129,860	\$ 916,255
	SHAMROCK 115KV	6/1/2007	6/1/2007	\$ 112,935	\$ 300,000	\$ 541,552
	Wichita - Reno Co 345KV	10/1/2005	6/1/2010	\$ 5,693,940	\$ 42,000,000	\$ 33,660,013
Total				\$ 8,200,354	\$ 89,687,164	\$ 43,111,885

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

Reservation	Upgrade Name	COD	EOC
895938	Plainville Capacitor	6/1/2006	6/1/2007

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

Reservation	Upgrade Name	COD	EOC
895938	HEC-HEC GT-Circle 115KV	6/1/2007	6/1/2007
	Mingo and Rhoades DVAR	6/1/2006	10/1/2007

Customer Study Number
MIDW AG1-2005-065

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements	
MIDW	895940	WPEK	WR	100	10/1/2006	10/1/2011	5/1/2010	5/1/2015	\$ -	-	\$ 11,061,647		
Total											\$ -	\$ 11,061,647	\$ 64,841,552

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
895940	GREENSBURG - JUDSON LARGE 115KV CKT 1	6/1/2008	6/1/2008	\$ 23,714	\$ 153,114	\$ 106,859
	Pratt City Capacitor	4/1/2006	12/1/2006	\$ 123,393	\$ 1,129,860	\$ 694,038
	Wichita - Reno Co 345KV	10/1/2005	6/1/2010	\$ 10,914,540	\$ 42,000,000	\$ 64,040,655
Total				\$ 11,061,647	\$ 43,282,774	\$ 64,841,552

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

Reservation	Upgrade Name	COD	EOC
895940	Plainville Capacitor	6/1/2006	6/1/2007

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

Reservation	Upgrade Name	COD	EOC
895940	HEC-HEC GT-Circle 115KV	6/1/2007	6/1/2007
	Mingo and Rhoades DVAR	6/1/2006	10/1/2007

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

Customer Study Number
MIDW AG1-2005-066

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements	
MIDW	895941	WR	WPEK	100	10/1/2006	10/1/2011	5/1/2010	5/1/2015	\$ -	\$ -	\$ 11,333,052		
Total											\$ -	\$ 11,333,052	\$ 60,277,150

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
895941	KELLY - KING HILL N.M. COOP 115KV CKT 1	10/1/2005	6/1/2008	\$ 1,927,080	\$ 2,400,000	\$ 5,892,854
	KELLY - SOUTH SENECA 115KV CKT 1	4/1/2006	6/1/2008	\$ 2,326,496	\$ 2,900,000	\$ 12,957,711
	Pratt City Capacitor	4/1/2006	12/1/2006	\$ 461,116	\$ 1,129,660	\$ 2,593,605
	Wichita - Reno Co 345KV	10/1/2005	6/1/2010	\$ 6,618,360	\$ 42,000,000	\$ 38,832,980
Total				\$ 11,333,052	\$ 48,429,660	\$ 60,277,150

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

Reservation	Upgrade Name	COD	EOC
895941	HOLCOMB - PLYMELL 115KV CKT 1	6/1/2006	6/1/2008
	Plainville Capacitor	6/1/2006	6/1/2007
	TUCO INTERCHANGE 230KV	6/1/2007	6/1/2007

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

Reservation	Upgrade Name	COD	EOC
895941	CIRCLEVILLE - HOYT HTI SWITCHING JUNCTION 115KV CKT 1	10/1/2005	6/1/2008
	CIRCLEVILLE - KING HILL N.M. COOP 115KV CKT 1	10/1/2005	6/1/2008
	Hamper Capacitor	6/1/2006	11/1/2006
	HEC-HEC GT-Circle 115KV	6/1/2007	6/1/2007
	Mingo and Rhoades DVAR	6/1/2006	10/1/2007

Customer Study Number
OMPA AG1-2005-009

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements	
OMPA	843135	WR	WR	114	4/1/2005	4/1/2010	6/1/2010	6/1/2015	\$ 25,560,000	\$ -	\$ 9,545,679		
Total											\$ -	\$ 9,545,679	\$ 46,582,527

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
843135	BELL - PECK 69KV CKT 1	6/1/2008	6/1/2008	\$ 1,410,760	\$ 2,000,000	\$ 6,160,205
	GILL ENERGY CENTER WEST - PECK 69KV	6/1/2008	6/1/2008	\$ 2,116,140	\$ 3,000,000	\$ 9,240,308
	MIDIAN (MIDIAN1X) 138/69/13.2KV TRANSFORMER CKT 1	6/1/2006	6/1/2007	\$ 1,289,670	\$ 1,500,000	\$ 6,893,424
	RICHLAND - ROSE HILL JUNCTION 69KV CKT 1	6/1/2010	6/1/2010	\$ 1,043,805	\$ 1,500,000	\$ 3,708,281
	ROSE HILL JUNCTION - WEAVER 69KV CKT 1	6/1/2007	6/1/2007	\$ 1,119,104	\$ 1,600,000	\$ 5,410,088
	Wichita - Reno Co 345KV	10/1/2005	6/1/2010	\$ 2,566,200	\$ 42,000,000	\$ 15,170,221
Total				\$ 9,545,679	\$ 51,600,000	\$ 46,582,527

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

Reservation	Upgrade Name	COD	EOC
843135	BUTLER 138/69KV TRANSFORMER CKT 1	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
OMPA AG1-2005-079

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
OMPA	896823, 896825, 896826	SECI	OMPA	50	6/1/2009	6/1/2024			\$ 9,000,000	\$ -	\$ 5,389,663	
Total											\$ 5,389,663	\$ 19,204,942

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
896823, 896825, 896826	Altus Loop	6/1/2006	6/1/2008	\$ 1,359,120	\$ 8,000,000	\$ 5,267,651
	BEELINE - EXPLORER GLENPOOL 138KV CKT 1	6/1/2010	6/1/2010	\$ 40,964	\$ 200,000	\$ 126,476
	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPV	6/1/2010	6/1/2010	\$ 204,820	\$ 1,000,000	\$ 627,213
	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE	6/1/2010	6/1/2010	\$ 81,928	\$ 400,000	\$ 252,952
	GREENSBURG - JUDSON LARGE 115KV CKT 1	6/1/2008	6/1/2008	\$ 15,163	\$ 153,114	\$ 62,900
	Headley 4 Mvar DVAR	6/1/2010	6/1/2010	\$ 361,050	\$ 1,000,000	\$ 1,149,427
	Potter - Roosevelt 345KV	6/1/2010	6/1/2010	\$ 2,178,091	\$ 45,104,390	\$ 7,130,720
	Pratt City Capacitor	4/1/2006	12/1/2006	\$ 74,366	\$ 1,129,660	\$ 385,063
	Russell Switch	6/1/2006	10/1/2006	\$ 16,232	\$ 75,000	\$ 39,063
	SHAMROCK 115KV	6/1/2007	6/1/2007	\$ 127,479	\$ 300,000	\$ 557,259
	Snyder - Altus Jct 138KV	6/1/2006	6/1/2006	\$ 930,450	\$ 15,000,000	\$ 3,606,220
Total				\$ 5,389,663	\$ 72,362,164	\$ 19,204,942

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

Reservation	Upgrade Name	COD	EOC
896823, 896825, 896826	HOLCOMB - PLYMELL 115KV CKT 1	6/1/2006	6/1/2008

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

Reservation	Upgrade Name	COD	EOC
896823, 896825, 896826	JEC - Swissvale 345KV	6/1/2011	6/1/2011

Customer Study Number
OMPA SPP-2004-190D

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
OMPA	796904, 796910, 796911	OMPA	OMPA_OKGE	438	12/1/2005	12/1/2006			\$ -	\$ -	\$ -	
OMPA	796906, 796909, 796913	OMPA	OMPA_WFEC	34	12/1/2005	12/1/2006	6/1/2010	6/1/2011	\$ -	\$ -	\$ 4,246,547	
OMPA	796907, 796908, 796912	OMPA	OMPA_CSWS	161	12/1/2005	12/1/2006	6/1/2010	6/1/2011	\$ -	\$ -	\$ 9,528,712	
Total											\$ 13,775,259	\$ 57,665,289

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements	
796906, 796909, 796913	Altus Loop	6/1/2006	6/1/2008	\$ 1,649,120	\$ 8,000,000	\$ 7,011,407	
	ELK CITY (ELKCTY-4) 138/69/13.8KV TRANSFORMER CKT 1	6/1/2010	6/1/2010	\$ 85,000	\$ 85,000	\$ 104,795	
	Headley 4 Mvar DVAR	6/1/2010	6/1/2010	\$ 98,900	\$ 1,000,000	\$ 345,385	
	Pratt City Capacitor	4/1/2006	12/1/2006	\$ 24,627	\$ 1,129,660	\$ 139,583	
	Snyder - Altus Jct 138KV	6/1/2006	6/1/2008	\$ 2,388,900	\$ 15,000,000	\$ 10,156,660	
*No facility upgrade costs assigned to use of rollover of grandfathered SPA DNR for OMPA_WFEC load				Total	\$ 4,246,547	\$ 25,214,660	\$ 17,757,831
796907, 796908, 796912	Altus Loop	6/1/2006	6/1/2008	\$ 4,991,760	\$ 8,000,000	\$ 21,222,993	
	HAMON BUTLER - MOREWOOD 69KV CKT 1	6/1/2006	6/1/2007	\$ 276,114	\$ 3,400,000	\$ 756,686	
	Headley 4 Mvar DVAR	6/1/2010	6/1/2010	\$ 51,530	\$ 1,000,000	\$ 179,957	
	Potter - Roosevelt 345KV	6/1/2010	6/1/2010	\$ 505,169	\$ 45,104,390	\$ 1,810,168	
	Pratt City Capacitor	4/1/2006	12/1/2006	\$ 12,731	\$ 1,129,660	\$ 72,161	
	Russell Switch	6/1/2006	10/1/2006	\$ 58,768	\$ 75,000	\$ 147,650	
	Snyder - Altus Jct 138KV	6/1/2006	6/1/2008	\$ 3,468,000	\$ 15,000,000	\$ 14,744,567	
	Wichita - Reno Co 345KV	10/1/2005	6/1/2010	\$ 164,640	\$ 42,000,000	\$ 973,278	
Total				\$ 9,528,712	\$ 115,709,050	\$ 39,907,458	

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

Reservation	Upgrade Name	COD	EOC
796906	TUCO INTERCHANGE 230KV	6/1/2007	6/1/2007

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

Reservation	Upgrade Name	COD	EOC
796906, 796909, 796913	Harper Capacitor	6/1/2006	11/1/2006
796906, 796909, 796913	HEC-HEC GT-Circle 115KV	6/1/2007	6/1/2007
796907, 796908, 796912	Harper Capacitor	6/1/2006	11/1/2006

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

Customer **Study Number**
SPA **AG1-2005-077**

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
SPA	896846	WFEC	SPA	13	4/1/2006	6/1/2020			\$ -	\$ 1,878,712	\$ -	\$ -
										Total	\$ -	\$ -

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
896846						
				Total	\$ -	\$ -

Possible Third Party Limitations

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost
896846	ARKANSAS NUCLEAR ONE 161 - RUSSELLVILLE NORTH 161KV CKT 1	6/1/2015		\$ -	\$ -

Customer **Study Number**
SPSM **SPP-2004-141**

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
SPSM	750450	SPS	EDDY	35	1/1/2007	1/1/2013			\$ -	\$ 4,032,920	\$ 1,606,412	\$ -
										Total	\$ 1,606,412	\$ 4,604,913

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
750450	LEA COUNTY INTERCHANGE 230/115KV TRANSFORMER	12/1/2010	12/1/2010	\$ 136,320	\$ 3,000,010	\$ 477,518
	MUSTANG STATION 230/115KV TRANSFORMER CKT 1	12/1/2010	12/1/2010	\$ 296,475	\$ 2,500,000	\$ 1,038,525
	Potter - Roosevelt 345KV	6/1/2010	6/1/2010	\$ 1,173,616	\$ 45,104,390	\$ 3,088,870
	SPS MUST RUN GENERATION	1/1/2007	1/1/2007	\$ -	\$ -	\$ -
				Total	\$ 1,606,412	\$ 50,604,400

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

Reservation	Upgrade Name	COD	EOC
750450	TUCO INTERCHANGE 230KV	6/1/2007	6/1/2007
	7RIVERS-PECOS-POTASH JUNCTION 230 KV	4/1/2008	4/1/2008

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

Reservation	Upgrade Name	COD	EOC
750450	CURRY COUNTY INTERCHANGE - ROOSEVELT COUNTY INTERCHANGE 115KV CKT 2	8/1/2010	6/1/2010
	DOSS3 115KV	12/1/2010	12/1/2010
	ROOSEVELT COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 1	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 SPP-2004-178

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
SPSM	794577	OKGE	SPS	50	6/1/2005	6/1/2006	10/1/2005	10/1/2006	\$ -	\$ 959,343	\$ -	
SPSM	794630	OKGE	SPS	50	6/1/2005	6/1/2006	10/1/2005	10/1/2006	\$ -	\$ 959,343	\$ -	
SPSM	794643	OKGE	SPS	50	6/1/2005	6/1/2006	10/1/2005	10/1/2006	\$ -	\$ 959,343	\$ -	
										Total	\$ -	\$ -

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
794577	None					
				Total	\$ -	\$ -

794630	None					
				Total	\$ -	\$ -

794643	None					
				Total	\$ -	\$ -

Reservation 381171 Required for Curtailment (Other considered curtailments not feasible)		Curtailment Amount Required by Dates Needed			
Reservation	Overloaded Facility	10/1/2005 - 12/1/2005 (MW)	12/1/2005 - 4/1/2006 (MW)	4/1/2006 - 6/1/2006 (MW)	6/1/2006 - 10/1/2006 (MW)
794577	GYPSUM - RUSSELL 69KV	0	0	0	5
	MEDICINE LODGE 115KV	0	0	0	9
	MILAN 138KV	0	0	0	9
	MOORE COUNTY INTERCHANGE E 230/115KV TRANSFORMER	0	0	1	0
	PRATT 115KV	0	0	0	9
	SNYDER 138/69/13.8KV TRANSFORMER	0	0	0	5
794630	GYPSUM - RUSSELL 69KV	0	0	0	5
	MEDICINE LODGE 115KV	0	0	0	9
	MILAN 138KV	0	0	0	9
	MOORE COUNTY INTERCHANGE E 230/115KV TRANSFORMER	0	0	1	0
	PRATT 115KV	0	0	0	9
	SNYDER 138/69/13.8KV TRANSFORMER	0	0	0	5
794643	GYPSUM - RUSSELL 69KV	0	0	0	5
	MEDICINE LODGE 115KV	0	0	0	9
	MILAN 138KV	0	0	0	9
	MOORE COUNTY INTERCHANGE E 230/115KV TRANSFORMER	0	0	1	0
	PRATT 115KV	0	0	0	9
	SNYDER 138/69/13.8KV TRANSFORMER	0	0	0	5

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

Customer Study Number
SPSM SPP-2004-179

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
SPSM	794579	OKGE	SPS	50	6/1/2005	6/1/2006	10/1/2005	10/1/2006	\$ -	\$ 959,343	\$ -	
SPSM	794633	OKGE	SPS	50	6/1/2005	6/1/2006	10/1/2005	10/1/2006	\$ -	\$ 959,343	\$ -	
SPSM	794644	OKGE	SPS	50	6/1/2005	6/1/2006	10/1/2005	10/1/2006	\$ -	\$ 959,343	\$ -	
										Total	\$ -	\$ -

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
794579	None					
				Total	\$ -	\$ -

794633	None					
				Total	\$ -	\$ -

794644	None					
				Total	\$ -	\$ -

Reservation 381171 Required for Curtailment (Other considered curtailments not feasible)		Curtailment Amount Required by Dates Needed			
Reservation	Overloaded Facility	10/1/2005 - 12/1/2005 (MW)	12/1/2005 - 4/1/2006 (MW)	4/1/2006 - 6/1/2006 (MW)	6/1/2006 - 10/1/2006 (MW)
794579	GYPSUM - RUSSELL 69KV	0	0	0	5
	MEDICINE LODGE 115KV	0	0	0	10
	MILAN 138KV	0	0	0	10
	PRATT 115KV	0	0	0	10
794633	GYPSUM - RUSSELL 69KV	0	0	0	5
	MEDICINE LODGE 115KV	0	0	0	10
	MILAN 138KV	0	0	0	10
	PRATT 115KV	0	0	0	10
794644	GYPSUM - RUSSELL 69KV	0	0	0	5
	MEDICINE LODGE 115KV	0	0	0	10
	MILAN 138KV	0	0	0	10
	PRATT 115KV	0	0	0	10

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

Customer **Study Number**
SPSM **SPP-2004-180**

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
SPSM	794580	CSWS	SPS	50	6/1/2005	6/1/2006	10/1/2005	10/1/2006	\$ -	\$ 959,343	\$ -	
SPSM	794634	CSWS	SPS	50	6/1/2005	6/1/2006	10/1/2005	10/1/2006	\$ -	\$ 959,343	\$ -	
SPSM	794645	CSWS	SPS	50	6/1/2005	6/1/2006	10/1/2005	10/1/2006	\$ -	\$ 959,343	\$ -	
										Total	\$ -	\$ -

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
794579	None					
				Total	\$ -	\$ -

794633	None					
				Total	\$ -	\$ -

794644	None					
				Total	\$ -	\$ -

Reservation 381171 Required for Curtailment (Other considered curtailments not feasible)		Curtailment Amount Required by Dates Needed			
Reservation	Overloaded Facility	10/1/2005 - 12/1/2005 (MW)	12/1/2005 - 4/1/2006 (MW)	4/1/2006 - 6/1/2006 (MW)	6/1/2006 - 10/1/2006 (MW)
794580	MEDICINE LODGE 115KV	0	0	0	9
	MILAN 138KV	0	0	0	9
	MILAN TAP 138KV	0	0	0	10
	PRATT 115KV	0	0	0	9
	SNYDER 138/69/13.8KV TRANSFORMER	0	0	0	4
794634	MEDICINE LODGE 115KV	0	0	0	9
	MILAN 138KV	0	0	0	9
	MILAN TAP 138KV	0	0	0	10
	PRATT 115KV	0	0	0	9
	SNYDER 138/69/13.8KV TRANSFORMER	0	0	0	4
794645	MEDICINE LODGE 115KV	0	0	0	9
	MILAN 138KV	0	0	0	9
	MILAN TAP 138KV	0	0	0	10
	PRATT 115KV	0	0	0	9
	SNYDER 138/69/13.8KV TRANSFORMER	0	0	0	4

*Reservation 381171 must be renewed in order to receive Curtailment Credit

Reservation 833018 Required for Curtailment*		Curtailment Amount Required by Dates Needed			
Reservation	Overloaded Facility	10/1/2005 - 12/1/2005 (MW)	12/1/2005 - 4/1/2006 (MW)	4/1/2006 - 6/1/2006 (MW)	6/1/2006 - 10/1/2006 (MW)
794580	BROKEN ARROW 101ST NORTH - ONETA 138KV	0	0	0	53
	EAST CENTRAL HENRYETTA - OKMULGEE 138KV	0	40	40	40
	EAST CENTRAL HENRYETTA - WELEETKA 138KV	0	40	40	40
794634	BROKEN ARROW 101ST NORTH - ONETA 138KV	0	0	0	53
	EAST CENTRAL HENRYETTA - OKMULGEE 138KV	0	40	40	40
	EAST CENTRAL HENRYETTA - WELEETKA 138KV	0	40	40	40
794645	BROKEN ARROW 101ST NORTH - ONETA 138KV	0	0	0	53
	EAST CENTRAL HENRYETTA - OKMULGEE 138KV	0	40	40	40
	EAST CENTRAL HENRYETTA - WELEETKA 138KV	0	40	40	40

*Reservation 833018 must be renewed in order to receive Curtailment Credit

Reservation 730036 Required for Curtailment*		Curtailment Amount Required by Dates Needed			
Reservation	Overloaded Facility	10/1/2005 - 12/1/2005 (MW)	12/1/2005 - 4/1/2006 (MW)	4/1/2006 - 6/1/2006 (MW)	6/1/2006 - 10/1/2006 (MW)
794580	BROKEN ARROW 101ST NORTH - ONETA 138KV	0	0	0	53
	EAST CENTRAL HENRYETTA - OKMULGEE 138KV	0	50	50	50
	EAST CENTRAL HENRYETTA - WELEETKA 138KV	0	50	50	50
794634	BROKEN ARROW 101ST NORTH - ONETA 138KV	0	0	0	53
	EAST CENTRAL HENRYETTA - OKMULGEE 138KV	0	50	50	50
	EAST CENTRAL HENRYETTA - WELEETKA 138KV	0	50	50	50
794645	BROKEN ARROW 101ST NORTH - ONETA 138KV	0	0	0	53
	EAST CENTRAL HENRYETTA - OKMULGEE 138KV	0	50	50	50
	EAST CENTRAL HENRYETTA - WELEETKA 138KV	0	50	50	50

*Reservation 730036 must be renewed in order to receive Curtailment Credit

*Curtailment of only Reservation 833018 or 730036 is required

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

Customer **Study Number**
SPSM **SPP-2004-182**

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
SPSM	794582	MPS	SPS	50	6/1/2005	6/1/2006	10/1/2005	10/1/2006	\$ -	\$ 959,343	\$ -	
SPSM	794636	MPS	SPS	50	6/1/2005	6/1/2006	10/1/2005	10/1/2006	\$ -	\$ 959,343	\$ -	
SPSM	794651	MPS	SPS	50	6/1/2005	6/1/2006	10/1/2005	10/1/2006	\$ -	\$ 959,343	\$ -	
										Total	\$ -	\$ -

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
794582	None					
				Total	\$ -	\$ -

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
794636	None					
				Total	\$ -	\$ -

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
794651	None					
				Total	\$ -	\$ -

Reservation 381171 Required for Curtailment (Other considered curtailments not feasible)		Curtailment Amount Required by Dates Needed			
Reservation	Overloaded Facility	10/1/2005 - 12/1/2005 (MW)	12/1/2005 - 4/1/2006 (MW)	4/1/2006 - 6/1/2006 (MW)	6/1/2006 - 10/1/2006 (MW)
794582	EXIDE JUNCTION - SUMMIT 115KV	0	0	0	8
	HAPPY INTERCHANGE - PALODU 115KV	0	0	0	0
	HOLCOMB - PLYMELL 115KV	0	0	0	2
	NORTH AMERICAN PHILIPS - NORTH AMERICAN PHILIPS JUNCTION (SOUTH) 115KV	8	8	0	6
	NORTH AMERICAN PHILIPS JUNCTION (SOUTH) - WEST MCPHERSON 115KV CKT 2	8	8	0	6
794636	EXIDE JUNCTION - SUMMIT 115KV	0	0	0	8
	HAPPY INTERCHANGE - PALODU 115KV	0	0	0	0
	HOLCOMB - PLYMELL 115KV	0	0	0	2
	NORTH AMERICAN PHILIPS - NORTH AMERICAN PHILIPS JUNCTION (SOUTH) 115KV	8	8	0	6
	NORTH AMERICAN PHILIPS JUNCTION (SOUTH) - WEST MCPHERSON 115KV CKT 2	8	8	0	6
794651	EXIDE JUNCTION - SUMMIT 115KV	0	0	0	8
	HAPPY INTERCHANGE - PALODU 115KV	0	0	0	0
	HOLCOMB - PLYMELL 115KV	0	0	0	2
	NORTH AMERICAN PHILIPS - NORTH AMERICAN PHILIPS JUNCTION (SOUTH) 115KV	8	8	0	6
	NORTH AMERICAN PHILIPS JUNCTION (SOUTH) - WEST MCPHERSON 115KV CKT 2	8	8	0	6

Customer **Study Number**
UCU **AG1-2005-067**

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
UCU	736985	MPS	MPS	105	6/1/2007	6/1/2008	4/1/2008	4/1/2009	\$ -	\$ -	\$ 1,877,520	
										Total	\$ 1,877,520	\$ 2,683,368

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
736985	MONROSE - SHARPER - STILWELL 161 kV	6/1/2007	6/1/2007	\$ 1,877,520	\$ 4,000,000	\$ 2,683,368
				Total	\$ 1,877,520	\$ 2,683,368

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

Reservation	Upgrade Name	COD	EOC
736985	ST JOE - WOODBINE 161KV CKT 1	6/1/2007	12/1/2005

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

Reservation	Upgrade Name	COD	EOC
736985	ANACONDA - FREEMAN 69KV CKT 1	6/1/2007	4/1/2008
	ANACONDA - HARRISONVILLE WEST 69KV CKT 1	6/1/2007	4/1/2008

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

Customer Study Number
UCU AG1-2005-068

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
UCU	736987	MPS	MPS	105	6/1/2009	6/1/2010			\$ -	\$ -	\$ 1,940,094	
Total											\$ 1,940,094	\$ 3,029,757

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
736987	BLUE SPRINGS EAST - DUNCAN ROAD 161KV CKT 1	6/1/2007	6/1/2007	\$ 62,534	\$ 1,605,500	\$ 235,072
	MONTRÖSE - SHARPER - STILWELL 161 kV	6/1/2007	6/1/2007	\$ 1,877,560	\$ 4,000,000	\$ 2,794,685
				Total	\$ 5,605,500	\$ 3,029,757

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

Reservation	Upgrade Name	COD	EOC
736987	ST JOE - WOODBINE 161KV CKT 1	6/1/2007	12/1/2005

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

Reservation	Upgrade Name	COD	EOC
736987	ANACONDA - FREEMAN 69KV CKT 1	6/1/2007	4/1/2008
	ANACONDA - HARRISONVILLE WEST 69KV CKT 1	6/1/2007	4/1/2008

Customer Study Number
UCU SPP-2004-193

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
UCU	807123	EES	MPS	75	6/1/2007	6/1/2008	10/1/2008	10/1/2009	\$ -	\$ 793,626	\$ 935,399	
UCU	807124	EES	MPS	75	6/1/2007	6/1/2008	10/1/2008	10/1/2009	\$ -	\$ 793,626	\$ 935,399	
UCU	807125	EES	MPS	75	6/1/2007	6/1/2008	10/1/2008	10/1/2009	\$ -	\$ 793,626	\$ 935,399	
UCU	807126	EES	MPS	75	6/1/2007	6/1/2008	10/1/2008	10/1/2009	\$ -	\$ 793,626	\$ 935,399	
Total											\$ 3,741,594	\$ 15,802,316

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
807123	BLUE SPRINGS EAST - DUNCAN ROAD 161KV CKT 1	6/1/2007	6/1/2007	\$ 261,119	\$ 1,605,500	\$ 984,259
	MONTRÖSE - SHARPER - STILWELL 161 kV	6/1/2007	6/1/2007	\$ 61,240	\$ 4,000,000	\$ 91,403
	RALPH GREEN 69KV	6/1/2007	6/1/2007	\$ 87,500	\$ 350,000	\$ 130,598
	WEST GARDNER (WGARD 11) 345/161/13.8KV TRANSFORMER CKT 11	6/1/2006	6/1/2007	\$ 525,540	\$ 3,000,000	\$ 2,744,319
				Total	\$ 935,399	\$ 3,950,579
807124	BLUE SPRINGS EAST - DUNCAN ROAD 161KV CKT 1	6/1/2007	6/1/2007	\$ 261,119	\$ 1,605,500	\$ 984,259
	MONTRÖSE - SHARPER - STILWELL 161 kV	6/1/2007	6/1/2007	\$ 61,240	\$ 4,000,000	\$ 91,403
	RALPH GREEN 69KV	6/1/2007	6/1/2007	\$ 87,500	\$ 350,000	\$ 130,598
	WEST GARDNER (WGARD 11) 345/161/13.8KV TRANSFORMER CKT 11	6/1/2006	6/1/2007	\$ 525,540	\$ 3,000,000	\$ 2,744,319
				Total	\$ 935,399	\$ 3,950,579
807125	BLUE SPRINGS EAST - DUNCAN ROAD 161KV CKT 1	6/1/2007	6/1/2007	\$ 261,119	\$ 1,605,500	\$ 984,259
	MONTRÖSE - SHARPER - STILWELL 161 kV	6/1/2007	6/1/2007	\$ 61,240	\$ 4,000,000	\$ 91,403
	RALPH GREEN 69KV	6/1/2007	6/1/2007	\$ 87,500	\$ 350,000	\$ 130,598
	WEST GARDNER (WGARD 11) 345/161/13.8KV TRANSFORMER CKT 11	6/1/2006	6/1/2007	\$ 525,540	\$ 3,000,000	\$ 2,744,319
				Total	\$ 935,399	\$ 3,950,579
807126	BLUE SPRINGS EAST - DUNCAN ROAD 161KV CKT 1	6/1/2007	6/1/2007	\$ 261,119	\$ 1,605,500	\$ 984,259
	MONTRÖSE - SHARPER - STILWELL 161 kV	6/1/2007	6/1/2007	\$ 61,240	\$ 4,000,000	\$ 91,403
	RALPH GREEN 69KV	6/1/2007	6/1/2007	\$ 87,500	\$ 350,000	\$ 130,598
	WEST GARDNER (WGARD 11) 345/161/13.8KV TRANSFORMER CKT 11	6/1/2006	6/1/2007	\$ 525,540	\$ 3,000,000	\$ 2,744,319
				Total	\$ 935,399	\$ 3,950,579

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

Reservation	Upgrade Name	COD	EOC
807123	ST JOE - WOODBINE 161KV CKT 1	6/1/2007	12/1/2005
807124	ST JOE - WOODBINE 161KV CKT 1	6/1/2007	12/1/2005
807125	ST JOE - WOODBINE 161KV CKT 1	6/1/2007	12/1/2005
807126	ST JOE - WOODBINE 161KV CKT 1	6/1/2007	12/1/2005

The following facilities limit the renewal of the point-to-point request.

Reservation	Upgrade Name	Earliest Date	Facilities Limit Service
807123	DANVILLE (APL) - MAGAZINE REC 161KV AEPW	6/1/2015	
	LACYGNE - PAOLA 345KV CKT 1	6/1/2015	
	GRANDVIEW TAP - RICHARDS-GEBAUER AIR FORCE BASE 69KV CKT 1	6/1/2010	
807124	DANVILLE (APL) - MAGAZINE REC 161KV AEPW	6/1/2015	
	LACYGNE - PAOLA 345KV CKT 1	6/1/2015	
	GRANDVIEW TAP - RICHARDS-GEBAUER AIR FORCE BASE 69KV CKT 1	6/1/2010	
807125	DANVILLE (APL) - MAGAZINE REC 161KV AEPW	6/1/2015	
	LACYGNE - PAOLA 345KV CKT 1	6/1/2015	
	GRANDVIEW TAP - RICHARDS-GEBAUER AIR FORCE BASE 69KV CKT 1	6/1/2010	
807126	DANVILLE (APL) - MAGAZINE REC 161KV AEPW	6/1/2015	
	LACYGNE - PAOLA 345KV CKT 1	6/1/2015	
	GRANDVIEW TAP - RICHARDS-GEBAUER AIR FORCE BASE 69KV CKT 1	6/1/2010	

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

Customer **Study Number**
WRGS **AG1-2005-028D**

Customer	Reservation	POR	POD	Requested Amount	Requested Start Date	Requested Stop Date	Deferred Start Date	Deferred Stop Date	Potential Base Plan Funding Allowable	Point-to-Point Base Rate	Allocated E & C Cost	Total Revenue Requirements
WRGS	886189	OKGE	WR	150	10/1/2005	10/1/2011	5/1/2010	5/1/2016	\$ 27,000,000	-	\$ 5,416,627	
Total											\$ 5,416,627	\$ 27,928,525

Reservation	Upgrade Name	COD	EOC	Allocated E & C Cost	Total E & C Cost	Total Revenue Requirements
886189	CLARKSVILLE - MUSKOGEE 345KV CKT 1 AEPW	6/1/2013	6/1/2013	\$ 512,480	\$ 4,000,000	\$ 1,174,124
	CLARKSVILLE - MUSKOGEE 345KV CKT 1 OKGE	6/1/2013	6/1/2013	\$ 122,355	\$ 955,000	\$ 290,933
	STRANGER - THORTON 115 KV CKT 1	6/1/2015	6/1/2015	\$ 415,052	\$ 2,200,000	\$ 853,473
	Wichita - Reno Co 345KV	10/1/2005	6/1/2010	\$ 4,366,740	\$ 42,000,000	\$ 25,609,995
Total				\$ 5,416,627	\$ 49,155,000	\$ 27,928,525

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

Reservation	Upgrade Name	COD	EOC
886189	TUCO INTERCHANGE 230KV	6/1/2007	6/1/2007

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

Owner	Upgrade	Solution	Minimum ATC per Upgrade (MW)	Season of Minimum Allocated ATC	Earliest Date Upgrade Required (COD)	Estimated Date of Upgrade Completion (EOC)	Estimated Engineering & Construction Cost
AECI	NIXA #1 - SPRINGFIELD 161KV CKT 1	Replace conductor with high ampacity 795 MCM ACSS conductor. No structure changes included.	6	15SP	06/01/15	06/01/15	\$ 106,600
AEPW	ALTUS LOOP	Convert OMPA 69 kV load to 138 kV and build 138 kV loop around city of Altus	154	06SP	06/01/06	06/01/08	\$ 8,000,000
AEPW	CLARKSVILLE - MUSKOGEE 345KV CKT 1 AEPW	Rebuild 2.54 miles with 2-795 ACSR & reset Clarksville CT, Replace Switches & Breakers @ Clarksville.	431	15SP	06/01/13	06/01/13	\$ 4,000,000
AEPW	CLINTON CITY - FOSS TAP 69KV CKT 1	Replace Clinton City Wavetrap	0	10SP	06/01/06	06/01/07	\$ 75,000
AEPW	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW	Reconductor 1.9 miles with ACCC. Replace wave trap jumpers at Riverside.	0	10SP	06/01/10	06/01/10	\$ 1,000,000
AEPW	HEDLEY 4 MVAR DVAR	Install a new 4 Mvar DVAR	0	15SP	06/01/10	06/01/10	\$ 1,000,000
AEPW	NORTHWEST HENDERSON - OAK HILL #1 138KV CKT 1	Replace wavetrap and reset CTs @ NW Henderson.	0	15SP	06/01/07	06/01/07	\$ 75,000
AEPW	ORU WEST TAP - RIVERSIDE STATION 138KV CKT 1	Replace wavetrap jumpers @ Riverside	0	15SP	06/01/10	06/01/10	\$ 10,000
AEPW	SHAMROCK 115KV	Install 9.6 MVAR capacitor bank	55	07SP	06/01/07	06/01/07	\$ 300,000
AEPW	SNYDER - ALTUS JCT 138KV	Build new Snyder (54098) to Altus Jct (54103) 138 kV line	132	06SP	06/01/06	06/01/08	\$ 15,000,000
AEPW	WEATHERFORD SOUTHEAST (WTH_SE) 138/69/13.8KV TRANSFORMER CKT 1	Install new 90 MVA Auto	27	06G	04/01/06	06/01/07	\$ 1,600,000
AEPW	WELSH REC - WILKES 138KV CKT 1	Replace line switches and switch 1L76 @ Wilkes	0	15SP	06/01/10	06/01/10	\$ 250,000
AEPW	WHITNEY 138/69/12.5KV TRANSFORMER	Move load from 69 kV to 138 kV	0	15SP	06/01/07	06/01/07	\$ 1,750,000
AEPW	ELK CITY (ELKCTY-4) 138/69/13.8KV TRANSFORMER CKT 1	Replace switches	26	10SP	06/01/10	06/01/10	\$ 85,000
EMDE	JAMESVILLE - SUB 415 - BLACKHAWK JCT. 69KV CKT 1	Construct new 161 kV line from Bolivar Burns #73 59464 to a new 161 kV bus at FairGrove #397 (FRG397 5 Bus #59596)	136	15SP	06/01/15	06/01/15	\$ 15,350,000
EMDE	ORONOGO NEW 161/12 KV 22.4 MVA TRANSFORMER	Install new 161/12 kV 22.4 transmer and take load off 69 kV system	134	15SP	06/01/15	06/01/15	\$ 2,000,000
EMDE	OZARKS (OZARK) 161/69/12.5KV TRANSFORMER CKT 1	Replace 75 MVA auto-xfmr at Ozark SE with 100 MVA auto-xfmr	0	15SP	06/01/10	06/01/10	\$ 1,000,000
EMDE	SUB 110 - ORONOGO JCT. - SUB 167 - RIVERTON 161KV CKT 1	Reconductor Oronogo 59467 to Riverton 59469 with Bundled 556 ACSR	134	15SP	06/01/15	06/01/15	\$ 5,400,000
EMDE	SUB 209 - HERMITAGE 69KV	Install 2 - stages 6 MVAR each for a total of 12 MVAR capacitor bank at Hermitage 59425	131	15SP	06/01/15	06/01/15	\$ 1,040,000
EMDE	SUB 330 - OZARK NORTHWEST - SUB 415 - BLACKHAWK JCT. 69KV CKT 1	Reconductor 69 kV portion of line from 59570 to 59604 with 336 ACSR	0	15SP	06/01/10	06/01/10	\$ 480,000
EMDE	SUB 389 - JOPLIN SOUTHWEST - SUB EXPLORER SPRING CITY TAP 69KV CKT 1	Reconductor 69 kV line from 59438 to 59592 with 556 ACSR Lindy at 59563 is dropped for contingency	0	15SP	06/01/15	06/01/15	\$ 400,000
EMDE	SUB 390 - PURDY SOUTH 69KV	Install 2 - stages 6 MVAR each for a total of 12 MVAR capacitor bank at Purdy #390 59404	119	15SP	06/01/10	06/01/10	\$ 1,040,000
GRRD	412SUB - KANSAS TAP 161KV CKT 1	Reconductor 9.7 miles with 1590MCM ACSR.	6	15SP	06/01/15	06/01/15	\$ 1,488,000
GRRD	412SUB - KERR 161KV CKT 1	Reconductor 12.5 miles with 1590MCM ACSR	0	15SP	06/01/15	06/01/15	\$ 1,918,000
KACP	WEST GARDNER (WGARD 11) 345/161/13.8KV TRANSFORMER CKT 11	Replace existing transformer with larger one	0	06SH	06/01/06	06/01/07	\$ 3,000,000
MIPU	BLUE SPRINGS EAST - DUNCAN ROAD 161KV CKT 1	Conductor	186	07SP	06/01/07	06/01/07	\$ 1,605,500
MIPU	EAST - WOODBINE 161KV CKT 1	Structure replacement - Higher line rating	912	15SP	06/01/10	06/01/10	\$ 150,000
MIPU	MONTROSE - SHARPER - STILLWELL 161 KV	Two new lines, S Harper - NewTap(Stillwell/Montose), S Harper-NewTap2(Stillwell/Archie)	259	07SP	06/01/07	06/01/07	\$ 4,000,000
MIPU	RALPH GREEN 69KV	12MVAR at Ralph Green	231	10SP	06/01/07	06/01/07	\$ 350,000
OKGE	BEELINE - EXPLORER GLENPOOL 138KV CKT 1	Reconductor .92miles of line with Drake ACCC/TW.	160	10SP	06/01/10	06/01/10	\$ 200,000
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	431	15SP	06/01/13	06/01/13	\$ 955,000
OKGE	CLASSEN - SW 5TAP 138KV CKT 1	Replace 800A trap at Classen	0	06SP	06/01/06	06/01/07	\$ 50,000
OKGE	EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE	Reconductor 1.82 miles	0	10SP	06/01/10	06/01/10	\$ 400,000
OKGE	KNOBHILL (KNOBHIL4) 138/69/13.2KV TRANSFORMER CKT 1	Replace bus tie with 100MVA transformer	17	15SP	06/01/10	06/01/10	\$ 1,500,000
SWPS	LEA COUNTY INTERCHANGE 230/115KV TRANSFORMER	Add 2nd 150 MVA transformer at Lea Co Intg.	109	10WP	12/01/10	12/01/10	\$ 3,000,010
SWPS	MUSTANG STATION 230/115KV TRANSFORMER CKT 1	Upgrade existing transformer 230/115 kv 252 MVA	233	15SP	12/01/10	12/01/10	\$ 2,500,000
SWPS	POTTER - ROOSEVELT 345KV	New 345 kV circuit & 345/230 kv 560 MVA transformer Add Potter - Roosevelt 2-795 ACSR	386	10WP	06/01/10	06/01/10	\$ 45,104,390
SWPS	SPS MUST RUN GENERATION	Relieved by Must Run Requirement of Cunningham #4 and Maddox #1 for the Tolk to Eddy 345 kV line outage	N/A	N/A			\$ -
WFEC	ANADARKO - CYRIL 69KV CKT 1	Reconductor 13 miles from 336 to 795 ACSR	0	10SP	06/01/06	06/01/07	\$ 3,250,000
WFEC	ANADARKO - GEORGIA 138KV CKT 1	Replace switches, CTS and Wavetraps at Anadarko Switch, rebuild Anadarko Switch to Georgia Street from 477 to 795 for 3 miles	22	15SP	06/01/10	06/01/10	\$ 100,000
WFEC	ANADARKO 138/69KV TRANSFORMER CKT 1	Install 2nd 112 MVA auto in parallel with existing Unit	0	10SP	06/01/06	06/01/07	\$ 2,000,000

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

Owner	Upgrade	Solution	Minimum ATC per Upgrade (MW)	Season of Minimum Allocated ATC	Earliest Date Upgrade Required (COD)	Estimated Date of Upgrade Completion (EOC)	Estimated Engineering & Construction Cost
WFEC	CYRIL - MEDICINE PARK JCT 69KV CKT 1	Reconductor 12.9 miles from 336 to 795 ACSR	0	15SP	06/01/06	06/01/07	\$ 3,300,000
WFEC	FLETCHER - MEDICINE PARK JCT 69KV CKT 1	Reconductor 4 miles from 336 to 795 ACSR	39	15SP	06/01/15	06/01/15	\$ 1,800,000
WFEC	FT SUPPLY 138/69KV TRANSFORMER CKT 1	Install 2nd 70 MVA auto at Ft Supply	63	06WP	06/01/06	06/01/07	\$ 1,500,000
WFEC	HAMON BUTLER - MOREWOOD 69KV CKT 1	Reconductor 1/0 to 336 ACSR - 15.0 miles	21	06SP	06/01/06	06/01/07	\$ 3,400,000
WFEC	RUSSELL SWITCH	Increase 12 to 18 MVARs at Russell Switch	79	15SP	06/01/06	10/01/06	\$ 75,000
WPEK	GREENSBURG - JUDSON LARGE 115KV CKT 1	Replace relaying	223	15SP	06/01/08	06/01/08	\$ 153,114
WPEK	PRATT CITY CAPACITOR	20MVAR at Pratt City 115kV	0	06FA	04/01/06	12/01/06	\$ 1,129,660
WR	BELL - PECK 69KV CKT 1	Rebuild 8.23 mile Bell-Peck 69 kV line.	165	10SP	06/01/08	06/01/08	\$ 2,000,000
WR	BELL - SUMNER COUNTY NO. 3 MILLER 69KV CKT 1	Rebuild 7.3 miles of line	165	15SP	06/01/15	06/01/15	\$ 2,000,000
WR	CRESWELL - OAK 69KV CKT 1	Rebuild substations.	157	15SP	06/01/11	06/01/11	\$ 143,000
WR	GILL ENERGY CENTER WEST - PECK 69KV	Rebuild 10.46 mile Gill-Peck line 138 kV line, but operated at 69 kV	141	10SP	06/01/08	06/01/08	\$ 3,000,000
WR	STRANGER - THORTON 115 KV CKT 1	Stranger - Thornton 115 kV 7.1 miles	801	15SP	06/01/15	06/01/15	\$ 2,200,000
WR	KELLY - KING HILL N.M. COOP 115KV CKT 1	Reconductor 9.61 mile line with 1192.5 kcmil ACSR.	0	06WP	10/01/05	06/01/08	\$ 2,400,000
WR	KELLY - SOUTH SENECA 115KV CKT 1	Rebuild 10.28 mile line with 1192.5 kcmil ACSR and replace CTs.	0	06SH	04/01/06	06/01/08	\$ 2,900,000
WR	MIDIAN (MIDIAN1X) 138/69/13.2KV TRANSFORMER CKT 1	Replace Midian 138-69 kV transformer.	0	10SP	06/01/06	06/01/07	\$ 1,500,000
WR	RICHLAND - ROSE HILL JUNCTION 69KV CKT 1	Rebuild 5.43 mile Rose Hill Junction-Richland as a 138 kV line but operate at 69 kV.	178	10SP	06/01/10	06/01/10	\$ 1,500,000
WR	ROSE HILL JUNCTION - WEAVER 69KV CKT 1	Rebuild 5.73 mile Weaver-Rose Hill Junction as a 138 kV line but operate at 69 kV.	166	07SP	06/01/07	06/01/07	\$ 1,600,000
WR	WICHITA - RENO CO 345KV	Build 345kV from Wichita to Reno Co	0	05FA	10/01/05	06/01/10	\$ 42,000,000

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

Owner	Upgrade	Solution	Minimum ATC per Upgrade (MW)	Season of Minimum Allocated ATC	Earliest Date Upgrade Required (COD)	Estimated Date of Upgrade Completion (EOC)	Estimated Engineering & Construction Cost
AECI	BROOKLINE - SPRINGFIELD 161KV CKT 1 AECI	Reconductor Planned	0	10SP	06/01/10	06/01/08	
AEPW	AEP TULSA PROJECT	AEP Tulsa Project	397	06SH	06/01/06	06/01/07	
AEPW	AEPW PLANNED UPGRADE FOR NW ARKANSAS	NW Project phase II scheduled to be in-service 06/2009	0	06SP	10/01/05	06/01/09	
AEPW	FLINT CREEK TO EAST CENTERTON 345 KV	Build 345 kV line from East Centerton to Flint Creek and install 345/161 kV auto at East Centerton.	0	10SP	06/01/10	06/01/11	
AEPW	KNOX LEE - OAK HILL #2 138KV	Replace relay, wave trap and switch at Knoxlee and switch at Oak Hill #2	0	06SP	06/01/06	06/01/07	
AEPW	RAYBURN PROJECT	Rayburn Project			06/01/15	06/01/15	
EMDE	JAMESVILLE (JAMESV1) 161/69/13.8KV TRANSFORMER CKT 1	The upgrade includes 8 miles of a new 161 kV line from AECI's Riverdale Sub (Bus # 96726) to a new EMDE substation location near Ozark (Bus #59621). The Ozark substation will include a 75 MVA 161/69 kV auto-xfmr. The 69 kV side (Bus #59442) of the Auto-	0	06SP	06/01/06	06/01/07	
MIPU	ST JOE - WOODBINE 161KV CKT 1	Structure replacement - Higher line rating	305	07SP	06/01/07	12/01/05	
MIPU	WARSAW INTERCONNECTION	New Warsaw interconnection with AECI	6	15SP	06/01/15	06/01/15	
SUNC	HOLCOMB - PLYMELL 115KV CKT 1	Reconductor	0	06SP	06/01/06	06/01/08	
SWPS	7RIVERS-PECOS-POTASH JUNCTION 230 KV	7Rivers-Pecos-Potash Junction 230 kV circuit. New 230 kV construction w/795ACSR	0	10WP	4/1/2008	4/1/2008	
SWPS	TUCO INTERCHANGE 230/115KV TRANSFORMER CKT 1	Upgrade TUCO Interchange 230/115 kV transformer for SPP-2004-006,007,008,009 WTMPA Services	0	15SP	06/01/08	06/01/08	
SWPS	TUCO INTERCHANGE 230KV	SPS Proposed Plan to Add +150/-50 SVC on 230 kV bus at TUCO, 2 50 MVAR Shunt Capacitors on 230 kV bus at TUCO, and 50 MVAR Shunt Capacitors on 230 kV bus at Swisher, 50 MVAR Shunt Capacitors on 230 kV bus at Lubbock South, and 50 MVAR Shunt Capacitors 230 kV bus at Carlisle	0	15SP	06/01/07	06/01/07	
SWPA	BROOKLINE - SPRINGFIELD 161KV CKT 1 SWPA	Tie Line, Upgrade the main and transfer buses and buswork within bay at Springfield to 1600 amps. Replace disconnect switches and breaker at Springfield.	0	10SP	06/01/10	06/01/08	
WPEK	PLAINVILLE CAPACITOR	40MVAR at Plainville 115kV	0	06SP	06/01/06	06/01/07	
WR	CRESWELL - PARIS 69KV CKT 1	Rebuild	117	06SH	06/01/06	06/01/07	

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

Owner	Upgrade	Solution	Minimum ATC per Upgrade (MW)	Season of Minimum Allocated ATC	Earliest Date Upgrade Required (COD)	Estimated Date of Upgrade Completion (EOC)
AEPW	ALUMAX TAP - BANN 138KV CKT 1	Replace six (6) 138 kV switches, five at Bann & one at Alumax Tap. Reconductor 0.67 miles of 1024 ACAR with 2156 ACSR. Replace wavetrap & jumpers @ Bann. Replace breaker 3300 @ Bann.	0	10SP	06/01/10	06/01/10
AEPW	ALUMAX TAP - NORTHWEST TEXARKANA 138KV CKT 1	Reconductor 1.68 miles of 1024 ACAR with 2156 ACSR, Replace wavetrap & jumpers with 2156 ACSR. Replace Switch 2285 @ Alumax Tap.	0	07SP	06/01/06	04/01/08
AEPW	BANN - NW TEXARKANA-BANN T 138KV CKT 1	Reset Relays	0	15SP	06/01/15	06/01/15
AEPW	BONANZA - BONANZA TAP 161KV CKT 1	Reconductor 0.06 miles of 397.5 ACSR with 795MCM ACSR. Reset relay @ Bonanza	0	15SP	06/01/15	06/01/15
AEPW	BONANZA - HACKETT AECC 161KV CKT 1	Reconductor 2.36 miles of 397.5 ACSR with 795 ACSR.	0	15SP	06/01/15	06/01/15
AEPW	BROKEN BOW - CRAIG JUNCTION 138KV CKT 1	Reconductor 7.66 miles of 3/0 CW CU with 795 ACSR, May have interim Switching Scheme	0	06FA	10/01/05	04/01/08
AEPW	CHAMBER SPRINGS - FARMINGTON AECC 161KV CKT 1	Reconductor 10.24 miles with 2156 ACSR, replace Chamber Springs wavetrap, & replace Farmington AECC bus.	0	15SP	06/01/15	06/01/15
AEPW	DIANA - PERDUE 138KV CKT 1	Replace Breakers 10080 & 9310 & five switches @ Perdue. Replace switch 12798 @ Diana	0	15SP	06/01/11	06/01/11
AEPW	EAST CENTRAL HENRYETTA - OKMULGEE 138KV CKT 1	Replace Okmulgee Wavetrap	0	05WP	12/01/05	11/01/07
AEPW	EAST CENTRAL HENRYETTA - WELEETKA 138KV CKT 1	Replace Weleetka Wavetrap	0	05WP	12/01/05	11/01/07
AEPW	EASTON REC - KNOX LEE 138KV CKT 1	Reset CT @ Knox Lee	0	15SP	06/01/15	06/01/15
AEPW	FIXICO TAP - MAUD 138KV AEPW	Reconductor 11.83 miles of 3/0 shielded Copperweld with 795 ACSR.	0	15SP	06/01/15	06/01/15
AEPW	FLOURNOY - OAK PAN-HARR REC 138KV CKT 1	Reconductor 10.42 miles 666 ACSR to 1272 ACSR.	0	15SP	06/01/15	06/01/15
AEPW	LONE STAR SOUTH - PITTSBURG 138KV CKT 1	Replace wavetraps at both ends. Reset CTs @ Lone Star South. Replace switches & reset relays @ Pittsburg	0	10SP	06/01/10	06/01/10
AEPW	LONGWOOD - OAK PAN-HARR REC 138KV CKT 1	Reconductor 1.8 miles of 666 ACSR with 1272 ACSR	0	10SP	06/01/10	06/01/10
AEPW	ROCK HILL - TATUM 138KV CKT 1	Replace Tatum switch 10655. Replace Rock Hill switches, breaker 11800, and jumpers.	0	15SP	06/01/15	06/01/15
EMDE	OZARKS - SUB 434 - OZARK SOUTHEAST 69KV CKT 1	Reconductor 69 kV line from 59609 to 59442 with 795 ACSR	0	07SP	06/01/07	06/01/09
EMDE	SUB 330 - OZARK NORTHWEST - SUB 434 - OZARK SOUTHEAST 69KV CKT 1	Reconductor 69 kV line from 59570 to 59609 with 556 ACSR	0	07SP	06/01/07	06/01/09
KACP	BUCYRUS - STILWELL 161KV CKT 1	Rebuild Bucyrus line terminal at Stilwell so transmission line rating can be increased to conductor limits. Replace Stilwell wavetrap	0	10SP	06/01/10	06/01/10
MIPU	ANACONDA - FREEMAN 69KV CKT 1	Conductor	50	07WP	06/01/07	04/01/08
MIPU	ANACONDA - HARRISONVILLE WEST 69KV CKT 1	Conductor	51	07WP	06/01/07	04/01/08
MIPU	ORRICK - RICHMOND 161KV CKT 1	Upgrade to 795 26/7 ACSR	0	10SP	06/01/15	06/01/15
MIPU	ORRICK - SIBLEY 161KV CKT 1	Upgrade to 795 26/7 ACSR	0	10SP	06/01/15	06/01/15
OKGE	FIXICO TAP - MAUD 138KV OKGE	Upgrade CT Ratio to 800A	0	15SP	06/01/15	06/01/15
SUNC	MINGO AND RHOADES DVAR	Install DVAR at Mingo and Rhoades	0	06SP	06/01/06	10/01/07
SWPS	CURRY COUNTY INTERCHANGE - ROOSEVELT COUNTY INTERCHANGE 115KV CKT 2	Upgrade Roosevelt to Curry 115 kV circuit w/795 ACSR	0	15SP	06/01/10	06/01/10
SWPS	DOSS3 115KV	Install 1 - 14.4 MVar capacitor bank on the 115 kV bus at Doss	0	10WP	12/01/10	12/01/10
SWPS	MOORE COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 1	Add 2nd 230 kV circuit and 2nd 230/115 kV transformer at Moore. 230 kV construction using 795 ACSR.	0	10SP	06/01/10	06/01/10
SWPS	ROOSEVELT COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 1	Add 2nd transformer 230/115 kV 252 MVA	0	15SP	06/01/10	06/01/10
SWPS	SNANDR3 115KV	Install 1 - 14.4 MVar capacitor bank on the 115 kV bus at San Address	0	10WP	12/01/10	12/01/10
WFEC	FLETCHER - MARLOW JCT 69KV CKT 1	Reconductor 7.2 miles from 336 to 795 ACSR	0	15SP	06/01/15	06/01/15
WPEK	HARPER CAPACITOR	20MVAR at Harper 138kV	0	07SP	06/01/06	11/01/06
WR	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	Add second Auburn 230-115 kV transformer.	0	15SP	06/01/11	06/01/11
WR	BUTLER 138/69KV TRANSFORMER CKT 1	Replace Butler transformer.	0	15SP	06/01/10	06/01/10
WR	CIRCLEVILLE - HOYT HTI SWITCHING JUNCTION 115KV CKT 1	Rebuild 15.50 mile Circleville-Hoyt HTI Junction 115 kV line.	0	05FA	10/01/05	06/01/08
WR	CIRCLEVILLE - KING HILL N.M. COOP 115KV CKT 1	Rebuild 15.15 mile line with 1192.5 kcmil ACSR.	0	06SH	10/01/05	06/01/08
WR	HEC-HEC GT-CIRCLE 115KV	Rebuild and convert HEC-HEC GT-Circle loop to 115 kV.	0	15SP	06/01/07	06/01/07
WR	JEC - SWISSVALE 345KV	Construct JEC-Swissvale 345 kV line.	0	15SP	06/01/11	06/01/11

Limits Rollover Rights of Point-to-Point Request

Owner	Overloaded Facility
AEPW	DANVILLE (APL) - MAGAZINE REC 161KV AEPW
KACP	LACYGNE - PAOLA 345KV CKT 1
MIPU	GRANDVIEW TAP - RICHARDS-GEBAUER AIR FORCE BASE 69KV CKT 1

Table 4 - Third Party Facility Constraints

Transmission Owner	Upgrade	Solution	Minimum ATC per Upgrade (MW)	Season of Minimum Allocated ATC	Estimated Engineering & Construction Cost	Earliest Date Upgrade Required (COD)	Estimated Date of Upgrade Completion (EOC)
AECI	NIXA #1 - SPRINGFIELD 161KV CKT 1	Replace conductor with high ampacity 795 MCM ACSS conductor. No structure changes included.	6	15SP	\$ 106,600	06/01/15	06/01/15
ENTR	4RINGLD 138 - CARROLL 138KV CKT 1	Indeterminate	0	05WP	Indeterminate	10/01/05	Indeterminate
ENTR	3JNSBRO 115 - DANVILLE 115 (LPL) 115KV CKT 1	Indeterminate	0	10SP	Indeterminate	06/01/07	Indeterminate
ENTR	8WELLS 500 - WEBRE 500KV CKT 1	Indeterminate	0	06SP	Indeterminate	06/01/06	Indeterminate
ENTR	ARKANSAS NUCLEAR ONE 161 - RUSSELLVILLE NORTH 161KV CKT 1	Indeterminate	0	15SP	Indeterminate	06/01/15	Indeterminate
ENTR	GRIMES - MT. ZION 138KV CKT 1	Indeterminate	0	06SP	Indeterminate	06/01/06	Indeterminate