



*Aggregate Facility Study  
SPP-2005-AG2-AFS-1  
For Transmission Service  
Requested by  
Aggregate Transmission Customers*

*SPP Engineering, SPP Tariff Studies*

SPP AGGREGATE FACILITY STUDY (SPP-2005-AG2-AFS-1)

January 11, 2006 (Revision January 13, 2006)

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## **1. Executive Summary**

Pursuant to Attachment Z of the Southwest Power Pool Open Access Transmission Tariff (OATT), 2312 MW of long-term transmission service requests have been restudied in this Aggregate Facility Study (AFS). The first phase of the AFS consisted of a revision of the impact study to reflect the withdrawal of requests for which an Aggregate Facility Study Agreement was not executed. The principal objective of the AFS is to identify system problems and potential modifications necessary to facilitate these transfers while maintaining or improving system reliability as well as summarizing the operating limits and determination of the financial characteristics associated with facility upgrades. Facility upgrade costs are allocated on a prorated basis to all requests positively impacting any individual overloaded facility. Further, Attachment Z provides for facility upgrade cost recovery by stating that “[a]ny charges paid by a customer in excess of the transmission access charges in compensation for the revenue requirements for allocated facility upgrade(s) shall be recovered by such customer from future transmission service revenues until the customer has been fully compensated.”

The total assigned facility upgrade Engineering and Construction (E &C) cost determined by the AFS is \$212,763,698. Additionally \$49,000,000 of assigned E & C cost for 3<sup>rd</sup> party facility upgrades are assignable to the customer. The total upgrade levelized revenue requirement for all transmission requests is \$826,089,478. 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 based on either the requested reservation period or the deferred reservation period if applicable. Total upgrade levelized revenue requirements for all transmission requests

for all transmission requests after consideration of potential base plan funding is \$235,913,108.

Third-party facilities must be upgraded when it is determined they are constrained in order to accommodate the requested Transmission Service. These include both first-tier neighboring facilities outside SPP and Transmission Owner facilities within SPP that are not under the SPP OATT. In this AFS, two third-party facilities were identified. Total engineering and construction cost estimates for required third-party facility upgrades are \$49,000,000.

The Transmission Provider will tender Letter Agreements and accept OASIS reservations on Wednesday, January 11, 2006. 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 January 26<sup>th</sup>, 2006, 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 link can be used to access the SPP Regulatory/FERC webpage:

([http://www.spp.org/Objects/FERC\\_filings.cfm](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 second open season commenced on June 1, 2005. All requests for long-term transmission service received prior to October 1, 2005 with a signed study agreement were then included in the second Aggregate Transmission Service Study (ATSS).

Approximately 2312MW of long-term transmission service has been restudied in this Aggregate Facility Study (AFS) with over \$212 Million in transmission upgrades being proposed. The results of the AFS are detailed in Tables 1 through 6. 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 link can be used to access the SPP OATT:

OATT: ([http://www.spp.org/Publications/SPP\\_Tariff.pdf](http://www.spp.org/Publications/SPP_Tariff.pdf)). In order to understand the extent to which base plan upgrades may be applied to both point-to-point and network transmission services, it is necessary to highlight the definition of Designated Resource. Per Section 1.9a of the SPP OATT, a Designated Resource is “[a]ny designated generation resource owned, purchased or leased by a Transmission Customer to serve load in the SPP Region. Designated Resources do not include any resource, or any portion thereof, that is committed for sale to third parties or otherwise cannot be called upon to meet the Transmission Customer's load on a non-interruptible basis.” Therefore, not only network service, but also point-to-point service has potential for base plan funding if the conditions for classifying upgrades associated with designated resources as base plan upgrades as defined in Section III.B of Attachment J are met.

Pursuant to Attachment J, Section III B of the SPP OATT, the Transmission Customer must provide SPP information necessary to verify that the new or changed Designated Resource meets the following conditions:

1. Transmission Customer’s commitment to the requested new or changed Designated Resource must have a duration of at least five years.
2. During the first year the Designated Resource is planned to be used by the Transmission Customer, the accredited capacity of the Transmission Customer’s existing Designated Resources plus the lesser of (a) the planned maximum net dependable capacity applicable to the Transmission Customer or (b) the requested capacity; shall not exceed 125% of the Transmission Customer’s projected system peak responsibility determined pursuant to SPP Criteria 2.

According to Attachment Z Section VI.A, Point-to-Point customers pay the higher of the monthly transmission access charge (base rate) or the monthly revenue requirement associated with the assigned facility upgrades including any prepayments for redispatch required during construction.

Network Integration Service customers pay the total monthly transmission access charges and the monthly revenue requirement associated with the facility upgrades including any prepayments for redispach during construction.

Transmission Customers paying for a directly assigned network upgrade shall receive credits for new transmission service using the facility as specified in Attachment Z Section VII. None were identified in this 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 3. This table also includes constrained facilities in the current planning horizon that limit the rollover rights of the Transmission Customer. Table 6 lists possible redispatch pairs that may allow start of service prior to completion of assigned network upgrades.

#### **A. Financial Analysis**

The AFS utilizes the allocated customer E & C cost in a present worth analysis to determine the monthly levelized revenue requirement of each facility upgrade over the term of the reservation. In some cases, network upgrades cannot be completed within the requested reservation period, thus deferred reservation periods will be utilized in the present worth analysis. If the Customer chooses Option 3, Redispatch, in the Letter Agreement sent coincident with this AFS, the present worth analysis will be re-performed with the original reservation period in the final AFS. The upgrade levelized revenue requirement includes interest, depreciation, and carrying costs.

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



## **B. Third-Party Facilities**

For third-party facilities listed in Table 5 and Table 3, the Transmission Customer is responsible for funding the necessary upgrades of these facilities per Section 21.1 of the Transmission Provider's OATT. In this AFS, two third-party facilities were identified. Total engineering and construction cost estimates for required third-party facility upgrades are \$49,000,000. The Transmission Provider will undertake reasonable efforts to assist the Transmission Customer in making arrangements for necessary engineering, permitting, and construction of the third-party facilities. Third-party facility upgrade engineering and construction cost estimates are not utilized to determine the present worth value of levelized revenue requirements for SPP system network upgrades.

All modeled facilities within the Transmission Provider system were monitored during the development of this Study as well as certain facilities in first-tier neighboring systems. Third-party facilities must be upgraded when it is determined that they are overloaded while accommodating the requested Transmission Service. 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 twelve seasonal models to study the aggregate transfers of 2312 MW over a variety of requested service periods. The SPP MDWG 2005 Series Cases Update 4 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 2312 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 1<sup>st</sup>-Tier) and voltage threshold (0.02 change below 0.90 pu) were applied to determine the impacted

determine the impacted facilities. The PSS/E options chosen to conduct the analysis can be found in Appendix A.

#### **D. Curtailment and Redispatch Evaluation**

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

SPP determined potential relief pairs to relieve the incremental MW impact on limiting facilities as identified in Table 6. Using the selected cases where the limiting facilities were identified, potential incremental and decremental units were identified by determining the generation amount available for increasing and decreasing from the units generation amount, maximum generation amount, and minimum generation amount. If the incremental or decremental amount was greater than 10 MW, the unit was considered as a potential incremental or decremental unit. Generation shift factors were calculated for the potential incremental and decremental units using Managing and Utilizing System

Transmission (MUST). From the generation shift factors for the incremental and decremental units, top 100 relief pairs with a greater than 3% TDF were determined from the incremental units with the lowest generation shift factors and decremental units with highest generation shift factors. The potential relief pairs were not evaluated to determine impacts on limiting facilities in the SPP and 1st-Tier systems.

## **4. Study Results**

### **A. Study Analysis Results**

Tables 1 through 6 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 and the minimum annual allocated ATC without upgrades and season of first impact. The deferred dates of the reservation are given both with and without redispatch that may be available for limitations that are deferring the start of service. Table 2 identifies total E & C cost allocated to each Transmission Customer, third party E & C cost assignments, potential base plan E & C funding (lower of allocated E & C or Attachment J Section III B criteria), total revenue requirements for assigned upgrades 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 Transmission Customer. Table 3 provides additional details for each request including all assigned facility upgrades required, allocated E & C costs, allocated revenue requirements for upgrades, upgrades not assigned to customer but required for service to be confirmed, facilities limiting rollover rights, credits to be paid for previously assigned AFS facility upgrades, and any third party upgrades required. Table 4 lists all upgrade requirements with associated solutions needed to provide transmission service for the AFS, Earliest Date Upgrade is required (COD), Estimated Date of Upgrade Completion (EOC), and Estimated E & C cost. Table 5 lists identified Third-Party constrained facilities. Table 6 identifies potential redispatch pairs available to

potential redispatch pairs available to relieve the aggregate impacts on identified constraints to prevent deferral of start of service.

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. The lesser of the planned maximum net dependable capacity or the requested capacity is multiplied by \$180,000 to determine potential base plan funding allowable. If this additional capacity exceeds the 125% resource to load criteria for a given year, the value of capacity not exceeding 125% of load will set the determinant for base plan funding consideration. For example, a customer submits a request to add a new resource of 50MW in 2010 that meets all other conditions for base plan funding. The Customer's load forecast for 2010 is 500MW with forecasted firm resources of 600MW. The additional 50MW of resources increases the resource to load ratio from 120% to 130%. Therefore the portion of the 50MW request not exceeding 125% resource to load, or 25MW, would be multiplied by \$180,000/MW resulting in \$4,500,000 of potential base plan funding allowable. Any allocated customer costs in excess of base plan funding will be assigned to the customer.

The 125% resource to load determination is performed on a per request basis and is not based on a total of designated resource requests per Customer. A footnote will provide the maximum resource designation allowable for base plan funding consideration per Customer basis per year.

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

## **B. Study Definitions**

The Commercial Operation Date (COD) is the earliest date the upgrade is required to alleviate a constraint considering all requests. End of Construction (EOC) is the estimated date the upgrade will be completed and in service. The Total Engineering and Construction Cost (E & C) is the upgrade solution cost as determined by the transmission owner. The Transmission Customer Allocation Cost is the estimated engineering and construction cost based upon the allocation of costs to all Transmission Customers in the AFS who positively impact facilities by at least 3% subsequently overloaded by the AFS. Minimum ATC is the portion of the requested capacity that can be accommodated with out upgrading facilities. Annual ATC allocated to the Transmission Customer is determined by the least amount of allocated seasonal ATC within each year of a reservation period.

## **5. Conclusion**

The results of the AFS show that limiting constraints exist in many areas of the regional transmission system. Due to these constraints, transmission service cannot be granted unless noted in Table 3.

The Transmission Provider will tender Letter Agreements and accept OASIS reservations on Wednesday, January 11, 2006. 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 January 26th, 2006, 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

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 Transmission 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.



## Appendix A

### 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 Aggregate Facility Study

| Customer | Study Number  | Reservation | POR  | POD    | Requested Amount | Requested Start Date | Requested Stop Date | Deferred Start Date | Deferred Stop Date | Start Date with Redispatch | Stop Date with Redispatch | Mimimum Allocated ATC (MW) within reservation period | Season of Minimum Allocated ATC within reservation period |
|----------|---------------|-------------|------|--------|------------------|----------------------|---------------------|---------------------|--------------------|----------------------------|---------------------------|--|---|
| CALP     | SPP-2005-005D | 826675      | NPPD | ERCOTE | 50               | 1/1/2006             | 1/1/2008            | 6/1/2008            | 6/1/2010           | N/A                        | N/A                       | 0  | 06SP  |
| EDE      | AG2-2005-021  | 973373      | EES  | EDE    | 50               | 1/1/2010             | 1/1/2030            |                     |                    | N/A                        | N/A                       | 0  | 10SP  |
| EDE      | AG2-2005-064  | 973355      | KCPL | EDE    | 100              | 1/1/2010             | 1/1/2030            |                     |                    | N/A                        | N/A                       | 0  | 10SP  |
| GSEC     | AG2-2005-046  | 974618      | SECI | SPS    | 300              | 5/1/2010             | 5/1/2040            |                     |                    | N/A                        | N/A                       | 0  | 10SP  |
| GSEC     | AG2-2005-046  | 987146      | SECI | SPS    | 100              | 5/1/2010             | 5/1/2040            |                     |                    | N/A                        | N/A                       | 0  | 10SP  |
| KMEA     | AG2-2005-034  | 974592      | GRDA | KCPL   | 9                | 5/1/2006             | 5/1/2026            | 10/1/2006           | 5/1/2026           | N/A                        | N/A                       | 0  | 06SP  |
| KMEA     | AG2-2005-035  | 974596      | GRDA | KCPL   | 6                | 5/1/2006             | 5/1/2026            | 10/1/2006           | 5/1/2026           | N/A                        | N/A                       | 0  | 06SP  |
| KMEA     | SPP-2003-275  | 610383      | GRDA | WR     | 5                | 5/1/2009             | 5/1/2010            | 10/1/2010           | 10/1/2011          | 5/1/2009                   | 5/1/2010                  | 0  | 10WP  |
| KMEA     | AG2-2005-039  | 974637      | GRDA | WR     | 1                | 5/1/2009             | 5/1/2026            |                     |                    | N/A                        | N/A                       | 0  | 15SP  |
| KMEA     | AG2-2005-040  | 974645      | GRDA | WR     | 2                | 5/1/2009             | 5/1/2026            |                     |                    | N/A                        | N/A                       | 2  | N/A   |
| KMEA     | AG2-2005-041  | 974650      | GRDA | WR     | 3                | 5/1/2009             | 5/1/2026            |                     |                    | N/A                        | N/A                       | 0  | 15SP  |
| KMEA     | AG2-2005-042  | 974656      | GRDA | WR     | 3                | 5/1/2009             | 5/1/2026            |                     |                    | N/A                        | N/A                       | 0  | 10SP  |
| KMEA     | AG2-2005-043  | 974658      | GRDA | WR     | 3                | 5/1/2006             | 5/1/2026            | 10/1/2006           | 5/1/2026           | N/A                        | N/A                       | 0  | 06SP  |
| KMEA     | AG2-2005-044  | 974660      | GRDA | WR     | 3                | 5/1/2006             | 5/1/2026            | 12/1/2006           | 5/1/2026           | 10/1/2006                  | 5/1/2026                  | 0  | 06SP  |
| KMEA     | AG2-2005-045  | 974662      | GRDA | WPEK   | 2                | 5/1/2006             | 5/1/2026            | 10/1/2010           | 5/1/2026           | 12/1/2006                  | 5/1/2026                  | 0  | 06SP  |
| KMEA     | AG2-2005-058  | 974976      | GRDA | WPEK   | 3                | 5/1/2006             | 5/1/2026            | 12/1/2006           | 5/1/2026           | N/A                        | N/A                       | 0  | 10SP  |
| KMEA     | AG2-2005-059  | 974977      | GRDA | WPEK   | 2                | 5/1/2010             | 5/1/2026            |                     |                    | N/A                        | N/A                       | 0  | 06SP  |
| KMEA     | AG2-2005-060  | 974987      | GRDA | WR     | 2                | 5/1/2010             | 5/1/2026            | 10/1/2010           | 5/1/2026           | N/A                        | N/A                       | 0  | 10WP  |
| KMEA     | AG2-2005-061  | 974988      | GRDA | WR     | 2                | 5/1/2006             | 5/1/2026            | 10/1/2010           | 5/1/2026           | 12/1/2006                  | 5/1/2026                  | 0  | 10WP  |
| KMEA     | AG2-2005-063  | 974926      | GRDA | WPEK   | 1                | 5/1/2010             | 5/1/2026            |                     |                    | N/A                        | N/A                       | 0  | 06SP  |
| OMPA     | AG2-2005-067  | 974873      | OKGE | CSWS   | 25               | 2/1/2006             | 2/1/2015            | 10/1/2006           | 10/1/2015          | N/A                        | N/A                       | 0  | 10SP  |
| SHDY     | AG2-2005-056  | 974688      | OKGE | EES    | 320              | 1/8/2008             | 1/8/2009            |                     |                    | N/A                        | N/A                       | 320  | N/A   |
| SHDY     | AG2-2005-057  | 974689      | OKGE | CSWS   | 320              | 1/8/2008             | 1/8/2009            |                     |                    | N/A                        | N/A                       | 54   | 10SP  |
| SPSM     | AG2-2005-053  | 974790      | CSWS | SPS    | 50               | 1/1/2007             | 1/1/2012            |                     |                    | N/A                        | N/A                       | 0  | 07SP  |
| SPSM     | AG2-2005-053  | 974791      | CSWS | SPS    | 50               | 1/1/2007             | 1/1/2012            |                     |                    | N/A                        | N/A                       | 0  | 07SP  |
| SPSM     | AG2-2005-053  | 974793      | CSWS | SPS    | 50               | 1/1/2007             | 1/1/2012            |                     |                    | N/A                        | N/A                       | 0  | 07SP  |
| SPSM     | AG2-2005-053  | 974797      | CSWS | SPS    | 50               | 1/1/2007             | 1/1/2012            |                     |                    | N/A                        | N/A                       | 0  | 07SP  |
| UCU      | AG2-2005-004D | 897453      | CSWS | MPS    | 130              | 6/1/2007             | 6/1/2011            | 10/1/2007           | 10/1/2011          | 6/1/2007                   | 6/1/2011                  | 0  | 10SP  |
| UCU      | AG2-2005-078D | 977013      | WPEK | MPS    | 20               | 7/1/2006             | 7/1/2012            | 10/1/2006           | 10/1/2012          | 7/1/2006                   | 7/1/2012                  | 0  | 10SP  |
| UCU      | AG2-2005-078D | 977014      | WPEK | MPS    | 20               | 7/1/2006             | 7/1/2017            | 10/1/2006           | 10/1/2017          | 7/1/2006                   | 7/1/2017                  | 0  | 10SP  |
| UCU      | AG2-2005-079D | 977015      | WPEK | MPS    | 40               | 7/1/2006             | 7/1/2012            | 10/1/2007           | 10/1/2013          | 10/1/2006                  | 10/1/2012                 | 0  | 10SP  |
| UCU      | AG2-2005-079D | 977018      | WPEK | MPS    | 40               | 7/1/2006             | 7/1/2017            | 10/1/2007           | 10/1/2018          | 10/1/2006                  | 10/1/2017                 | 0  | 10SP  |
| WFEC     | AG2-2005-062  | 971951      | WFEC | WFEC   | 250              | 5/1/2010             | 5/1/2035            |                     |                    | N/A                        | N/A                       | 0  | 10SP  |
| WRGS     | AG2-2005-032D | 974561      | OKGE | WR     | 300              | 1/1/2006             | 1/1/2021            | 10/1/2010           | 10/1/2025          | 1/1/2006                   | 1/1/2021                  | 0  | 06SH  |

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

| Customer | Study Number  | Reservation | Engineering and Construction Cost of Upgrades Allocated to Customer for Revenue Requirements | <sup>2</sup> Additional Engineering and Construction Cost of Upgrades Assigned to Customer (3rd party) | <sup>3</sup> Potential Base Plan Engineering and Construction Funding Allowable | Total Revenue Requirements for Assigned Upgrades over term of reservation with potential base plan funding allocation | Total Revenue Requirements for Assigned Upgrades over Term of Reservation without Potential Base Plan Funding | Point-to-Point Base Rate over reservation period | <sup>6</sup> Total Cost of Reservation Assignable to Customer |
|----------|---------------|-------------|--|--|---|---|---|--|---|
| CALP     | SPP-2005-005D | 826675      | \$ -   | \$ 18,000,000  | \$ -  | \$ -  | \$ -  | \$ 1,260,000                                     | \$ 19,260,000   |
| EDE      | AG2-2005-021  | 973373      | \$ 2,740,134   | \$ -   | \$ - <sup>1</sup>   | \$ 6,917,321  | \$ 6,917,321  | \$ -   | \$ 6,917,321  |
| EDE      | AG2-2005-064  | 973355      | \$ 6,440,488   | \$ 699,515   | \$ 6,440,488 <sup>1</sup>   | \$ -  | \$ 16,935,105   | \$ -   | \$ 17,634,620   |
| GSEC     | AG2-2005-046  | 974618      | \$ 83,642,684  | \$ 17,813,055  | \$ 54,000,000   | \$ 138,330,373  | \$ 390,326,451  | \$ -   | \$ 408,139,506  |
| GSEC     | AG2-2005-046  | 987146      | \$ 24,294,292  | \$ 5,730,257   | \$ 18,000,000   | \$ 29,165,167   | \$ 112,569,782  | \$ -   | \$ 118,300,039  |
| KMEA     | AG2-2005-034  | 974592      | \$ 2,186,087   | \$ -   | \$ 1,620,000  | \$ 2,124,679  | \$ 8,204,980  | \$ -   | \$ 8,204,980  |
| KMEA     | AG2-2005-035  | 974596      | \$ 612,808   | \$ -   | \$ 612,808  | \$ -  | \$ 2,291,398  | \$ -   | \$ 2,291,398  |
| KMEA     | SPP-2003-275  | 610383      | \$ 3,436,660   | \$ -   | \$ -  | \$ 8,325,064  | \$ 8,325,064  | \$ 78,000  | \$ 8,325,064  |
| KMEA     | AG2-2005-039  | 974637      | \$ 27,685  | \$ -   | \$ -  | \$ 56,605   | \$ 56,605   | \$ -   | \$ 56,605   |
| KMEA     | AG2-2005-040  | 974645      | \$ -   | \$ -   | \$ -  | \$ -  | \$ -  | \$ -   | No upgrade assignments  |
| KMEA     | AG2-2005-041  | 974650      | \$ 8,104   | \$ -   | \$ -  | \$ 24,066   | \$ 24,066   | \$ 795,600                                       | \$ 795,600  |
| KMEA     | AG2-2005-042  | 974656      | \$ 8,062   | \$ -   | \$ -  | \$ 23,941   | \$ 23,941   | \$ 795,600                                       | \$ 795,600  |
| KMEA     | AG2-2005-043  | 974658      | \$ 1,147,967   | \$ -   | \$ 540,000  | \$ 1,330,444  | \$ 2,512,153  | \$ 936,000                                       | \$ 2,512,153  |
| KMEA     | AG2-2005-044  | 974660      | \$ 8,411   | \$ -   | \$ 8,411  | \$ -  | \$ 22,647   | \$ 936,000                                       | \$ 936,000  |
| KMEA     | AG2-2005-045  | 974662      | \$ 882,618   | \$ -   | \$ 360,000  | \$ 2,227,696  | \$ 3,762,221  | \$ 469,440                                       | \$ 3,762,221  |
| KMEA     | AG2-2005-058  | 974976      | \$ 10,438  | \$ -   | \$ 10,438   | \$ -  | \$ 28,807   | \$ 704,160                                       | \$ 704,160  |
| KMEA     | AG2-2005-059  | 974977      | \$ 5,994   | \$ -   | \$ 5,994  | \$ -  | \$ 18,804   | \$ 375,552                                       | \$ 375,552  |
| KMEA     | AG2-2005-060  | 974987      | \$ 997,299   | \$ -   | \$ -  | \$ 4,252,049  | \$ 4,252,049  | \$ 499,200                                       | \$ 4,252,049  |
| KMEA     | AG2-2005-061  | 974988      | \$ 997,299   | \$ -   | \$ 360,000  | \$ 2,717,166  | \$ 4,252,049  | \$ 624,000                                       | \$ 4,252,049  |
| KMEA     | AG2-2005-063  | 974926      | \$ 2,786   | \$ -   | \$ 2,786  | \$ -  | \$ 8,741  | \$ 187,776                                       | \$ 187,776  |
| OMPA     | AG2-2005-067  | 974873      | \$ 5,135,896   | \$ 71,146  | \$ 4,500,000  | \$ 945,405  | \$ 7,635,683  | \$ -   | \$ 7,706,829  |
| SHDY     | AG2-2005-056  | 974688      | \$ -   | \$ -   | \$ -  | \$ -  | \$ -  | \$ 3,264,000                                     | \$ 3,264,000  |
| SHDY     | AG2-2005-057  | 974689      | \$ 153,693   | \$ -   | \$ -  | \$ 212,001  | \$ 212,001  | \$ 4,032,000                                     | \$ 4,032,000  |
| SPSM     | AG2-2005-053  | 974790      | \$ 2,014,646   | \$ -   | \$ 2,014,646  | \$ -  | \$ 3,135,571  | \$ 4,800,000                                     | \$ 4,800,000  |
| SPSM     | AG2-2005-053  | 974791      | \$ 2,014,646   | \$ -   | \$ 2,014,646  | \$ -  | \$ 3,135,571  | \$ 4,800,000                                     | \$ 4,800,000  |
| SPSM     | AG2-2005-053  | 974793      | \$ 2,014,646   | \$ -   | \$ 2,014,646  | \$ -  | \$ 3,135,571  | \$ 4,800,000                                     | \$ 4,800,000  |
| SPSM     | AG2-2005-053  | 974797      | \$ 2,014,646   | \$ -   | \$ 2,014,646  | \$ -  | \$ 3,135,571  | \$ 4,800,000                                     | \$ 4,800,000  |
| UCU      | AG2-2005-004D | 897453      | \$ 4,250,729   | \$ -   | \$ -  | \$ 7,069,241  | \$ 7,069,241  | \$ 10,052,640                                    | \$ 10,052,640   |
| UCU      | AG2-2005-078D | 977013      | \$ 1,539,941   | \$ 927,981   | \$ 360,000 <sup>3</sup>   | \$ 2,020,491  | \$ 2,636,943  | \$ 2,319,840                                     | \$ 3,564,924  |
| UCU      | AG2-2005-078D | 977014      | \$ 1,539,941   | \$ 927,981   | \$ - <sup>3</sup>   | \$ 3,082,107  | \$ 3,082,107  | \$ 4,253,040                                     | \$ 5,181,021  |
| UCU      | AG2-2005-079D | 977015      | \$ 3,794,334   | \$ 1,919,866   | \$ 720,000 <sup>3</sup>   | \$ 5,568,289  | \$ 6,872,344  | \$ 4,639,680                                     | \$ 8,792,210  |
| UCU      | AG2-2005-079D | 977018      | \$ 3,794,334   | \$ 1,919,866   | \$ - <sup>3</sup>   | \$ 8,091,202  | \$ 8,091,202  | \$ 8,506,080                                     | \$ 10,425,946   |
| WFEC     | AG2-2005-062  | 971951      | \$ 21,320,056  | \$ 990,333   | \$ 17,100,000 <sup>4</sup>  | \$ 13,429,802   | \$ 67,848,422   | \$ -   | \$ 68,838,755   |
| WRGS     | AG2-2005-032D | 974561      | \$ 35,726,374  | \$ -   | \$ 35,726,374   | \$ -  | \$ 149,567,067  | \$ -   | \$ 149,567,067  |
|          |               |             | <b>\$ 212,763,698</b>  | <b>\$ 49,000,000</b>   | <b>\$ 148,425,883</b>   | <b>\$ 235,913,108</b>   | <b>\$ 826,089,478</b>   |  |   |

**Note 1.** 2010 EMDE capacity is based on JEC renewed as a resource. Therefore, a maximum of 74MW of the 150MW of capacity requested can be considered for potential base plan funding.

**Note 2.** Additional Engineering and Construction costs assignable to customer based on 3rd party upgrades. These include 1st tier facilities outside SPP and Transmission Owner facilities within SPP that are not under the SPP OATT. (For example Sunflower Electric Cooperative)

**Note 3.** For UCU 20MW and 40MW requests, base plan funding is mutually exclusive to one or other of each request.

**Note 4.** For WFEC 250MW request, 95MW of requested capacity can be considered for base plan funding prior to meeting 125% cap of resource to load under SPP NITS.

**Note 5.** If potential base plan funding is applicable, this value is the lesser of the Engineering and Construction costs of assignable upgrades or the value of base plan funding calculated pursuant to Attachment J, Section III B criteria. Final approval of base plan funding is contingent upon verification of customer agreements for a 5 year or more commitment of the designated resource.

**Note 6.** For PTP requests, total cost is based on the higher of the base rate or assigned upgrade revenue requirements. For Network requests, the total cost is based on the assigned upgrade revenue requirement. Allocation of base plan funding will be determined after verification of designated resource meeting Attachment J, Section III B criteria. Additionally, E & C of 3rd party upgrades is assignable to Customer. Revenue Requirements for 3rd party facilities are not calculated.

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

Customer Study Number  
CALP SPP-2005-005D

| 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 |
|----------|-------------|------|--------|------------------|----------------------|---------------------|---------------------|--------------------|---------------------------------------|--------------------------|----------------------|----------------------------|
| CALP     | 826675      | NPPD | ERCOTE | 50               | 1/1/2006             | 1/1/2008            | 6/1/2008            | 6/1/2010           | \$ -                                  | \$ 1,260,000             | \$ -                 | \$ -                       |
|          |             |      |        |                  |                      |                     |                     |                    | \$ -                                  | \$ 1,260,000             | \$ -                 | \$ -                       |

| Reservation | Upgrade Name | COD | EOC | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|--------------|-----|-----|----------------------|------------------|----------------------------|
| 826675      |              |     |     | \$ -                 | \$ -             | \$ -                       |
| Total       |              |     |     | \$ -                 | \$ -             | \$ -                       |

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

| Reservation | Upgrade Name                                 | COD      | EOC      |
|-------------|--|----------|----------|
| 826675      | 3JNSBRO 115 - DANVILLE 115 (LPL) 115KV CKT 1 | 6/1/2010 | 6/1/2010 |
|             | FULTON - HOPE 115KV CKT 1                    | 6/1/2010 | 6/1/2010 |

Third Party Limitations

| Reservation | Upgrade Name                  | COD      | EOC      | Allocated E & C Cost | Total E & C Cost |
|-------------|-------------------------------|----------|----------|----------------------|------------------|
| 826675      | 3BISMRK - 3HSEHVW 115KV CKT 1 | 6/1/2006 | 6/1/2008 | \$ 18,000,000        | \$ 18,000,000    |
| Total       |                               |          |          | \$ 18,000,000        | \$ 18,000,000    |

Customer Study Number  
EDE AG2-2005-021

| 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      | 973373      | EES | EDE | 50               | 1/1/2010             | 1/1/2030            |                     |                    | \$ -                                  | \$ -                     | \$ 2,740,134         | \$ -                       |
|          |             |     |     |                  |                      |                     |                     |                    | \$ -                                  | \$ -                     | \$ 2,740,134         | \$ 6,917,321               |

| Reservation | Upgrade Name   | COD      | EOC      | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|--|----------|----------|----------------------|------------------|----------------------------|
| 973373      | Nichols St. Sub Bus - Nichols St. Sub 69KV                       | 6/1/2013 | 6/1/2013 | \$ 348,184           | \$ 1,000,000     | \$ 961,636                 |
|             | SUB 110 - ORONOGO JCT. - SUB 167 - RIVERTON 161KV CKT 1          | 6/1/2015 | 6/1/2015 | \$ 1,737,741         | \$ 5,400,000     | \$ 4,148,851               |
|             | SUB 110 - ORONOGO JCT. (ORONOGO) 161/69/12.5KV TRANSFORMER CKT 1 | 6/1/2013 | 6/1/2013 | \$ 654,209           | \$ 2,000,000     | \$ 1,806,834               |
| Total       |  |          |          | \$ 2,740,134         | \$ 8,400,000     | \$ 6,917,321               |

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      |
|-------------|---|----------|----------|
| 973373      | BULL SHOALS - BULL SHOALS 161KV CKT 1 SWPA                            | 6/1/2015 | 6/1/2015 |
|             | CLARKSVILLE - MUSKOGEE 345KV CKT 1 AEPW                               | 6/1/2015 | 6/1/2015 |
|             | CLARKSVILLE - MUSKOGEE 345KV CKT 1 OKGE                               | 6/1/2015 | 6/1/2015 |
|             | RIVERSIDE CAPACITOR   | 6/1/2013 | 6/1/2013 |
|             | SUB 389 - JOPLIN SOUTHWEST - SUB EXPLORER SPRING CITY TAP 69KV CKT 1  | 1/1/2010 | 6/1/2009 |
|             | SUB 389 - JOPLIN SOUTHWEST (JOPLINSW) 161/69/12.5KV TRANSFORMER CKT 1 | 6/1/2014 | 6/1/2014 |

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

Customer Study Number  
EDE AG2-2005-064

| 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 |
|----------|-------------|------|-----|------------------|----------------------|---------------------|---------------------|--------------------|---------------------------------------|--------------------------|----------------------|----------------------------|
| EDE      | 973355      | KCPL | EDE | 100              | 1/1/2010             | 1/1/2030            |                     |                    | \$ 6,440,488                          | \$ -                     | \$ 6,440,488         | \$ -                       |
|          |             |      |     |                  |                      |                     |                     |                    | <b>\$ 6,440,488</b>                   | <b>\$ -</b>              | <b>\$ 6,440,488</b>  | <b>\$ 16,935,105</b>       |

| Reservation  | Upgrade Name   | COD      | EOC      | Allocated E & C Cost | Total E & C Cost      | Total Revenue Requirements |
|--------------|--|----------|----------|----------------------|-----------------------|----------------------------|
| 973355       | Mooreland - Potter 345 kV SPS                                    | 5/1/2010 | 5/1/2010 | \$ 122,117           | \$ 61,850,000         | \$ 438,475                 |
|              | Mooreland - Potter 345 kV WFEC                                   | 5/1/2010 | 5/1/2010 | \$ 4,936             | \$ 2,500,000          | \$ 12,855                  |
|              | Mooreland 345/138 kV Transformer                                 | 5/1/2010 | 5/1/2010 | \$ 240,377           | \$ 5,000,000          | \$ 863,101                 |
|              | Nichols St. Sub Bus - Nichols St. Sub 69KV                       | 6/1/2013 | 6/1/2013 | \$ 651,816           | \$ 1,000,000          | \$ 1,800,225               |
|              | Potter - Tolk 345KV  | 5/1/2010 | 5/1/2010 | \$ 224,979           | \$ 36,377,173         | \$ 807,812                 |
|              | Spearville - Mooreland 345 kV WFEC                               | 5/1/2010 | 5/1/2010 | \$ 473,865           | \$ 21,000,000         | \$ 1,234,112               |
|              | SUB 110 - ORONOGO JCT. - SUB 167 - RIVERTON 161KV CKT 1          | 6/1/2015 | 6/1/2015 | \$ 3,376,607         | \$ 5,400,000          | \$ 8,061,639               |
|              | SUB 110 - ORONOGO JCT. (ORONOGO) 161/69/12.5KV TRANSFORMER CKT 1 | 6/1/2013 | 6/1/2013 | \$ 1,345,791         | \$ 2,000,000          | \$ 3,716,887               |
| <b>Total</b> |  |          |          | <b>\$ 6,440,488</b>  | <b>\$ 135,127,173</b> | <b>\$ 16,935,105</b>       |

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      |
|-------------|---|----------|----------|
| 973355      | 166TH STREET - JAGGARD JUNCTION 115KV CKT 1                           | 6/1/2013 | 6/1/2013 |
|             | BULL SHOALS - BULL SHOALS 161KV CKT 1 SWPA                            | 6/1/2015 | 6/1/2015 |
|             | CLARKSVILLE - MUSKOGEE 345KV CKT 1 AEPW                               | 6/1/2015 | 6/1/2015 |
|             | CLARKSVILLE - MUSKOGEE 345KV CKT 1 OKGE                               | 6/1/2015 | 6/1/2015 |
|             | JEC - Swissvale 345KV   | 6/1/2011 | 6/1/2011 |
|             | RIVERSIDE CAPACITOR   | 6/1/2013 | 6/1/2013 |
|             | SUB 389 - JOPLIN SOUTHWEST - SUB EXPLORER SPRING CITY TAP 69KV CKT 1  | 1/1/2010 | 6/1/2009 |
|             | SUB 389 - JOPLIN SOUTHWEST (JOPLINSW) 161/69/12.5KV TRANSFORMER CKT 1 | 6/1/2014 | 6/1/2014 |

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

| Reservation | Upgrade Name  | COD      | EOC      |
|-------------|---|----------|----------|
| 973355      | 166TH STREET - JARBALO JUNCTION SWITCHING STATION 115KV CKT 1 | 6/1/2013 | 6/1/2013 |
|             | TUCO INTERCHANGE 230KV  | 6/1/2008 | 6/1/2008 |

Third Party Limitations

| Reservation  | Upgrade Name                       | COD      | EOC      | Allocated E & C Cost | Total E & C Cost     |
|--------------|------------------------------------|----------|----------|----------------------|----------------------|
| 973355       | Spearville - Mooreland 345 kV SUNC | 5/1/2010 | 5/1/2010 | \$ 699,515           | \$ 31,000,000        |
| <b>Total</b> |                                    |          |          | <b>\$ 699,515</b>    | <b>\$ 31,000,000</b> |

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

Customer Study Number  
GSEC AG2-2005-046

| 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     | 974618      | SECI | SPS | 300              | 5/1/2010             | 5/1/2040            |                     |                    | \$ 54,000,000                         | \$ -                     | \$ 83,642,684         | \$ -                       |
| GSEC     | 987146      | SECI | SPS | 100              | 5/1/2010             | 5/1/2040            |                     |                    | \$ 18,000,000                         | \$ -                     | \$ 24,294,292         | \$ -                       |
|          |             |      |     |                  |                      |                     |                     |                    | <b>\$ 72,000,000</b>                  | <b>\$ -</b>              | <b>\$ 107,936,976</b> | <b>\$502,896,232.33</b>    |

| Reservation | Upgrade Name   | COD       | EOC       | Allocated E & C Cost | Total E & C Cost      | Total Revenue Requirements |
|-------------|--|-----------|-----------|----------------------|-----------------------|----------------------------|
| 974618      | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW | 6/1/2010  | 6/1/2010  | \$ 279,429           | \$ 1,000,000          | \$ 1,344,796               |
|             | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE | 6/1/2010  | 6/1/2010  | \$ 111,772           | \$ 400,000            | \$ 531,308                 |
|             | LEA COUNTY INTERCHANGE 230KV CAPACITORS*               | 12/1/2010 | 12/1/2010 | \$ 1,381,023         | \$ 1,381,023          | \$ 6,587,913               |
|             | Mooreland - Potter 345 kV SPS                          | 5/1/2010  | 5/1/2010  | \$ 41,165,994        | \$ 61,850,000         | \$ 204,527,271             |
|             | Mooreland - Potter 345 kV WFEC                         | 5/1/2010  | 5/1/2010  | \$ 1,663,945         | \$ 2,500,000          | \$ 5,249,727               |
|             | Mooreland 345/138 kV Transformer                       | 5/1/2010  | 5/1/2010  | \$ 2,075,325         | \$ 5,000,000          | \$ 10,310,951              |
|             | Potter - Tolk 345KV                                    | 5/1/2010  | 5/1/2010  | \$ 24,898,288        | \$ 36,377,173         | \$ 123,703,533             |
|             | Spearville - Mooreland 345 kV WFEC                     | 5/1/2010  | 5/1/2010  | \$ 12,066,908        | \$ 21,000,000         | \$ 38,070,952              |
|             | SPS MUST RUN GENERATION #1*                            | 12/1/2010 | 12/1/2010 | \$ -                 | \$ -                  | \$ -                       |
|             | SPS MUST RUN GENERATION #2*                            | 12/1/2010 | 12/1/2006 | \$ -                 | \$ -                  | \$ -                       |
|             |  |           | Total     | <b>\$ 83,642,684</b> | <b>\$ 129,508,196</b> | <b>\$ 390,326,451</b>      |
| 987146      | Mooreland - Potter 345 kV SPS                          | 5/1/2010  | 5/1/2010  | \$ 14,922,605        | \$ 61,850,000         | \$ 74,140,799              |
|             | Mooreland - Potter 345 kV WFEC                         | 5/1/2010  | 5/1/2010  | \$ 603,177           | \$ 2,500,000          | \$ 1,903,016               |
|             | Mooreland 345/138 kV Transformer                       | 5/1/2010  | 5/1/2010  | \$ 489,052           | \$ 5,000,000          | \$ 2,429,784               |
|             | Potter - Tolk 345KV                                    | 5/1/2010  | 5/1/2010  | \$ 4,397,671         | \$ 36,377,173         | \$ 21,849,191              |
|             | Spearville - Mooreland 345 kV WFEC                     | 5/1/2010  | 5/1/2010  | \$ 3,881,787         | \$ 21,000,000         | \$ 12,246,992              |
|             |  |           | Total     | <b>\$ 24,294,292</b> | <b>\$ 126,727,173</b> | <b>\$ 112,569,782</b>      |

\*LEA COUNTY INTERCHANGE 230 KV CAPACITORS is an alternative to SPS MUST GENERATION #1 and #2 Requirement

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      |
|-------------|---|----------|----------|
| 974618      | BEELINE - EXPLORER GLENPOOL 138KV CKT 1                           | 6/1/2010 | 6/1/2010 |
|             | CROSBY INTERCHANGE 115/69KV TRANSFORMER CKT 1                     | 6/1/2015 | 6/1/2015 |
|             | CROSBY INTERCHANGE 115/69KV TRANSFORMER CKT 2                     | 6/1/2015 | 6/1/2015 |
|             | JEC - Swissvale 345KV   | 6/1/2011 | 6/1/2011 |
|             | YOAKUM COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 1             | 6/1/2008 | 6/1/2008 |
| 987146      | BC-EARTH INTERCHANGE 115KV  | 6/1/2015 | 6/1/2015 |
|             | CURRY COUNTY INTERCHANGE-ROOSEVELT COUNTY INTERCHANGE 115KV CKT 2 | 06/01/15 | 06/01/15 |
|             | MOORE COUNTY INTERCHANGE E - POTTER COUNTY INTERCHANGE 230 KV     | 06/01/15 | 06/01/15 |
|             | JEC - Swissvale 345KV   | 6/1/2011 | 6/1/2011 |

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

| Reservation | Upgrade Name                                 | COD      | EOC      |
|-------------|--|----------|----------|
| 974618      | Snyder - Altus Jct 138KV                     | 6/1/2006 | 6/1/2008 |
|             | TUCO INTERCHANGE 230/115KV TRANSFORMER CKT 1 | 6/1/2008 | 6/1/2008 |
|             | TUCO INTERCHANGE 230KV                       | 6/1/2008 | 6/1/2008 |
| 987146      | Snyder - Altus Jct 138KV                     | 6/1/2006 | 6/1/2008 |
|             | TUCO INTERCHANGE 230/115KV TRANSFORMER CKT 1 | 6/1/2008 | 6/1/2008 |
|             | TUCO INTERCHANGE 230KV                       | 6/1/2008 | 6/1/2008 |

Third Party Limitations

| Reservation | Upgrade Name                       | COD      | EOC      | Allocated E & C Cost | Total E & C Cost     |
|-------------|------------------------------------|----------|----------|----------------------|----------------------|
| 974618      | Spearville - Mooreland 345 kV SUNC | 5/1/2010 | 5/1/2010 | \$ 17,813,055        | \$ 31,000,000        |
|             |                                    |          | Total    | <b>\$ 17,813,055</b> | <b>\$ 31,000,000</b> |
| 987146      | Spearville - Mooreland 345 kV SUNC | 5/1/2010 | 5/1/2010 | \$ 5,730,257         | \$ 31,000,000        |
|             |                                    |          | Total    | <b>\$ 5,730,257</b>  | <b>\$ 31,000,000</b> |

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

Customer Study Number  
KMEA AG2-2005-034

| 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     | 974592      | GRDA | KCPL | 9                | 5/1/2006             | 5/1/2026            | 10/1/2006           | 5/1/2026           | \$ 1,620,000                          | \$ -                     | \$ 2,186,087         | \$ -                       |
|          |             |      |      |                  |                      |                     |                     |                    | <b>\$ 1,620,000</b>                   | <b>\$ -</b>              | <b>\$ 2,186,087</b>  | <b>\$ 8,204,980</b>        |

| Reservation  | Upgrade Name  | COD      | EOC       | Allocated E & C Cost | Total E & C Cost    | Total Revenue Requirements |
|--------------|---|----------|-----------|----------------------|---------------------|----------------------------|
| 974592       | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW    | 6/1/2010 | 6/1/2010  | \$ 14,219            | \$ 1,000,000        | \$ 35,923                  |
|              | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE    | 6/1/2010 | 6/1/2010  | \$ 5,687             | \$ 400,000          | \$ 15,176                  |
|              | WEST GARDNER (WGARD 11) 345/161/13.8KV TRANSFORMER CKT 11 | 6/1/2006 | 10/1/2007 | \$ 2,166,181         | \$ 3,000,000        | \$ 8,153,880               |
| <b>Total</b> |   |          |           | <b>\$ 2,186,087</b>  | <b>\$ 4,400,000</b> | <b>\$ 8,204,980</b>        |

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      |
|-------------|---|----------|----------|
| 974592      | BEELINE - EXPLORER GLENPOOL 138KV CKT 1 | 6/1/2010 | 6/1/2010 |
|             | JEC - Swissvale 345KV                   | 6/1/2011 | 6/1/2011 |

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

| Reservation | Upgrade Name                    | COD      | EOC      |
|-------------|---------------------------------|----------|----------|
| 974592      | 412SUB - KANSAS TAP 161KV CKT 1 | 6/1/2015 | 6/1/2015 |
|             | 412SUB - KERR 161KV CKT 1       | 6/1/2015 | 6/1/2015 |

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

| Reservation | Upgrade Name                         | COD      | EOC      |
|-------------|--------------------------------------|----------|----------|
| 974592      | AEPW PLANNED UPGRADE FOR NW ARKANSAS | 6/1/2006 | 6/1/2009 |
|             | LACYGNE - PAOLA 345KV CKT 1          | 6/1/2015 | 6/1/2006 |

Customer Study Number  
KMEA AG2-2005-035

| 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     | 974596      | GRDA | KCPL | 6                | 5/1/2006             | 5/1/2026            | 10/1/2006           | 5/1/2026           | \$ 612,808                            | \$ -                     | \$ 612,808           | \$ -                       |
|          |             |      |      |                  |                      |                     |                     |                    | <b>\$ 612,808</b>                     | <b>\$ -</b>              | <b>\$ 612,808</b>    | <b>\$ 2,291,398</b>        |

| Reservation  | Upgrade Name  | COD      | EOC       | Allocated E & C Cost | Total E & C Cost    | Total Revenue Requirements |
|--------------|---|----------|-----------|----------------------|---------------------|----------------------------|
| 974596       | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW    | 6/1/2010 | 6/1/2010  | \$ 9,139             | \$ 1,000,000        | \$ 23,089                  |
|              | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE    | 6/1/2010 | 6/1/2010  | \$ 3,656             | \$ 400,000          | \$ 9,756                   |
|              | WEST GARDNER (WGARD 11) 345/161/13.8KV TRANSFORMER CKT 11 | 6/1/2006 | 10/1/2007 | \$ 600,013           | \$ 3,000,000        | \$ 2,258,553               |
| <b>Total</b> |   |          |           | <b>\$ 612,808</b>    | <b>\$ 4,400,000</b> | <b>\$ 2,291,398</b>        |

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      |
|-------------|---|----------|----------|
| 974596      | BEELINE - EXPLORER GLENPOOL 138KV CKT 1 | 6/1/2010 | 6/1/2010 |
|             | JEC - Swissvale 345KV                   | 6/1/2011 | 6/1/2011 |

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

| Reservation | Upgrade Name                    | COD      | EOC      |
|-------------|---------------------------------|----------|----------|
| 974596      | 412SUB - KANSAS TAP 161KV CKT 1 | 6/1/2015 | 6/1/2015 |
|             | 412SUB - KERR 161KV CKT 1       | 6/1/2015 | 6/1/2015 |

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

| Reservation | Upgrade Name                         | COD      | EOC      |
|-------------|--------------------------------------|----------|----------|
| 974596      | AEPW PLANNED UPGRADE FOR NW ARKANSAS | 6/1/2006 | 6/1/2009 |
|             | LACYGNE - PAOLA 345KV CKT 1          | 6/1/2015 | 6/1/2006 |

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

Customer Study Number  
KMEA SPP-2003-275

| 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     | 610383      | GRDA | WR  | 5                | 5/1/2009             | 5/1/2010            | 10/1/2010           | 10/1/2011          | \$ -                                  | \$ 78,000                | \$ 3,436,660         | \$ -                       |
|          |             |      |     |                  |                      |                     |                     |                    | \$ -                                  | \$ 78,000                | \$ 3,436,660         | \$ 8,325,064               |

| Reservation | Upgrade Name   | COD      | EOC       | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|--|----------|-----------|----------------------|------------------|----------------------------|
| 610383      | BUCYRUS - STILWELL 161KV CKT 1                         | 6/1/2010 | 6/1/2010  | \$ 66                | \$ 9,000         | \$ 138                     |
|             | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW | 6/1/2010 | 6/1/2010  | \$ 11,740            | \$ 1,000,000     | \$ 20,757                  |
|             | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE | 6/1/2010 | 6/1/2010  | \$ 4,696             | \$ 400,000       | \$ 9,055                   |
|             | Wichita - Reno Co 345KV                                | 4/1/2006 | 10/1/2010 | \$ 3,420,158         | \$ 42,000,000    | \$ 8,295,114               |
| Total       |  |          |           | \$ 3,436,660         | \$ 43,409,000    | \$ 8,325,064               |

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      |
|-------------|---|----------|----------|
| 610383      | BEELINE - EXPLORER GLENPOOL 138KV CKT 1 | 6/1/2010 | 6/1/2010 |

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

| Reservation | Upgrade Name           | COD      | EOC      |
|-------------|------------------------|----------|----------|
| 610383      | TUCO INTERCHANGE 230KV | 6/1/2008 | 6/1/2008 |

Customer Study Number  
KMEA AG2-2005-039

| 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     | 974637      | GRDA | WR  | 1                | 5/1/2009             | 5/1/2026            |                     |                    | \$ -                                  | \$ -                     | \$ 27,685            | \$ -                       |
|          |             |      |     |                  |                      |                     |                     |                    | \$ -                                  | \$ -                     | \$ 27,685            | \$ 56,605                  |

| Reservation | Upgrade Name  | COD      | EOC      | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|---|----------|----------|----------------------|------------------|----------------------------|
| 974637      | SUB 110 - ORONOJO JCT. - SUB 167 - RIVERTON 161KV CKT 1 | 6/1/2015 | 6/1/2015 | \$ 27,685            | \$ 5,400,000     | \$ 56,605                  |
| Total       |   |          |          | \$ 27,685            | \$ 5,400,000     | \$ 56,605                  |

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

| Reservation | Upgrade Name                    | COD      | EOC      |
|-------------|---------------------------------|----------|----------|
| 974637      | 412SUB - KANSAS TAP 161KV CKT 1 | 6/1/2015 | 6/1/2015 |
|             | 412SUB - KERR 161KV CKT 1       | 6/1/2015 | 6/1/2015 |



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

Customer Study Number  
KMEA AG2-2005-040

| 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     | 974645      | GRDA | WR  | 2                | 5/1/2009             | 5/1/2026            |                     |                    | \$ -                                  | \$ -                     | \$ -                 | \$ -                       |
|          |             |      |     |                  |                      |                     |                     |                    | \$ -                                  | \$ -                     | \$ -                 | \$ -                       |

| Reservation | Upgrade Name | COD | EOC | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|--------------|-----|-----|----------------------|------------------|----------------------------|
| 974645      |              |     |     | \$ -                 | \$ -             | \$ -                       |
| Total       |              |     |     | \$ -                 | \$ -             | \$ -                       |

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

| Reservation | Upgrade Name                    | COD      | EOC      |
|-------------|---------------------------------|----------|----------|
| 974645      | 412SUB - KANSAS TAP 161KV CKT 1 | 6/1/2015 | 6/1/2015 |
|             | 412SUB - KERR 161KV CKT 1       | 6/1/2015 | 6/1/2015 |

Customer Study Number  
KMEA AG2-2005-041

| 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     | 974650      | GRDA | WR  | 3                | 5/1/2009             | 5/1/2026            |                     |                    | \$ -                                  | \$ 795,600               | \$ 8,104             | \$ -                       |
|          |             |      |     |                  |                      |                     |                     |                    | \$ -                                  | \$ 795,600               | \$ 8,104             | \$ 24,066                  |

| Reservation | Upgrade Name   | COD      | EOC      | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|--|----------|----------|----------------------|------------------|----------------------------|
| 974650      | BUCYRUS - STILWELL 161KV CKT 1                         | 6/1/2010 | 6/1/2010 | \$ 57                | \$ 9,000         | \$ 186                     |
|             | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW | 6/1/2010 | 6/1/2010 | \$ 5,748             | \$ 1,000,000     | \$ 16,902                  |
|             | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE | 6/1/2010 | 6/1/2010 | \$ 2,299             | \$ 400,000       | \$ 6,977                   |
| Total       |  |          |          | \$ 8,104             | \$ 1,409,000     | \$ 24,066                  |

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      |
|-------------|---|----------|----------|
| 974650      | BEELINE - EXPLORER GLENPOOL 138KV CKT 1 | 6/1/2010 | 6/1/2010 |
|             | JEC - Swissvale 345KV                   | 6/1/2011 | 6/1/2011 |

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

| Reservation | Upgrade Name                    | COD      | EOC      |
|-------------|---------------------------------|----------|----------|
| 974650      | 412SUB - KANSAS TAP 161KV CKT 1 | 6/1/2015 | 6/1/2015 |
|             | 412SUB - KERR 161KV CKT 1       | 6/1/2015 | 6/1/2015 |

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

| Reservation | Upgrade Name                | COD      | EOC      |
|-------------|-----------------------------|----------|----------|
| 974650      | LACYGNE - PAOLA 345KV CKT 1 | 6/1/2015 | 6/1/2006 |

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

Customer Study Number  
KMEA AG2-2005-042

| 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     | 974656      | GRDA | WR  | 3                | 5/1/2009             | 5/1/2026            |                     |                    | \$ -                                  | \$ 795,600               | \$ 8,062             | \$ -                       |
|          |             |      |     |                  |                      |                     |                     |                    | \$ -                                  | \$ 795,600               | \$ 8,062             | \$ 23,941                  |

| Reservation | Upgrade Name   | COD      | EOC      | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|--|----------|----------|----------------------|------------------|----------------------------|
| 974656      | BUCYRUS - STILWELL 161KV CKT 1                         | 6/1/2010 | 6/1/2010 | \$ 57                | \$ 9,000         | \$ 186                     |
|             | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW | 6/1/2010 | 6/1/2010 | \$ 5,718             | \$ 1,000,000     | \$ 16,814                  |
|             | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE | 6/1/2010 | 6/1/2010 | \$ 2,287             | \$ 400,000       | \$ 6,941                   |
| Total       |  |          |          | \$ 8,062             | \$ 1,409,000     | \$ 23,941                  |

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      |
|-------------|---|----------|----------|
| 974656      | 27TH & CROCO - TECUMSEH HILL 115KV              | 6/1/2010 | 6/1/2010 |
|             | 27TH & CROCO JUNCTION - 41ST & CALIFORNIA 115KV | 6/1/2010 | 6/1/2010 |
|             | BEELINE - EXPLORER GLENPOOL 138KV CKT 1         | 6/1/2010 | 6/1/2010 |
|             | JEC - Swissvale 345KV                           | 6/1/2011 | 6/1/2011 |

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

| Reservation | Upgrade Name                    | COD      | EOC      |
|-------------|---------------------------------|----------|----------|
| 974656      | 412SUB - KANSAS TAP 161KV CKT 1 | 6/1/2015 | 6/1/2015 |
|             | 412SUB - KERR 161KV CKT 1       | 6/1/2015 | 6/1/2015 |

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

| Reservation | Upgrade Name                | COD      | EOC      |
|-------------|-----------------------------|----------|----------|
| 974656      | LACYGNE - PAOLA 345KV CKT 1 | 6/1/2015 | 6/1/2006 |
|             | TUCO INTERCHANGE 230KV      | 6/1/2008 | 6/1/2008 |

Customer Study Number  
KMEA AG2-2005-043

| 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     | 974658      | GRDA | WR  | 3                | 5/1/2006             | 5/1/2026            | 10/1/2006           | 5/1/2026           | \$ 540,000                            | \$ 936,000               | \$ 1,147,967         | \$ -                       |
|          |             |      |     |                  |                      |                     |                     |                    | \$ 540,000                            | \$ 936,000               | \$ 1,147,967         | \$ 2,512,153               |

| Reservation | Upgrade Name  | COD       | EOC       | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|---|-----------|-----------|----------------------|------------------|----------------------------|
| 974658      | AFTON (AFTAUTO1) 161/69/13.8KV TRANSFORMER CKT 1        | 12/1/2010 | 12/1/2010 | \$ 890,000           | \$ 890,000       | \$ 2,053,876               |
|             | SUB 110 - ORONOJO JCT. - SUB 167 - RIVERTON 161KV CKT 1 | 6/1/2015  | 6/1/2015  | \$ 257,967           | \$ 5,400,000     | \$ 458,277                 |
| Total       |   |           |           | \$ 1,147,967         | \$ 6,290,000     | \$ 2,512,153               |

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      |
|-------------|------------------------------------|----------|----------|
| 974658      | NEOSHO\ 138/69/12.47KV TRANSFORMER | 6/1/2009 | 6/1/2009 |

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

| Reservation | Upgrade Name                    | COD      | EOC      |
|-------------|---------------------------------|----------|----------|
| 974658      | 412SUB - KANSAS TAP 161KV CKT 1 | 6/1/2015 | 6/1/2015 |
|             | 412SUB - KERR 161KV CKT 1       | 6/1/2015 | 6/1/2015 |

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

| Reservation | Upgrade Name                         | COD      | EOC      |
|-------------|--------------------------------------|----------|----------|
| 974658      | AEPW PLANNED UPGRADE FOR NW ARKANSAS | 6/1/2006 | 6/1/2009 |

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

Customer Study Number  
KMEA AG2-2005-044

| 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     | 974660      | GRDA | WR  | 3                | 5/1/2006             | 5/1/2026            | 12/1/2006           | 5/1/2026           | \$ 8,411                              | \$ 936,000               | \$ 8,411             | \$ -                       |
|          |             |      |     |                  |                      |                     |                     |                    | <b>\$ 8,411</b>                       | <b>\$ 936,000</b>        | <b>\$ 8,411</b>      | <b>\$ 22,647</b>           |

| Reservation | Upgrade Name  | COD      | EOC       | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|---|----------|-----------|----------------------|------------------|----------------------------|
| 974660      | BUCYRUS - STILWELL 161KV CKT 1                            | 6/1/2010 | 6/1/2010  | \$ 54                | \$ 9,000         | \$ 157                     |
|             | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW    | 6/1/2010 | 6/1/2010  | \$ 5,475             | \$ 1,000,000     | \$ 13,970                  |
|             | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE    | 6/1/2010 | 6/1/2010  | \$ 2,190             | \$ 400,000       | \$ 5,894                   |
|             | WEST GARDNER (WGARD 11) 345/161/13.8KV TRANSFORMER CKT 11 | 6/1/2006 | 10/1/2007 | \$ 692               | \$ 3,000,000     | \$ 2,626                   |
|             |   |          |           | <b>Total</b>         | <b>\$ 8,411</b>  | <b>\$ 4,409,000</b>        |

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      |
|-------------|---|----------|----------|
| 974660      | BEELINE - EXPLORER GLENPOOL 138KV CKT 1               | 6/1/2010 | 6/1/2010 |
|             | CIRCLEVILLE - HOYT HTI SWITCHING JUNCTION 115KV CKT 1 | 6/1/2006 | 4/1/2007 |
|             | JEC - Swissvale 345KV                                 | 6/1/2011 | 6/1/2011 |
|             | TECUMSEH HILL () 161/115/13.8KV TRANSFORMER CKT 1     | 6/1/2010 | 6/1/2010 |

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

| Reservation | Upgrade Name                    | COD      | EOC      |
|-------------|---------------------------------|----------|----------|
| 974660      | 412SUB - KANSAS TAP 161KV CKT 1 | 6/1/2015 | 6/1/2015 |
|             | 412SUB - KERR 161KV CKT 1       | 6/1/2015 | 6/1/2015 |

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

| Reservation | Upgrade Name                         | COD      | EOC      |
|-------------|--------------------------------------|----------|----------|
| 974660      | AEPW PLANNED UPGRADE FOR NW ARKANSAS | 6/1/2006 | 6/1/2009 |
|             | LACYGNE - PAOLA 345KV CKT 1          | 6/1/2015 | 6/1/2006 |
|             | TUCO INTERCHANGE 230KV               | 6/1/2008 | 6/1/2008 |

Customer Study Number  
KMEA AG2-2005-045

| 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     | 974662      | GRDA | WPEK | 2                | 5/1/2006             | 5/1/2026            | 10/1/2010           | 5/1/2026           | \$ 360,000                            | \$ 469,440               | \$ 882,618           | \$ -                       |
|          |             |      |      |                  |                      |                     |                     |                    | <b>\$ 360,000</b>                     | <b>\$ 469,440</b>        | <b>\$ 882,618</b>    | <b>\$ 3,762,221</b>        |

| Reservation | Upgrade Name  | COD      | EOC       | Allocated E & C Cost | Total E & C Cost  | Total Revenue Requirements |
|-------------|---|----------|-----------|----------------------|-------------------|----------------------------|
| 974662      | BUCYRUS - STILWELL 161KV CKT 1                            | 6/1/2010 | 6/1/2010  | \$ 25                | \$ 9,000          | \$ 87                      |
|             | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW    | 6/1/2010 | 6/1/2010  | \$ 5,170             | \$ 1,000,000      | \$ 16,495                  |
|             | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE    | 6/1/2010 | 6/1/2010  | \$ 2,068             | \$ 400,000        | \$ 6,727                   |
|             | WEST GARDNER (WGARD 11) 345/161/13.8KV TRANSFORMER CKT 11 | 6/1/2006 | 10/1/2007 | \$ 566               | \$ 3,000,000      | \$ 2,587                   |
|             | Wichita - Reno Co 345KV                                   | 4/1/2006 | 10/1/2010 | \$ 874,789           | \$ 42,000,000     | \$ 3,736,325               |
|             |   |          |           | <b>Total</b>         | <b>\$ 882,618</b> | <b>\$ 46,409,000</b>       |

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      |
|-------------|---|----------|----------|
| 974662      | BEELINE - EXPLORER GLENPOOL 138KV CKT 1 | 6/1/2010 | 6/1/2010 |
|             | HEIZER - KNOLL 230KV                    | 6/1/2010 | 6/1/2010 |

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

| Reservation | Upgrade Name                    | COD      | EOC      |
|-------------|---------------------------------|----------|----------|
| 974662      | 412SUB - KANSAS TAP 161KV CKT 1 | 6/1/2015 | 6/1/2015 |
|             | 412SUB - KERR 161KV CKT 1       | 6/1/2015 | 6/1/2015 |

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

| Reservation | Upgrade Name                         | COD      | EOC      |
|-------------|--------------------------------------|----------|----------|
| 974662      | AEPW PLANNED UPGRADE FOR NW ARKANSAS | 6/1/2006 | 6/1/2009 |
|             | HEC-HEC GT-Circle 115KV              | 6/1/2007 | 4/1/2006 |
|             | LACYGNE - PAOLA 345KV CKT 1          | 6/1/2015 | 6/1/2006 |
|             | PLAINVILLE CAPACITOR                 | 6/1/2006 | 6/1/2007 |
|             | TUCO INTERCHANGE 230KV               | 6/1/2008 | 6/1/2008 |

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

Customer Study Number  
KMEA AG2-2005-058

| 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 |
|----------|-------------|------|------|------------------|----------------------|---------------------|---------------------|--------------------|---------------------------------------|--------------------------|----------------------|----------------------------|
| KMEA     | 974976      | GRDA | WPEK | 3                | 5/1/2006             | 5/1/2026            | 12/1/2006           | 5/1/2026           | \$ 10,438                             | \$ 704,160               | \$ 10,438            | \$ -                       |
|          |             |      |      |                  |                      |                     |                     |                    | <b>\$ 10,438</b>                      | <b>\$ 704,160</b>        | <b>\$ 10,438</b>     | <b>\$ 28,807</b>           |

| Reservation | Upgrade Name  | COD      | EOC       | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|---|----------|-----------|----------------------|------------------|----------------------------|
| 974976      | BUCYRUS - STILWELL 161KV CKT 1                            | 6/1/2010 | 6/1/2010  | \$ 50                | \$ 9,000         | \$ 145                     |
|             | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW    | 6/1/2010 | 6/1/2010  | \$ 6,387             | \$ 1,000,000     | \$ 16,298                  |
|             | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE    | 6/1/2010 | 6/1/2010  | \$ 2,555             | \$ 400,000       | \$ 6,876                   |
|             | WEST GARDNER (WGARD 11) 345/161/13.8KV TRANSFORMER CKT 11 | 6/1/2006 | 10/1/2007 | \$ 1,446             | \$ 3,000,000     | \$ 5,488                   |
|             |   |          |           | <b>Total</b>         | <b>\$ 10,438</b> | <b>\$ 4,409,000</b>        |

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      |
|-------------|---|----------|----------|
| 974976      | BEELINE - EXPLORER GLENPOOL 138KV CKT 1               | 6/1/2010 | 6/1/2010 |
|             | CIRCLEVILLE - HOYT HTI SWITCHING JUNCTION 115KV CKT 1 | 6/1/2006 | 4/1/2007 |
|             | HEIZER - KNOLL 230KV                                  | 6/1/2010 | 6/1/2010 |

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

| Reservation | Upgrade Name                    | COD      | EOC      |
|-------------|---------------------------------|----------|----------|
| 974976      | 412SUB - KANSAS TAP 161KV CKT 1 | 6/1/2015 | 6/1/2015 |
|             | 412SUB - KERR 161KV CKT 1       | 6/1/2015 | 6/1/2015 |

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

| Reservation | Upgrade Name                         | COD      | EOC      |
|-------------|--------------------------------------|----------|----------|
| 974976      | AEPW PLANNED UPGRADE FOR NW ARKANSAS | 6/1/2006 | 6/1/2009 |
|             | LACYGNE - PAOLA 345KV CKT 1          | 6/1/2015 | 6/1/2006 |
|             | PLAINVILLE CAPACITOR                 | 6/1/2006 | 6/1/2007 |
|             | TUCO INTERCHANGE 230KV               | 6/1/2008 | 6/1/2008 |

Customer Study Number  
KMEA AG2-2005-059

| 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 |
|----------|-------------|------|------|------------------|----------------------|---------------------|---------------------|--------------------|---------------------------------------|--------------------------|----------------------|----------------------------|
| KMEA     | 974977      | GRDA | WPEK | 2                | 5/1/2010             | 5/1/2026            |                     |                    | \$ 5,994                              | \$ 375,552               | \$ 5,994             | \$ -                       |
|          |             |      |      |                  |                      |                     |                     |                    | <b>\$ 5,994</b>                       | <b>\$ 375,552</b>        | <b>\$ 5,994</b>      | <b>\$ 18,804</b>           |

| Reservation | Upgrade Name   | COD      | EOC      | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|--|----------|----------|----------------------|------------------|----------------------------|
| 974977      | BUCYRUS - STILWELL 161KV CKT 1                         | 6/1/2010 | 6/1/2010 | \$ 33                | \$ 9,000         | \$ 113                     |
|             | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW | 6/1/2010 | 6/1/2010 | \$ 4,258             | \$ 1,000,000     | \$ 13,264                  |
|             | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE | 6/1/2010 | 6/1/2010 | \$ 1,703             | \$ 400,000       | \$ 5,428                   |
|             |  |          |          | <b>Total</b>         | <b>\$ 5,994</b>  | <b>\$ 1,409,000</b>        |

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      |
|-------------|---|----------|----------|
| 974977      | BEELINE - EXPLORER GLENPOOL 138KV CKT 1 | 6/1/2010 | 6/1/2010 |
|             | HEIZER - KNOLL 230KV                    | 6/1/2010 | 6/1/2010 |

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

| Reservation | Upgrade Name                    | COD      | EOC      |
|-------------|---------------------------------|----------|----------|
| 974977      | 412SUB - KANSAS TAP 161KV CKT 1 | 6/1/2015 | 6/1/2015 |
|             | 412SUB - KERR 161KV CKT 1       | 6/1/2015 | 6/1/2015 |

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

| Reservation | Upgrade Name                | COD      | EOC      |
|-------------|-----------------------------|----------|----------|
| 974977      | LACYGNE - PAOLA 345KV CKT 1 | 6/1/2015 | 6/1/2006 |
|             | TUCO INTERCHANGE 230KV      | 6/1/2008 | 6/1/2008 |

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

Customer Study Number  
KMEA AG2-2005-060

| 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 |
|----------|-------------|------|-----|------------------|----------------------|---------------------|---------------------|--------------------|---------------------------------------|--------------------------|----------------------|----------------------------|
| KMEA     | 974987      | GRDA | WR  | 2                | 5/1/2010             | 5/1/2026            | 10/1/2010           | 5/1/2026           | \$ -                                  | \$ 499,200               | \$ 997,299           | \$ -                       |
|          |             |      |     |                  |                      |                     |                     |                    | \$ -                                  | \$ 499,200               | \$ 997,299           | \$ 4,252,049               |

| Reservation | Upgrade Name   | COD      | EOC       | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|--|----------|-----------|----------------------|------------------|----------------------------|
| 974987      | BUCYRUS - STILWELL 161KV CKT 1                         | 6/1/2010 | 6/1/2010  | \$ 23                | \$ 9,000         | \$ 80                      |
|             | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW | 6/1/2010 | 6/1/2010  | \$ 5,049             | \$ 1,000,000     | \$ 16,109                  |
|             | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE | 6/1/2010 | 6/1/2010  | \$ 2,019             | \$ 400,000       | \$ 6,567                   |
|             | Wichita - Reno Co 345KV                                | 4/1/2006 | 10/1/2010 | \$ 990,208           | \$ 42,000,000    | \$ 4,229,293               |
| Total       |  |          |           | \$ 997,299           | \$ 43,409,000    | \$ 4,252,049               |

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      |
|-------------|---|----------|----------|
| 974987      | BEELINE - EXPLORER GLENPOOL 138KV CKT 1 | 6/1/2010 | 6/1/2010 |
|             | HEIZER - KNOLL 230KV                    | 6/1/2010 | 6/1/2010 |

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

| Reservation | Upgrade Name                    | COD      | EOC      |
|-------------|---------------------------------|----------|----------|
| 974987      | 412SUB - KANSAS TAP 161KV CKT 1 | 6/1/2015 | 6/1/2015 |
|             | 412SUB - KERR 161KV CKT 1       | 6/1/2015 | 6/1/2015 |

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

| Reservation | Upgrade Name                | COD      | EOC      |
|-------------|-----------------------------|----------|----------|
| 974987      | LACYGNE - PAOLA 345KV CKT 1 | 6/1/2015 | 6/1/2006 |
|             | TUCO INTERCHANGE 230KV      | 6/1/2008 | 6/1/2008 |

Customer Study Number  
KMEA AG2-2005-061

| 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     | 974988      | GRDA | WR  | 2                | 5/1/2006             | 5/1/2026            | 10/1/2010           | 5/1/2026           | \$ 360,000                            | \$ 624,000               | \$ 997,299           | \$ -                       |
|          |             |      |     |                  |                      |                     |                     |                    | \$ 360,000                            | \$ 624,000               | \$ 997,299           | \$ 4,252,049               |

| Reservation | Upgrade Name   | COD      | EOC       | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|--|----------|-----------|----------------------|------------------|----------------------------|
| 974988      | BUCYRUS - STILWELL 161KV CKT 1                         | 6/1/2010 | 6/1/2010  | \$ 23                | \$ 9,000         | \$ 80                      |
|             | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW | 6/1/2010 | 6/1/2010  | \$ 5,049             | \$ 1,000,000     | \$ 16,109                  |
|             | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE | 6/1/2010 | 6/1/2010  | \$ 2,019             | \$ 400,000       | \$ 6,567                   |
|             | Wichita - Reno Co 345KV                                | 4/1/2006 | 10/1/2010 | \$ 990,208           | \$ 42,000,000    | \$ 4,229,293               |
| Total       |  |          |           | \$ 997,299           | \$ 43,409,000    | \$ 4,252,049               |

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      |
|-------------|---|----------|----------|
| 974988      | BEELINE - EXPLORER GLENPOOL 138KV CKT 1 | 6/1/2010 | 6/1/2010 |
|             | HEIZER - KNOLL 230KV                    | 6/1/2010 | 6/1/2010 |

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

| Reservation | Upgrade Name                    | COD      | EOC      |
|-------------|---------------------------------|----------|----------|
| 974988      | 412SUB - KANSAS TAP 161KV CKT 1 | 6/1/2015 | 6/1/2015 |
|             | 412SUB - KERR 161KV CKT 1       | 6/1/2015 | 6/1/2015 |

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

| Reservation | Upgrade Name                         | COD      | EOC      |
|-------------|--------------------------------------|----------|----------|
| 974988      | AEPW PLANNED UPGRADE FOR NW ARKANSAS | 6/1/2006 | 6/1/2009 |
|             | HEC-HEC GT Circle 116KV              | 6/1/2007 | 4/1/2006 |
|             | LACYGNE - PAOLA 345KV CKT 1          | 6/1/2015 | 6/1/2006 |
|             | PLAINVILLE CAPACITOR                 | 6/1/2006 | 6/1/2007 |
|             | TUCO INTERCHANGE 230KV               | 6/1/2008 | 6/1/2008 |

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

Customer Study Number  
KMEA AG2-2005-063

| 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     | 974926      | GRDA | WPEK | 1                | 5/1/2010             | 5/1/2026            |                     |                    | \$ 2,786                              | \$ 187,776               | \$ 2,786             | \$ -                       |
|          |             |      |      |                  |                      |                     |                     |                    | <b>\$ 2,786</b>                       | <b>\$ 187,776</b>        | <b>\$ 2,786</b>      | <b>\$ 8,741</b>            |

| Reservation  | Upgrade Name   | COD      | EOC      | Allocated E & C Cost | Total E & C Cost    | Total Revenue Requirements |
|--------------|--|----------|----------|----------------------|---------------------|----------------------------|
| 974926       | BUCYRUS - STILWELL 161KV CKT 1                         | 6/1/2010 | 6/1/2010 | \$ 18                | \$ 9,000            | \$ 62                      |
|              | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW | 6/1/2010 | 6/1/2010 | \$ 1,977             | \$ 1,000,000        | \$ 6,158                   |
|              | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE | 6/1/2010 |          | \$ 791               | \$ 400,000          | \$ 2,521                   |
| <b>Total</b> |  |          |          | <b>\$ 2,786</b>      | <b>\$ 1,409,000</b> | <b>\$ 8,741</b>            |

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      |
|-------------|---|----------|----------|
| 974926      | BEELINE - EXPLORER GLENPOOL 138KV CKT 1           | 6/1/2010 | 6/1/2010 |
|             | HEIZER - KNOLL 230KV                              | 6/1/2010 | 6/1/2010 |
|             | JEC - Swissvale 345KV                             | 6/1/2011 | 6/1/2011 |
|             | TECUMSEH HILL () 161/115/13.8KV TRANSFORMER CKT 1 | 6/1/2010 | 6/1/2010 |

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

| Reservation | Upgrade Name                    | COD      | EOC      |
|-------------|---------------------------------|----------|----------|
| 974926      | 412SUB - KANSAS TAP 161KV CKT 1 | 6/1/2015 | 6/1/2015 |
|             | 412SUB - KERR 161KV CKT 1       | 6/1/2015 | 6/1/2015 |

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

| Reservation | Upgrade Name                | COD      | EOC      |
|-------------|-----------------------------|----------|----------|
| 974926      | LACYGNE - PAOLA 345KV CKT 1 | 6/1/2015 | 6/1/2006 |
|             | TUCO INTERCHANGE 230KV      | 6/1/2008 | 6/1/2008 |

Customer Study Number  
OMPA AG2-2005-067

| 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 |
|----------|-------------|------|------|------------------|----------------------|---------------------|---------------------|--------------------|---------------------------------------|--------------------------|----------------------|----------------------------|
| OMPA     | 974873      | OKGE | CSWS | 25               | 2/1/2006             | 2/1/2015            | 10/1/2006           | 10/1/2015          | \$ 4,500,000                          | \$ -                     | \$ 5,135,896         | \$ -                       |
|          |             |      |      |                  |                      |                     |                     |                    | <b>\$ 4,500,000</b>                   | <b>\$ -</b>              | <b>\$ 5,135,896</b>  | <b>\$ 7,635,683</b>        |

| Reservation  | Upgrade Name                       | COD      | EOC      | Allocated E & C Cost | Total E & C Cost      | Total Revenue Requirements |
|--------------|------------------------------------|----------|----------|----------------------|-----------------------|----------------------------|
| 974873       | ALTUS JUNCTION 69KV Capacitor      | 6/1/2015 | 6/1/2015 | \$ 500,000           | \$ 500,000            | \$ 423,348                 |
|              | BROWN - EXPLORER TAP 138KV CKT 1   | 6/1/2008 | 6/1/2008 | \$ 584               | \$ 25,000             | \$ 1,220                   |
|              | CACHE - SNYDER 138KV CKT 1         | 6/1/2008 | 6/1/2008 | \$ 62,705            | \$ 85,000             | \$ 104,300                 |
|              | COMANCHE - WALTERS 69KV CKT 1      | 6/1/2008 | 6/1/2008 | \$ 3,300,000         | \$ 3,300,000          | \$ 4,803,481               |
|              | Mooreland - Potter 345 kV SPS      | 5/1/2010 | 5/1/2010 | \$ 1,051,381         | \$ 61,850,000         | \$ 1,901,309               |
|              | Mooreland - Potter 345 kV WFEC     | 5/1/2010 | 5/1/2010 | \$ 42,497            | \$ 2,500,000          | \$ 77,769                  |
|              | Potter - Tolk 345KV                | 5/1/2010 | 5/1/2010 | \$ 130,533           | \$ 36,377,173         | \$ 236,055                 |
|              | Spearville - Mooreland 345 kV WFEC | 5/1/2010 | 5/1/2010 | \$ 48,196            | \$ 21,000,000         | \$ 88,199                  |
| <b>Total</b> |                                    |          |          | <b>\$ 5,135,896</b>  | <b>\$ 125,637,173</b> | <b>\$ 7,635,683</b>        |

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      |
|-------------|------------------------------|----------|----------|
| 974873      | Marietta Switch Capacitor    | 6/1/2010 | 6/1/2010 |
|             | Pink Switch 138 KV Capacitor | 6/1/2010 | 6/1/2010 |

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

| Reservation | Upgrade Name             | COD      | EOC      |
|-------------|--------------------------|----------|----------|
| 974873      | Snyder - Altus Jct 138KV | 6/1/2006 | 6/1/2008 |
|             | TUCO INTERCHANGE 230KV   | 6/1/2008 | 6/1/2008 |

Third Party Limitations

| Reservation  | Upgrade Name                       | COD      | EOC      | Allocated E & C Cost | Total E & C Cost     |
|--------------|------------------------------------|----------|----------|----------------------|----------------------|
| 974873       | Spearville - Mooreland 345 kV SUNC | 5/1/2010 | 5/1/2010 | \$ 71,146            | \$ 31,000,000        |
| <b>Total</b> |                                    |          |          | <b>\$ 71,146</b>     | <b>\$ 31,000,000</b> |

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

Customer Study Number  
SHDY AG2-2005-056

| 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 |
|---|-------------|------|-----|------------------|----------------------|---------------------|---------------------|--------------------|---------------------------------------|--------------------------|----------------------|----------------------------|
| SHDY  | 974688      | OKGE | EES | 320              | 1/8/2008             | 1/8/2009            |                     |                    | \$ -                                  | \$ 3,264,000             | \$ -                 | \$ -                       |
| *Not evaluated simultaneously with reservation 974689 in study cases. |             |      |     |                  |                      |                     |                     |                    |                                       |                          |                      |                            |
|   |             |      |     |                  |                      |                     |                     |                    | \$ -                                  | \$ 3,264,000             | \$ -                 | \$ -                       |

| Reservation | Upgrade Name | COD | EOC | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|--------------|-----|-----|----------------------|------------------|----------------------------|
| 974688      |              |     |     | \$ -                 | \$ -             | \$ -                       |
| Total       |              |     |     | \$ -                 | \$ -             | \$ -                       |

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

| Reservation | Upgrade Name                       | COD      | EOC      |
|-------------|------------------------------------|----------|----------|
| 974688      | BONANZA - HACKETT AECC 161KV CKT 1 | 6/1/2015 | 6/1/2015 |

Customer Study Number  
SHDY AG2-2005-057

| 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 |
|---|-------------|------|------|------------------|----------------------|---------------------|---------------------|--------------------|---------------------------------------|--------------------------|----------------------|----------------------------|
| SHDY  | 974689      | OKGE | CSWS | 320              | 1/8/2008             | 1/8/2009            |                     |                    | \$ -                                  | \$ 4,032,000             | \$ 153,693           | \$ -                       |
| *Not evaluated simultaneously with reservation 974688 in study cases. |             |      |      |                  |                      |                     |                     |                    |                                       |                          |                      |                            |
|   |             |      |      |                  |                      |                     |                     |                    | \$ -                                  | \$ 4,032,000             | \$ 153,693           | \$ 212,001                 |

| Reservation | Upgrade Name                                  | COD       | EOC      | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|---|-----------|----------|----------------------|------------------|----------------------------|
| 974689      | EAST CENTRAL HENRYETTA - OKMULGEE 138KV CKT 1 | 12/1/2006 | 1/1/2007 | \$ 86,452            | \$ 108,000       | \$ 121,654                 |
|             | EAST CENTRAL HENRYETTA - WEELETKA 138KV CKT 1 | 6/1/2007  | 6/1/2007 | \$ 67,241            | \$ 84,000        | \$ 90,347                  |
| Total       |   |           |          | \$ 153,693           | \$ 192,000       | \$ 212,001                 |

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

| Reservation | Upgrade Name                                 | COD      | EOC      |
|-------------|--|----------|----------|
| 974689      | 3JNSBRO 115 - DANVILLE 115 (LPL) 115KV CKT 1 | 6/1/2010 | 6/1/2010 |
|             | BONANZA - HACKETT AECC 161KV CKT 1           | 6/1/2015 | 6/1/2015 |

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

Customer Study Number  
SPSM AG2-2005-053

| 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     | 974790      | CSWS | SPS | 50               | 1/1/2007             | 1/1/2012            |                     |                    | \$ 2,014,646                          | \$ 4,800,000             | \$ 2,014,646         |                            |
| SPSM     | 974791      | CSWS | SPS | 50               | 1/1/2007             | 1/1/2012            |                     |                    | \$ 2,014,646                          | \$ 4,800,000             | \$ 2,014,646         |                            |
| SPSM     | 974793      | CSWS | SPS | 50               | 1/1/2007             | 1/1/2012            |                     |                    | \$ 2,014,646                          | \$ 4,800,000             | \$ 2,014,646         |                            |
| SPSM     | 974797      | CSWS | SPS | 50               | 1/1/2007             | 1/1/2012            |                     |                    | \$ 2,014,646                          | \$ 4,800,000             | \$ 2,014,646         |                            |
|          |             |      |     |                  |                      |                     |                     |                    | <b>\$ 8,058,584</b>                   | <b>\$ 19,200,000</b>     | <b>\$ 8,058,584</b>  | <b>\$ 12,542,285</b>       |

| Reservation | Upgrade Name   | COD          | EOC      | Allocated E & C Cost | Total E & C Cost      | Total Revenue Requirements |
|-------------|--|--------------|----------|----------------------|-----------------------|----------------------------|
| 974790      | ALTUS JCT TAP - RUSSELL 138KV CKT 1 WFEC               | 6/1/2010     | 6/1/2010 | \$ 62,500            | \$ 250,000            | \$ 70,314                  |
|             | CACHE - SNYDER 138KV CKT 1                             | 6/1/2008     | 6/1/2008 | \$ 5,574             | \$ 85,000             | \$ 8,044                   |
|             | EAST CENTRAL HENRYETTA - OKMULGEE 138KV CKT 1          | 12/1/2006    | 1/1/2007 | \$ 5,387             | \$ 108,000            | \$ 8,230                   |
|             | EAST CENTRAL HENRYETTA - WEELETKA 138KV CKT 1          | 6/1/2007     | 6/1/2007 | \$ 4,190             | \$ 84,000             | \$ 6,112                   |
|             | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW | 6/1/2010     | 6/1/2010 | \$ 160,161           | \$ 1,000,000          | \$ 238,799                 |
|             | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE | 6/1/2010     | 6/1/2010 | \$ 64,064            | \$ 400,000            | \$ 106,613                 |
|             | Mooreland - Potter 345 kV SPS                          | 5/1/2010     | 5/1/2010 | \$ 424,262           | \$ 61,850,000         | \$ 667,618                 |
|             | Mooreland - Potter 345 kV WFEC                         | 5/1/2010     | 5/1/2010 | \$ 17,149            | \$ 2,500,000          | \$ 29,230                  |
|             | Potter - Tolk 345KV                                    | 5/1/2010     | 5/1/2010 | \$ 1,271,359         | \$ 36,377,173         | \$ 2,000,610               |
|             |  | <b>Total</b> |          | <b>\$ 2,014,646</b>  | <b>\$ 102,654,173</b> | <b>\$ 3,135,571</b>        |
| 974791      | ALTUS JCT TAP - RUSSELL 138KV CKT 1 WFEC               | 6/1/2010     | 6/1/2010 | \$ 62,500            | \$ 250,000            | \$ 70,314                  |
|             | CACHE - SNYDER 138KV CKT 1                             | 6/1/2008     | 6/1/2008 | \$ 5,574             | \$ 85,000             | \$ 8,044                   |
|             | EAST CENTRAL HENRYETTA - OKMULGEE 138KV CKT 1          | 12/1/2006    | 1/1/2007 | \$ 5,387             | \$ 108,000            | \$ 8,230                   |
|             | EAST CENTRAL HENRYETTA - WEELETKA 138KV CKT 1          | 6/1/2007     | 6/1/2007 | \$ 4,190             | \$ 84,000             | \$ 6,112                   |
|             | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW | 6/1/2010     | 6/1/2010 | \$ 160,161           | \$ 1,000,000          | \$ 238,799                 |
|             | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE | 6/1/2010     | 6/1/2010 | \$ 64,064            | \$ 400,000            | \$ 106,613                 |
|             | Mooreland - Potter 345 kV SPS                          | 5/1/2010     | 5/1/2010 | \$ 424,262           | \$ 61,850,000         | \$ 667,618                 |
|             | Mooreland - Potter 345 kV WFEC                         | 5/1/2010     | 5/1/2010 | \$ 17,149            | \$ 2,500,000          | \$ 29,230                  |
|             | Potter - Tolk 345KV                                    | 5/1/2010     | 5/1/2010 | \$ 1,271,359         | \$ 36,377,173         | \$ 2,000,610               |
|             |  | <b>Total</b> |          | <b>\$ 2,014,646</b>  | <b>\$ 102,654,173</b> | <b>\$ 3,135,571</b>        |
| 974793      | ALTUS JCT TAP - RUSSELL 138KV CKT 1 WFEC               | 6/1/2010     | 6/1/2010 | \$ 62,500            | \$ 250,000            | \$ 70,314                  |
|             | CACHE - SNYDER 138KV CKT 1                             | 6/1/2008     | 6/1/2008 | \$ 5,574             | \$ 85,000             | \$ 8,044                   |
|             | EAST CENTRAL HENRYETTA - OKMULGEE 138KV CKT 1          | 12/1/2006    | 1/1/2007 | \$ 5,387             | \$ 108,000            | \$ 8,230                   |
|             | EAST CENTRAL HENRYETTA - WEELETKA 138KV CKT 1          | 6/1/2007     | 6/1/2007 | \$ 4,190             | \$ 84,000             | \$ 6,112                   |
|             | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW | 6/1/2010     | 6/1/2010 | \$ 160,161           | \$ 1,000,000          | \$ 238,799                 |
|             | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE | 6/1/2010     | 6/1/2010 | \$ 64,064            | \$ 400,000            | \$ 106,613                 |
|             | Mooreland - Potter 345 kV SPS                          | 5/1/2010     | 5/1/2010 | \$ 424,262           | \$ 61,850,000         | \$ 667,618                 |
|             | Mooreland - Potter 345 kV WFEC                         | 5/1/2010     | 5/1/2010 | \$ 17,149            | \$ 2,500,000          | \$ 29,230                  |
|             | Potter - Tolk 345KV                                    | 5/1/2010     | 5/1/2010 | \$ 1,271,359         | \$ 36,377,173         | \$ 2,000,610               |
|             |  | <b>Total</b> |          | <b>\$ 2,014,646</b>  | <b>\$ 102,654,173</b> | <b>\$ 3,135,571</b>        |
| 974797      | ALTUS JCT TAP - RUSSELL 138KV CKT 1 WFEC               | 6/1/2010     | 6/1/2010 | \$ 62,500            | \$ 250,000            | \$ 70,314                  |
|             | CACHE - SNYDER 138KV CKT 1                             | 6/1/2008     | 6/1/2008 | \$ 5,574             | \$ 85,000             | \$ 8,044                   |
|             | EAST CENTRAL HENRYETTA - OKMULGEE 138KV CKT 1          | 12/1/2006    | 1/1/2007 | \$ 5,387             | \$ 108,000            | \$ 8,230                   |
|             | EAST CENTRAL HENRYETTA - WEELETKA 138KV CKT 1          | 6/1/2007     | 6/1/2007 | \$ 4,190             | \$ 84,000             | \$ 6,112                   |
|             | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW | 6/1/2010     | 6/1/2010 | \$ 160,161           | \$ 1,000,000          | \$ 238,799                 |
|             | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE | 6/1/2010     | 6/1/2010 | \$ 64,064            | \$ 400,000            | \$ 106,613                 |
|             | Mooreland - Potter 345 kV SPS                          | 5/1/2010     | 5/1/2010 | \$ 424,262           | \$ 61,850,000         | \$ 667,618                 |
|             | Mooreland - Potter 345 kV WFEC                         | 5/1/2010     | 5/1/2010 | \$ 17,149            | \$ 2,500,000          | \$ 29,230                  |
|             | Potter - Tolk 345KV                                    | 5/1/2010     | 5/1/2010 | \$ 1,271,359         | \$ 36,377,173         | \$ 2,000,610               |
|             |  | <b>Total</b> |          | <b>\$ 2,014,646</b>  | <b>\$ 102,654,173</b> | <b>\$ 3,135,571</b>        |

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      |
|-------------|---|----------|----------|
| 974791      | BEELINE - EXPLORER GLENPOOL 138KV CKT 1 | 6/1/2010 | 6/1/2010 |
| 974790      | BEELINE - EXPLORER GLENPOOL 138KV CKT 1 | 6/1/2010 | 6/1/2010 |
| 974793      | BEELINE - EXPLORER GLENPOOL 138KV CKT 1 | 6/1/2010 | 6/1/2010 |
| 974797      | BEELINE - EXPLORER GLENPOOL 138KV CKT 1 | 6/1/2010 | 6/1/2010 |

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

| Reservation | Upgrade Name                                 | COD      | EOC      |
|-------------|--|----------|----------|
| 974790      | Snyder - Altus Jct 138KV                     | 6/1/2006 | 6/1/2008 |
|             | TUCO INTERCHANGE 230/115KV TRANSFORMER CKT 1 | 6/1/2008 | 6/1/2008 |
|             | TUCO INTERCHANGE 230KV                       | 6/1/2008 | 6/1/2008 |
| 974791      | Snyder - Altus Jct 138KV                     | 6/1/2006 | 6/1/2008 |
|             | TUCO INTERCHANGE 230/115KV TRANSFORMER CKT 1 | 6/1/2008 | 6/1/2008 |
|             | TUCO INTERCHANGE 230KV                       | 6/1/2008 | 6/1/2008 |
| 974793      | Snyder - Altus Jct 138KV                     | 6/1/2006 | 6/1/2008 |
|             | TUCO INTERCHANGE 230/115KV TRANSFORMER CKT 1 | 6/1/2008 | 6/1/2008 |
|             | TUCO INTERCHANGE 230KV                       | 6/1/2008 | 6/1/2008 |
| 974797      | Snyder - Altus Jct 138KV                     | 6/1/2006 | 6/1/2008 |
|             | TUCO INTERCHANGE 230/115KV TRANSFORMER CKT 1 | 6/1/2008 | 6/1/2008 |
|             | TUCO INTERCHANGE 230KV                       | 6/1/2008 | 6/1/2008 |



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

Customer Study Number  
UCU AG2-2005-004D

| 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      | 897453      | CSWS | MPS | 130              | 6/1/2007             | 6/1/2011            | 10/1/2007           | 10/1/2011          | \$ -                                  | \$ 10,052,640            | \$ 4,250,729         | \$ -                       |
|          |             |      |     |                  |                      |                     |                     |                    | \$ -                                  | \$ 10,052,640            | \$ 4,250,729         | \$ 7,069,241               |

| Reservation | Upgrade Name                                     | COD      | EOC      | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|--|----------|----------|----------------------|------------------|----------------------------|
| 897453      | BUCYRUS - STILWELL 161KV CKT 1                   | 6/1/2010 | 6/1/2010 | \$ 4,415             | \$ 9,000         | \$ 8,147                   |
|             | MARTIN CITY - TURNER ROAD SUBSTATION 161KV CKT 1 | 6/1/2006 | 4/1/2008 | \$ 2,496,314         | \$ 4,244,500     | \$ 4,456,992               |
|             | WHITNEY 138/69/12.5KV TRANSFORMER                | 6/1/2007 | 4/1/2008 | \$ 1,750,000         | \$ 1,750,000     | \$ 2,604,103               |
| Total       |  |          |          | \$ 4,250,729         | \$ 6,003,500     | \$ 7,069,241               |

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       |
|-------------|--|----------|-----------|
| 897453      | ANACONDA - FREEMAN 69KV CKT 1            | 6/1/2006 | 4/1/2008  |
|             | ANACONDA - HARRISONVILLE WEST 69KV CKT 1 | 6/1/2006 | 10/1/2007 |
|             | JEC - Swissvale 345KV                    | 6/1/2011 | 6/1/2011  |

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

| Reservation | Upgrade Name                          | COD      | EOC      |
|-------------|---------------------------------------|----------|----------|
| 897453      | APRIL - WALDEN 138KV CKT 1            | 6/1/2015 | 6/1/2015 |
|             | ROCK HILL - TATUM 138KV CKT 1         | 6/1/2015 | 6/1/2015 |
|             | LINE 558 TAP - MT. ZION 138KV CKT 1   | 6/1/2013 | 6/1/2013 |
|             | CHEROKEE REC - KNOX LEE 138KV CKT 1   | 6/1/2015 | 6/1/2015 |
|             | HUNTSVILLE - LINE 558 TAP 138KV CKT 1 | 6/1/2015 | 6/1/2015 |
|             | GRIMES - WALDEN 138KV CKT 1           | 6/1/2013 | 6/1/2013 |
|             | GRMXF 345 345/138KV TRANSFORMER CKT 1 | 6/1/2013 | 6/1/2013 |
|             | GRMXF 345 345/138KV TRANSFORMER CKT 2 | 6/1/2013 | 6/1/2013 |

Customer Study Number  
UCU AG2-2005-078D

| 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      | 977013      | WPEK | MPS | 20               | 7/1/2006             | 7/1/2012            | 10/1/2006           | 10/1/2012          | \$ 360,000                            | \$ 2,319,840             | \$ 1,539,941         | \$ -                       |
| UCU      | 977014      | WPEK | MPS | 20               | 7/1/2006             | 10/1/2006           | 10/1/2017           | 10/1/2017          | \$ -                                  | \$ 4,253,040             | \$ 1,539,941         | \$ -                       |
|          |             |      |     |                  |                      |                     |                     |                    | \$ 360,000                            | \$ 6,572,880             | \$ 3,079,882         | \$ 5,719,051               |

| Reservation   | Upgrade Name  | COD      | EOC       | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|---|---|----------|-----------|----------------------|------------------|----------------------------|
| 977013  | Mooreland - Potter 345 kV SPS                             | 5/1/2010 | 5/1/2010  | \$ 270,420           | \$ 61,850,000    | \$ 433,600                 |
|   | Mooreland - Potter 345 kV WFEC                            | 5/1/2010 | 5/1/2010  | \$ 10,930            | \$ 2,500,000     | \$ 18,815                  |
|   | Mooreland 345/138 kV Transformer                          | 5/1/2010 | 5/1/2010  | \$ 307,359           | \$ 5,000,000     | \$ 492,830                 |
|   | Potter - Tolk 345KV                                       | 5/1/2010 | 5/1/2010  | \$ 207,049           | \$ 36,377,173    | \$ 331,989                 |
|   | Spearville - Mooreland 345 kV WFEC                        | 5/1/2010 | 5/1/2010  | \$ 628,632           | \$ 21,000,000    | \$ 1,082,152               |
|   | WEST GARDNER (WGARD 11) 345/161/13.8KV TRANSFORMER CKT 11 | 6/1/2006 | 10/1/2007 | \$ 115,551           | \$ 3,000,000     | \$ 277,557                 |
| *Not evaluated simultaneously with reservation 977014 in study cases. |   |          |           | Total                | \$ 1,539,941     | \$ 129,727,173             |
| 977014  | Mooreland - Potter 345 kV SPS                             | 5/1/2010 | 5/1/2010  | \$ 270,420           | \$ 61,850,000    | \$ 528,169                 |
|   | Mooreland - Potter 345 kV WFEC                            | 5/1/2010 | 5/1/2010  | \$ 10,930            | \$ 2,500,000     | \$ 20,819                  |
|   | Mooreland 345/138 kV Transformer                          | 5/1/2010 | 5/1/2010  | \$ 307,359           | \$ 5,000,000     | \$ 600,316                 |
|   | Potter - Tolk 345KV                                       | 5/1/2010 | 5/1/2010  | \$ 207,049           | \$ 36,377,173    | \$ 404,396                 |
|   | Spearville - Mooreland 345 kV WFEC                        | 5/1/2010 | 5/1/2010  | \$ 628,632           | \$ 21,000,000    | \$ 1,197,410               |
|   | WEST GARDNER (WGARD 11) 345/161/13.8KV TRANSFORMER CKT 11 | 6/1/2006 | 10/1/2007 | \$ 115,551           | \$ 3,000,000     | \$ 330,996                 |
| *Not evaluated simultaneously with reservation 977013 in study cases. |   |          |           | Total                | \$ 1,539,941     | \$ 129,727,173             |

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      |
|-------------|----------------------------------|----------|----------|
| 977013      | AVONDALE - GLADSTONE 161KV CKT 1 | 6/1/2011 | 6/1/2011 |
|             | JEC - Swissvale 345KV            | 6/1/2011 | 6/1/2011 |
| 977014      | AVONDALE - GLADSTONE 161KV CKT 1 | 6/1/2011 | 6/1/2011 |
|             | JEC - Swissvale 345KV            | 6/1/2011 | 6/1/2011 |

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

| Reservation | Upgrade Name                | COD      | EOC      |
|-------------|-----------------------------|----------|----------|
| 977013      | TUCO INTERCHANGE 230KV      | 6/1/2008 | 6/1/2008 |
| 977014      | LACYGNE - PAOLA 345KV CKT 1 | 6/1/2015 | 6/1/2006 |
|             | TUCO INTERCHANGE 230KV      | 6/1/2008 | 6/1/2008 |

Third Party Limitations

| Reservation | Upgrade Name                       | COD      | EOC      | Allocated E & C Cost | Total E & C Cost |
|-------------|------------------------------------|----------|----------|----------------------|------------------|
| 977013      | Spearville - Mooreland 345 kV SUNC | 5/1/2010 | 5/1/2010 | \$ 927,981           | \$ 31,000,000    |
| Total       |                                    |          |          | \$ 927,981           | \$ 31,000,000    |

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

|        |                                    |          |          |    |                |    |                   |
|--------|------------------------------------|----------|----------|----|----------------|----|-------------------|
| 977014 | Spearville - Mooreland 345 kV SUNC | 5/1/2010 | 5/1/2010 | \$ | 927,981        | \$ | 31,000,000        |
|        |                                    |          | Total    | \$ | <b>927,981</b> | \$ | <b>31,000,000</b> |

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

Customer Study Number  
UCU AG2-2005-079D

| 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      | 977015      | WPEK | MPS | 40               | 7/1/2006             | 7/1/2012            | 10/1/2007           | 10/1/2013          | \$ 720,000                            | \$ 4,639,680             | \$ 3,794,334         | \$ -                       |
| UCU      | 977018      | WPEK | MPS | 40               | 7/1/2006             | 10/1/2007           | 10/1/2007           | 10/1/2018          | \$ -                                  | \$ 8,506,080             | \$ 3,794,334         | \$ -                       |
|          |             |      |     |                  |                      |                     |                     |                    | <b>\$ 720,000</b>                     | <b>\$ 13,145,760</b>     | <b>\$ 7,588,668</b>  | <b>\$ 14,963,546</b>       |

| Reservation   | Upgrade Name                                     | COD      | EOC      | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|---|--|----------|----------|----------------------|------------------|----------------------------|
| 977015  | BUCYRUS - STILWELL 161KV CKT 1                   | 6/1/2010 | 6/1/2010 | \$ 1,222             | \$ 9,000         | \$ 2,428                   |
|   | MARTIN CITY - TURNER ROAD SUBSTATION 161KV CKT 1 | 6/1/2006 | 4/1/2008 | \$ 874,093           | \$ 4,244,500     | \$ 1,691,234               |
|   | Mooreland - Potter 345 kV SPS                    | 5/1/2010 | 5/1/2010 | \$ 520,361           | \$ 61,850,000    | \$ 913,230                 |
|   | Mooreland - Potter 345 kV WFEC                   | 5/1/2010 | 5/1/2010 | \$ 21,033            | \$ 2,500,000     | \$ 37,801                  |
|   | Mooreland 345/138 kV Transformer                 | 5/1/2010 | 5/1/2010 | \$ 640,363           | \$ 5,000,000     | \$ 1,123,833               |
|   | Potter - Toik 345KV                              | 5/1/2010 | 5/1/2010 | \$ 436,708           | \$ 36,377,173    | \$ 766,420                 |
|   | Spearville - Mooreland 345 kV WFEC               | 5/1/2010 | 5/1/2010 | \$ 1,300,554         | \$ 21,000,000    | \$ 2,337,398               |
| *Not evaluated simultaneously with reservation 977018 in study cases. |  |          |          | Total                | \$ 3,794,334     | \$ 130,980,673             |
| 977018  | BUCYRUS - STILWELL 161KV CKT 1                   | 6/1/2010 | 6/1/2010 | \$ 1,222             | \$ 9,000         | \$ 2,896                   |
|   | MARTIN CITY - TURNER ROAD SUBSTATION 161KV CKT 1 | 6/1/2006 | 4/1/2008 | \$ 874,093           | \$ 4,244,500     | \$ 2,045,203               |
|   | Mooreland - Potter 345 kV SPS                    | 5/1/2010 | 5/1/2010 | \$ 520,361           | \$ 61,850,000    | \$ 1,112,406               |
|   | Mooreland - Potter 345 kV WFEC                   | 5/1/2010 | 5/1/2010 | \$ 21,033            | \$ 2,500,000     | \$ 41,827                  |
|   | Mooreland 345/138 kV Transformer                 | 5/1/2010 | 5/1/2010 | \$ 640,363           | \$ 5,000,000     | \$ 1,368,942               |
|   | Potter - Toik 345KV                              | 5/1/2010 | 5/1/2010 | \$ 436,708           | \$ 36,377,173    | \$ 933,576                 |
|   | Spearville - Mooreland 345 kV WFEC               | 5/1/2010 | 5/1/2010 | \$ 1,300,554         | \$ 21,000,000    | \$ 2,586,351               |
| *Not evaluated simultaneously with reservation 977015 in study cases. |  |          |          | Total                | \$ 3,794,334     | \$ 130,980,673             |

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       |
|-------------|--|----------|-----------|
| 977015      | ANACONDA - FREEMAN 69KV CKT 1            | 6/1/2006 | 4/1/2008  |
|             | ANACONDA - HARRISONVILLE WEST 69KV CKT 1 | 6/1/2006 | 10/1/2007 |
|             | JEC - Swissvale 345KV                    | 6/1/2011 | 6/1/2011  |
| 977018      | ANACONDA - FREEMAN 69KV CKT 1            | 6/1/2006 | 4/1/2008  |
|             | ANACONDA - HARRISONVILLE WEST 69KV CKT 1 | 6/1/2006 | 10/1/2007 |
|             | JEC - Swissvale 345KV                    | 6/1/2011 | 6/1/2011  |

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

| Reservation | Upgrade Name                | COD      | EOC      |
|-------------|-----------------------------|----------|----------|
| 977015      | TUCO INTERCHANGE 230KV      | 6/1/2008 | 6/1/2008 |
| 977018      | LACYGNE - PAOLA 345KV CKT 1 | 6/1/2015 | 6/1/2006 |
|             | TUCO INTERCHANGE 230KV      | 6/1/2008 | 6/1/2008 |

Third Party Limitations

| Reservation | Upgrade Name                       | COD      | EOC      | Allocated E & C Cost | Total E & C Cost |
|-------------|------------------------------------|----------|----------|----------------------|------------------|
| 977015      | Spearville - Mooreland 345 kV SUNC | 5/1/2010 | 5/1/2010 | \$ 1,919,866         | \$ 31,000,000    |
|             |                                    |          |          | \$ 1,919,866         | \$ 31,000,000    |
| 977018      | Spearville - Mooreland 345 kV SUNC | 5/1/2010 | 5/1/2010 | \$ 1,919,866         | \$ 31,000,000    |
|             |                                    |          |          | \$ 1,919,866         | \$ 31,000,000    |
| Total       |                                    |          |          | \$ 1,919,866         | \$ 31,000,000    |

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

Customer Study Number  
WFEC AG2-2005-062

| 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 |
|----------|-------------|------|------|------------------|----------------------|---------------------|---------------------|--------------------|---------------------------------------|--------------------------|----------------------|----------------------------|
| WFEC     | 971951      | WFEC | WFEC | 250              | 5/1/2010             | 5/1/2035            |                     |                    | \$ 17,100,000                         | \$ -                     | \$ 21,320,056        | \$ -                       |
|          |             |      |      |                  |                      |                     |                     |                    | <b>\$ 17,100,000</b>                  | <b>\$ -</b>              | <b>\$ 21,320,056</b> | <b>\$ 67,848,422</b>       |

| Reservation  | Upgrade Name                            | COD       | EOC       | Allocated E & C Cost | Total E & C Cost      | Total Revenue Requirements |
|--------------|---|-----------|-----------|----------------------|-----------------------|----------------------------|
| 971951       | BROWN - EXPLORER TAP 138KV CKT 1        | 6/1/2008  | 6/1/2008  | \$ 24,416            | \$ 25,000             | \$ 112,548                 |
|              | BROWN - RUSSETT 138KV CKT 1 WFEC        | 12/1/2010 | 12/1/2010 | \$ 100,000           | \$ 100,000            | \$ 274,961                 |
|              | GLASSES - RUSSETT 138KV CKT 1           | 6/1/2014  | 6/1/2014  | \$ 10,000            | \$ 10,000             | \$ 31,704                  |
|              | HUGO POWER PLANT - VALLIANT 345 KV AEPW | 6/1/2009  | 6/1/2009  | \$ 2,500,000         | \$ 2,500,000          | \$ 11,047,376              |
|              | HUGO POWER PLANT - VALLIANT 345 KV WFEC | 6/1/2009  | 6/1/2009  | \$ 16,000,000        | \$ 16,000,000         | \$ 45,822,160              |
|              | Mooreland - Potter 345 kV SPS           | 5/1/2010  | 5/1/2010  | \$ 1,309,295         | \$ 61,850,000         | \$ 5,650,305               |
|              | Mooreland - Potter 345 kV WFEC          | 5/1/2010  | 5/1/2010  | \$ 52,922            | \$ 2,500,000          | \$ 153,054                 |
|              | Mooreland 345/138 kV Transformer        | 5/1/2010  | 5/1/2010  | \$ 299,802           | \$ 5,000,000          | \$ 1,293,805               |
|              | Potter - Toik 345KV                     | 5/1/2010  | 5/1/2010  | \$ 352,750           | \$ 36,377,173         | \$ 1,522,304               |
|              | Spearville - Mooreland 345 kV WFEC      | 5/1/2010  | 5/1/2010  | \$ 670,871           | \$ 21,000,000         | \$ 1,940,205               |
| <b>Total</b> |   |           |           | <b>\$ 21,320,056</b> | <b>\$ 145,362,173</b> | <b>\$ 67,848,422</b>       |

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      |
|-------------|---|----------|----------|
| 971951      | CLARKSVILLE - MUSKOGEE 345KV CKT 1 AEPW | 6/1/2015 | 6/1/2015 |
|             | CLARKSVILLE - MUSKOGEE 345KV CKT 1 OKGE | 6/1/2015 | 6/1/2015 |
|             | Marietta Switch Capacitor               | 6/1/2010 | 6/1/2010 |
|             | Pink Switch 138 KV Capacitor            | 6/1/2010 | 6/1/2010 |

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

| Reservation | Upgrade Name                      | COD      | EOC       |
|-------------|-----------------------------------|----------|-----------|
| 971951      | CHICKASAW & CANEY CREEK CAPACITOR | 6/1/2015 | 10/1/2006 |
|             | CHICKASAW & CANEY CREEK CAPACITOR | 6/1/2010 | 10/1/2006 |
|             | TUCO INTERCHANGE 230KV            | 6/1/2008 | 6/1/2008  |

Third Party Limitations

| Reservation  | Upgrade Name                       | COD      | EOC      | Allocated E & C Cost | Total E & C Cost     |
|--------------|------------------------------------|----------|----------|----------------------|----------------------|
| 971951       | Spearville - Mooreland 345 kV SUNC | 5/1/2010 | 5/1/2010 | \$ 990,333           | \$ 31,000,000        |
| <b>Total</b> |                                    |          |          | <b>\$ 990,333</b>    | <b>\$ 31,000,000</b> |

Customer Study Number  
WRGS AG2-2005-032D

| 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     | 974561      | OKGE | WR  | 300              | 1/1/2006             | 1/1/2021            | 10/1/2010           | 10/1/2025          | \$ 35,726,374                         | \$ -                     | \$ 35,726,374        | \$ -                       |
|          |             |      |     |                  |                      |                     |                     |                    | <b>\$ 35,726,374</b>                  | <b>\$ -</b>              | <b>\$ 35,726,374</b> | <b>\$ 149,567,067</b>      |

| Reservation  | Upgrade Name                   | COD      | EOC       | Allocated E & C Cost | Total E & C Cost     | Total Revenue Requirements |
|--------------|--------------------------------|----------|-----------|----------------------|----------------------|----------------------------|
| 974561       | BUCYRUS - STILWELL 161KV CKT 1 | 6/1/2010 | 6/1/2010  | \$ 1,735             | \$ 9,000             | \$ 5,950                   |
|              | Wichita - Reno Co 345KV        | 4/1/2006 | 10/1/2010 | \$ 35,724,639        | \$ 42,009,000        | \$ 149,561,116             |
| <b>Total</b> |                                |          |           | <b>\$ 35,726,374</b> | <b>\$ 42,009,000</b> | <b>\$ 149,567,067</b>      |

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      |
|-------------|---|----------|----------|
| 974561      | CLARKSVILLE - MUSKOGEE 345KV CKT 1 AEPW                     | 6/1/2015 | 6/1/2015 |
|             | CLARKSVILLE - MUSKOGEE 345KV CKT 1 OKGE                     | 6/1/2015 | 6/1/2015 |
|             | HALSTEAD SOUTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1 | 6/1/2013 | 6/1/2013 |
|             | JEC - Swissvale 345KV                                       | 6/1/2011 | 6/1/2011 |

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

| Reservation | Upgrade Name                | COD      | EOC      |
|-------------|-----------------------------|----------|----------|
| 974561      | LACYGNE - PAOLA 345KV CKT 1 | 6/1/2015 | 6/1/2006 |
|             | TUCO INTERCHANGE 230KV      | 6/1/2008 | 6/1/2008 |

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

| Transmission 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 |
|--------------------|--|--|------------------------------|---------------------------------|--------------------------------------|--|---|
| AEPW               | ALTUS JUNCTION 69KV Capacitor                                    | Add 9.6 MVAR Capacitor   | 14                           | 15SP                            | 06/01/15                             | 06/01/15                                   | \$500,000                                 |
| AEPW               | CACHE - SNYDER 138KV CKT 1                                       | Replace Snyder wavetrap  | 0                            | 10SP                            | 06/01/08                             | 06/01/08                                   | \$85,000                                  |
| AEPW               | EAST CENTRAL HENRYETTA - OKMULGEE 138KV CKT 1                    | Replace Okmulgee Wavetrap  | 0                            | 15SP                            | 12/01/06                             | 01/01/07                                   | \$108,000                                 |
| AEPW               | EAST CENTRAL HENRYETTA - WELEETKA 138KV CKT 1                    | Replace Weleetka Wavetrap  | 0                            | 07SP                            | 06/01/07                             | 06/01/07                                   | \$84,000                                  |
| AEPW               | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 AEPW           | Reconductor 1.9 miles with ACCC. Replace wave trap jumpers at Riverside.   | 322                          | 10SP                            | 06/01/10                             | 06/01/10                                   | \$1,000,000                               |
| AEPW               | HUGO POWER PLANT - VALLIANT 345 KV AEPW                          | Valliant 345 KV line terminal  | 155                          | 10WP                            | 06/01/09                             | 06/01/09                                   | \$2,500,000                               |
| AEPW               | WHITNEY 138/69/12.5KV TRANSFORMER                                | Move load from 69 kv to 138 kv   | 0                            | 10SP                            | 06/01/07                             | 04/01/08                                   | \$1,750,000                               |
| EMDE               | Nichols St. Sub Bus - Nichols St. Sub 69KV                       | New connection between EDE Nichols St. Sub Bus # 59542 and Springfield City Utilities Nichols St. Sub #59925   | 72                           | 15SP                            | 06/01/13                             | 06/01/13                                   | \$1,000,000                               |
| EMDE               | SUB 110 - ORONOJO JCT. - SUB 167 - RIVERTON 161KV CKT 1          | Reconductor Oronogo 59467 to Riverton 59469 with Bundled 556 ACSR  | 0                            | 15SP                            | 06/01/15                             | 06/01/15                                   | \$5,400,000                               |
| EMDE               | SUB 110 - ORONOJO JCT. (ORONOJO) 161/69/12.5KV TRANSFORMER CKT 1 | Install new 161/12 kV 22.4 transmer and take load off 69 kv system   | 0                            | 15SP                            | 06/01/13                             | 06/01/13                                   | \$2,000,000                               |
| GRDA               | AFTON (AFTAUTO1) 161/69/13.8KV TRANSFORMER CKT 1                 | Replace 50 MVA Transformer with 84 MVA unit.   | 0                            | 10WP                            | 12/01/10                             | 12/01/10                                   | \$890,000                                 |
| KACP               | BUCYRUS - STILWELL 161KV CKT 1                                   | Rebuild Bucyrus line terminal so transmission line rating can be increased to conductor limits.  | 0                            | 15SP                            | 06/01/10                             | 06/01/10                                   | \$9,000                                   |
| KACP               | WEST GARDNER (WGARD 11) 345/161/13.8KV TRANSFORMER CKT 11        | Replace existing transformer with larger one   | 26                           | 06SH                            | 06/01/06                             | 10/01/07                                   | \$3,000,000                               |
| MIPU               | MARTIN CITY - TURNER ROAD SUBSTATION 161KV CKT 1                 | Upgrade to bundled 795 26/7 ACSR conductor   | 19                           | 06FA                            | 06/01/06                             | 04/01/08                                   | \$4,244,500                               |
| OKGE               | BROWN - EXPLORER TAP 138KV CKT 1                                 | Upgrade CT to 800A at Brown.   | 0                            | 15SP                            | 06/01/08                             | 06/01/08                                   | \$25,000                                  |
| OKGE               | EXPLORER GLENPOOL - RIVERSIDE STATION 138KV CKT 1 OKGE           | Reconductor 1.82 miles line with Drake ACCC/TW.  | 322                          | 10SP                            | 06/01/10                             | 06/01/10                                   | \$400,000                                 |
| OKGE               | GLASSES - RUSSETT 138KV CKT 1                                    | There is the possibility that the CTR could be increased at Russett. Relays will have to be verified.  | 159                          | 15SP                            | 06/01/14                             | 06/01/14                                   | \$10,000                                  |
| SPS                | LEA COUNTY INTERCHANGE 230KV CAPACITORS*                         | Install 2 - 50 MVar capacitor banks on the 230 kv bus at Lea County Interchange  | 0                            | 10WP                            | 12/01/10                             | 12/01/10                                   | \$1,381,023                               |
| SPS                | Mooreland - Potter 345 kv SPS                                    | New 345 kv line from Potter to Mooreland on wooden h-frame structures.   | 0                            | 07SP                            | 05/01/10                             | 05/01/10                                   | \$61,850,000                              |
| SPS                | Mooreland 345/138 kv Transformer                                 | New Mooreland 345/138 kv Transformer   | 0                            | 07SP                            | 05/01/10                             | 05/01/10                                   | \$5,000,000                               |
| SPS                | Potter - Tolk 345KV  | New 345 kv circuit from Potter - Tolk using 2-795 ACSR on wooden h-frame structures.   | 0                            | 07SP                            | 05/01/10                             | 05/01/10                                   | \$36,377,173                              |
| SPS                | SPS MUST RUN GENERATION #1*                                      | Must Run Requirement of Cunningham #2 and Maddox #1 to prevent Voltage Collapse in Winter Peaks for the Tolk to Eddy 345 kv line outage  | 0                            | 10WP                            | 12/01/06                             | 12/01/06                                   | Indeterminate                             |
| SPS                | SPS MUST RUN GENERATION #2*                                      | Must Run Requirement to prevent Voltage Collapse in 2015 Winter Peak until determined not needed of Cunningham #2 and #3 or #4 and Maddox #1 for the Tolk to Eddy 345 kv line outage | 0                            | 10WP                            | 12/01/06                             | 12/01/06                                   | Indeterminate                             |
| WERE               | Wichita - Reno Co 345KV  | Build 345kv from Wichita to Reno Co  | 0                            | 06SH                            | 04/01/06                             | 10/01/10                                   | \$42,000,000                              |
| WFEC               | ALTUS JCT TAP - RUSSELL 138KV CKT 1 WFEC                         | Terminal Equipment Upgrade   | 0                            | 10SP                            | 06/01/10                             | 06/01/10                                   | \$250,000                                 |
| WFEC               | BROWN - RUSSETT 138KV CKT 1 WFEC                                 | Upgrade Terminal Equipment at Brown- Switches/Wavetraps  | 240                          | 10WP                            | 12/01/10                             | 12/01/10                                   | \$100,000                                 |
| WFEC               | COMANCHE - WALTERS 69KV CKT 1                                    | Reconductor 13.1 miles from 4/0 to 795 ACSR  | 0                            | 10SP                            | 06/01/08                             | 06/01/08                                   | \$3,300,000                               |
| WFEC               | HUGO POWER PLANT - VALLIANT 345 KV WFEC                          | New 345/138 kv Auto, and 19 miles 345 KV   | 155                          | 10WP                            | 06/01/09                             | 06/01/09                                   | \$16,000,000                              |
| WFEC               | Mooreland - Potter 345 kv WFEC                                   | 345 kv line Terminal   | 0                            | 07SP                            | 05/01/10                             | 05/01/10                                   | \$2,500,000                               |
| WFEC               | Spearville - Mooreland 345 kv WFEC                               | New 345 kv line from Kansas/Oklahoma Staline to Mooreland  | 0                            | 07SP                            | 05/01/10                             | 05/01/10                                   | \$21,000,000                              |

\*LEA COUNTY INTERCHANGE 230 KV CAPACITORS is an alternative to SPS MUST GENERATION #1 and #2 Requirement

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

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

| Transmission Owner | Upgrade   | Solution   | Minimum ATC per Upgrade (MW) | Season of Minimum Allocated ATC | Earliest Date Upgrade Required (COD) | Estimated Date of Upgrade Completion (EOC) |
|--------------------|---|--|------------------------------|---------------------------------|--------------------------------------|--|
| AEPW               | AEPW PLANNED UPGRADE FOR NW ARKANSAS                          | NW Project phase II scheduled to be in-service 06/2009   | 0                            | 06FA                            | 06/01/06                             | 06/01/09                                   |
| AEPW               | Snyder - Altus Jct 138KV                                      | Build new Snyder (54098) to Altus Jct (54103) 138 kV line  | 0                            | 10SP                            | 06/01/06                             | 06/01/08                                   |
| KACP               | LACYGNE - PAOLA 345KV CKT 1                                   | KCPL Plan to Reconductor line using 954 ACSS conductor   | 887                          | 15SP                            | 06/01/15                             | 06/01/06                                   |
| OKGE               | CHICKASAW & CANEY CREEK CAPACITOR                             | OGC has budgeted for 2006 30Mvar of 138kV caps at each of the following locations: Chickasaw Bus # 55171, Caney Creek Bus 55150.   | 0                            | 15SP                            | 06/01/10                             | 10/01/06                                   |
| SPS                | TUCO INTERCHANGE 230/115KV TRANSFORMER CKT 1                  | SPS Proposed Plan for SPP-2004-006.007.008.009 WTMPA to add second TUCO Interchange 230/115 kV transformer   | 330                          | 15SP                            | 06/01/08                             | 06/01/08                                   |
| SPS                | TUCO INTERCHANGE 230KV  | SPS Proposed Plan for SPP-2004-006.007.008.009 WTMPA to Add +150/-50 SVC at TUCO 230 kV, 2 50 MVAR Shunt Capacitors at TUCO 230 kV, a 50 MVAR Shunt Capacitor at Swisher 230 kV, a 50 MVAR Shunt Capacitor at Lubbock South 230 kV, and a 50 MVAR Shunt Capacitor at Carlisle 230 kV | 0                            | 07SP                            | 06/01/08                             | 06/01/08                                   |
| WEPL               | PLAINVILLE CAPACITOR  | 40MVAR at Plainville 115kV assigned in Expansion Plan  | 1                            | 07SP                            | 06/01/06                             | 06/01/07                                   |
| WERE               | 166TH STREET - JARBALO JUNCTION SWITCHING STATION 115KV CKT 1 | Tear down and rebuild 7.22 mile Jarbalo-166 115 kV line.   | 0                            | 10SP                            | 06/01/13                             | 06/01/13                                   |
| WERE               | HEC-HEC GT-Circle 115KV                                       | Rebuild and convert HEC-HEC GT-Circle loop to 115 kV.  | 0                            | 07SP                            | 06/01/07                             | 04/01/06                                   |

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

| Transmission Owner | Upgrade   | Solution   | Minimum ATC per Upgrade (MW) | Season of Minimum Allocated ATC | Earliest Date Upgrade Required (COD) | Estimated Date of Upgrade Completion (EOC) |
|--------------------|---|--|------------------------------|---------------------------------|--------------------------------------|--|
| AEPW               | BONANZA - BONANZA TAP 161KV CKT 1                                     | Rebuild 0.06 miles of 397.5 ACSR with 795MCM ACSR. Reset relay @ Bonanza   | 392                          | 15SP                            | 06/01/12                             | 06/01/12                                   |
| AEPW               | CLARKSVILLE - MUSKOGEE 345KV CKT 1 AEPW                               | Rebuild 2.54 miles with 2-795 ACSR & reset Clarksville CT. Replace Switches & Breakers @ Clarksville.  | 1226                         | 15SP                            | 06/01/15                             | 06/01/15                                   |
| AEPW               | SW SHREVEPORT - PORT ROBSON 345KV                                     | Build SW Shreveport - Port Robson 345 kV line and install 345/138 kV auto @ Port Robson.   | 0                            | 15SP                            | 06/01/11                             | 06/01/11                                   |
| AEPW               | WHITNEY (WHITNEY1) 138/69/12.47KV TRANSFORMER                         | Add Third Transformer  | 0                            | 15SP                            | 06/01/15                             | 06/01/15                                   |
| EMDE               | RIVERSIDE CAPACITOR   | Install 3 - stages of 22 MVAR each for a total of 66 MVAR capacitor bank at Riverside Sub #438 59497   | 73                           | 15SP                            | 06/01/13                             | 06/01/13                                   |
| 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                            | 10SP                            | 01/01/10                             | 06/01/09                                   |
| EMDE               | SUB 389 - JOPLIN SOUTHWEST (JOPLINSW) 161/69/12.5KV TRANSFORMER CKT 1 | Replace 75 MVA Auto-xfmr at Joplin SW with 150 MVA Auto-xfmr and install 69 kV bank breaker. Auto-xfmr will have an impedance similar to Aurora 59468, 59537, 59704. | 118                          | 15SP                            | 06/01/14                             | 06/01/14                                   |
| KACP               | AVONDALE - GLADSTONE 161KV CKT 1                                      | Replace 800 amp wavetrap at Gladstone with 1200 amp wavetrap   | 0                            | 15SP                            | 06/01/11                             | 06/01/11                                   |
| MIPU               | ANACONDA - FREEMAN 69KV CKT 1   | Conductor  | 32                           | 06FA                            | 06/01/06                             | 04/01/08                                   |
| MIPU               | ANACONDA - HARRISONVILLE WEST 69KV CKT 1                              | Conductor  | 125                          | 07SP                            | 06/01/06                             | 10/01/07                                   |
| OKGE               | BEELINE - EXPLORER GLENPOOL 138KV CKT 1                               | Reconductor .92miles of line with Drake ACCC/TW.   | 388                          | 10SP                            | 06/01/10                             | 06/01/10                                   |
| 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  | 1226                         | 15SP                            | 06/01/15                             | 06/01/15                                   |
| SPS                | BC-EARTH INTERCHANGE 115KV  | Install 1 - 14.4 MVar capacitor bank   | 75                           | 15SP                            | 06/01/15                             | 06/01/15                                   |
| SPS                | CROSBY INTERCHANGE 115/69KV TRANSFORMER CKT 1                         | Upgrade 115/69 kV transformers.  | 0                            | 15SP                            | 06/01/15                             | 06/01/15                                   |
| SPS                | CROSBY INTERCHANGE 115/69KV TRANSFORMER CKT 2                         | Upgrade 115/69 kV transformers.  | 0                            | 15SP                            | 06/01/15                             | 06/01/15                                   |
| SPS                | CURRY COUNTY INTERCHANGE - ROOSEVELT COUNTY INTERCHANGE 115KV CKT 2   | Upgrade Roosevelt to Curry 115 kV circuit w/795 ACSR   | 0                            | 15SP                            | 06/01/15                             | 06/01/15                                   |
| SPS                | MOORE COUNTY INTERCHANGE E - POTTER COUNTY INTERCHANGE 230 KV         | Add 2nd 230 kV circuit and 2nd 230/115 kV transformer at Moore. 230 kV construction using 795 ACSR.  | 0                            | 15SP                            | 06/01/15                             | 06/01/15                                   |
| SPS                | YOAKUM COUNTY INTERCHANGE 230/115KV TRANSFORMER CKT 1                 | Upgrade Transformer 230/115 kV 252 MVA   | 165                          | 15SP                            | 06/01/08                             | 06/01/08                                   |
| SWPA               | BULL SHOALS - BULL SHOALS 161KV CKT 1 SWPA                            | Replace three 600A switches @ Bull Shoals w/ 1200 A switches Resag conductor and replace structures as necessary to achieve 195 MW rating.                           | 83                           | 15SP                            | 06/01/15                             | 06/01/15                                   |
| WEPL               | HEIZER - KNOLL 230KV  | Construct Rhoades to Phillipsburg 56373 to 58785   | 0                            | 15SP                            | 06/01/10                             | 06/01/10                                   |
| WERE               | 166TH STREET - JAGGARD JUNCTION 115KV CKT 1                           | Tear down and rebuild 3.66 mile 166-Jaggard 115 kV line.   | 0                            | 15SP                            | 06/01/13                             | 06/01/13                                   |
| WERE               | 27TH & CROCO - TECUMSEH HILL 115KV                                    | Tear down and rebuild 2.72 mile Tecumseh Hill-27th & Croco 115 kV line as a single circuit.  | 0                            | 10SP                            | 06/01/10                             | 06/01/10                                   |
| WERE               | 27TH & CROCO JUNCTION - 41ST & CALIFORNIA 115KV                       | Tear down and rebuild 3.43 mile 27th & Croco-41st & California 115 kV line as a single circuit.  | 0                            | 10SP                            | 06/01/10                             | 06/01/10                                   |
| WERE               | CIRCLEVILLE - HOYT HTI SWITCHING JUNCTION 115KV CKT 1                 | Rebuild 15.50 mile Circleville-Hoyt HTI Junction 115 kV line.  | 0                            | 06FA                            | 06/01/06                             | 04/01/07                                   |
| WERE               | HALSTEAD SOUTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1           | Replace disconnect switches.   | 0                            | 15SP                            | 06/01/13                             | 06/01/13                                   |
| WERE               | JEC - Swissvale 345KV   | Construct JEC-Swissvale 345 kV line.   | 0                            | 10SP                            | 06/01/11                             | 06/01/11                                   |
| WERE               | NEOSHO 138/69/12.47KV TRANSFORMER                                     | Replace the three Neosho 138-69 kV #2 transformers (#2A, #2B, #2C) with one 85 MVA transformer.  | 0                            | 10SP                            | 06/01/09                             | 06/01/09                                   |
| WERE               | TECUMSEH HILL (I) 161/115/13.8KV TRANSFORMER CKT 1                    | Move the Midland Jct. 161-115 kV transformer to Tecumseh Hill.   | 0                            | 10WP                            | 06/01/10                             | 06/01/10                                   |
| WERE               | WEST MCPHERSON - WHEATLAND 115KV CKT 1                                | Tear down and rebuild 7.88 mile West McPherson-Wheatland 115 kV line.  | 0                            | 15SP                            | 06/01/15                             | 06/01/15                                   |
| WFEC               | Marietta Switch Capacitor   | 12 MVAR at Marietta Switch   | 235                          | 15SP                            | 06/01/10                             | 06/01/10                                   |
| WFEC               | Pink Switch 138 KV Capacitor  | Pink Switch 12MVAR Capacitor Bank  | 79                           | 10SP                            | 06/01/10                             | 06/01/10                                   |

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

**Previously Assigned Aggregate Study Upgrades that May Require Credits to Previous Aggregate Study Customers**

| Transmission Owner | Upgrade                         | Solution                                 | Earliest Date Upgrade Required (COD) | Estimated Date of Upgrade Completion (EOC) | Estimated Engineering & Construction Cost |
|--------------------|---------------------------------|--|--------------------------------------|--|---|
| GRRD               | 412SUB - KANSAS TAP 161KV CKT 1 | Reconductor 9.7 miles with 1590MCM ACSR. | 6/1/2015                             | 6/1/2015                                   | \$1,488,000                               |
| GRRD               | 412SUB - KERR 161KV CKT 1       | Reconductor 12.5 miles with 1590MCM ACSR | 6/1/2015                             | 6/1/2015                                   | \$1,918,000                               |

**Rollover Right Limitations for Point-to-Point Requests**

| Transmission Owner | Limiting Facility                   | Earliest Date Upgrade Required (COD) |
|--------------------|-------------------------------------|--------------------------------------|
| AEPW               | BONANZA - HACKETT AECC 161KV CKT 1  | 06/01/15                             |
| AEPW               | CHEROKEE REC - KNOX LEE 138KV CKT 1 | 06/01/15                             |
| AEPW               | ROCK HILL - TATUM 138KV CKT 1       | 06/01/15                             |
| AEPW               | FULTON - HOPE 115KV CKT 1           | 06/01/10                             |

**Table 5 - Third Party Facility Constraints**

| Transmission 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 |
|--------------------|------------------------------------|--|------------------------------|---------------------------------|--------------------------------------|--|---|
| ENTR               | 3BISMRK - 3HSEHVW 115KV CKT 1      | Murfreesboro South Project                                   | 0                            | 06SP                            | 6/1/2006                             | 6/1/2008                                   | \$ 18,000,000                             |
| SUNC               | Spearville - Mooreland 345 KV SUNC | New 345 kV line from Spearville to Kansas/Oklahoma Stateline | 0                            | 07SP                            | 05/01/10                             | 05/01/10                                   | \$ 31,000,000                             |

**Rollover Right Limitations for Point-to-Point Requests**

| Transmission Owner | Limiting Facility                            | Earliest Date Upgrade Required (COD) |
|--------------------|--|--------------------------------------|
| ENTR               | 3JNSBRO 115 - DANVILLE 115 (LPL) 115KV CKT 1 | 6/1/2010                             |
| ENTR               | LINE 558 TAP - MT. ZION 138KV CKT 1          | 6/1/2013                             |
| ENTR               | HUNTSVILLE - LINE 558 TAP 138KV CKT 1        | 6/1/2015                             |
| ENTR               | GRIMES - WALDEN 138KV CKT 1                  | 6/1/2013                             |
| ENTR               | GRMXF 345 345/138KV TRANSFORMER CKT 1        | 6/1/2013                             |
| ENTR               | GRMXF 345 345/138KV TRANSFORMER CKT 2        | 6/1/2013                             |



**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: ANACONDA - FREEMAN 69KV CKT 1  
 Limiting Facility: ANACONDA - FREEMAN 69KV CKT 1  
 Direction: To->From  
 Line Outage: BELTON SOUTH - GRD OAK 161KV CKT 1  
 Flowgate: 59292592911593405934211306SP  
 Date Redispatch Needed: 6/1/06 - 10/1/06

| Reservation         | Relief Amount                  | Aggregate Relief Amount |                        |          |                   |           |         |                        |          |          |                        |  |
|---------------------|--------------------------------|-------------------------|------------------------|----------|-------------------|-----------|---------|------------------------|----------|----------|------------------------|--|
| 977015 or 977018    | 0.6                            | 0.6                     |                        |          |                   |           |         |                        |          |          |                        |  |
| Source Control Area | Source                         | Source Id               | Maximum Increment (MW) | GSF      | Sink Control Area | Sink      | Sink Id | Maximum Decrement (MW) | GSF      | Factor   | Redispatch Amount (MW) |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 51.3                   | -0.07392 | MIPU              | SHARPR#   | 1       | 105.0                  | 0.05785  | -0.13177 | 5                      |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 51.3                   | -0.07392 | MIPU              | SHARPR#   | 2       | 105.0                  | 0.05785  | -0.13177 | 5                      |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 51.3                   | -0.07392 | MIPU              | SHARPR#   | 3       | 105.0                  | 0.05785  | -0.13177 | 5                      |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 51.3                   | -0.07392 | MIPU              | SIBLEY G  | 3       | 229.9                  | -0.00125 | -0.07267 | 8                      |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 51.3                   | -0.07392 | MIPU              | SIBLEY G  | 2       | 23.0                   | -0.00107 | -0.07285 | 8                      |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 51.3                   | -0.07392 | MIPU              | SIBLEY G  | 1       | 23.0                   | -0.00107 | -0.07285 | 8                      |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 51.3                   | -0.07392 | MIPU              | LAKE ROAD | 1       | 117.0                  | 0.00038  | -0.0743  | 8                      |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 51.3                   | -0.07392 | MIPU              | GREENWOOD | 1       | 57.0                   | -0.00694 | -0.06698 | 9                      |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 51.3                   | -0.07392 | MIPU              | GREENWOOD | 2       | 58.0                   | -0.00694 | -0.06698 | 9                      |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 51.3                   | -0.07392 | MIPU              | GREENWOOD | 3       | 58.0                   | -0.00694 | -0.06698 | 9                      |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 51.3                   | -0.07392 | MIPU              | GREENWOOD | 4       | 59.0                   | -0.00694 | -0.06698 | 9                      |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 51.3                   | -0.07392 | MIPU              | ARIES CO  | 1       | 144.0                  | -0.00754 | -0.06638 | 9                      |  |
| MIPU                | ARIES STEAM TURBINE            | 1                       | 265.0                  | -0.00754 | MIPU              | SHARPR#   | 1       | 105.0                  | 0.05785  | -0.06539 | 9                      |  |
| MIPU                | NEVADA GENERATING UNIT #1      | 1                       | 20.3                   | -0.00773 | MIPU              | SHARPR#   | 1       | 105.0                  | 0.05785  | -0.06558 | 9                      |  |
| MIPU                | ARIES COMBUSTION TURBINE #2    | 1                       | 165.0                  | -0.00754 | MIPU              | SHARPR#   | 1       | 105.0                  | 0.05785  | -0.06539 | 9                      |  |
| MIPU                | ARIES COMBUSTION TURBINE #1    | 1                       | 21.0                   | -0.00754 | MIPU              | SHARPR#   | 1       | 105.0                  | 0.05785  | -0.06539 | 9                      |  |
| MIPU                | ARIES STEAM TURBINE            | 1                       | 265.0                  | -0.00754 | MIPU              | SHARPR#   | 2       | 105.0                  | 0.05785  | -0.06539 | 9                      |  |
| MIPU                | NEVADA GENERATING UNIT #1      | 1                       | 20.3                   | -0.00773 | MIPU              | SHARPR#   | 2       | 105.0                  | 0.05785  | -0.06558 | 9                      |  |
| MIPU                | ARIES COMBUSTION TURBINE #2    | 1                       | 165.0                  | -0.00754 | MIPU              | SHARPR#   | 2       | 105.0                  | 0.05785  | -0.06539 | 9                      |  |
| MIPU                | ARIES COMBUSTION TURBINE #1    | 1                       | 21.0                   | -0.00754 | MIPU              | SHARPR#   | 2       | 105.0                  | 0.05785  | -0.06539 | 9                      |  |
| MIPU                | NEVADA GENERATING UNIT #1      | 1                       | 20.3                   | -0.00773 | MIPU              | SHARPR#   | 3       | 105.0                  | 0.05785  | -0.06558 | 9                      |  |
| MIPU                | ARIES STEAM TURBINE            | 1                       | 265.0                  | -0.00754 | MIPU              | SHARPR#   | 3       | 105.0                  | 0.05785  | -0.06539 | 9                      |  |
| MIPU                | ARIES COMBUSTION TURBINE #2    | 1                       | 165.0                  | -0.00754 | MIPU              | SHARPR#   | 3       | 105.0                  | 0.05785  | -0.06539 | 9                      |  |
| MIPU                | ARIES COMBUSTION TURBINE #1    | 1                       | 21.0                   | -0.00754 | MIPU              | SHARPR#   | 3       | 105.0                  | 0.05785  | -0.06539 | 9                      |  |
| MIPU                | TWA#2                          | 1                       | 17.5                   | -0.00001 | MIPU              | SHARPR#   | 1       | 105.0                  | 0.05785  | -0.05786 | 10                     |  |
| MIPU                | SIBLEY GENERATING UNIT #3      | 3                       | 20.1                   | -0.00125 | MIPU              | SHARPR#   | 1       | 105.0                  | 0.05785  | -0.0591  | 10                     |  |
| MIPU                | TWA#1                          | 1                       | 14.6                   | -0.00001 | MIPU              | SHARPR#   | 1       | 105.0                  | 0.05785  | -0.05786 | 10                     |  |
| MIPU                | LAKE ROAD                      | 1                       | 135.0                  | 0.00038  | MIPU              | SHARPR#   | 1       | 105.0                  | 0.05785  | -0.05747 | 10                     |  |
| MIPU                | SIBLEY GENERATING UNIT #3      | 3                       | 20.1                   | -0.00125 | MIPU              | SHARPR#   | 2       | 105.0                  | 0.05785  | -0.0591  | 10                     |  |
| MIPU                | LAKE ROAD                      | 1                       | 135.0                  | 0.00038  | MIPU              | SHARPR#   | 2       | 105.0                  | 0.05785  | -0.05747 | 10                     |  |
| MIPU                | TWA#1                          | 1                       | 14.6                   | -0.00001 | MIPU              | SHARPR#   | 2       | 105.0                  | 0.05785  | -0.05786 | 10                     |  |
| MIPU                | TWA#2                          | 1                       | 17.5                   | -0.00001 | MIPU              | SHARPR#   | 2       | 105.0                  | 0.05785  | -0.05786 | 10                     |  |
| MIPU                | LAKE ROAD                      | 1                       | 135.0                  | 0.00038  | MIPU              | SHARPR#   | 3       | 105.0                  | 0.05785  | -0.05747 | 10                     |  |
| MIPU                | SIBLEY GENERATING UNIT #3      | 3                       | 20.1                   | -0.00125 | MIPU              | SHARPR#   | 3       | 105.0                  | 0.05785  | -0.0591  | 10                     |  |
| MIPU                | TWA#1                          | 1                       | 14.6                   | -0.00001 | MIPU              | SHARPR#   | 3       | 105.0                  | 0.05785  | -0.05786 | 10                     |  |
| MIPU                | TWA#2                          | 1                       | 17.5                   | -0.00001 | MIPU              | SHARPR#   | 3       | 105.0                  | 0.05785  | -0.05786 | 10                     |  |

Maximum Decrement and Maximum Increment were determined from the Source and Sink Operating Points in the study models where limiting facility was identified.

Factor = Source GSF - Sink GSF

Redispatch Amount = Relief Amount / Factor

**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: ANACONDA - FREEMAN 69KV CKT 1  
 Limiting Facility: ANACONDA - FREEMAN 69KV CKT 1  
 Direction: To->From  
 Line Outage: BELTON SOUTH - GRD OAK 161KV CKT 1  
 Flowgate: 59292592911593405934213307SP  
 Date Redispatch Needed: 6/1/07-10/1/07

| Reservation         | Relief Amount                  | Aggregate Relief Amount |                        |          |                   |           |         |                        |          |          |                        |  |
|---------------------|--------------------------------|-------------------------|------------------------|----------|-------------------|-----------|---------|------------------------|----------|----------|------------------------|--|
| 897453              | 2.3                            | 2.9                     |                        |          |                   |           |         |                        |          |          |                        |  |
| 977015 or 977018    | 0.6                            | 2.9                     |                        |          |                   |           |         |                        |          |          |                        |  |
| Source Control Area | Source                         | Source Id               | Maximum Increment (MW) | GSF      | Sink Control Area | Sink      | Sink Id | Maximum Decrement (MW) | GSF      | Factor   | Redispatch Amount (MW) |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.07392 | MIPU              | SHARPR#   | 1       | 105.0                  | 0.05785  | -0.13177 | 22                     |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.07392 | MIPU              | SHARPR#   | 2       | 105.0                  | 0.05785  | -0.13177 | 22                     |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.07392 | MIPU              | SHARPR#   | 3       | 105.0                  | 0.05785  | -0.13177 | 22                     |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.07392 | MIPU              | SIBLEY G  | 3       | 229.9                  | -0.00125 | -0.07267 | 39                     |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.07392 | MIPU              | SIBLEY G  | 2       | 23.0                   | -0.00107 | -0.07285 | 39                     |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.07392 | MIPU              | SIBLEY G  | 1       | 23.0                   | -0.00107 | -0.07285 | 39                     |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.07392 | MIPU              | LAKE ROAD | 1       | 117.0                  | 0.00039  | -0.07431 | 39                     |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.07392 | MIPU              | GREENWOOD | 2       | 58.0                   | -0.00697 | -0.06695 | 43                     |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.07392 | MIPU              | GREENWOOD | 3       | 58.0                   | -0.00697 | -0.06695 | 43                     |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.07392 | MIPU              | GREENWOOD | 4       | 59.0                   | -0.00697 | -0.06695 | 43                     |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.07392 | MIPU              | ARIES CO  | 1       | 120.0                  | -0.00757 | -0.06635 | 43                     |  |
| MIPU                | NEVADA GENERATING UNIT #1      | 1                       | 20.3                   | -0.00772 | MIPU              | SHARPR#   | 1       | 105.0                  | 0.05785  | -0.06557 | 44                     |  |
| MIPU                | ARIES STEAM TURBINE            | 1                       | 265.0                  | -0.00757 | MIPU              | SHARPR#   | 1       | 105.0                  | 0.05785  | -0.06542 | 44                     |  |
| MIPU                | GREENWOOD GENERATING UNIT #1   | 1                       | 53.6                   | -0.00697 | MIPU              | SHARPR#   | 1       | 105.0                  | 0.05785  | -0.06482 | 44                     |  |
| MIPU                | ARIES COMBUSTION TURBINE #1    | 1                       | 45.0                   | -0.00757 | MIPU              | SHARPR#   | 1       | 105.0                  | 0.05785  | -0.06542 | 44                     |  |
| MIPU                | ARIES COMBUSTION TURBINE #2    | 1                       | 165.0                  | -0.00757 | MIPU              | SHARPR#   | 1       | 105.0                  | 0.05785  | -0.06542 | 44                     |  |
| MIPU                | ARIES COMBUSTION TURBINE #2    | 1                       | 165.0                  | -0.00757 | MIPU              | SHARPR#   | 2       | 105.0                  | 0.05785  | -0.06542 | 44                     |  |
| MIPU                | GREENWOOD GENERATING UNIT #1   | 1                       | 53.6                   | -0.00697 | MIPU              | SHARPR#   | 2       | 105.0                  | 0.05785  | -0.06482 | 44                     |  |
| MIPU                | NEVADA GENERATING UNIT #1      | 1                       | 20.3                   | -0.00772 | MIPU              | SHARPR#   | 2       | 105.0                  | 0.05785  | -0.06557 | 44                     |  |
| MIPU                | ARIES COMBUSTION TURBINE #1    | 1                       | 45.0                   | -0.00757 | MIPU              | SHARPR#   | 2       | 105.0                  | 0.05785  | -0.06542 | 44                     |  |
| MIPU                | ARIES STEAM TURBINE            | 1                       | 265.0                  | -0.00757 | MIPU              | SHARPR#   | 2       | 105.0                  | 0.05785  | -0.06542 | 44                     |  |
| MIPU                | ARIES COMBUSTION TURBINE #2    | 1                       | 165.0                  | -0.00757 | MIPU              | SHARPR#   | 3       | 105.0                  | 0.05785  | -0.06542 | 44                     |  |
| MIPU                | ARIES STEAM TURBINE            | 1                       | 265.0                  | -0.00757 | MIPU              | SHARPR#   | 3       | 105.0                  | 0.05785  | -0.06542 | 44                     |  |
| MIPU                | NEVADA GENERATING UNIT #1      | 1                       | 20.3                   | -0.00772 | MIPU              | SHARPR#   | 3       | 105.0                  | 0.05785  | -0.06557 | 44                     |  |
| MIPU                | GREENWOOD GENERATING UNIT #1   | 1                       | 53.6                   | -0.00697 | MIPU              | SHARPR#   | 3       | 105.0                  | 0.05785  | -0.06482 | 44                     |  |
| MIPU                | ARIES COMBUSTION TURBINE #1    | 1                       | 45.0                   | -0.00757 | MIPU              | SHARPR#   | 3       | 105.0                  | 0.05785  | -0.06542 | 44                     |  |
| MIPU                | SIBLEY GENERATING UNIT #3      | 3                       | 20.1                   | -0.00125 | MIPU              | SHARPR#   | 1       | 105.0                  | 0.05785  | -0.0591  | 48                     |  |
| MIPU                | SIBLEY GENERATING UNIT #3      | 3                       | 20.1                   | -0.00125 | MIPU              | SHARPR#   | 2       | 105.0                  | 0.05785  | -0.0591  | 48                     |  |
| MIPU                | SIBLEY GENERATING UNIT #3      | 3                       | 20.1                   | -0.00125 | MIPU              | SHARPR#   | 3       | 105.0                  | 0.05785  | -0.0591  | 48                     |  |
| MIPU                | TWA#2                          | 1                       | 17.5                   | -0.00001 | MIPU              | SHARPR#   | 1       | 105.0                  | 0.05785  | -0.05786 | 50                     |  |
| MIPU                | LAKE ROAD                      | 1                       | 135.0                  | 0.00039  | MIPU              | SHARPR#   | 1       | 105.0                  | 0.05785  | -0.05746 | 50                     |  |
| MIPU                | LAKE ROAD                      | 1                       | 135.0                  | 0.00039  | MIPU              | SHARPR#   | 2       | 105.0                  | 0.05785  | -0.05746 | 50                     |  |
| MIPU                | TWA#2                          | 1                       | 17.5                   | -0.00001 | MIPU              | SHARPR#   | 2       | 105.0                  | 0.05785  | -0.05786 | 50                     |  |
| MIPU                | TWA#2                          | 1                       | 17.5                   | -0.00001 | MIPU              | SHARPR#   | 3       | 105.0                  | 0.05785  | -0.05786 | 50                     |  |
| MIPU                | LAKE ROAD                      | 1                       | 135.0                  | 0.00039  | MIPU              | SHARPR#   | 3       | 105.0                  | 0.05785  | -0.05746 | 50                     |  |

Maximum Decrement and Maximum Increment were determined from the Source and Sink Operating Points in the study models where limiting facility was identified.

Factor = Source GSF - Sink GSF

Redispatch Amount = Relief Amount / Factor

**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: ANACONDA - FREEMAN 69KV CKT 1  
 Limiting Facility: ANACONDA - FREEMAN 69KV CKT 1  
 Direction: To->From  
 Line Outage: PLEASANT HILL - RALPH GREEN 69KV CKT 1  
 Flowgate: 59292592911592805927913307SP  
 Date Redispatch Needed: 6/1/07 - 10/1/07

| Reservation         | Relief Amount                  | Aggregate Relief Amount |                        |          |                   |          |         |                        |          |          |                        |  |
|---------------------|--------------------------------|-------------------------|------------------------|----------|-------------------|----------|---------|------------------------|----------|----------|------------------------|--|
| 897453              | 0.1                            | 0.2                     |                        |          |                   |          |         |                        |          |          |                        |  |
| 977015 or 977018    | 0.1                            | 0.2                     |                        |          |                   |          |         |                        |          |          |                        |  |
| Source Control Area | Source                         | Source Id               | Maximum Increment (MW) | GSF      | Sink Control Area | Sink     | Sink Id | Maximum Decrement (MW) | GSF      | Factor   | Redispatch Amount (MW) |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.21593 | MIPU              | SIBLEY G | 3       | 229.9                  | -0.00006 | -0.21587 | 0                      |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.21593 | MIPU              | SIBLEY G | 2       | 23.0                   | 0.00023  | -0.21616 | 0                      |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.21593 | MIPU              | SIBLEY G | 1       | 23.0                   | 0.00023  | -0.21616 | 0                      |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.21593 | MIPU              | GREENWO  | 2       | 58.0                   | -0.00207 | -0.21386 | 0                      |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.21593 | MIPU              | GREENWO  | 3       | 58.0                   | -0.00207 | -0.21386 | 0                      |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.21593 | MIPU              | GREENWO  | 4       | 59.0                   | -0.00207 | -0.21386 | 0                      |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.21593 | MIPU              | ARIES CO | 1       | 120.0                  | -0.00251 | -0.21342 | 0                      |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.21593 | MIPU              | SHARPR#  | 1       | 105.0                  | 0.03998  | -0.25591 | 0                      |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.21593 | MIPU              | SHARPR#  | 2       | 105.0                  | 0.03998  | -0.25591 | 0                      |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.21593 | MIPU              | SHARPR#  | 3       | 105.0                  | 0.03998  | -0.25591 | 0                      |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.21593 | MIPU              | LAKE ROA | 1       | 117.0                  | 0.00151  | -0.21744 | 0                      |  |
| MIPU                | TWA#1                          | 1                       | 14.6                   | 0.00159  | MIPU              | SHARPR#  | 1       | 105.0                  | 0.03998  | -0.03839 | 1                      |  |
| MIPU                | SIBLEY GENERATING UNIT #3      | 3                       | 20.1                   | -0.00006 | MIPU              | SHARPR#  | 1       | 105.0                  | 0.03998  | -0.04004 | 1                      |  |
| MIPU                | ARIES COMBUSTION TURBINE #2    | 1                       | 165.0                  | -0.00251 | MIPU              | SHARPR#  | 1       | 105.0                  | 0.03998  | -0.04249 | 1                      |  |
| MIPU                | GREENWOOD GENERATING UNIT #1   | 1                       | 53.6                   | -0.00207 | MIPU              | SHARPR#  | 1       | 105.0                  | 0.03998  | -0.04205 | 1                      |  |
| MIPU                | TWA#2                          | 1                       | 17.5                   | 0.00159  | MIPU              | SHARPR#  | 1       | 105.0                  | 0.03998  | -0.03839 | 1                      |  |
| MIPU                | ARIES STEAM TURBINE            | 1                       | 265.0                  | -0.00251 | MIPU              | SHARPR#  | 1       | 105.0                  | 0.03998  | -0.04249 | 1                      |  |
| MIPU                | ARIES COMBUSTION TURBINE #1    | 1                       | 45.0                   | -0.00251 | MIPU              | SHARPR#  | 1       | 105.0                  | 0.03998  | -0.04249 | 1                      |  |
| MIPU                | LAKE ROAD                      | 1                       | 135.0                  | 0.00151  | MIPU              | SHARPR#  | 1       | 105.0                  | 0.03998  | -0.03847 | 1                      |  |
| MIPU                | NEVADA GENERATING UNIT #1      | 1                       | 20.3                   | -0.00967 | MIPU              | SHARPR#  | 1       | 105.0                  | 0.03998  | -0.04965 | 1                      |  |
| MIPU                | SIBLEY GENERATING UNIT #3      | 3                       | 20.1                   | -0.00006 | MIPU              | SHARPR#  | 2       | 105.0                  | 0.03998  | -0.04004 | 1                      |  |
| MIPU                | GREENWOOD GENERATING UNIT #1   | 1                       | 53.6                   | -0.00207 | MIPU              | SHARPR#  | 2       | 105.0                  | 0.03998  | -0.04205 | 1                      |  |
| MIPU                | ARIES COMBUSTION TURBINE #2    | 1                       | 165.0                  | -0.00251 | MIPU              | SHARPR#  | 2       | 105.0                  | 0.03998  | -0.04249 | 1                      |  |
| MIPU                | ARIES STEAM TURBINE            | 1                       | 265.0                  | -0.00251 | MIPU              | SHARPR#  | 2       | 105.0                  | 0.03998  | -0.04249 | 1                      |  |
| MIPU                | LAKE ROAD                      | 1                       | 135.0                  | 0.00151  | MIPU              | SHARPR#  | 2       | 105.0                  | 0.03998  | -0.03847 | 1                      |  |
| MIPU                | ARIES COMBUSTION TURBINE #1    | 1                       | 45.0                   | -0.00251 | MIPU              | SHARPR#  | 2       | 105.0                  | 0.03998  | -0.04249 | 1                      |  |
| MIPU                | TWA#2                          | 1                       | 17.5                   | 0.00159  | MIPU              | SHARPR#  | 2       | 105.0                  | 0.03998  | -0.03839 | 1                      |  |
| MIPU                | TWA#1                          | 1                       | 14.6                   | 0.00159  | MIPU              | SHARPR#  | 2       | 105.0                  | 0.03998  | -0.03839 | 1                      |  |
| MIPU                | NEVADA GENERATING UNIT #1      | 1                       | 20.3                   | -0.00967 | MIPU              | SHARPR#  | 2       | 105.0                  | 0.03998  | -0.04965 | 1                      |  |
| MIPU                | ARIES STEAM TURBINE            | 1                       | 265.0                  | -0.00251 | MIPU              | SHARPR#  | 3       | 105.0                  | 0.03998  | -0.04249 | 1                      |  |
| MIPU                | LAKE ROAD                      | 1                       | 135.0                  | 0.00151  | MIPU              | SHARPR#  | 3       | 105.0                  | 0.03998  | -0.03847 | 1                      |  |
| MIPU                | ARIES COMBUSTION TURBINE #1    | 1                       | 45.0                   | -0.00251 | MIPU              | SHARPR#  | 3       | 105.0                  | 0.03998  | -0.04249 | 1                      |  |
| MIPU                | TWA#2                          | 1                       | 17.5                   | 0.00159  | MIPU              | SHARPR#  | 3       | 105.0                  | 0.03998  | -0.03839 | 1                      |  |
| MIPU                | TWA#1                          | 1                       | 14.6                   | 0.00159  | MIPU              | SHARPR#  | 3       | 105.0                  | 0.03998  | -0.03839 | 1                      |  |
| MIPU                | NEVADA GENERATING UNIT #1      | 1                       | 20.3                   | -0.00967 | MIPU              | SHARPR#  | 3       | 105.0                  | 0.03998  | -0.04965 | 1                      |  |
| MIPU                | GREENWOOD GENERATING UNIT #1   | 1                       | 53.6                   | -0.00207 | MIPU              | SHARPR#  | 3       | 105.0                  | 0.03998  | -0.04205 | 1                      |  |
| MIPU                | SIBLEY GENERATING UNIT #3      | 3                       | 20.1                   | -0.00006 | MIPU              | SHARPR#  | 3       | 105.0                  | 0.03998  | -0.04004 | 1                      |  |
| MIPU                | ARIES COMBUSTION TURBINE #2    | 1                       | 165.0                  | -0.00251 | MIPU              | SHARPR#  | 3       | 105.0                  | 0.03998  | -0.04249 | 1                      |  |

Maximum Decrement and Maximum Increment were determine from the Souce and Sink Operating Points in the study models where limiting facility was identified.

Factor = Source GSF - Sink GSF

Redispatch Amount = Relief Amount / Factor

**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: ANACONDA - HARRISONVILLE WEST 69KV CKT 1  
 Limiting Facility: ANACONDA - HARRISONVILLE WEST 69KV CKT 1  
 Direction: From->To  
 Line Outage: BELTON SOUTH - GRD OAK 161KV CKT 1  
 Flowgate: 59292592931593405934213307SP  
 Date Redispatch Needed: 6/1/07-10/1/07

| Reservation         | Relief Amount                  | Aggregate Relief Amount |                        |          |                   |           |         |                        |          |          |                        |  |
|---------------------|--------------------------------|-------------------------|------------------------|----------|-------------------|-----------|---------|------------------------|----------|----------|------------------------|--|
| 897453              | 1.5                            | 1.9                     |                        |          |                   |           |         |                        |          |          |                        |  |
| 977015 or 977018    | 0.4                            | 1.9                     |                        |          |                   |           |         |                        |          |          |                        |  |
| Source Control Area | Source                         | Source Id               | Maximum Increment (MW) | GSF      | Sink Control Area | Sink      | Sink Id | Maximum Decrement (MW) | GSF      | Factor   | Redispatch Amount (MW) |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.07392 | MIPU              | SHARPR#   | 1       | 105.0                  | 0.05785  | -0.13177 | 14                     |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.07392 | MIPU              | SHARPR#   | 2       | 105.0                  | 0.05785  | -0.13177 | 14                     |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.07392 | MIPU              | SHARPR#   | 3       | 105.0                  | 0.05785  | -0.13177 | 14                     |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.07392 | MIPU              | LAKE ROAD | 1       | 117.0                  | 0.00039  | -0.07431 | 25                     |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.07392 | MIPU              | SIBLEY G  | 3       | 229.9                  | -0.00125 | -0.07267 | 26                     |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.07392 | MIPU              | SIBLEY G  | 2       | 23.0                   | -0.00107 | -0.07285 | 26                     |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.07392 | MIPU              | SIBLEY G  | 1       | 23.0                   | -0.00107 | -0.07285 | 26                     |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.07392 | MIPU              | GREENWOOD | 2       | 58.0                   | -0.00697 | -0.06695 | 28                     |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.07392 | MIPU              | GREENWOOD | 3       | 58.0                   | -0.00697 | -0.06695 | 28                     |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.07392 | MIPU              | GREENWOOD | 4       | 59.0                   | -0.00697 | -0.06695 | 28                     |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3 | 3                       | 73.7                   | -0.07392 | MIPU              | ARIES CO  | 1       | 120.0                  | -0.00757 | -0.06635 | 28                     |  |
| MIPU                | NEVADA GENERATING UNIT #1      | 1                       | 20.3                   | -0.00772 | MIPU              | SHARPR#   | 1       | 105.0                  | 0.05785  | -0.06557 | 28                     |  |
| MIPU                | NEVADA GENERATING UNIT #1      | 1                       | 20.3                   | -0.00772 | MIPU              | SHARPR#   | 2       | 105.0                  | 0.05785  | -0.06557 | 28                     |  |
| MIPU                | NEVADA GENERATING UNIT #1      | 1                       | 20.3                   | -0.00772 | MIPU              | SHARPR#   | 3       | 105.0                  | 0.05785  | -0.06557 | 28                     |  |
| MIPU                | ARIES STEAM TURBINE            | 1                       | 265.0                  | -0.00757 | MIPU              | SHARPR#   | 1       | 105.0                  | 0.05785  | -0.06542 | 29                     |  |
| MIPU                | GREENWOOD GENERATING UNIT #1   | 1                       | 53.6                   | -0.00697 | MIPU              | SHARPR#   | 1       | 105.0                  | 0.05785  | -0.06482 | 29                     |  |
| MIPU                | ARIES COMBUSTION TURBINE #2    | 1                       | 165.0                  | -0.00757 | MIPU              | SHARPR#   | 1       | 105.0                  | 0.05785  | -0.06542 | 29                     |  |
| MIPU                | ARIES COMBUSTION TURBINE #1    | 1                       | 45.0                   | -0.00757 | MIPU              | SHARPR#   | 1       | 105.0                  | 0.05785  | -0.06542 | 29                     |  |
| MIPU                | GREENWOOD GENERATING UNIT #1   | 1                       | 53.6                   | -0.00697 | MIPU              | SHARPR#   | 2       | 105.0                  | 0.05785  | -0.06482 | 29                     |  |
| MIPU                | ARIES COMBUSTION TURBINE #2    | 1                       | 165.0                  | -0.00757 | MIPU              | SHARPR#   | 2       | 105.0                  | 0.05785  | -0.06542 | 29                     |  |
| MIPU                | ARIES COMBUSTION TURBINE #1    | 1                       | 45.0                   | -0.00757 | MIPU              | SHARPR#   | 2       | 105.0                  | 0.05785  | -0.06542 | 29                     |  |
| MIPU                | ARIES STEAM TURBINE            | 1                       | 265.0                  | -0.00757 | MIPU              | SHARPR#   | 2       | 105.0                  | 0.05785  | -0.06542 | 29                     |  |
| MIPU                | ARIES COMBUSTION TURBINE #1    | 1                       | 45.0                   | -0.00757 | MIPU              | SHARPR#   | 3       | 105.0                  | 0.05785  | -0.06542 | 29                     |  |
| MIPU                | ARIES COMBUSTION TURBINE #2    | 1                       | 165.0                  | -0.00757 | MIPU              | SHARPR#   | 3       | 105.0                  | 0.05785  | -0.06542 | 29                     |  |
| MIPU                | ARIES STEAM TURBINE            | 1                       | 265.0                  | -0.00757 | MIPU              | SHARPR#   | 3       | 105.0                  | 0.05785  | -0.06542 | 29                     |  |
| MIPU                | GREENWOOD GENERATING UNIT #1   | 1                       | 53.6                   | -0.00697 | MIPU              | SHARPR#   | 3       | 105.0                  | 0.05785  | -0.06482 | 29                     |  |
| MIPU                | LAKE ROAD                      | 1                       | 135.0                  | 0.00039  | MIPU              | SHARPR#   | 1       | 105.0                  | 0.05785  | -0.05746 | 32                     |  |
| MIPU                | TWA#2                          | 1                       | 17.5                   | -0.00001 | MIPU              | SHARPR#   | 1       | 105.0                  | 0.05785  | -0.05786 | 32                     |  |
| MIPU                | TWA#1                          | 1                       | 14.6                   | -0.00001 | MIPU              | SHARPR#   | 1       | 105.0                  | 0.05785  | -0.05786 | 32                     |  |
| MIPU                | SIBLEY GENERATING UNIT #3      | 3                       | 20.1                   | -0.00125 | MIPU              | SHARPR#   | 1       | 105.0                  | 0.05785  | -0.0591  | 32                     |  |
| MIPU                | LAKE ROAD                      | 1                       | 135.0                  | 0.00039  | MIPU              | SHARPR#   | 2       | 105.0                  | 0.05785  | -0.05746 | 32                     |  |
| MIPU                | SIBLEY GENERATING UNIT #3      | 3                       | 20.1                   | -0.00125 | MIPU              | SHARPR#   | 2       | 105.0                  | 0.05785  | -0.0591  | 32                     |  |
| MIPU                | TWA#1                          | 1                       | 14.6                   | -0.00001 | MIPU              | SHARPR#   | 2       | 105.0                  | 0.05785  | -0.05786 | 32                     |  |
| MIPU                | TWA#2                          | 1                       | 17.5                   | -0.00001 | MIPU              | SHARPR#   | 2       | 105.0                  | 0.05785  | -0.05786 | 32                     |  |
| MIPU                | TWA#2                          | 1                       | 17.5                   | -0.00001 | MIPU              | SHARPR#   | 3       | 105.0                  | 0.05785  | -0.05786 | 32                     |  |
| MIPU                | TWA#1                          | 1                       | 14.6                   | -0.00001 | MIPU              | SHARPR#   | 3       | 105.0                  | 0.05785  | -0.05786 | 32                     |  |
| MIPU                | SIBLEY GENERATING UNIT #3      | 3                       | 20.1                   | -0.00125 | MIPU              | SHARPR#   | 3       | 105.0                  | 0.05785  | -0.0591  | 32                     |  |
| MIPU                | LAKE ROAD                      | 1                       | 135.0                  | 0.00039  | MIPU              | SHARPR#   | 3       | 105.0                  | 0.05785  | -0.05746 | 32                     |  |

Maximum Decrement and Maximum Increment were determine from the Souce and Sink Operating Points in the study models where limiting facility was identified.

Factor = Source GSF - Sink GSF

Redispatch Amount = Relief Amount / Factor

**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: CIRCLEVILLE - HOYT HTI SWITCHING JUNCTION 115KV CKT 1  
 Limiting Facility: CIRCLEVILLE - HOYT HTI SWITCHING JUNCTION 115KV CKT 1  
 Direction: To->From  
 Line Outage: IATAN - ST JOE 345KV CKT 1  
 Flowgate: 57152571651579825919913106SH  
 Date Redispatch Needed: 6/1/06-10/1/06

| Reservation         | Relief Amount                       | Aggregate Relief Amount |                        |          |                   |            |         |                        |         |          |                        |
|---------------------|-------------------------------------|-------------------------|------------------------|----------|-------------------|------------|---------|------------------------|---------|----------|------------------------|
| 974660              | 2.0                                 | 2.1                     |                        |          |                   |            |         |                        |         |          |                        |
| 974976              | 0.1                                 | 2.1                     |                        |          |                   |            |         |                        |         |          |                        |
| Source Control Area | Source                              | Source Id               | Maximum Increment (MW) | GSF      | Sink Control Area | Sink       | Sink Id | Maximum Decrement (MW) | GSF     | Factor   | Redispatch Amount (MW) |
| WEPL                | 'CLIFTON GENERATOR'                 | 1                       | 48.3                   | -0.09748 | WEPL              | 'A. M. MUL | 3       | 63.0                   | 0.0087  | -0.10618 | 20                     |
| WEPL                | 'CLIFTON GENERATOR'                 | 1                       | 48.3                   | -0.09748 | WEPL              | 'JUDSON I  | 4       | 116.6                  | 0.00336 | -0.10084 | 21                     |
| WEPL                | 'CLIFTON GENERATOR'                 | 1                       | 48.3                   | -0.09748 | WEPL              | 'GRAY CO   | 1       | 96.0                   | 0.00335 | -0.10083 | 21                     |
| WERE                | 'GETTY'                             | 1                       | 35.0                   | -0.00294 | WERE              | 'TECUMSE   | 1       | 40.0                   | 0.04917 | -0.05211 | 41                     |
| WERE                | 'GETTY'                             | 1                       | 35.0                   | -0.00294 | WERE              | 'TECUMSE   | 1       | 68.0                   | 0.04917 | -0.05211 | 41                     |
| WERE                | 'GETTY'                             | 1                       | 35.0                   | -0.00294 | WERE              | 'JEFFREY   | 1       | 470.0                  | 0.04071 | -0.04365 | 49                     |
| WERE                | 'GETTY'                             | 1                       | 35.0                   | -0.00294 | WERE              | 'JEFFREY   | 1       | 470.0                  | 0.04071 | -0.04365 | 49                     |
| WERE                | 'GETTY'                             | 1                       | 35.0                   | -0.00294 | WERE              | 'JEFFREY   | 1       | 470.0                  | 0.03782 | -0.04076 | 52                     |
| WERE                | 'GILL ENERGY CENTER UNIT 1'         | 1                       | 44.0                   | 0.00814  | WERE              | 'TECUMSE   | 1       | 40.0                   | 0.04917 | -0.04103 | 52                     |
| WERE                | 'NEOSHO ENERGY CENTER UNIT 3'       | 1                       | 67.0                   | 0.00821  | WERE              | 'TECUMSE   | 1       | 40.0                   | 0.04917 | -0.04096 | 52                     |
| WERE                | 'GILL ENERGY CENTER UNIT 2'         | 1                       | 74.0                   | 0.00814  | WERE              | 'TECUMSE   | 1       | 40.0                   | 0.04917 | -0.04103 | 52                     |
| WERE                | 'GILL ENERGY CENTER UNIT 3'         | 1                       | 112.0                  | 0.00824  | WERE              | 'TECUMSE   | 1       | 40.0                   | 0.04917 | -0.04093 | 52                     |
| WERE                | 'GILL ENERGY CENTER UNIT 3'         | 1                       | 112.0                  | 0.00824  | WERE              | 'TECUMSE   | 1       | 68.0                   | 0.04917 | -0.04093 | 52                     |
| WERE                | 'GILL ENERGY CENTER UNIT 2'         | 1                       | 74.0                   | 0.00814  | WERE              | 'TECUMSE   | 1       | 68.0                   | 0.04917 | -0.04103 | 52                     |
| WERE                | 'NEOSHO ENERGY CENTER UNIT 3'       | 1                       | 67.0                   | 0.00821  | WERE              | 'TECUMSE   | 1       | 68.0                   | 0.04917 | -0.04096 | 52                     |
| WERE                | 'GILL ENERGY CENTER UNIT 1'         | 1                       | 44.0                   | 0.00814  | WERE              | 'TECUMSE   | 1       | 68.0                   | 0.04917 | -0.04103 | 52                     |
| WERE                | 'EVANS ENERGY CENTER GAS TURBINE 2' | 1                       | 80.0                   | 0.00952  | WERE              | 'TECUMSE   | 1       | 40.0                   | 0.04917 | -0.03965 | 53                     |
| WERE                | 'EVANS ENERGY CENTER GAS TURBINE 1' | 1                       | 80.0                   | 0.00952  | WERE              | 'TECUMSE   | 1       | 40.0                   | 0.04917 | -0.03965 | 53                     |
| WERE                | 'EVANS ENERGY CENTER GAS TURBINE 3' | 1                       | 154.0                  | 0.00952  | WERE              | 'TECUMSE   | 1       | 40.0                   | 0.04917 | -0.03965 | 53                     |
| WERE                | 'EVANS ENERGY CENTER GAS TURBINE 3' | 1                       | 154.0                  | 0.00952  | WERE              | 'TECUMSE   | 1       | 68.0                   | 0.04917 | -0.03965 | 53                     |
| WERE                | 'EVANS ENERGY CENTER GAS TURBINE 2' | 1                       | 80.0                   | 0.00952  | WERE              | 'TECUMSE   | 1       | 68.0                   | 0.04917 | -0.03965 | 53                     |
| WERE                | 'EVANS ENERGY CENTER GAS TURBINE 1' | 1                       | 80.0                   | 0.00952  | WERE              | 'TECUMSE   | 1       | 68.0                   | 0.04917 | -0.03965 | 53                     |
| WERE                | 'EVANS ENERGY CENTER GAS TURBINE 1' | 1                       | 80.0                   | 0.00952  | WERE              | 'TECUMSE   | 1       | 68.0                   | 0.04917 | -0.03965 | 53                     |
| WERE                | 'EVANS ENERGY CENTER UNIT 2'        | 1                       | 24.2                   | 0.00953  | WERE              | 'TECUMSE   | 1       | 40.0                   | 0.04917 | -0.03964 | 54                     |
| WERE                | 'EVANS ENERGY CENTER UNIT 1'        | 1                       | 151.0                  | 0.00953  | WERE              | 'TECUMSE   | 1       | 40.0                   | 0.04917 | -0.03964 | 54                     |
| WERE                | 'EVANS ENERGY CENTER UNIT 2'        | 1                       | 24.2                   | 0.00953  | WERE              | 'TECUMSE   | 1       | 68.0                   | 0.04917 | -0.03964 | 54                     |
| WERE                | 'EVANS ENERGY CENTER UNIT 1'        | 1                       | 151.0                  | 0.00953  | WERE              | 'TECUMSE   | 1       | 68.0                   | 0.04917 | -0.03964 | 54                     |
| WERE                | 'GETTY'                             | 1                       | 35.0                   | -0.00294 | WERE              | 'LAWRENC   | 1       | 25.0                   | 0.03442 | -0.03736 | 57                     |
| WERE                | 'GETTY'                             | 1                       | 35.0                   | -0.00294 | WERE              | 'LAWRENC   | 1       | 60.0                   | 0.0345  | -0.03744 | 57                     |
| WERE                | 'GETTY'                             | 1                       | 35.0                   | -0.00294 | WERE              | 'LAWRENC   | 1       | 227.7                  | 0.03426 | -0.0372  | 57                     |

Maximum Decrement and Maximum Increment were determine from the Souce and Sink Operating Points in the study models where limiting facility was identified.

Factor = Source GSF - Sink GSF

Redispatch Amount = Relief Amount / Factor

**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: CIRCLEVILLE - HOYT HTI SWITCHING JUNCTION 115KV CKT 1  
 Limiting Facility: CIRCLEVILLE - HOYT HTI SWITCHING JUNCTION 115KV CKT 1  
 Direction: To->From  
 Line Outage: IATAN - ST JOE 345KV CKT 1  
 Flowgate: 57152571651579825919913106SP  
 Date Redispatch Needed: 6/1/06-10/1/06

| Reservation | Relief Amount | Aggregate Relief Amount | Source Control Area | Source                              | Source Id | Maximum Increment (MW) | GSF      | Sink Control Area | Sink    | Sink Id | Maximum Decrement (MW) | GSF     | Factor   | Redispatch Amount (MW) |
|-------------|---------------|-------------------------|---------------------|-------------------------------------|-----------|------------------------|----------|-------------------|---------|---------|------------------------|---------|----------|------------------------|
| 974660      | 2.0           | 2.1                     | WERE                | 'GETTY'                             | 1         | 35.0                   | -0.00294 | WERE              | TECUMSE | 1       | 40.0                   | 0.04917 | -0.05211 | 41                     |
| 974976      | 0.1           | 2.1                     | WERE                | 'GETTY'                             | 1         | 35.0                   | -0.00294 | WERE              | TECUMSE | 1       | 88.0                   | 0.04917 | -0.05211 | 41                     |
|             |               |                         | WERE                | 'GETTY'                             | 1         | 35.0                   | -0.00294 | WERE              | JEFFREY | 1       | 470.0                  | 0.04071 | -0.04365 | 49                     |
|             |               |                         | WERE                | 'GETTY'                             | 1         | 35.0                   | -0.00294 | WERE              | JEFFREY | 1       | 470.0                  | 0.04071 | -0.04365 | 49                     |
|             |               |                         | WERE                | 'GETTY'                             | 1         | 35.0                   | -0.00294 | WERE              | JEFFREY | 1       | 470.0                  | 0.03782 | -0.04076 | 52                     |
|             |               |                         | WERE                | 'NEOSHO ENERGY CENTER UNIT 3'       | 1         | 47.0                   | 0.00821  | WERE              | TECUMSE | 1       | 40.0                   | 0.04917 | -0.04096 | 52                     |
|             |               |                         | WERE                | 'GILL ENERGY CENTER UNIT 2'         | 1         | 29.0                   | 0.00814  | WERE              | TECUMSE | 1       | 40.0                   | 0.04917 | -0.04103 | 52                     |
|             |               |                         | WERE                | 'GILL ENERGY CENTER UNIT 1'         | 1         | 44.0                   | 0.00814  | WERE              | TECUMSE | 1       | 40.0                   | 0.04917 | -0.04103 | 52                     |
|             |               |                         | WERE                | 'GILL ENERGY CENTER UNIT 1'         | 1         | 44.0                   | 0.00814  | WERE              | TECUMSE | 1       | 88.0                   | 0.04917 | -0.04103 | 52                     |
|             |               |                         | WERE                | 'NEOSHO ENERGY CENTER UNIT 3'       | 1         | 47.0                   | 0.00821  | WERE              | TECUMSE | 1       | 88.0                   | 0.04917 | -0.04096 | 52                     |
|             |               |                         | WERE                | 'GILL ENERGY CENTER UNIT 2'         | 1         | 29.0                   | 0.00814  | WERE              | TECUMSE | 1       | 88.0                   | 0.04917 | -0.04103 | 52                     |
|             |               |                         | WERE                | 'EVANS ENERGY CENTER GAS TURBINE 1' | 1         | 30.0                   | 0.00952  | WERE              | TECUMSE | 1       | 40.0                   | 0.04917 | -0.03965 | 53                     |
|             |               |                         | WERE                | 'EVANS ENERGY CENTER GAS TURBINE 1' | 1         | 30.0                   | 0.00952  | WERE              | TECUMSE | 1       | 88.0                   | 0.04917 | -0.03965 | 53                     |
|             |               |                         | WERE                | 'EVANS ENERGY CENTER UNIT 1'        | 1         | 49.0                   | 0.00953  | WERE              | TECUMSE | 1       | 40.0                   | 0.04917 | -0.03964 | 54                     |
|             |               |                         | WERE                | 'EVANS ENERGY CENTER UNIT 2'        | 1         | 23.0                   | 0.00953  | WERE              | TECUMSE | 1       | 40.0                   | 0.04917 | -0.03964 | 54                     |
|             |               |                         | WERE                | 'EVANS ENERGY CENTER UNIT 2'        | 1         | 23.0                   | 0.00953  | WERE              | TECUMSE | 1       | 88.0                   | 0.04917 | -0.03964 | 54                     |
|             |               |                         | WERE                | 'EVANS ENERGY CENTER UNIT 1'        | 1         | 49.0                   | 0.00953  | WERE              | TECUMSE | 1       | 88.0                   | 0.04917 | -0.03964 | 54                     |
|             |               |                         | WERE                | 'GETTY'                             | 1         | 35.0                   | -0.00294 | WERE              | LAWRENC | 1       | 25.0                   | 0.03442 | -0.03736 | 57                     |
|             |               |                         | WERE                | 'GETTY'                             | 1         | 35.0                   | -0.00294 | WERE              | LAWRENC | 1       | 60.0                   | 0.0345  | -0.03744 | 57                     |
|             |               |                         | WERE                | 'GETTY'                             | 1         | 35.0                   | -0.00294 | WERE              | LAWRENC | 1       | 222.5                  | 0.03427 | -0.03721 | 57                     |
|             |               |                         | WERE                | 'GILL ENERGY CENTER UNIT 1'         | 1         | 44.0                   | 0.00814  | WERE              | JEFFREY | 1       | 470.0                  | 0.04071 | -0.03257 | 65                     |
|             |               |                         | WERE                | 'GILL ENERGY CENTER UNIT 2'         | 1         | 29.0                   | 0.00814  | WERE              | JEFFREY | 1       | 470.0                  | 0.04071 | -0.03257 | 65                     |
|             |               |                         | WERE                | 'NEOSHO ENERGY CENTER UNIT 3'       | 1         | 47.0                   | 0.00821  | WERE              | JEFFREY | 1       | 470.0                  | 0.04071 | -0.0325  | 65                     |
|             |               |                         | WERE                | 'GILL ENERGY CENTER UNIT 2'         | 1         | 29.0                   | 0.00814  | WERE              | JEFFREY | 1       | 470.0                  | 0.04071 | -0.03257 | 65                     |
|             |               |                         | WERE                | 'GILL ENERGY CENTER UNIT 1'         | 1         | 44.0                   | 0.00814  | WERE              | JEFFREY | 1       | 470.0                  | 0.04071 | -0.03257 | 65                     |
|             |               |                         | WERE                | 'NEOSHO ENERGY CENTER UNIT 3'       | 1         | 47.0                   | 0.00821  | WERE              | JEFFREY | 1       | 470.0                  | 0.04071 | -0.0325  | 65                     |
|             |               |                         | WERE                | 'EVANS ENERGY CENTER GAS TURBINE 1' | 1         | 30.0                   | 0.00952  | WERE              | JEFFREY | 1       | 470.0                  | 0.04071 | -0.03119 | 68                     |
|             |               |                         | WERE                | 'EVANS ENERGY CENTER UNIT 1'        | 1         | 49.0                   | 0.00953  | WERE              | JEFFREY | 1       | 470.0                  | 0.04071 | -0.03118 | 68                     |
|             |               |                         | WERE                | 'EVANS ENERGY CENTER UNIT 2'        | 1         | 23.0                   | 0.00953  | WERE              | JEFFREY | 1       | 470.0                  | 0.04071 | -0.03118 | 68                     |
|             |               |                         | WERE                | 'EVANS ENERGY CENTER GAS TURBINE 1' | 1         | 30.0                   | 0.00952  | WERE              | JEFFREY | 1       | 470.0                  | 0.04071 | -0.03119 | 68                     |
|             |               |                         | WERE                | 'EVANS ENERGY CENTER UNIT 2'        | 1         | 23.0                   | 0.00953  | WERE              | JEFFREY | 1       | 470.0                  | 0.04071 | -0.03118 | 68                     |
|             |               |                         | WERE                | 'EVANS ENERGY CENTER UNIT 1'        | 1         | 49.0                   | 0.00953  | WERE              | JEFFREY | 1       | 470.0                  | 0.04071 | -0.03118 | 68                     |

Maximum Decrement and Maximum Increment were determine from the Souce and Sink Operating Points in the study models where limiting facility was identified.

Factor = Source GSF - Sink GSF

Redispatch Amount = Relief Amount / Factor

**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: CIRCLEVILLE - HOYT HTI SWITCHING JUNCTION 115KV CKT 1  
 Limiting Facility: CIRCLEVILLE - HOYT HTI SWITCHING JUNCTION 115KV CKT 1  
 Direction: To->From  
 Line Outage: CLIFTON - GREENLEAF 115KV CKT 1  
 Flowgate: 57152571651587565876513106SP  
 Date Redispatch Needed: 6/1/06-10/1/06

| Reservation | Relief Amount                       | Aggregate Relief Amount |                     |          |           |                        |     |                   |         |          |                        |     |        |                        |
|-------------|-------------------------------------|-------------------------|---------------------|----------|-----------|------------------------|-----|-------------------|---------|----------|------------------------|-----|--------|------------------------|
| 974660      | 1.5                                 | 1.5                     | Source Control Area | Source   | Source Id | Maximum Increment (MW) | GSF | Sink Control Area | Sink    | Sink Id  | Maximum Decrement (MW) | GSF | Factor | Redispatch Amount (MW) |
| WERE        | 'GETTY'                             | 1                       | 35.0                | -0.00761 | WERE      | TECUMSE                | 1   | 40.0              | 0.04382 | -0.05143 | 30                     |     |        |                        |
| WERE        | 'GETTY'                             | 1                       | 35.0                | -0.00761 | WERE      | TECUMSE                | 1   | 88.0              | 0.04382 | -0.05143 | 30                     |     |        |                        |
| WERE        | 'GETTY'                             | 1                       | 35.0                | -0.00761 | WERE      | JEFFREY                | 1   | 470.0             | 0.03608 | -0.04369 | 35                     |     |        |                        |
| WERE        | 'GETTY'                             | 1                       | 35.0                | -0.00761 | WERE      | JEFFREY                | 1   | 470.0             | 0.03659 | -0.0442  | 35                     |     |        |                        |
| WERE        | 'GETTY'                             | 1                       | 35.0                | -0.00761 | WERE      | JEFFREY                | 1   | 470.0             | 0.03659 | -0.0442  | 35                     |     |        |                        |
| WERE        | 'GILL ENERGY CENTER UNIT 2'         | 1                       | 29.0                | 0.00498  | WERE      | TECUMSE                | 1   | 40.0              | 0.04382 | -0.03884 | 40                     |     |        |                        |
| WERE        | 'GILL ENERGY CENTER UNIT 1'         | 1                       | 44.0                | 0.00498  | WERE      | TECUMSE                | 1   | 40.0              | 0.04382 | -0.03884 | 40                     |     |        |                        |
| WERE        | 'GILL ENERGY CENTER UNIT 1'         | 1                       | 44.0                | 0.00498  | WERE      | TECUMSE                | 1   | 88.0              | 0.04382 | -0.03884 | 40                     |     |        |                        |
| WERE        | 'GILL ENERGY CENTER UNIT 2'         | 1                       | 29.0                | 0.00498  | WERE      | TECUMSE                | 1   | 88.0              | 0.04382 | -0.03884 | 40                     |     |        |                        |
| WERE        | 'GETTY'                             | 1                       | 35.0                | -0.00761 | WERE      | ABILENE                | 1   | 40.0              | 0.03084 | -0.03845 | 40                     |     |        |                        |
| WERE        | 'EVANS ENERGY CENTER GAS TURBINE 1' | 1                       | 30.0                | 0.00631  | WERE      | TECUMSE                | 1   | 40.0              | 0.04382 | -0.03751 | 41                     |     |        |                        |
| WERE        | 'EVANS ENERGY CENTER UNIT 2'        | 1                       | 23.0                | 0.00632  | WERE      | TECUMSE                | 1   | 40.0              | 0.04382 | -0.0375  | 41                     |     |        |                        |
| WERE        | 'EVANS ENERGY CENTER UNIT 1'        | 1                       | 49.0                | 0.00632  | WERE      | TECUMSE                | 1   | 40.0              | 0.04382 | -0.0375  | 41                     |     |        |                        |
| WERE        | 'NEOSHO ENERGY CENTER UNIT 3'       | 1                       | 47.0                | 0.00576  | WERE      | TECUMSE                | 1   | 40.0              | 0.04382 | -0.03806 | 41                     |     |        |                        |
| WERE        | 'NEOSHO ENERGY CENTER UNIT 3'       | 1                       | 47.0                | 0.00576  | WERE      | TECUMSE                | 1   | 88.0              | 0.04382 | -0.03806 | 41                     |     |        |                        |
| WERE        | 'EVANS ENERGY CENTER UNIT 2'        | 1                       | 23.0                | 0.00632  | WERE      | TECUMSE                | 1   | 88.0              | 0.04382 | -0.0375  | 41                     |     |        |                        |
| WERE        | 'EVANS ENERGY CENTER UNIT 1'        | 1                       | 49.0                | 0.00632  | WERE      | TECUMSE                | 1   | 88.0              | 0.04382 | -0.0375  | 41                     |     |        |                        |
| WERE        | 'EVANS ENERGY CENTER GAS TURBINE 1' | 1                       | 30.0                | 0.00631  | WERE      | TECUMSE                | 1   | 88.0              | 0.04382 | -0.03751 | 41                     |     |        |                        |
| WERE        | 'GETTY'                             | 1                       | 35.0                | -0.00761 | WERE      | LAWRENC                | 1   | 222.5             | 0.02911 | -0.03672 | 42                     |     |        |                        |
| WERE        | 'GETTY'                             | 1                       | 35.0                | -0.00761 | WERE      | LAWRENC                | 1   | 25.0              | 0.02866 | -0.03627 | 43                     |     |        |                        |
| WERE        | 'GETTY'                             | 1                       | 35.0                | -0.00761 | WERE      | LAWRENC                | 1   | 60.0              | 0.02871 | -0.03632 | 43                     |     |        |                        |
| WERE        | 'GETTY'                             | 1                       | 35.0                | -0.00761 | WERE      | BPU - CIT              | 1   | 20.0              | 0.02574 | -0.03335 | 46                     |     |        |                        |
| WERE        | 'GETTY'                             | 1                       | 35.0                | -0.00761 | WERE      | BPU - CIT              | 1   | 30.0              | 0.02574 | -0.03335 | 46                     |     |        |                        |
| WERE        | 'GETTY'                             | 1                       | 35.0                | -0.00761 | WERE      | BPU - CIT              | 1   | 30.0              | 0.02574 | -0.03335 | 46                     |     |        |                        |
| WERE        | 'GETTY'                             | 1                       | 35.0                | -0.00761 | WERE      | BPU - CIT              | 1   | 55.0              | 0.02572 | -0.03333 | 46                     |     |        |                        |
| WERE        | 'GILL ENERGY CENTER UNIT 1'         | 1                       | 44.0                | 0.00498  | WERE      | JEFFREY                | 1   | 470.0             | 0.03659 | -0.03161 | 49                     |     |        |                        |
| WERE        | 'GILL ENERGY CENTER UNIT 2'         | 1                       | 29.0                | 0.00498  | WERE      | JEFFREY                | 1   | 470.0             | 0.03659 | -0.03161 | 49                     |     |        |                        |
| WERE        | 'GILL ENERGY CENTER UNIT 2'         | 1                       | 29.0                | 0.00498  | WERE      | JEFFREY                | 1   | 470.0             | 0.03659 | -0.03161 | 49                     |     |        |                        |
| WERE        | 'GILL ENERGY CENTER UNIT 1'         | 1                       | 44.0                | 0.00498  | WERE      | JEFFREY                | 1   | 470.0             | 0.03659 | -0.03161 | 49                     |     |        |                        |
| WERE        | 'GETTY'                             | 1                       | 35.0                | -0.00761 | WERE      | HUTCHIN                | 1   | 120.0             | 0.02363 | -0.03124 | 49                     |     |        |                        |
| WERE        | 'GILL ENERGY CENTER UNIT 1'         | 1                       | 44.0                | 0.00498  | WERE      | JEFFREY                | 1   | 470.0             | 0.03608 | -0.0311  | 50                     |     |        |                        |
| WERE        | 'GILL ENERGY CENTER UNIT 2'         | 1                       | 29.0                | 0.00498  | WERE      | JEFFREY                | 1   | 470.0             | 0.03608 | -0.0311  | 50                     |     |        |                        |
| WERE        | 'NEOSHO ENERGY CENTER UNIT 3'       | 1                       | 47.0                | 0.00576  | WERE      | JEFFREY                | 1   | 470.0             | 0.03659 | -0.03083 | 50                     |     |        |                        |
| WERE        | 'NEOSHO ENERGY CENTER UNIT 3'       | 1                       | 47.0                | 0.00576  | WERE      | JEFFREY                | 1   | 470.0             | 0.03659 | -0.03083 | 50                     |     |        |                        |
| WERE        | 'NEOSHO ENERGY CENTER UNIT 3'       | 1                       | 47.0                | 0.00576  | WERE      | JEFFREY                | 1   | 470.0             | 0.03608 | -0.03032 | 51                     |     |        |                        |
| WERE        | 'EVANS ENERGY CENTER UNIT 1'        | 1                       | 49.0                | 0.00632  | WERE      | JEFFREY                | 1   | 470.0             | 0.03659 | -0.03027 | 51                     |     |        |                        |
| WERE        | 'EVANS ENERGY CENTER GAS TURBINE 1' | 1                       | 30.0                | 0.00631  | WERE      | JEFFREY                | 1   | 470.0             | 0.03659 | -0.03028 | 51                     |     |        |                        |
| WERE        | 'EVANS ENERGY CENTER UNIT 2'        | 1                       | 23.0                | 0.00632  | WERE      | JEFFREY                | 1   | 470.0             | 0.03659 | -0.03027 | 51                     |     |        |                        |
| WERE        | 'EVANS ENERGY CENTER UNIT 1'        | 1                       | 49.0                | 0.00632  | WERE      | JEFFREY                | 1   | 470.0             | 0.03659 | -0.03027 | 51                     |     |        |                        |
| WERE        | 'EVANS ENERGY CENTER UNIT 2'        | 1                       | 23.0                | 0.00632  | WERE      | JEFFREY                | 1   | 470.0             | 0.03659 | -0.03027 | 51                     |     |        |                        |
| WERE        | 'EVANS ENERGY CENTER GAS TURBINE 1' | 1                       | 30.0                | 0.00631  | WERE      | JEFFREY                | 1   | 470.0             | 0.03659 | -0.03028 | 51                     |     |        |                        |

Maximum Decrement and Maximum Increment were determine from the Souce and Sink Operating Points in the study models where limiting facility was identified.

Factor = Source GSF - Sink GSF

Redispatch Amount = Relief Amount / Factor

**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: CIRCLEVILLE - HOYT HTI SWITCHING JUNCTION 115KV CKT 1  
 Limiting Facility: CIRCLEVILLE - HOYT HTI SWITCHING JUNCTION 115KV CKT 1  
 Direction: To->From  
 Line Outage: CONCORDIA - EAST MANHATTAN 230KV CKT 1  
 Flowgate: 57152571651587585686112106SH  
 Date Redispatch Needed: 6/1/06-10/1/06

| Reservation         | Relief Amount                            | Aggregate Relief Amount |                        |          |                   |            |         |                        |          |          |                        |  |
|---------------------|--|-------------------------|------------------------|----------|-------------------|------------|---------|------------------------|----------|----------|------------------------|--|
| 974660              | 2.0                                      | 2.4                     |                        |          |                   |            |         |                        |          |          |                        |  |
| 974976              | 0.4                                      | 2.4                     |                        |          |                   |            |         |                        |          |          |                        |  |
| Source Control Area | Source                                   | Source Id               | Maximum Increment (MW) | GSF      | Sink Control Area | Sink       | Sink Id | Maximum Decrement (MW) | GSF      | Factor   | Redispatch Amount (MW) |  |
| WEPL                | 'CLIFTON GENERATOR'                      | 1                       | 48.3                   | -0.18807 | WEPL              | JUDSON     | 4       | 109.0                  | -0.00447 | -0.1836  | 13                     |  |
| WEPL                | 'CLIFTON GENERATOR'                      | 1                       | 48.3                   | -0.18807 | WEPL              | 'GRAY CO   | 1       | 36.0                   | -0.00449 | -0.18358 | 13                     |  |
| WEPL                | 'CLIFTON GENERATOR'                      | 1                       | 48.3                   | -0.18807 | WEPL              | 'A. M. MUL | 3       | 63.0                   | -0.00814 | -0.17993 | 14                     |  |
| WERE                | 'GETTY'                                  | 1                       | 35.0                   | -0.00695 | WERE              | TECUMSE    | 1       | 40.0                   | 0.04379  | -0.05074 | 48                     |  |
| WERE                | 'GETTY'                                  | 1                       | 35.0                   | -0.00695 | WERE              | TECUMSE    | 1       | 68.0                   | 0.04379  | -0.05074 | 48                     |  |
| WERE                | 'GETTY'                                  | 1                       | 35.0                   | -0.00695 | WERE              | JEFFREY    | 1       | 470.0                  | 0.03519  | -0.04214 | 58                     |  |
| WERE                | 'GETTY'                                  | 1                       | 35.0                   | -0.00695 | WERE              | JEFFREY    | 1       | 470.0                  | 0.03553  | -0.04248 | 58                     |  |
| WERE                | 'GETTY'                                  | 1                       | 35.0                   | -0.00695 | WERE              | JEFFREY    | 1       | 470.0                  | 0.03553  | -0.04248 | 58                     |  |
| WERE                | 'GILL ENERGY CENTER UNIT 1'              | 1                       | 44.0                   | 0.00425  | WERE              | TECUMSE    | 1       | 40.0                   | 0.04379  | -0.03954 | 62                     |  |
| WERE                | 'GILL ENERGY CENTER UNIT 2'              | 1                       | 74.0                   | 0.00425  | WERE              | TECUMSE    | 1       | 40.0                   | 0.04379  | -0.03954 | 62                     |  |
| WERE                | 'GILL ENERGY CENTER UNIT 3'              | 1                       | 112.0                  | 0.0043   | WERE              | TECUMSE    | 1       | 40.0                   | 0.04379  | -0.03949 | 62                     |  |
| WERE                | 'GILL ENERGY CENTER UNIT 3'              | 1                       | 112.0                  | 0.0043   | WERE              | TECUMSE    | 1       | 68.0                   | 0.04379  | -0.03949 | 62                     |  |
| WERE                | 'GILL ENERGY CENTER UNIT 1'              | 1                       | 44.0                   | 0.00425  | WERE              | TECUMSE    | 1       | 68.0                   | 0.04379  | -0.03954 | 62                     |  |
| WERE                | 'GILL ENERGY CENTER UNIT 2'              | 1                       | 74.0                   | 0.00425  | WERE              | TECUMSE    | 1       | 68.0                   | 0.04379  | -0.03954 | 62                     |  |
| WERE                | 'NEOSHO ENERGY CENTER UNIT 3'            | 1                       | 67.0                   | 0.00553  | WERE              | TECUMSE    | 1       | 40.0                   | 0.04379  | -0.03826 | 64                     |  |
| WERE                | 'EVANS ENERGY CENTER GAS TURBINE 3'      | 1                       | 154.0                  | 0.00574  | WERE              | TECUMSE    | 1       | 40.0                   | 0.04379  | -0.03805 | 64                     |  |
| WERE                | 'EVANS ENERGY CENTER GAS TURBINE 1'      | 1                       | 80.0                   | 0.00574  | WERE              | TECUMSE    | 1       | 40.0                   | 0.04379  | -0.03805 | 64                     |  |
| WERE                | 'EVANS ENERGY CENTER UNIT 2'             | 1                       | 26.2                   | 0.00575  | WERE              | TECUMSE    | 1       | 40.0                   | 0.04379  | -0.03804 | 64                     |  |
| WERE                | 'EVANS ENERGY CENTER GAS TURBINE 2'      | 1                       | 80.0                   | 0.00574  | WERE              | TECUMSE    | 1       | 40.0                   | 0.04379  | -0.03805 | 64                     |  |
| WERE                | 'EVANS ENERGY CENTER UNIT 1'             | 1                       | 151.0                  | 0.00575  | WERE              | TECUMSE    | 1       | 40.0                   | 0.04379  | -0.03804 | 64                     |  |
| WERE                | 'EVANS ENERGY CENTER UNIT 2'             | 1                       | 26.2                   | 0.00575  | WERE              | TECUMSE    | 1       | 68.0                   | 0.04379  | -0.03804 | 64                     |  |
| WERE                | 'NEOSHO ENERGY CENTER UNIT 3'            | 1                       | 67.0                   | 0.00553  | WERE              | TECUMSE    | 1       | 68.0                   | 0.04379  | -0.03826 | 64                     |  |
| WERE                | 'EVANS ENERGY CENTER UNIT 1'             | 1                       | 151.0                  | 0.00575  | WERE              | TECUMSE    | 1       | 68.0                   | 0.04379  | -0.03804 | 64                     |  |
| WERE                | 'EVANS ENERGY CENTER GAS TURBINE 1'      | 1                       | 80.0                   | 0.00574  | WERE              | TECUMSE    | 1       | 68.0                   | 0.04379  | -0.03805 | 64                     |  |
| WERE                | 'EVANS ENERGY CENTER GAS TURBINE 2'      | 1                       | 80.0                   | 0.00574  | WERE              | TECUMSE    | 1       | 68.0                   | 0.04379  | -0.03805 | 64                     |  |
| WERE                | 'EVANS ENERGY CENTER GAS TURBINE 3'      | 1                       | 154.0                  | 0.00574  | WERE              | TECUMSE    | 1       | 68.0                   | 0.04379  | -0.03805 | 64                     |  |
| WERE                | 'GETTY'                                  | 1                       | 35.0                   | -0.00695 | WERE              | LAWRENC    | 1       | 25.0                   | 0.02842  | -0.03537 | 69                     |  |
| WERE                | 'GETTY'                                  | 1                       | 35.0                   | -0.00695 | WERE              | LAWRENC    | 1       | 60.0                   | 0.02847  | -0.03542 | 69                     |  |
| WERE                | 'GETTY'                                  | 1                       | 35.0                   | -0.00695 | WERE              | LAWRENC    | 1       | 229.0                  | 0.02873  | -0.03568 | 69                     |  |
| WERE                | 'GILL ENERGY CENTER UNIT 2'              | 1                       | 74.0                   | 0.00425  | WERE              | JEFFREY    | 1       | 470.0                  | 0.03553  | -0.03128 | 78                     |  |
| WERE                | 'GILL ENERGY CENTER UNIT 3'              | 1                       | 112.0                  | 0.0043   | WERE              | JEFFREY    | 1       | 470.0                  | 0.03553  | -0.03123 | 78                     |  |
| WERE                | 'GILL ENERGY CENTER UNIT 1'              | 1                       | 44.0                   | 0.00425  | WERE              | JEFFREY    | 1       | 470.0                  | 0.03553  | -0.03128 | 78                     |  |
| WERE                | 'GILL ENERGY CENTER UNIT 2'              | 1                       | 74.0                   | 0.00425  | WERE              | JEFFREY    | 1       | 470.0                  | 0.03553  | -0.03128 | 78                     |  |
| WERE                | 'GILL ENERGY CENTER UNIT 1'              | 1                       | 44.0                   | 0.00425  | WERE              | JEFFREY    | 1       | 470.0                  | 0.03553  | -0.03128 | 78                     |  |
| WERE                | 'GILL ENERGY CENTER UNIT 3'              | 1                       | 112.0                  | 0.0043   | WERE              | JEFFREY    | 1       | 470.0                  | 0.03553  | -0.03123 | 78                     |  |
| WERE                | 'GILL ENERGY CENTER UNIT 3'              | 1                       | 112.0                  | 0.0043   | WERE              | JEFFREY    | 1       | 470.0                  | 0.03519  | -0.03089 | 79                     |  |
| WERE                | 'GILL ENERGY CENTER UNIT 2'              | 1                       | 74.0                   | 0.00425  | WERE              | JEFFREY    | 1       | 470.0                  | 0.03519  | -0.03094 | 79                     |  |
| WERE                | 'GILL ENERGY CENTER UNIT 1'              | 1                       | 44.0                   | 0.00425  | WERE              | JEFFREY    | 1       | 470.0                  | 0.03519  | -0.03094 | 79                     |  |
| WERE                | 'HUTCHINSON ENERGY CENTER GAS TURBINE 2' | 1                       | 50.0                   | 0.01299  | WERE              | TECUMSE    | 1       | 40.0                   | 0.04379  | -0.0308  | 79                     |  |
| WERE                | 'HUTCHINSON ENERGY CENTER UNIT 4'        | 1                       | 71.0                   | 0.01302  | WERE              | TECUMSE    | 1       | 40.0                   | 0.04379  | -0.03077 | 79                     |  |
| WERE                | 'HUTCHINSON ENERGY CENTER GAS TRUBINE 4' | 1                       | 78.0                   | 0.01302  | WERE              | TECUMSE    | 1       | 40.0                   | 0.04379  | -0.03077 | 79                     |  |
| WERE                | 'HUTCHINSON ENERGY CENTER GAS TURBINE 1' | 1                       | 52.0                   | 0.01297  | WERE              | TECUMSE    | 1       | 40.0                   | 0.04379  | -0.03082 | 79                     |  |
| WERE                | 'HUTCHINSON ENERGY CENTER GAS TURBINE 3' | 1                       | 52.0                   | 0.01302  | WERE              | TECUMSE    | 1       | 40.0                   | 0.04379  | -0.03077 | 79                     |  |
| WERE                | 'HUTCHINSON ENERGY CENTER UNIT 3'        | 1                       | 31.0                   | 0.01297  | WERE              | TECUMSE    | 1       | 40.0                   | 0.04379  | -0.03082 | 79                     |  |
| WERE                | 'HUTCHINSON ENERGY CENTER UNIT 4'        | 1                       | 71.0                   | 0.01302  | WERE              | TECUMSE    | 1       | 68.0                   | 0.04379  | -0.03077 | 79                     |  |
| WERE                | 'HUTCHINSON ENERGY CENTER GAS TURBINE 1' | 1                       | 52.0                   | 0.01297  | WERE              | TECUMSE    | 1       | 68.0                   | 0.04379  | -0.03082 | 79                     |  |
| WERE                | 'HUTCHINSON ENERGY CENTER GAS TURBINE 2' | 1                       | 50.0                   | 0.01299  | WERE              | TECUMSE    | 1       | 68.0                   | 0.04379  | -0.0308  | 79                     |  |
| WERE                | 'HUTCHINSON ENERGY CENTER UNIT 3'        | 1                       | 31.0                   | 0.01297  | WERE              | TECUMSE    | 1       | 68.0                   | 0.04379  | -0.03082 | 79                     |  |
| WERE                | 'HUTCHINSON ENERGY CENTER GAS TURBINE 3' | 1                       | 52.0                   | 0.01302  | WERE              | TECUMSE    | 1       | 68.0                   | 0.04379  | -0.03077 | 79                     |  |
| WERE                | 'HUTCHINSON ENERGY CENTER GAS TRUBINE 4' | 1                       | 78.0                   | 0.01302  | WERE              | TECUMSE    | 1       | 68.0                   | 0.04379  | -0.03077 | 79                     |  |
| WERE                | 'NEOSHO ENERGY CENTER UNIT 3'            | 1                       | 67.0                   | 0.00553  | WERE              | JEFFREY    | 1       | 470.0                  | 0.03553  | -0.03    | 82                     |  |
| WERE                | 'NEOSHO ENERGY CENTER UNIT 3'            | 1                       | 67.0                   | 0.00553  | WERE              | JEFFREY    | 1       | 470.0                  | 0.03553  | -0.03    | 82                     |  |

Maximum Decrement and Maximum Increment were determine from the Souce and Sink Operating Points in the study models where limiting facility was identified.

Factor = Source GSF - Sink GSF

Redispatch Amount = Relief Amount / Factor



**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: CIRCLEVILLE - HOYT HTI SWITCHING JUNCTION 115KV CKT 1  
 Limiting Facility: CIRCLEVILLE - HOYT HTI SWITCHING JUNCTION 115KV CKT 1  
 Direction: To->From  
 Line Outage: IATAN - ST JOE 345KV CKT 1  
 Flowgate: 57152571651579825919913106FA  
 Date Redispatch Needed: 6/1/06-10/1/06

| Reservation | Relief Amount                     | Aggregate Relief Amount | Source Control Area | Source   | Source Id | Maximum Increment (MW) | GSF | Sink Control Area | Sink    | Sink Id  | Maximum Decrement (MW) | GSF | Factor | Redispatch Amount (MW) |
|-------------|-----------------------------------|-------------------------|---------------------|----------|-----------|------------------------|-----|-------------------|---------|----------|------------------------|-----|--------|------------------------|
| 974660      | 2.0                               | 2.1                     |                     |          |           |                        |     |                   |         |          |                        |     |        |                        |
| 974976      | 0.1                               | 2.1                     |                     |          |           |                        |     |                   |         |          |                        |     |        |                        |
| WEPL        | CLIFTON GENERATOR                 | 1                       | 70.0                | -0.09747 | WEPL      | A. M. MUL              | 3   | 14.2              | 0.00871 | -0.10618 | 20                     |     |        |                        |
| WEPL        | CLIFTON GENERATOR                 | 1                       | 70.0                | -0.09747 | WEPL      | JUDSON L               | 4   | 52.9              | 0.00337 | -0.10084 | 21                     |     |        |                        |
| WEPL        | CLIFTON GENERATOR                 | 1                       | 70.0                | -0.09747 | WEPL      | GRAY CO                | 1   | 96.0              | 0.00336 | -0.10083 | 21                     |     |        |                        |
| WERE        | GETTY                             | 1                       | 35.0                | -0.00293 | WERE      | TECUMSE                | 1   | 40.0              | 0.04918 | -0.05211 | 41                     |     |        |                        |
| WERE        | GETTY                             | 1                       | 35.0                | -0.00293 | WERE      | TECUMSE                | 1   | 48.0              | 0.04918 | -0.05211 | 41                     |     |        |                        |
| WERE        | GETTY                             | 1                       | 35.0                | -0.00293 | WERE      | JEFFREY                | 1   | 470.0             | 0.04072 | -0.04365 | 49                     |     |        |                        |
| WERE        | GETTY                             | 1                       | 35.0                | -0.00293 | WERE      | JEFFREY                | 1   | 470.0             | 0.04072 | -0.04365 | 49                     |     |        |                        |
| WERE        | GETTY                             | 1                       | 35.0                | -0.00293 | WERE      | JEFFREY                | 1   | 470.0             | 0.03783 | -0.04076 | 52                     |     |        |                        |
| WERE        | GILL ENERGY CENTER UNIT 1         | 1                       | 44.0                | 0.00815  | WERE      | TECUMSE                | 1   | 40.0              | 0.04918 | -0.04103 | 52                     |     |        |                        |
| WERE        | GILL ENERGY CENTER UNIT 2         | 1                       | 74.0                | 0.00815  | WERE      | TECUMSE                | 1   | 40.0              | 0.04918 | -0.04103 | 52                     |     |        |                        |
| WERE        | GILL ENERGY CENTER UNIT 3         | 1                       | 112.0               | 0.00825  | WERE      | TECUMSE                | 1   | 40.0              | 0.04918 | -0.04093 | 52                     |     |        |                        |
| WERE        | NEOSHO ENERGY CENTER UNIT 3       | 1                       | 67.0                | 0.00822  | WERE      | TECUMSE                | 1   | 40.0              | 0.04918 | -0.04096 | 52                     |     |        |                        |
| WERE        | GILL ENERGY CENTER UNIT 4         | 1                       | 106.0               | 0.00828  | WERE      | TECUMSE                | 1   | 40.0              | 0.04918 | -0.0409  | 52                     |     |        |                        |
| WERE        | NEOSHO ENERGY CENTER UNIT 3       | 1                       | 67.0                | 0.00822  | WERE      | TECUMSE                | 1   | 48.0              | 0.04918 | -0.04096 | 52                     |     |        |                        |
| WERE        | GILL ENERGY CENTER UNIT 2         | 1                       | 74.0                | 0.00815  | WERE      | TECUMSE                | 1   | 48.0              | 0.04918 | -0.04103 | 52                     |     |        |                        |
| WERE        | GILL ENERGY CENTER UNIT 3         | 1                       | 112.0               | 0.00825  | WERE      | TECUMSE                | 1   | 48.0              | 0.04918 | -0.04093 | 52                     |     |        |                        |
| WERE        | GILL ENERGY CENTER UNIT 4         | 1                       | 106.0               | 0.00828  | WERE      | TECUMSE                | 1   | 48.0              | 0.04918 | -0.0409  | 52                     |     |        |                        |
| WERE        | GILL ENERGY CENTER UNIT 1         | 1                       | 44.0                | 0.00815  | WERE      | TECUMSE                | 1   | 48.0              | 0.04918 | -0.04103 | 52                     |     |        |                        |
| WERE        | EVANS ENERGY CENTER GAS TURBINE 3 | 1                       | 154.0               | 0.00953  | WERE      | TECUMSE                | 1   | 40.0              | 0.04918 | -0.03965 | 53                     |     |        |                        |
| WERE        | EVANS ENERGY CENTER GAS TURBINE 2 | 1                       | 80.0                | 0.00953  | WERE      | TECUMSE                | 1   | 40.0              | 0.04918 | -0.03965 | 53                     |     |        |                        |
| WERE        | EVANS ENERGY CENTER GAS TURBINE 1 | 1                       | 80.0                | 0.00953  | WERE      | TECUMSE                | 1   | 40.0              | 0.04918 | -0.03965 | 53                     |     |        |                        |
| WERE        | EVANS ENERGY CENTER GAS TURBINE 3 | 1                       | 154.0               | 0.00953  | WERE      | TECUMSE                | 1   | 48.0              | 0.04918 | -0.03965 | 53                     |     |        |                        |
| WERE        | EVANS ENERGY CENTER GAS TURBINE 2 | 1                       | 80.0                | 0.00953  | WERE      | TECUMSE                | 1   | 48.0              | 0.04918 | -0.03965 | 53                     |     |        |                        |
| WERE        | EVANS ENERGY CENTER GAS TURBINE 1 | 1                       | 80.0                | 0.00953  | WERE      | TECUMSE                | 1   | 48.0              | 0.04918 | -0.03965 | 53                     |     |        |                        |
| WERE        | EVANS ENERGY CENTER UNIT 1        | 1                       | 151.0               | 0.00954  | WERE      | TECUMSE                | 1   | 40.0              | 0.04918 | -0.03964 | 54                     |     |        |                        |
| WERE        | EVANS ENERGY CENTER UNIT 2        | 1                       | 202.3               | 0.00954  | WERE      | TECUMSE                | 1   | 40.0              | 0.04918 | -0.03964 | 54                     |     |        |                        |
| WERE        | EVANS ENERGY CENTER UNIT 2        | 1                       | 202.3               | 0.00954  | WERE      | TECUMSE                | 1   | 48.0              | 0.04918 | -0.03964 | 54                     |     |        |                        |
| WERE        | EVANS ENERGY CENTER UNIT 1        | 1                       | 151.0               | 0.00954  | WERE      | TECUMSE                | 1   | 48.0              | 0.04918 | -0.03964 | 54                     |     |        |                        |
| WERE        | GETTY                             | 1                       | 35.0                | -0.00293 | WERE      | LAWRENC                | 1   | 25.0              | 0.03443 | -0.03736 | 57                     |     |        |                        |
| WERE        | GETTY                             | 1                       | 35.0                | -0.00293 | WERE      | LAWRENC                | 1   | 60.0              | 0.03451 | -0.03744 | 57                     |     |        |                        |
| WERE        | GETTY                             | 1                       | 35.0                | -0.00293 | WERE      | LAWRENC                | 1   | 226.8             | 0.03428 | -0.03721 | 57                     |     |        |                        |
| WERE        | NEOSHO ENERGY CENTER UNIT 3       | 1                       | 67.0                | 0.00822  | WERE      | JEFFREY                | 1   | 470.0             | 0.04072 | -0.0325  | 65                     |     |        |                        |
| WERE        | GILL ENERGY CENTER UNIT 1         | 1                       | 44.0                | 0.00815  | WERE      | JEFFREY                | 1   | 470.0             | 0.04072 | -0.03257 | 65                     |     |        |                        |
| WERE        | GILL ENERGY CENTER UNIT 2         | 1                       | 74.0                | 0.00815  | WERE      | JEFFREY                | 1   | 470.0             | 0.04072 | -0.03257 | 65                     |     |        |                        |
| WERE        | GILL ENERGY CENTER UNIT 4         | 1                       | 106.0               | 0.00828  | WERE      | JEFFREY                | 1   | 470.0             | 0.04072 | -0.03244 | 65                     |     |        |                        |
| WERE        | GILL ENERGY CENTER UNIT 3         | 1                       | 112.0               | 0.00825  | WERE      | JEFFREY                | 1   | 470.0             | 0.04072 | -0.03247 | 65                     |     |        |                        |
| WERE        | GILL ENERGY CENTER UNIT 2         | 1                       | 74.0                | 0.00815  | WERE      | JEFFREY                | 1   | 470.0             | 0.04072 | -0.03257 | 65                     |     |        |                        |
| WERE        | GILL ENERGY CENTER UNIT 1         | 1                       | 44.0                | 0.00815  | WERE      | JEFFREY                | 1   | 470.0             | 0.04072 | -0.03257 | 65                     |     |        |                        |
| WERE        | GILL ENERGY CENTER UNIT 3         | 1                       | 112.0               | 0.00825  | WERE      | JEFFREY                | 1   | 470.0             | 0.04072 | -0.03247 | 65                     |     |        |                        |
| WERE        | NEOSHO ENERGY CENTER UNIT 3       | 1                       | 67.0                | 0.00822  | WERE      | JEFFREY                | 1   | 470.0             | 0.04072 | -0.0325  | 65                     |     |        |                        |
| WERE        | GILL ENERGY CENTER UNIT 4         | 1                       | 106.0               | 0.00828  | WERE      | JEFFREY                | 1   | 470.0             | 0.04072 | -0.03244 | 65                     |     |        |                        |
| WERE        | EVANS ENERGY CENTER GAS TURBINE 2 | 1                       | 80.0                | 0.00953  | WERE      | JEFFREY                | 1   | 470.0             | 0.04072 | -0.03119 | 68                     |     |        |                        |
| WERE        | EVANS ENERGY CENTER UNIT 1        | 1                       | 151.0               | 0.00954  | WERE      | JEFFREY                | 1   | 470.0             | 0.04072 | -0.03118 | 68                     |     |        |                        |
| WERE        | EVANS ENERGY CENTER GAS TURBINE 3 | 1                       | 154.0               | 0.00953  | WERE      | JEFFREY                | 1   | 470.0             | 0.04072 | -0.03119 | 68                     |     |        |                        |
| WERE        | EVANS ENERGY CENTER UNIT 2        | 1                       | 202.3               | 0.00954  | WERE      | JEFFREY                | 1   | 470.0             | 0.04072 | -0.03118 | 68                     |     |        |                        |
| WERE        | EVANS ENERGY CENTER GAS TURBINE 1 | 1                       | 80.0                | 0.00953  | WERE      | JEFFREY                | 1   | 470.0             | 0.04072 | -0.03119 | 68                     |     |        |                        |
| WERE        | EVANS ENERGY CENTER GAS TURBINE 2 | 1                       | 80.0                | 0.00953  | WERE      | JEFFREY                | 1   | 470.0             | 0.04072 | -0.03119 | 68                     |     |        |                        |
| WERE        | EVANS ENERGY CENTER GAS TURBINE 1 | 1                       | 80.0                | 0.00953  | WERE      | JEFFREY                | 1   | 470.0             | 0.04072 | -0.03119 | 68                     |     |        |                        |
| WERE        | EVANS ENERGY CENTER GAS TURBINE 3 | 1                       | 154.0               | 0.00953  | WERE      | JEFFREY                | 1   | 470.0             | 0.04072 | -0.03119 | 68                     |     |        |                        |
| WERE        | EVANS ENERGY CENTER UNIT 1        | 1                       | 151.0               | 0.00954  | WERE      | JEFFREY                | 1   | 470.0             | 0.04072 | -0.03118 | 68                     |     |        |                        |
| WERE        | EVANS ENERGY CENTER UNIT 2        | 1                       | 202.3               | 0.00954  | WERE      | JEFFREY                | 1   | 470.0             | 0.04072 | -0.03118 | 68                     |     |        |                        |

Maximum Decrement and Maximum Increment were determined from the Source and Sink Operating Points in the study models where limiting facility was identified.

Factor = Source GSF - Sink GSF

Redispatch Amount = Relief Amount / Factor

**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: MARTIN CITY - TURNER ROAD SUBSTATION 161KV CKT 1  
 Limiting Facility: MARTIN CITY - TURNER ROAD SUBSTATION 161KV CKT 1  
 Direction: To->From  
 Line Outage: GRD OAK - PLEASANT HILL 345KV CKT 1  
 Flowgate: 59210592591591985920011106SP  
 Date Redispatch Needed: 6/1/06-10/1/06

| Reservation         |                                     | Relief Amount |                        | Aggregate Relief Amount |                   |          |         |                        |          |          |                        |  |
|---------------------|-------------------------------------|---------------|------------------------|-------------------------|-------------------|----------|---------|------------------------|----------|----------|------------------------|--|
| 977015 or 977018    |                                     | 1.2           |                        | 1.2                     |                   |          |         |                        |          |          |                        |  |
| Source Control Area | Source                              | Source Id     | Maximum Increment (MW) | GSF                     | Sink Control Area | Sink     | Sink Id | Maximum Decrement (MW) | GSF      | Factor   | Redispatch Amount (MW) |  |
| MIPU                | TWA#1                               | 1             | 14.6                   | -0.02373                | MIPU              | SHARPR#  | 1       | 105.0                  | 0.38754  | -0.41127 | 3                      |  |
| MIPU                | SIBLEY GENERATING UNIT #3           | 3             | 20.1                   | -0.03203                | MIPU              | SHARPR#  | 1       | 105.0                  | 0.38754  | -0.41957 | 3                      |  |
| MIPU                | ARIES COMBUSTION TURBINE #2         | 1             | 165.0                  | -0.04243                | MIPU              | SHARPR#  | 1       | 105.0                  | 0.38754  | -0.42997 | 3                      |  |
| MIPU                | ARIES COMBUSTION TURBINE #1         | 1             | 21.0                   | -0.04243                | MIPU              | SHARPR#  | 1       | 105.0                  | 0.38754  | -0.42997 | 3                      |  |
| MIPU                | LAKE ROAD                           | 1             | 135.0                  | -0.01533                | MIPU              | SHARPR#  | 1       | 105.0                  | 0.38754  | -0.40287 | 3                      |  |
| MIPU                | TWA#2                               | 1             | 17.5                   | -0.02373                | MIPU              | SHARPR#  | 1       | 105.0                  | 0.38754  | -0.41127 | 3                      |  |
| MIPU                | GREENWOOD GENERATING UNIT #3        | 3             | 62.3                   | -0.04535                | MIPU              | SHARPR#  | 1       | 105.0                  | 0.38754  | -0.43289 | 3                      |  |
| MIPU                | NEVADA GENERATING UNIT #1           | 1             | 20.3                   | -0.00986                | MIPU              | SHARPR#  | 1       | 105.0                  | 0.38754  | -0.3974  | 3                      |  |
| MIPU                | GREENWOOD GENERATING UNIT #2        | 2             | 64.0                   | -0.04535                | MIPU              | SHARPR#  | 1       | 105.0                  | 0.38754  | -0.43289 | 3                      |  |
| MIPU                | ARIES STEAM TURBINE                 | 1             | 265.0                  | -0.04243                | MIPU              | SHARPR#  | 1       | 105.0                  | 0.38754  | -0.42997 | 3                      |  |
| MIPU                | GREENWOOD GENERATING UNIT #1        | 1             | 63.8                   | -0.04535                | MIPU              | SHARPR#  | 1       | 105.0                  | 0.38754  | -0.43289 | 3                      |  |
| MIPU                | LAKE ROAD                           | 1             | 135.0                  | -0.01533                | MIPU              | SHARPR#  | 2       | 105.0                  | 0.38754  | -0.40287 | 3                      |  |
| MIPU                | ARIES COMBUSTION TURBINE #2         | 1             | 165.0                  | -0.04243                | MIPU              | SHARPR#  | 2       | 105.0                  | 0.38754  | -0.42997 | 3                      |  |
| MIPU                | ARIES STEAM TURBINE                 | 1             | 265.0                  | -0.04243                | MIPU              | SHARPR#  | 2       | 105.0                  | 0.38754  | -0.42997 | 3                      |  |
| MIPU                | TWA#2                               | 1             | 17.5                   | -0.02373                | MIPU              | SHARPR#  | 2       | 105.0                  | 0.38754  | -0.41127 | 3                      |  |
| MIPU                | TWA#1                               | 1             | 14.6                   | -0.02373                | MIPU              | SHARPR#  | 2       | 105.0                  | 0.38754  | -0.41127 | 3                      |  |
| MIPU                | NEVADA GENERATING UNIT #1           | 1             | 20.3                   | -0.00986                | MIPU              | SHARPR#  | 2       | 105.0                  | 0.38754  | -0.3974  | 3                      |  |
| MIPU                | GREENWOOD GENERATING UNIT #3        | 3             | 62.3                   | -0.04535                | MIPU              | SHARPR#  | 2       | 105.0                  | 0.38754  | -0.43289 | 3                      |  |
| MIPU                | GREENWOOD GENERATING UNIT #2        | 2             | 64.0                   | -0.04535                | MIPU              | SHARPR#  | 2       | 105.0                  | 0.38754  | -0.43289 | 3                      |  |
| MIPU                | GREENWOOD GENERATING UNIT #1        | 1             | 63.8                   | -0.04535                | MIPU              | SHARPR#  | 2       | 105.0                  | 0.38754  | -0.43289 | 3                      |  |
| MIPU                | SIBLEY GENERATING UNIT #3           | 3             | 20.1                   | -0.03203                | MIPU              | SHARPR#  | 2       | 105.0                  | 0.38754  | -0.41957 | 3                      |  |
| MIPU                | ARIES COMBUSTION TURBINE #1         | 1             | 21.0                   | -0.04243                | MIPU              | SHARPR#  | 2       | 105.0                  | 0.38754  | -0.42997 | 3                      |  |
| MIPU                | SIBLEY GENERATING UNIT #3           | 3             | 20.1                   | -0.03203                | MIPU              | SHARPR#  | 3       | 105.0                  | 0.38754  | -0.41957 | 3                      |  |
| MIPU                | GREENWOOD GENERATING UNIT #1        | 1             | 63.8                   | -0.04535                | MIPU              | SHARPR#  | 3       | 105.0                  | 0.38754  | -0.43289 | 3                      |  |
| MIPU                | GREENWOOD GENERATING UNIT #2        | 2             | 64.0                   | -0.04535                | MIPU              | SHARPR#  | 3       | 105.0                  | 0.38754  | -0.43289 | 3                      |  |
| MIPU                | GREENWOOD GENERATING UNIT #3        | 3             | 62.3                   | -0.04535                | MIPU              | SHARPR#  | 3       | 105.0                  | 0.38754  | -0.43289 | 3                      |  |
| MIPU                | NEVADA GENERATING UNIT #1           | 1             | 20.3                   | -0.00986                | MIPU              | SHARPR#  | 3       | 105.0                  | 0.38754  | -0.3974  | 3                      |  |
| MIPU                | TWA#1                               | 1             | 14.6                   | -0.02373                | MIPU              | SHARPR#  | 3       | 105.0                  | 0.38754  | -0.41127 | 3                      |  |
| MIPU                | TWA#2                               | 1             | 17.5                   | -0.02373                | MIPU              | SHARPR#  | 3       | 105.0                  | 0.38754  | -0.41127 | 3                      |  |
| MIPU                | ARIES STEAM TURBINE                 | 1             | 265.0                  | -0.04243                | MIPU              | SHARPR#  | 3       | 105.0                  | 0.38754  | -0.42997 | 3                      |  |
| MIPU                | ARIES COMBUSTION TURBINE #1         | 1             | 21.0                   | -0.04243                | MIPU              | SHARPR#  | 3       | 105.0                  | 0.38754  | -0.42997 | 3                      |  |
| MIPU                | LAKE ROAD                           | 1             | 135.0                  | -0.01533                | MIPU              | SHARPR#  | 3       | 105.0                  | 0.38754  | -0.40287 | 3                      |  |
| MIPU                | ARIES COMBUSTION TURBINE #2         | 1             | 165.0                  | -0.04243                | MIPU              | SHARPR#  | 3       | 105.0                  | 0.38754  | -0.42997 | 3                      |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3      | 3             | 73.7                   | 0.07663                 | MIPU              | SHARPR#  | 1       | 105.0                  | 0.38754  | -0.31091 | 4                      |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3      | 3             | 73.7                   | 0.07663                 | MIPU              | SHARPR#  | 2       | 105.0                  | 0.38754  | -0.31091 | 4                      |  |
| MIPU                | RALPH GREEN GENERATING UNIT #3      | 3             | 73.7                   | 0.07663                 | MIPU              | SHARPR#  | 3       | 105.0                  | 0.38754  | -0.31091 | 4                      |  |
| KACP                | NORTHEAST CT #11                    | 1             | 26.0                   | -0.02844                | KACP              | LACYGNE  | 1       | 469.1                  | 0.03976  | -0.0682  | 17                     |  |
| KACP                | NORTHEAST COMBUSTINE TURBINES NORTH | 1             | 25.0                   | -0.02844                | KACP              | LACYGNE  | 1       | 469.1                  | 0.03976  | -0.0682  | 17                     |  |
| KACP                | NORTHEAST CT #18                    | 1             | 58.0                   | -0.02844                | KACP              | LACYGNE  | 1       | 469.1                  | 0.03976  | -0.0682  | 17                     |  |
| KACP                | NORTHEAST CT #15                    | 1             | 58.0                   | -0.02844                | KACP              | LACYGNE  | 1       | 469.1                  | 0.03976  | -0.0682  | 17                     |  |
| KACP                | NORTHEAST CT #14                    | 1             | 58.0                   | -0.02844                | KACP              | LACYGNE  | 1       | 469.1                  | 0.03976  | -0.0682  | 17                     |  |
| KACP                | NORTHEAST CT #16                    | 1             | 58.0                   | -0.02844                | KACP              | LACYGNE  | 1       | 469.1                  | 0.03976  | -0.0682  | 17                     |  |
| KACP                | NORTHEAST CT #13                    | 1             | 26.0                   | -0.02844                | KACP              | LACYGNE  | 1       | 469.1                  | 0.03976  | -0.0682  | 17                     |  |
| KACP                | NORTHEAST CT #17                    | 1             | 59.0                   | -0.02844                | KACP              | LACYGNE  | 1       | 469.1                  | 0.03976  | -0.0682  | 17                     |  |
| KACP                | GRAND AVENUE COMBUSTINE TURBINES    | 7             | 33.0                   | -0.02807                | KACP              | LACYGNE  | 1       | 469.1                  | 0.03976  | -0.06783 | 17                     |  |
| KACP                | GRAND AVENUE COMBUSTINE TURBINES    | 9             | 32.0                   | -0.02807                | KACP              | LACYGNE  | 1       | 469.1                  | 0.03976  | -0.06783 | 17                     |  |
| KACP                | NORTHEAST CT #18                    | 1             | 58.0                   | -0.02844                | KACP              | LACYGNE  | 2       | 469.1                  | 0.03976  | -0.0682  | 17                     |  |
| KACP                | NORTHEAST CT #14                    | 1             | 58.0                   | -0.02844                | KACP              | LACYGNE  | 2       | 469.1                  | 0.03976  | -0.0682  | 17                     |  |
| KACP                | NORTHEAST COMBUSTINE TURBINES NORTH | 1             | 25.0                   | -0.02844                | KACP              | LACYGNE  | 2       | 469.1                  | 0.03976  | -0.0682  | 17                     |  |
| KACP                | NORTHEAST CT #16                    | 1             | 58.0                   | -0.02844                | KACP              | LACYGNE  | 2       | 469.1                  | 0.03976  | -0.0682  | 17                     |  |
| KACP                | NORTHEAST CT #11                    | 1             | 26.0                   | -0.02844                | KACP              | LACYGNE  | 2       | 469.1                  | 0.03976  | -0.0682  | 17                     |  |
| KACP                | NORTHEAST CT #13                    | 1             | 26.0                   | -0.02844                | KACP              | LACYGNE  | 2       | 469.1                  | 0.03976  | -0.0682  | 17                     |  |
| KACP                | GRAND AVENUE COMBUSTINE TURBINES    | 7             | 33.0                   | -0.02807                | KACP              | LACYGNE  | 2       | 469.1                  | 0.03976  | -0.06783 | 17                     |  |
| KACP                | NORTHEAST CT #15                    | 1             | 58.0                   | -0.02844                | KACP              | LACYGNE  | 2       | 469.1                  | 0.03976  | -0.0682  | 17                     |  |
| KACP                | NORTHEAST CT #17                    | 1             | 59.0                   | -0.02844                | KACP              | LACYGNE  | 2       | 469.1                  | 0.03976  | -0.0682  | 17                     |  |
| KACP                | GRAND AVENUE COMBUSTINE TURBINES    | 9             | 32.0                   | -0.02807                | KACP              | LACYGNE  | 2       | 469.1                  | 0.03976  | -0.06783 | 17                     |  |
| KACP                | MONTRORSE UNIT #3                   | 3             | 19.0                   | -0.01984                | KACP              | LACYGNE  | 1       | 469.1                  | 0.03976  | -0.0596  | 20                     |  |
| KACP                | MONTRORSE UNIT #3                   | 3             | 19.0                   | -0.01984                | KACP              | LACYGNE  | 2       | 469.1                  | 0.03976  | -0.0596  | 20                     |  |
| KACP                | GARDNER                             | 1             | 11.0                   | -0.00623                | KACP              | LACYGNE  | 1       | 469.1                  | 0.03976  | -0.04599 | 25                     |  |
| KACP                | GARDNER                             | 1             | 11.0                   | -0.00623                | KACP              | LACYGNE  | 2       | 469.1                  | 0.03976  | -0.04599 | 25                     |  |
| MIPU                | GREENWOOD GENERATING UNIT #3        | 3             | 62.3                   | -0.04535                | MIPU              | LAKE ROA | 1       | 117.0                  | -0.01533 | -0.03002 | 39                     |  |
| MIPU                | GREENWOOD GENERATING UNIT #2        | 2             | 64.0                   | -0.04535                | MIPU              | LAKE ROA | 1       | 117.0                  | -0.01533 | -0.03002 | 39                     |  |
| MIPU                | GREENWOOD GENERATING UNIT #1        | 1             | 63.8                   | -0.04535                | MIPU              | LAKE ROA | 1       | 117.0                  | -0.01533 | -0.03002 | 39                     |  |

Maximum Decrement and Maximum Increment were determine from the Souce and Sink Operating Points in the study models where limiting facility was identified.

Factor = Source GSF - Sink GSF

Redispatch Amount = Relief Amount / Factor

**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: WEST GARDNER (WGARD 11) 345/161/13.8KV TRANSFORMER CKT 11  
 Limiting Facility: WEST GARDNER (WGARD 11) 345/161/13.8KV TRANSFORMER CKT 11  
 Direction: From->To  
 Line Outage: CRAIG - WEST GARDNER 345KV CKT 1  
 Flowgate: WGAARD 1127511579775796513106SH  
 Date Redispatch Needed: 6/1/06-10/1/06

| Reservation         | Relief Amount                       |           | Aggregate Relief Amount |          |                   |           |         |                        |          |          |                        | Redispatch Amount (MW) |
|---------------------|-------------------------------------|-----------|-------------------------|----------|-------------------|-----------|---------|------------------------|----------|----------|------------------------|------------------------|
| 977013              | 0.4                                 |           | 0.4                     |          |                   |           |         |                        |          |          |                        |                        |
| Source Control Area | Source                              | Source Id | Maximum Increment (MW)  | GSF      | Sink Control Area | Sink      | Sink Id | Maximum Decrement (MW) | GSF      | Factor   | Redispatch Amount (MW) |                        |
| KACP                | GARDNER                             | 1         | 11.0                    | -0.29278 | KACP              | LACYGNE   | 1       | 469.0                  | 0.12689  | -0.41967 | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #1    | 1         | 77.0                    | -0.35621 | KACP              | LACYGNE   | 1       | 469.0                  | 0.12689  | -0.4831  | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #3    | 3         | 77.0                    | -0.35621 | KACP              | LACYGNE   | 1       | 469.0                  | 0.12689  | -0.4831  | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #2    | 2         | 77.0                    | -0.35621 | KACP              | LACYGNE   | 1       | 469.0                  | 0.12689  | -0.4831  | 1                      |                        |
| KACP                | BULL CREEK CT #4                    | 4         | 77.0                    | -0.35621 | KACP              | LACYGNE   | 1       | 469.0                  | 0.12689  | -0.4831  | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #2    | 2         | 77.0                    | -0.35621 | KACP              | LACYGNE   | 2       | 469.0                  | 0.12689  | -0.4831  | 1                      |                        |
| KACP                | BULL CREEK CT #4                    | 4         | 77.0                    | -0.35621 | KACP              | LACYGNE   | 2       | 469.0                  | 0.12689  | -0.4831  | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #3    | 3         | 77.0                    | -0.35621 | KACP              | LACYGNE   | 2       | 469.0                  | 0.12689  | -0.4831  | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #1    | 1         | 77.0                    | -0.35621 | KACP              | LACYGNE   | 2       | 469.0                  | 0.12689  | -0.4831  | 1                      |                        |
| KACP                | GARDNER                             | 1         | 11.0                    | -0.29278 | KACP              | LACYGNE   | 2       | 469.0                  | 0.12689  | -0.41967 | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #1    | 1         | 77.0                    | -0.35621 | KACP              | MONTR03   | 1       | 127.0                  | -0.03342 | -0.32279 | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #2    | 2         | 77.0                    | -0.35621 | KACP              | MONTR03   | 1       | 127.0                  | -0.03342 | -0.32279 | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #3    | 3         | 77.0                    | -0.35621 | KACP              | MONTR03   | 1       | 127.0                  | -0.03342 | -0.32279 | 1                      |                        |
| KACP                | BULL CREEK CT #4                    | 4         | 77.0                    | -0.35621 | KACP              | MONTR03   | 1       | 127.0                  | -0.03342 | -0.32279 | 1                      |                        |
| KACP                | BULL CREEK CT #4                    | 4         | 77.0                    | -0.35621 | KACP              | MONTR03   | 2       | 121.0                  | -0.03342 | -0.32279 | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #2    | 2         | 77.0                    | -0.35621 | KACP              | MONTR03   | 2       | 121.0                  | -0.03342 | -0.32279 | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #1    | 1         | 77.0                    | -0.35621 | KACP              | MONTR03   | 2       | 121.0                  | -0.03342 | -0.32279 | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #3    | 3         | 77.0                    | -0.35621 | KACP              | MONTR03   | 2       | 121.0                  | -0.03342 | -0.32279 | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #2    | 2         | 77.0                    | -0.35621 | KACP              | MONTR03   | 3       | 127.8                  | -0.03342 | -0.32279 | 1                      |                        |
| KACP                | BULL CREEK CT #4                    | 4         | 77.0                    | -0.35621 | KACP              | MONTR03   | 3       | 127.8                  | -0.03342 | -0.32279 | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #3    | 3         | 77.0                    | -0.35621 | KACP              | MONTR03   | 3       | 127.8                  | -0.03342 | -0.32279 | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #1    | 1         | 77.0                    | -0.35621 | KACP              | MONTR03   | 3       | 127.8                  | -0.03342 | -0.32279 | 1                      |                        |
| KACP                | BULL CREEK CT #4                    | 4         | 77.0                    | -0.35621 | KACP              | HAWTH0F   | 5       | 457.0                  | -0.05558 | -0.30063 | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #1    | 1         | 77.0                    | -0.35621 | KACP              | HAWTH0F   | 5       | 457.0                  | -0.05558 | -0.30063 | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #3    | 3         | 77.0                    | -0.35621 | KACP              | HAWTH0F   | 5       | 457.0                  | -0.05558 | -0.30063 | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #2    | 2         | 77.0                    | -0.35621 | KACP              | HAWTH0F   | 5       | 457.0                  | -0.05558 | -0.30063 | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #1    | 1         | 77.0                    | -0.35621 | KACP              | IATAN UN  | 1       | 390.0                  | -0.05979 | -0.29642 | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #3    | 3         | 77.0                    | -0.35621 | KACP              | IATAN UN  | 1       | 390.0                  | -0.05979 | -0.29642 | 1                      |                        |
| KACP                | BULL CREEK CT #4                    | 4         | 77.0                    | -0.35621 | KACP              | IATAN UN  | 1       | 390.0                  | -0.05979 | -0.29642 | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #2    | 2         | 77.0                    | -0.35621 | KACP              | IATAN UN  | 1       | 390.0                  | -0.05979 | -0.29642 | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #3    | 3         | 77.0                    | -0.35621 | KACP              | HAWTH0F   | 6       | 92.0                   | -0.05558 | -0.30063 | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #2    | 2         | 77.0                    | -0.35621 | KACP              | HAWTH0F   | 6       | 92.0                   | -0.05558 | -0.30063 | 1                      |                        |
| KACP                | BULL CREEK CT #4                    | 4         | 77.0                    | -0.35621 | KACP              | HAWTH0F   | 6       | 92.0                   | -0.05558 | -0.30063 | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #1    | 1         | 77.0                    | -0.35621 | KACP              | HAWTH0F   | 6       | 92.0                   | -0.05558 | -0.30063 | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #2    | 2         | 77.0                    | -0.35621 | KACP              | HAWTH0F   | 7       | 45.6                   | -0.0561  | -0.30011 | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #1    | 1         | 77.0                    | -0.35621 | KACP              | HAWTH0F   | 7       | 45.6                   | -0.0561  | -0.30011 | 1                      |                        |
| KACP                | BULL CREEK CT #4                    | 4         | 77.0                    | -0.35621 | KACP              | HAWTH0F   | 7       | 45.6                   | -0.0561  | -0.30011 | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #3    | 3         | 77.0                    | -0.35621 | KACP              | HAWTH0F   | 7       | 45.6                   | -0.0561  | -0.30011 | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #2    | 2         | 77.0                    | -0.35621 | KACP              | HAWTH0F   | 9       | 68.0                   | -0.05558 | -0.30063 | 1                      |                        |
| KACP                | BULL CREEK CT #4                    | 4         | 77.0                    | -0.35621 | KACP              | HAWTH0F   | 9       | 68.0                   | -0.05558 | -0.30063 | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #3    | 3         | 77.0                    | -0.35621 | KACP              | HAWTH0F   | 9       | 68.0                   | -0.05558 | -0.30063 | 1                      |                        |
| KACP                | BULL CREEK COMBUSTION TURBINE #1    | 1         | 77.0                    | -0.35621 | KACP              | HAWTH0F   | 9       | 68.0                   | -0.05558 | -0.30063 | 1                      |                        |
| KACP                | GARDNER                             | 1         | 11.0                    | -0.29278 | KACP              | MONTR03   | 1       | 127.0                  | -0.03342 | -0.25936 | 1                      |                        |
| KACP                | GARDNER                             | 1         | 11.0                    | -0.29278 | KACP              | MONTR03   | 2       | 121.0                  | -0.03342 | -0.25936 | 1                      |                        |
| KACP                | GARDNER                             | 1         | 11.0                    | -0.29278 | KACP              | MONTR03   | 3       | 127.8                  | -0.03342 | -0.25936 | 1                      |                        |
| KACP                | GARDNER                             | 1         | 11.0                    | -0.29278 | KACP              | HAWTH0F   | 5       | 457.0                  | -0.05558 | -0.2372  | 2                      |                        |
| KACP                | GARDNER                             | 1         | 11.0                    | -0.29278 | KACP              | IATAN UN  | 1       | 390.0                  | -0.05979 | -0.23299 | 2                      |                        |
| KACP                | GARDNER                             | 1         | 11.0                    | -0.29278 | KACP              | HAWTH0F   | 6       | 92.0                   | -0.05558 | -0.2372  | 2                      |                        |
| KACP                | GARDNER                             | 1         | 11.0                    | -0.29278 | KACP              | HAWTH0F   | 7       | 45.6                   | -0.0561  | -0.23668 | 2                      |                        |
| KACP                | GARDNER                             | 1         | 11.0                    | -0.29278 | KACP              | HAWTH0F   | 9       | 68.0                   | -0.05558 | -0.2372  | 2                      |                        |
| KACP                | PAOLA COMBUSTION TURBINES           | 1         | 77.0                    | -0.10209 | KACP              | LACYGNE   | 1       | 469.0                  | 0.12689  | -0.22898 | 2                      |                        |
| KACP                | PAOLA COMBUSTION TURBINES           | 1         | 77.0                    | -0.10209 | KACP              | LACYGNE   | 2       | 469.0                  | 0.12689  | -0.22898 | 2                      |                        |
| KACP                | NORTHEAST COMBUSTION TURBINES NORTH | 1         | 55.0                    | -0.06295 | KACP              | LACYGNE   | 1       | 469.0                  | 0.12689  | -0.18984 | 2                      |                        |
| KACP                | NORTHEAST CT #11                    | 1         | 56.0                    | -0.06295 | KACP              | LACYGNE   | 1       | 469.0                  | 0.12689  | -0.18984 | 2                      |                        |
| KACP                | NORTHEAST CT #14                    | 1         | 58.0                    | -0.06295 | KACP              | LACYGNE   | 1       | 469.0                  | 0.12689  | -0.18984 | 2                      |                        |
| KACP                | NORTHEAST CT #18                    | 1         | 58.0                    | -0.06295 | KACP              | LACYGNE   | 1       | 469.0                  | 0.12689  | -0.18984 | 2                      |                        |
| KACP                | NORTHEAST CT #17                    | 1         | 59.0                    | -0.06295 | KACP              | LACYGNE   | 1       | 469.0                  | 0.12689  | -0.18984 | 2                      |                        |
| KACP                | NORTHEAST CT #15                    | 1         | 58.0                    | -0.06295 | KACP              | LACYGNE   | 1       | 469.0                  | 0.12689  | -0.18984 | 2                      |                        |
| KACP                | NORTHEAST CT #13                    | 1         | 56.0                    | -0.06295 | KACP              | LACYGNE   | 1       | 469.0                  | 0.12689  | -0.18984 | 2                      |                        |
| KACP                | NORTHEAST CT #13                    | 1         | 56.0                    | -0.06295 | KACP              | LACYGNE   | 1       | 469.0                  | 0.12689  | -0.18984 | 2                      |                        |
| KACP                | GRAND AVENUE COMBUSTION TURBINES    | 9         | 32.0                    | -0.06471 | KACP              | LACYGNE   | 1       | 469.0                  | 0.12689  | -0.1916  | 2                      |                        |
| KACP                | GRAND AVENUE COMBUSTION TURBINES    | 7         | 33.0                    | -0.06471 | KACP              | LACYGNE   | 1       | 469.0                  | 0.12689  | -0.1916  | 2                      |                        |
| KACP                | NORTHEAST CT #16                    | 1         | 58.0                    | -0.06295 | KACP              | LACYGNE   | 1       | 469.0                  | 0.12689  | -0.18984 | 2                      |                        |
| KACP                | NORTHEAST COMBUSTION TURBINES NORTH | 1         | 55.0                    | -0.06295 | KACP              | LACYGNE   | 2       | 469.0                  | 0.12689  | -0.18984 | 2                      |                        |
| KACP                | NORTHEAST CT #11                    | 1         | 56.0                    | -0.06295 | KACP              | LACYGNE   | 2       | 469.0                  | 0.12689  | -0.18984 | 2                      |                        |
| KACP                | NORTHEAST CT #17                    | 1         | 59.0                    | -0.06295 | KACP              | LACYGNE   | 2       | 469.0                  | 0.12689  | -0.18984 | 2                      |                        |
| KACP                | NORTHEAST CT #16                    | 1         | 58.0                    | -0.06295 | KACP              | LACYGNE   | 2       | 469.0                  | 0.12689  | -0.18984 | 2                      |                        |
| KACP                | NORTHEAST CT #15                    | 1         | 58.0                    | -0.06295 | KACP              | LACYGNE   | 2       | 469.0                  | 0.12689  | -0.18984 | 2                      |                        |
| KACP                | NORTHEAST CT #13                    | 1         | 56.0                    | -0.06295 | KACP              | LACYGNE   | 2       | 469.0                  | 0.12689  | -0.18984 | 2                      |                        |
| KACP                | NORTHEAST CT #18                    | 1         | 58.0                    | -0.06295 | KACP              | LACYGNE   | 2       | 469.0                  | 0.12689  | -0.18984 | 2                      |                        |
| KACP                | GRAND AVENUE COMBUSTION TURBINES    | 9         | 32.0                    | -0.06471 | KACP              | LACYGNE   | 2       | 469.0                  | 0.12689  | -0.1916  | 2                      |                        |
| KACP                | GRAND AVENUE COMBUSTION TURBINES    | 7         | 33.0                    | -0.06471 | KACP              | LACYGNE   | 2       | 469.0                  | 0.12689  | -0.1916  | 2                      |                        |
| KACP                | NORTHEAST CT #14                    | 1         | 58.0                    | -0.06295 | KACP              | LACYGNE   | 2       | 469.0                  | 0.12689  | -0.18984 | 2                      |                        |
| KACP                | HAWTHORN COMBUSTION TURBINE #8      | 8         | 77.0                    | -0.0561  | KACP              | LACYGNE   | 1       | 469.0                  | 0.12689  | -0.18299 | 2                      |                        |
| KACP                | HAWTHORN COMBUSTION TURBINE #7      | 7         | 31.4                    | -0.0561  | KACP              | LACYGNE   | 1       | 469.0                  | 0.12689  | -0.18299 | 2                      |                        |
| KACP                | HAWTHORN COMBUSTION TURBINE #8      | 8         | 77.0                    | -0.0561  | KACP              | LACYGNE   | 2       | 469.0                  | 0.12689  | -0.18299 | 2                      |                        |
| KACP                | HAWTHORN COMBUSTION TURBINE #7      | 7         | 31.4                    | -0.0561  | KACP              | LACYGNE   | 2       | 469.0                  | 0.12689  | -0.18299 | 2                      |                        |
| KACP                | CITY OF HIGGINSVILLE                | 1         | 36.0                    | -0.02902 | KACP              | LACYGNE   | 1       | 469.0                  | 0.12689  | -0.15591 | 2                      |                        |
| KACP                | CITY OF HIGGINSVILLE                | 1         | 36.0                    | -0.02902 | KACP              | LACYGNE   | 2       | 469.0                  | 0.12689  | -0.15591 | 2                      |                        |
| WERE                | LAWRENCE ENERGY CENTER UNIT 4       | 1         | 19.0                    | -0.03741 | WERE              | GILL ENER | 1       | 77.0                   | 0.04228  | -0.07969 | 5                      |                        |
| WERE                | LAWRENCE ENERGY CENTER UNIT 4       | 1         | 19.0                    | -0.03741 | WERE              | WACO      | 1       | 18.0                   | 0.04218  | -0.07959 | 5                      |                        |
| WERE                | LAWRENCE ENERGY CENTER UNIT 4       | 1         | 19.0                    | -0.03741 | WERE              | EVANS EN  | 1       | 303.8                  | 0.04137  | -0.07878 | 5                      |                        |
| WERE                | LAWRENCE ENERGY CENTER UNIT 5       | 1         | 41.3                    | -0.03158 | WERE              | EVANS EN  | 1       | 303.8                  | 0.04137  | -0.07295 | 5                      |                        |
| WERE                | LAWRENCE ENERGY CENTER UNIT 5       | 1         | 41.3                    | -0.03158 | WERE              | GILL ENER | 1       | 77.0                   | 0.04228  | -0.07386 | 5                      |                        |
| WERE                | LAWRENCE ENERGY CENTER UNIT 5       | 1         | 41.3                    | -0.03158 | WERE              | WACO      | 1       | 18.0                   | 0.04218  | -0.07376 | 5                      |                        |
| WERE                | JEFFREY ENERGY CENTER UNIT 1        | 1         | 24.0                    | -0.0309  | WERE              | EVANS EN  | 1       | 303.8                  | 0.04137  | -0.07227 | 5                      |                        |

Maximum Decrement and Maximum Increment were determined from the Source and Sink Operating Points in the study models where limiting facility was identified.

Factor = Source GSF - Sink GSF

Redispatch Amount = Relief Amount / Factor

**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: WHITNEY 138/69/12.5KV TRANSFORMER  
 Limiting Facility: WHITNEY (WHITNEY1) 138/69/12.47KV TRANSFORMER CKT 1  
 Direction: From->To  
 Line Outage: WHITNEY (WHITNEY2) 138/69/12.47KV TRANSFORMER CKT 2  
 Flowgate: WHITNEY12421WHITNEY24222207SP  
 Date Redispatch Needed: 6/1/07-10/1/07

| Reservation         | Relief Amount                | Aggregate Relief Amount |                        |          |                   |         |         |                        |         |          |                        |  |
|---------------------|------------------------------|-------------------------|------------------------|----------|-------------------|---------|---------|------------------------|---------|----------|------------------------|--|
| 897453              | 2.1                          | 2.1                     |                        |          |                   |         |         |                        |         |          |                        |  |
| Source Control Area | Source                       | Source Id               | Maximum Increment (MW) | GSF      | Sink Control Area | Sink    | Sink Id | Maximum Decrement (MW) | GSF     | Factor   | Redispatch Amount (MW) |  |
| AEPW                | GRANIS                       | 1                       | 50.0                   | -0.00866 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.07484 | 28                     |  |
| AEPW                | GRANIS                       | 1                       | 50.0                   | -0.00866 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.07484 | 28                     |  |
| AEPW                | GRANIS                       | 1                       | 50.0                   | -0.00866 | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.07484 | 28                     |  |
| AEPW                | WILKES #2                    | 1                       | 29.2                   | -0.00486 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.07104 | 30                     |  |
| AEPW                | WILKES #2                    | 1                       | 29.2                   | -0.00486 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.07104 | 30                     |  |
| AEPW                | WILKES #2                    | 1                       | 29.2                   | -0.00486 | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.07104 | 30                     |  |
| AEPW                | KIOWA STEAM 1                | 1                       | 320.0                  | -0.00066 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06684 | 31                     |  |
| AEPW                | KIOWA GAS 1                  | 1                       | 177.0                  | -0.00066 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06684 | 31                     |  |
| AEPW                | WILKES #3                    | 1                       | 11.0                   | -0.00185 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06803 | 31                     |  |
| AEPW                | KIOWA GAS 2                  | 1                       | 177.0                  | -0.00066 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06684 | 31                     |  |
| AEPW                | KIOWA STEAM 2                | 1                       | 320.0                  | -0.00066 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06684 | 31                     |  |
| AEPW                | KIOWA GAS 4                  | 1                       | 177.0                  | -0.00066 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06684 | 31                     |  |
| AEPW                | KIOWA GAS 3                  | 1                       | 177.0                  | -0.00066 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06684 | 31                     |  |
| AEPW                | WILKES #3                    | 1                       | 11.0                   | -0.00185 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06803 | 31                     |  |
| AEPW                | KIOWA STEAM 1                | 1                       | 320.0                  | -0.00066 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06684 | 31                     |  |
| AEPW                | KIOWA GAS 3                  | 1                       | 177.0                  | -0.00066 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06684 | 31                     |  |
| AEPW                | KIOWA GAS 2                  | 1                       | 177.0                  | -0.00066 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06684 | 31                     |  |
| AEPW                | KIOWA GAS 1                  | 1                       | 177.0                  | -0.00066 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06684 | 31                     |  |
| AEPW                | KIOWA GAS 4                  | 1                       | 177.0                  | -0.00066 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06684 | 31                     |  |
| AEPW                | KIOWA STEAM 2                | 1                       | 320.0                  | -0.00066 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06684 | 31                     |  |
| AEPW                | KIOWA STEAM 2                | 1                       | 320.0                  | -0.00066 | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.06684 | 31                     |  |
| AEPW                | KIOWA GAS 3                  | 1                       | 177.0                  | -0.00066 | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.06684 | 31                     |  |
| AEPW                | KIOWA GAS 4                  | 1                       | 177.0                  | -0.00066 | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.06684 | 31                     |  |
| AEPW                | KIOWA STEAM 1                | 1                       | 320.0                  | -0.00066 | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.06684 | 31                     |  |
| AEPW                | KIOWA GAS 2                  | 1                       | 177.0                  | -0.00066 | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.06684 | 31                     |  |
| AEPW                | KIOWA GAS 1                  | 1                       | 177.0                  | -0.00066 | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.06684 | 31                     |  |
| AEPW                | WILKES #3                    | 1                       | 11.0                   | -0.00185 | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.06803 | 31                     |  |
| AEPW                | LIEBERMAN #2                 | 1                       | 27.0                   | 0.00013  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06605 | 32                     |  |
| AEPW                | TULSA POWER STATION # 4      | 1                       | 35.0                   | -0.0004  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06658 | 32                     |  |
| AEPW                | OECS2-2                      | 1                       | 175.0                  | -0.00039 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06657 | 32                     |  |
| AEPW                | OECS2-1                      | 1                       | 175.0                  | -0.00039 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06657 | 32                     |  |
| AEPW                | LIEBERMAN #1                 | 1                       | 27.0                   | 0.00013  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06605 | 32                     |  |
| AEPW                | OECS2M 2                     | 1                       | 255.0                  | -0.00039 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06657 | 32                     |  |
| AEPW                | OECS2-1                      | 1                       | 175.0                  | -0.00039 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06657 | 32                     |  |
| AEPW                | OECS2-1                      | 1                       | 175.0                  | -0.00039 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06657 | 32                     |  |
| AEPW                | RIVERSIDE STATION #1         | 1                       | 27.0                   | -0.00041 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06659 | 32                     |  |
| AEPW                | OECS2M 1                     | 1                       | 36.0                   | -0.00039 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06657 | 32                     |  |
| AEPW                | SOUTHWESTERN STATION #1      | 1                       | 16.0                   | -0.00054 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06672 | 32                     |  |
| AEPW                | WEELETKA TERTIARY # 6        | 1                       | 53.0                   | -0.0005  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06668 | 32                     |  |
| AEPW                | SOUTHWESTERN STATION #3      | 1                       | 20.0                   | -0.00054 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06672 | 32                     |  |
| AEPW                | WEELETKA TERTIARY # 5        | 1                       | 54.0                   | -0.0005  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06668 | 32                     |  |
| AEPW                | TULSA POWER STATION # 1      | 1                       | 31.0                   | -0.0004  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06658 | 32                     |  |
| AEPW                | WEELETKA TERTIARY # 4        | 1                       | 55.0                   | -0.0005  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06668 | 32                     |  |
| AEPW                | COGENTRIX GAS TERTIARY # 3   | G                       | 183.0                  | -0.0004  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06658 | 32                     |  |
| AEPW                | COGENTRIX GAS TERTIARY # 2   | G                       | 183.0                  | -0.0004  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06658 | 32                     |  |
| AEPW                | COGENTRIX STEAM TERTIARY # 2 | S                       | 115.0                  | -0.0004  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06658 | 32                     |  |
| AEPW                | COGENTRIX STEAM TERTIARY # 1 | S                       | 98.0                   | -0.0004  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06658 | 32                     |  |
| AEPW                | COGENTRIX STEAM TERTIARY # 3 | S                       | 115.0                  | -0.0004  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06658 | 32                     |  |
| AEPW                | SOUTHWESTERN STATION #3      | 1                       | 20.0                   | -0.00054 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06672 | 32                     |  |
| AEPW                | SOUTHWESTERN STATION #1      | 1                       | 16.0                   | -0.00054 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06672 | 32                     |  |
| AEPW                | RIVERSIDE STATION #1         | 1                       | 27.0                   | -0.00041 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06659 | 32                     |  |
| AEPW                | TULSA POWER STATION # 1      | 1                       | 31.0                   | -0.0004  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06658 | 32                     |  |
| AEPW                | LIEBERMAN #2                 | 1                       | 27.0                   | 0.00013  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06605 | 32                     |  |
| AEPW                | LIEBERMAN #1                 | 1                       | 27.0                   | 0.00013  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06605 | 32                     |  |
| AEPW                | OECS2-1                      | 1                       | 175.0                  | -0.00039 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06657 | 32                     |  |
| AEPW                | OECS2-2                      | 1                       | 175.0                  | -0.00039 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06657 | 32                     |  |
| AEPW                | OECS2-1                      | 1                       | 175.0                  | -0.00039 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06657 | 32                     |  |
| AEPW                | OECS2M 2                     | 1                       | 255.0                  | -0.00039 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06657 | 32                     |  |
| AEPW                | TULSA POWER STATION # 4      | 1                       | 35.0                   | -0.0004  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06658 | 32                     |  |
| AEPW                | COGENTRIX STEAM TERTIARY # 1 | S                       | 98.0                   | -0.0004  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06658 | 32                     |  |
| AEPW                | COGENTRIX GAS TERTIARY # 2   | G                       | 183.0                  | -0.0004  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06658 | 32                     |  |
| AEPW                | OECS2-1                      | 1                       | 175.0                  | -0.00039 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06657 | 32                     |  |
| AEPW                | WEELETKA TERTIARY # 5        | 1                       | 54.0                   | -0.0005  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06668 | 32                     |  |
| AEPW                | OECS2M 1                     | 1                       | 36.0                   | -0.00039 | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06657 | 32                     |  |
| AEPW                | COGENTRIX STEAM TERTIARY # 2 | S                       | 115.0                  | -0.0004  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06658 | 32                     |  |
| AEPW                | WEELETKA TERTIARY # 6        | 1                       | 53.0                   | -0.0005  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06668 | 32                     |  |
| AEPW                | COGENTRIX STEAM TERTIARY # 3 | S                       | 115.0                  | -0.0004  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06658 | 32                     |  |
| AEPW                | WEELETKA TERTIARY # 4        | 1                       | 55.0                   | -0.0005  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06668 | 32                     |  |
| AEPW                | COGENTRIX GAS TERTIARY # 3   | G                       | 183.0                  | -0.0004  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.06658 | 32                     |  |
| AEPW                | COGENTRIX STEAM TERTIARY # 3 | S                       | 115.0                  | -0.0004  | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.06658 | 32                     |  |
| AEPW                | COGENTRIX GAS TERTIARY # 3   | G                       | 183.0                  | -0.0004  | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.06658 | 32                     |  |
| AEPW                | COGENTRIX STEAM TERTIARY # 2 | S                       | 115.0                  | -0.0004  | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.06658 | 32                     |  |
| AEPW                | COGENTRIX STEAM TERTIARY # 1 | S                       | 98.0                   | -0.0004  | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.06658 | 32                     |  |
| AEPW                | COGENTRIX GAS TERTIARY # 2   | G                       | 183.0                  | -0.0004  | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.06658 | 32                     |  |
| AEPW                | OECS2M 1                     | 1                       | 36.0                   | -0.00039 | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.06657 | 32                     |  |
| AEPW                | TULSA POWER STATION # 4      | 1                       | 35.0                   | -0.0004  | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.06658 | 32                     |  |
| AEPW                | TULSA POWER STATION # 1      | 1                       | 31.0                   | -0.0004  | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.06658 | 32                     |  |
| AEPW                | WEELETKA TERTIARY # 4        | 1                       | 55.0                   | -0.0005  | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.06668 | 32                     |  |
| AEPW                | SOUTHWESTERN STATION #3      | 1                       | 20.0                   | -0.00054 | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.06672 | 32                     |  |
| AEPW                | WEELETKA TERTIARY # 5        | 1                       | 54.0                   | -0.0005  | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.06668 | 32                     |  |
| AEPW                | SOUTHWESTERN STATION #1      | 1                       | 16.0                   | -0.00054 | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.06672 | 32                     |  |
| AEPW                | RIVERSIDE STATION #1         | 1                       | 27.0                   | -0.00041 | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.06659 | 32                     |  |
| AEPW                | OECS2-1                      | 1                       | 175.0                  | -0.00039 | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.06657 | 32                     |  |
| AEPW                | OECS2-2                      | 1                       | 175.0                  | -0.00039 | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.06657 | 32                     |  |
| AEPW                | WEELETKA TERTIARY # 6        | 1                       | 53.0                   | -0.0005  | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.06668 | 32                     |  |
| AEPW                | LIEBERMAN #1                 | 1                       | 27.0                   | 0.00013  | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.06605 | 32                     |  |
| AEPW                | OECS2-2                      | 1                       | 175.0                  | -0.00039 | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.06657 | 32                     |  |
| AEPW                | OECS2-1                      | 1                       | 175.0                  | -0.00039 | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.06657 | 32                     |  |
| AEPW                | OECS2M 2                     | 1                       | 255.0                  | -0.00039 | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.06657 | 32                     |  |
| AEPW                | LIEBERMAN #2                 | 1                       | 27.0                   | 0.00013  | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.06605 | 32                     |  |
| AEPW                | TENASKA GATEWAY GAS 3        | 1                       | 400.0                  | 0.00758  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.0586  | 36                     |  |
| AEPW                | TENASKA GATEWAY GAS 2        | 1                       | 179.0                  | 0.00758  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.0586  | 36                     |  |
| AEPW                | TENASKA GATEWAY GAS 1        | 1                       | 179.0                  | 0.00758  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.0586  | 36                     |  |
| AEPW                | TENASKA GATEWAY STEAM 1      | 1                       | 179.0                  | 0.00758  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.0586  | 36                     |  |
| AEPW                | TENASKA GATEWAY STEAM 1      | 1                       | 179.0                  | 0.00758  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.0586  | 36                     |  |
| AEPW                | TENASKA GATEWAY GAS 2        | 1                       | 179.0                  | 0.00758  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.0586  | 36                     |  |
| AEPW                | TENASKA GATEWAY GAS 1        | 1                       | 179.0                  | 0.00758  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.0586  | 36                     |  |
| AEPW                | TENASKA GATEWAY GAS 3        | 1                       | 400.0                  | 0.00758  | AEPW              | EASTMAN | 1       | 178.5                  | 0.06618 | -0.0586  | 36                     |  |
| AEPW                | TENASKA GATEWAY STEAM 1      | 1                       | 179.0                  | 0.00758  | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.0586  | 36                     |  |
| AEPW                | TENASKA GATEWAY GAS 3        | 1                       | 400.0                  | 0.00758  | AEPW              | EASTMAN | 1       | 28.0                   | 0.06618 | -0.0586  | 36                     |  |

Maximum Decrement and Maximum Increment were determined from the Source and Sink Operating Points in the study models where limiting facility was identified.

Factor = Source GSF - Sink GSF

Redispatch Amount = Relief Amount / Factor

**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: Wichita - Reno Co 345KV  
 Limiting Facility: EXIDE JUNCTION - NORTH AMERICAN PHILIPS 115KV CKT 1  
 Direction: To->From  
 Line Outage: NORTHVIEW - SUMMIT 115KV CKT 1  
 Flowgate: 57368573721573715738112206SH  
 Date Redispatch Needed: 6/1/06 - 10/1/06, 6/1/07 - 10/1/07, 6/1/08 - 10/1/08, 6/1/09 - 10/1/09, & 6/1/10 - 10/1/10

| Reservation         | Relief Amount                          | Aggregate Relief Amount |                        |          |                   |           |         |                        |          |          |                        |  |
|---------------------|--|-------------------------|------------------------|----------|-------------------|-----------|---------|------------------------|----------|----------|------------------------|--|
| 974561              | 2.3                                    | 2.5                     |                        |          |                   |           |         |                        |          |          |                        |  |
| 974662              | 0.1                                    | 2.5                     |                        |          |                   |           |         |                        |          |          |                        |  |
| 974988              | 0.1                                    | 2.5                     |                        |          |                   |           |         |                        |          |          |                        |  |
| Source Control Area | Source                                 | Source Id               | Maximum Increment (MW) | GSF      | Sink Control Area | Sink      | Sink Id | Maximum Decrement (MW) | GSF      | Factor   | Redispatch Amount (MW) |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.19045 | WERE              | JEFFREY   | 1       | 470.0                  | 0.00065  | -0.1911  | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.19045 | WERE              | JEFFREY   | 1       | 470.0                  | 0.00065  | -0.1911  | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.19045 | WERE              | JEFFREY   | 1       | 470.0                  | 0.00065  | -0.1911  | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.19045 | WERE              | JEFFREY   | 1       | 470.0                  | 0.00065  | -0.1911  | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.19045 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01145  | -0.2019  | 12                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.19045 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01145  | -0.2019  | 12                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.19045 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01145  | -0.2019  | 12                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.19045 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01145  | -0.2019  | 12                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.19045 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01145  | -0.2019  | 12                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.19045 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01145  | -0.2019  | 12                     |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.19045 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01145  | -0.2019  | 12                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.19045 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01145  | -0.2019  | 12                     |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.19045 | WERE              | LAWRENC   | 1       | 25.0                   | -0.00079 | -0.18966 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.19045 | WERE              | LAWRENC   | 1       | 25.0                   | -0.00079 | -0.18966 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.19045 | WERE              | LAWRENC   | 1       | 25.0                   | -0.00079 | -0.18966 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.19045 | WERE              | LAWRENC   | 1       | 25.0                   | -0.00079 | -0.18966 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.19045 | WERE              | LAWRENC   | 1       | 60.0                   | -0.0008  | -0.18965 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.19045 | WERE              | LAWRENC   | 1       | 60.0                   | -0.0008  | -0.18965 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.19045 | WERE              | LAWRENC   | 1       | 60.0                   | -0.0008  | -0.18965 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.19045 | WERE              | LAWRENC   | 1       | 60.0                   | -0.0008  | -0.18965 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.19045 | WERE              | LAWRENC   | 1       | 228.9                  | -0.00071 | -0.18974 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.19045 | WERE              | LAWRENC   | 1       | 228.9                  | -0.00071 | -0.18974 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.19045 | WERE              | LAWRENC   | 1       | 228.9                  | -0.00071 | -0.18974 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.19045 | WERE              | LAWRENC   | 1       | 228.9                  | -0.00071 | -0.18974 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.19045 | WERE              | EVANS EN  | 1       | 195.0                  | -0.00003 | -0.19042 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.19045 | WERE              | EVANS EN  | 1       | 195.0                  | -0.00003 | -0.19042 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.19045 | WERE              | EVANS EN  | 1       | 195.0                  | -0.00003 | -0.19042 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.19045 | WERE              | EVANS EN  | 1       | 195.0                  | -0.00003 | -0.19042 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.19045 | WERE              | WACO      | 1       | 18.0                   | -0.00106 | -0.18939 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.19045 | WERE              | WACO      | 1       | 18.0                   | -0.00106 | -0.18939 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.19045 | WERE              | WACO      | 1       | 18.0                   | -0.00106 | -0.18939 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.19045 | WERE              | WACO      | 1       | 18.0                   | -0.00106 | -0.18939 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.19045 | WERE              | CITY OF V | 1       | 16.3                   | -0.00064 | -0.18981 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.19045 | WERE              | CITY OF V | 1       | 16.3                   | -0.00064 | -0.18981 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.19045 | WERE              | CITY OF V | 1       | 16.3                   | -0.00064 | -0.18981 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.19045 | WERE              | CITY OF V | 1       | 16.3                   | -0.00064 | -0.18981 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.19045 | WERE              | CITY OF V | 6       | 11.0                   | -0.00064 | -0.18981 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.19045 | WERE              | CITY OF V | 6       | 11.0                   | -0.00064 | -0.18981 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.19045 | WERE              | CITY OF V | 6       | 11.0                   | -0.00064 | -0.18981 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.19045 | WERE              | CITY OF V | 6       | 11.0                   | -0.00064 | -0.18981 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.19045 | WERE              | CITY OF V | 1       | 26.3                   | -0.00041 | -0.19004 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.19045 | WERE              | CITY OF V | 1       | 26.3                   | -0.00041 | -0.19004 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.19045 | WERE              | CITY OF V | 1       | 26.3                   | -0.00041 | -0.19004 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.19045 | WERE              | CITY OF V | 1       | 26.3                   | -0.00041 | -0.19004 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.19045 | WERE              | CITY OF V | T       | 11.3                   | -0.00041 | -0.19004 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.19045 | WERE              | CITY OF V | T       | 11.3                   | -0.00041 | -0.19004 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.19045 | WERE              | CITY OF V | T       | 11.3                   | -0.00041 | -0.19004 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.19045 | WERE              | CITY OF V | T       | 11.3                   | -0.00041 | -0.19004 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.19045 | WERE              | CHANUTE   | 1       | 37.7                   | 0.00028  | -0.19073 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.19045 | WERE              | CHANUTE   | 1       | 37.7                   | 0.00028  | -0.19073 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.19045 | WERE              | CHANUTE   | 1       | 37.7                   | 0.00028  | -0.19073 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.19045 | WERE              | CHANUTE   | 1       | 37.7                   | 0.00028  | -0.19073 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.19045 | WERE              | CITY OF E | 1       | 20.0                   | 0.00028  | -0.19073 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.19045 | WERE              | CITY OF E | 1       | 20.0                   | 0.00028  | -0.19073 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.19045 | WERE              | CITY OF E | 1       | 20.0                   | 0.00028  | -0.19073 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.19045 | WERE              | CITY OF E | 1       | 20.0                   | 0.00028  | -0.19073 | 13                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.16638 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01145  | -0.17783 | 14                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.16638 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01145  | -0.17783 | 14                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.19045 | WERE              | TECUMSE   | 1       | 40.0                   | -0.00603 | -0.18442 | 14                     |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.19045 | WERE              | TECUMSE   | 1       | 40.0                   | -0.00603 | -0.18442 | 14                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.19045 | WERE              | TECUMSE   | 1       | 40.0                   | -0.00603 | -0.18442 | 14                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.19045 | WERE              | TECUMSE   | 1       | 40.0                   | -0.00603 | -0.18442 | 14                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.19045 | WERE              | TECUMSE   | 1       | 68.0                   | -0.00603 | -0.18442 | 14                     |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.19045 | WERE              | TECUMSE   | 1       | 68.0                   | -0.00603 | -0.18442 | 14                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.19045 | WERE              | TECUMSE   | 1       | 68.0                   | -0.00603 | -0.18442 | 14                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.19045 | WERE              | TECUMSE   | 1       | 68.0                   | -0.00603 | -0.18442 | 14                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.16638 | WERE              | JEFFREY   | 1       | 470.0                  | 0.00065  | -0.16703 | 15                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.16638 | WERE              | LAWRENC   | 1       | 25.0                   | -0.00079 | -0.16559 | 15                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.16638 | WERE              | LAWRENC   | 1       | 60.0                   | -0.0008  | -0.16558 | 15                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.16638 | WERE              | LAWRENC   | 1       | 228.9                  | -0.00071 | -0.16567 | 15                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.16638 | WERE              | TECUMSE   | 1       | 40.0                   | -0.00603 | -0.16035 | 16                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.16638 | WERE              | TECUMSE   | 1       | 68.0                   | -0.00603 | -0.16035 | 16                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.16638 | WERE              | EVANS EN  | 1       | 195.0                  | -0.00003 | -0.16635 | 15                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.16638 | WERE              | WACO      | 1       | 18.0                   | -0.00106 | -0.16532 | 15                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.16638 | WERE              | CITY OF V | 1       | 16.3                   | -0.00064 | -0.16574 | 15                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.16638 | WERE              | CITY OF V | 6       | 11.0                   | -0.00064 | -0.16574 | 15                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.16638 | WERE              | CITY OF V | 1       | 26.3                   | -0.00041 | -0.16597 | 15                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.16638 | WERE              | CITY OF V | T       | 11.3                   | -0.00041 | -0.16597 | 15                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.16638 | WERE              | CHANUTE   | 1       | 37.7                   | 0.00028  | -0.16666 | 15                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.16638 | WERE              | CITY OF E | 1       | 20.0                   | 0.00028  | -0.16666 | 15                     |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.10063 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01145  | -0.11208 | 22                     |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.10063 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01145  | -0.11208 | 22                     |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.10083 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01145  | -0.11228 | 22                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.10074 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01145  | -0.11219 | 22                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.10063 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01145  | -0.11208 | 22                     |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.10063 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01145  | -0.11208 | 22                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.10083 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01145  | -0.11228 | 22                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1                       | 78.0                   | -0.10083 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01145  | -0.11228 | 22                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1                       | 78.0                   | -0.10083 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01145  | -0.11228 | 22                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.10083 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01145  | -0.11228 | 22                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.10063 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01145  | -0.11208 | 22                     |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.10063 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01145  | -0.11208 | 22                     |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.10063 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01145  | -0.11208 | 22                     |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.10083 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01145  | -0.11228 | 22                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.10074 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01145  | -0.11219 | 22                     |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.10063 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01145  | -0.11208 | 22                     |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.10063 | WERE              | JEFFREY   | 1       | 470.0                  | 0.00065  | -0.10128 | 25                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.10083 | WERE              | JEFFREY   | 1       | 470.0                  | 0.00065  | -0.10148 | 25                     |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.10063 | WERE              | JEFFREY   | 1       | 470.0                  | 0.00065  | -0.10128 | 25                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.10074 | WERE              | JEFFREY   | 1       | 470.0                  | 0.00065  | -0       |                        |  |

**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: Wichita - Reno Co 345KV  
 Limiting Facility: EXIDE JUNCTION - SUMMIT 115KV CKT 1  
 Direction: To->From  
 Line Outage: EAST MCPHERSON - SUMMIT 230KV CKT 1  
 Flowgate: 57368573811568725687312206SH  
 Date Redispatch Needed: 6/1/06 - 10/1/06, 6/1/07 - 10/1/07, 6/1/08 - 10/1/08, 6/1/09 - 10/1/09, & 6/1/10 - 10/1/10

| Reservation | Relief Amount | Aggregate Relief Amount | Source Control Area | Source                                 | Source Id | Maximum Increment (MW) | GSF      | Sink Control Area | Sink      | Sink Id | Maximum Decrement (MW) | GSF      | Factor   | Redispatch Amount (MW) |
|-------------|---------------|-------------------------|---------------------|--|-----------|------------------------|----------|-------------------|-----------|---------|------------------------|----------|----------|------------------------|
| 974561      | 7.8           | 8.3                     | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30492 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.32837 | 25                     |
| 974662      | 0.2           | 8.3                     | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30492 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.32837 | 25                     |
| 974988      | 0.3           | 8.3                     | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30492 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.32837 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30492 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.32837 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30492 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.32837 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30492 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.32837 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30492 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.32837 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30492 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.32837 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30492 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01647  | -0.32139 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30492 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01647  | -0.32139 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01647  | -0.31436 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30492 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01647  | -0.32139 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30492 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01647  | -0.32139 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.32134 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.32134 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30492 | WERE              | LAWRENC   | 1       | 25.0                   | 0.00945  | -0.31437 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30492 | WERE              | LAWRENC   | 1       | 25.0                   | 0.00945  | -0.31437 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30492 | WERE              | LAWRENC   | 1       | 25.0                   | 0.00945  | -0.31437 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30492 | WERE              | LAWRENC   | 1       | 25.0                   | 0.00945  | -0.31437 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30492 | WERE              | LAWRENC   | 1       | 25.0                   | 0.00945  | -0.31437 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30492 | WERE              | LAWRENC   | 1       | 60.0                   | 0.00945  | -0.31437 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30492 | WERE              | LAWRENC   | 1       | 60.0                   | 0.00945  | -0.31437 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30492 | WERE              | LAWRENC   | 1       | 60.0                   | 0.00945  | -0.31437 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30492 | WERE              | LAWRENC   | 1       | 60.0                   | 0.00945  | -0.31437 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30492 | WERE              | LAWRENC   | 1       | 228.9                  | 0.00995  | -0.31487 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30492 | WERE              | LAWRENC   | 1       | 228.9                  | 0.00995  | -0.31487 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30492 | WERE              | LAWRENC   | 1       | 228.9                  | 0.00995  | -0.31487 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30492 | WERE              | LAWRENC   | 1       | 228.9                  | 0.00995  | -0.31487 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | LAWRENC   | 1       | 25.0                   | 0.00945  | -0.30734 | 27                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | LAWRENC   | 1       | 25.0                   | 0.00945  | -0.30734 | 27                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | LAWRENC   | 1       | 228.9                  | 0.00995  | -0.30784 | 27                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30492 | WERE              | TECUMSE   | 1       | 40.0                   | 0.00847  | -0.31339 | 27                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30492 | WERE              | TECUMSE   | 1       | 40.0                   | 0.00847  | -0.31339 | 27                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30492 | WERE              | TECUMSE   | 1       | 40.0                   | 0.00847  | -0.31339 | 27                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30492 | WERE              | TECUMSE   | 1       | 40.0                   | 0.00847  | -0.31339 | 27                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | TECUMSE   | 1       | 40.0                   | 0.00847  | -0.30636 | 27                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | TECUMSE   | 1       | 68.0                   | 0.00847  | -0.30636 | 27                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30492 | WERE              | TECUMSE   | 1       | 68.0                   | 0.00847  | -0.31339 | 27                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30492 | WERE              | TECUMSE   | 1       | 68.0                   | 0.00847  | -0.31339 | 27                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30492 | WERE              | TECUMSE   | 1       | 68.0                   | 0.00847  | -0.31339 | 27                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30492 | WERE              | TECUMSE   | 1       | 68.0                   | 0.00847  | -0.31339 | 27                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30492 | WERE              | EVANS EN  | 1       | 195.0                  | 0.0004   | -0.30532 | 27                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30492 | WERE              | EVANS EN  | 1       | 195.0                  | 0.0004   | -0.30532 | 27                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30492 | WERE              | EVANS EN  | 1       | 195.0                  | 0.0004   | -0.30532 | 27                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30492 | WERE              | EVANS EN  | 1       | 195.0                  | 0.0004   | -0.30532 | 27                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30492 | WERE              | CHANUTE   | 1       | 37.7                   | 0.00159  | -0.30651 | 27                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30492 | WERE              | CHANUTE   | 1       | 37.7                   | 0.00159  | -0.30651 | 27                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30492 | WERE              | CHANUTE   | 1       | 37.7                   | 0.00159  | -0.30651 | 27                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30492 | WERE              | CHANUTE   | 1       | 37.7                   | 0.00159  | -0.30651 | 27                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30492 | WERE              | CITY OF E | 1       | 20.0                   | 0.00159  | -0.30651 | 27                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30492 | WERE              | CITY OF E | 1       | 20.0                   | 0.00159  | -0.30651 | 27                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30492 | WERE              | CITY OF E | 1       | 20.0                   | 0.00159  | -0.30651 | 27                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30492 | WERE              | CITY OF E | 1       | 20.0                   | 0.00159  | -0.30651 | 27                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | EVANS EN  | 1       | 195.0                  | 0.0004   | -0.29829 | 28                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30492 | WERE              | WACO      | 1       | 18.0                   | -0.00269 | -0.30223 | 28                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30492 | WERE              | WACO      | 1       | 18.0                   | -0.00269 | -0.30223 | 28                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | WACO      | 1       | 18.0                   | -0.00269 | -0.2952  | 28                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30492 | WERE              | WACO      | 1       | 18.0                   | -0.00269 | -0.30223 | 28                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30492 | WERE              | WACO      | 1       | 18.0                   | -0.00269 | -0.30223 | 28                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | CHANUTE   | 1       | 37.7                   | 0.00159  | -0.29948 | 28                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | CITY OF E | 1       | 20.0                   | 0.00159  | -0.29948 | 28                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1         | 111.0                  | -0.24058 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.26403 | 31                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1         | 78.0                   | -0.24057 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.26402 | 31                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1         | 52.0                   | -0.24057 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.26402 | 31                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1         | 52.0                   | -0.24057 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.26402 | 31                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1         | 78.0                   | -0.24057 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.26402 | 31                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1         | 111.0                  | -0.24058 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.26403 | 31                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1         | 78.0                   | -0.24057 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01647  | -0.25704 | 32                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1         | 31.0                   | -0.24018 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01647  | -0.25665 | 32                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1         | 111.0                  | -0.24058 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01647  | -0.25705 | 32                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1         | 52.0                   | -0.24019 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01647  | -0.25666 | 32                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1         | 52.0                   | -0.24057 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01647  | -0.25704 | 32                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1         | 18.0                   | -0.24018 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01647  | -0.25665 | 32                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1         | 50.0                   | -0.24039 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01647  | -0.25686 | 32                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1         | 18.0                   | -0.24018 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01647  | -0.25665 | 32                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1         | 18.0                   | -0.24018 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.26363 | 32                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1         | 50.0                   | -0.24039 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.26384 | 32                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1         | 18.0                   | -0.24018 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.26363 | 32                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1         | 52.0                   | -0.24019 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.26364 | 32                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1         | 31.0                   | -0.24018 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.26363 | 32                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1         | 52.0                   | -0.24019 | WERE              | JEFFREY   | 1       | 470.0</                |          |          |                        |

**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: Wichita - Reno Co 345KV  
 Limiting Facility: NORTHVIEW - SUMMIT 115KV CKT 1  
 Direction: To->From  
 Line Outage: SPP-WERE-73  
 Flowgate: 57371573811SPP-WERE-732206SH  
 Date Redispatch Needed: 6/1/06 - 10/1/06, 6/1/07 - 10/1/07, 6/1/08 - 10/1/08, 6/1/09 - 10/1/09, & 6/1/10 - 10/1/10

| Reservation | Relief Amount | Aggregate Relief Amount | Source Control Area | Source                                | Source Id | Maximum Increment (MW) | GSF      | Sink Control Area | Sink      | Sink Id | Maximum Decrement (MW) | GSF      | Factor   | Redispatch Amount (MW) |
|-------------|---------------|-------------------------|---------------------|---------------------------------------|-----------|------------------------|----------|-------------------|-----------|---------|------------------------|----------|----------|------------------------|
| 974561      | 0.4           | 0.5                     | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3 | 1         | 50.0                   | -0.14708 | WERE              | JEFFREY   | 1       | 470.0                  | -0.0014  | -0.14568 | 3                      |
| 974988      | 0.1           | 0.5                     | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT   | 1         | 27.0                   | -0.14708 | WERE              | JEFFREY   | 1       | 470.0                  | -0.0014  | -0.14568 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4 | 1         | 79.0                   | -0.12699 | WERE              | JEFFREY   | 1       | 470.0                  | -0.0014  | -0.12559 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1 | 1         | 51.0                   | -0.14708 | WERE              | JEFFREY   | 1       | 470.0                  | -0.0014  | -0.14568 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2 | 1         | 52.0                   | -0.14708 | WERE              | JEFFREY   | 1       | 470.0                  | -0.0014  | -0.14568 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3 | 1         | 50.0                   | -0.14708 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.15648 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1 | 1         | 51.0                   | -0.14708 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.15648 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2 | 1         | 52.0                   | -0.14708 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.15648 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT   | 1         | 27.0                   | -0.14708 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.15648 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4 | 1         | 79.0                   | -0.12699 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.13639 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4 | 1         | 79.0                   | -0.12699 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.13639 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT   | 1         | 27.0                   | -0.14708 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.15648 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3 | 1         | 50.0                   | -0.14708 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.15648 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2 | 1         | 52.0                   | -0.14708 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.15648 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1 | 1         | 51.0                   | -0.14708 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.15648 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT   | 1         | 27.0                   | -0.14708 | WERE              | LAWRENC   | 1       | 25.0                   | -0.00204 | -0.14504 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3 | 1         | 50.0                   | -0.14708 | WERE              | LAWRENC   | 1       | 25.0                   | -0.00204 | -0.14504 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2 | 1         | 52.0                   | -0.14708 | WERE              | LAWRENC   | 1       | 25.0                   | -0.00204 | -0.14504 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1 | 1         | 51.0                   | -0.14708 | WERE              | LAWRENC   | 1       | 25.0                   | -0.00204 | -0.14504 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4 | 1         | 79.0                   | -0.12699 | WERE              | LAWRENC   | 1       | 25.0                   | -0.00204 | -0.12495 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1 | 1         | 51.0                   | -0.14708 | WERE              | LAWRENC   | 1       | 60.0                   | -0.00205 | -0.14503 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2 | 1         | 52.0                   | -0.14708 | WERE              | LAWRENC   | 1       | 60.0                   | -0.00205 | -0.14503 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4 | 1         | 79.0                   | -0.12699 | WERE              | LAWRENC   | 1       | 60.0                   | -0.00205 | -0.12494 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT   | 1         | 27.0                   | -0.14708 | WERE              | LAWRENC   | 1       | 60.0                   | -0.00205 | -0.14503 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3 | 1         | 50.0                   | -0.14708 | WERE              | LAWRENC   | 1       | 60.0                   | -0.00205 | -0.14503 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1 | 1         | 51.0                   | -0.14708 | WERE              | LAWRENC   | 1       | 228.9                  | -0.00202 | -0.14506 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4 | 1         | 79.0                   | -0.12699 | WERE              | LAWRENC   | 1       | 228.9                  | -0.00202 | -0.12497 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2 | 1         | 52.0                   | -0.14708 | WERE              | LAWRENC   | 1       | 228.9                  | -0.00202 | -0.14506 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3 | 1         | 50.0                   | -0.14708 | WERE              | LAWRENC   | 1       | 228.9                  | -0.00202 | -0.14506 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT   | 1         | 27.0                   | -0.14708 | WERE              | LAWRENC   | 1       | 228.9                  | -0.00202 | -0.14506 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT   | 1         | 27.0                   | -0.14708 | WERE              | TECUMSE   | 1       | 40.0                   | -0.00759 | -0.13949 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3 | 1         | 50.0                   | -0.14708 | WERE              | TECUMSE   | 1       | 40.0                   | -0.00759 | -0.13949 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2 | 1         | 52.0                   | -0.14708 | WERE              | TECUMSE   | 1       | 40.0                   | -0.00759 | -0.13949 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1 | 1         | 51.0                   | -0.14708 | WERE              | TECUMSE   | 1       | 40.0                   | -0.00759 | -0.13949 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1 | 1         | 51.0                   | -0.14708 | WERE              | TECUMSE   | 1       | 68.0                   | -0.00759 | -0.13949 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3 | 1         | 50.0                   | -0.14708 | WERE              | TECUMSE   | 1       | 68.0                   | -0.00759 | -0.13949 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT   | 1         | 27.0                   | -0.14708 | WERE              | TECUMSE   | 1       | 68.0                   | -0.00759 | -0.13949 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2 | 1         | 52.0                   | -0.14708 | WERE              | TECUMSE   | 1       | 68.0                   | -0.00759 | -0.13949 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4 | 1         | 79.0                   | -0.12699 | WERE              | EVANS EN  | 1       | 195.0                  | -0.00004 | -0.12695 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1 | 1         | 51.0                   | -0.14708 | WERE              | EVANS EN  | 1       | 195.0                  | -0.00004 | -0.14704 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2 | 1         | 52.0                   | -0.14708 | WERE              | EVANS EN  | 1       | 195.0                  | -0.00004 | -0.14704 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3 | 1         | 50.0                   | -0.14708 | WERE              | EVANS EN  | 1       | 195.0                  | -0.00004 | -0.14704 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT   | 1         | 27.0                   | -0.14708 | WERE              | EVANS EN  | 1       | 195.0                  | -0.00004 | -0.14704 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2 | 1         | 52.0                   | -0.14708 | WERE              | WACO      | 1       | 18.0                   | -0.00074 | -0.14634 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT   | 1         | 27.0                   | -0.14708 | WERE              | WACO      | 1       | 18.0                   | -0.00074 | -0.14634 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4 | 1         | 79.0                   | -0.12699 | WERE              | WACO      | 1       | 18.0                   | -0.00074 | -0.12625 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3 | 1         | 50.0                   | -0.14708 | WERE              | WACO      | 1       | 18.0                   | -0.00074 | -0.14634 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1 | 1         | 51.0                   | -0.14708 | WERE              | WACO      | 1       | 18.0                   | -0.00074 | -0.14634 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT   | 1         | 27.0                   | -0.14708 | WERE              | CITY OF V | 1       | 16.3                   | -0.00044 | -0.14664 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4 | 1         | 79.0                   | -0.12699 | WERE              | CITY OF V | 1       | 16.3                   | -0.00044 | -0.12655 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3 | 1         | 50.0                   | -0.14708 | WERE              | CITY OF V | 1       | 16.3                   | -0.00044 | -0.14664 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2 | 1         | 52.0                   | -0.14708 | WERE              | CITY OF V | 1       | 16.3                   | -0.00044 | -0.14664 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1 | 1         | 51.0                   | -0.14708 | WERE              | CITY OF V | 1       | 16.3                   | -0.00044 | -0.14664 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2 | 1         | 52.0                   | -0.14708 | WERE              | CITY OF V | 6       | 11.0                   | -0.00044 | -0.14664 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT   | 1         | 27.0                   | -0.14708 | WERE              | CITY OF V | 6       | 11.0                   | -0.00044 | -0.14664 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1 | 1         | 51.0                   | -0.14708 | WERE              | CITY OF V | 6       | 11.0                   | -0.00044 | -0.14664 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4 | 1         | 79.0                   | -0.12699 | WERE              | CITY OF V | 6       | 11.0                   | -0.00044 | -0.12655 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3 | 1         | 50.0                   | -0.14708 | WERE              | CITY OF V | 6       | 11.0                   | -0.00044 | -0.14664 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3 | 1         | 50.0                   | -0.14708 | WERE              | CITY OF V | 1       | 26.3                   | -0.00029 | -0.14679 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4 | 1         | 79.0                   | -0.12699 | WERE              | CITY OF V | 1       | 26.3                   | -0.00029 | -0.1267  | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT   | 1         | 27.0                   | -0.14708 | WERE              | CITY OF V | 1       | 26.3                   | -0.00029 | -0.14679 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2 | 1         | 52.0                   | -0.14708 | WERE              | CITY OF V | 1       | 26.3                   | -0.00029 | -0.14679 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1 | 1         | 51.0                   | -0.14708 | WERE              | CITY OF V | 1       | 26.3                   | -0.00029 | -0.14679 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4 | 1         | 79.0                   | -0.12699 | WERE              | CITY OF V | T       | 11.3                   | -0.00029 | -0.1267  | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2 | 1         | 52.0                   | -0.14708 | WERE              | CITY OF V | T       | 11.3                   | -0.00029 | -0.14679 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT   | 1         | 27.0                   | -0.14708 | WERE              | CITY OF V | T       | 11.3                   | -0.00029 | -0.14679 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1 | 1         | 51.0                   | -0.14708 | WERE              | CITY OF V | T       | 11.3                   | -0.00029 | -0.14679 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3 | 1         | 50.0                   | -0.14708 | WERE              | CITY OF V | T       | 11.3                   | -0.00029 | -0.14679 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3 | 1         | 50.0                   | -0.14708 | WERE              | CHANUTE   | 1       | 37.7                   | 0.00012  | -0.1472  | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1 | 1         | 51.0                   | -0.14708 | WERE              | CHANUTE   | 1       | 37.7                   | 0.00012  | -0.1472  | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT   | 1         | 27.0                   | -0.14708 | WERE              | CHANUTE   | 1       | 37.7                   | 0.00012  | -0.1472  | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2 | 1         | 52.0                   | -0.14708 | WERE              | CHANUTE   | 1       | 37.7                   | 0.00012  | -0.1472  | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4 | 1         | 79.0                   | -0.12699 | WERE              | CHANUTE   | 1       | 37.7                   | 0.00012  | -0.12711 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1 | 1         | 51.0                   | -0.14708 | WERE              | CITY OF E | 1       | 20.0                   | 0.00012  | -0.1472  | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT   | 1         | 27.0                   | -0.14708 | WERE              | CITY OF E | 1       | 20.0                   | 0.00012  | -0.1472  | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4 | 1         | 79.0                   | -0.12699 | WERE              | CITY OF E | 1       | 20.0                   | 0.00012  | -0.12711 | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2 | 1         | 52.0                   | -0.14708 | WERE              | CITY OF E | 1       | 20.0                   | 0.00012  | -0.1472  | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3 | 1         | 50.0                   | -0.14708 | WERE              | CITY OF E | 1       | 20.0                   | 0.00012  | -0.1472  | 3                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4 | 1         | 79.0                   | -0.12699 | WERE              | TECUMSE   | 1       | 40.0                   | -0.00759 | -0.1194  | 4                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4 | 1         | 79.0                   | -0.12699 | WERE              | TECUMSE   | 1       | 68.0                   | -0.00759 | -0.1194  | 4                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 4       | 1         | 111.0                  | -0.07388 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.08328 | 5                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 3       | 1         | 31.0                   | -0.07373 | WERE              | JEFFREY   | 1       | 47                     |          |          |                        |

**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: Wichita - Reno Co 345KV  
 Limiting Facility: NORTH AMERICAN PHILIPS - NORTH AMERICAN PHILIPS JUNCTION (SOUTH) 115KV CKT 1  
 Direction: From->To  
 Line Outage: EAST MCPHERSON - SUMMIT 230KV CKT 1  
 Flowgate: 57372573741568725687312206SH  
 Date Redispatch Needed: 6/1/06 - 10/1/06, 6/1/07 - 10/1/07, 6/1/08 - 10/1/08, 6/1/09 - 10/1/09, & 6/1/10 - 10/1/10

| Reservation         | Relief Amount                          | Aggregate Relief Amount |                        |          |                   |         |         |                        |         |          |                        |  |
|---------------------|--|-------------------------|------------------------|----------|-------------------|---------|---------|------------------------|---------|----------|------------------------|--|
| 974662              | 0.4                                    | 0.9                     |                        |          |                   |         |         |                        |         |          |                        |  |
| 974988              | 0.5                                    | 0.9                     |                        |          |                   |         |         |                        |         |          |                        |  |
| Source Control Area | Source                                 | Source Id               | Maximum Increment (MW) | GSF      | Sink Control Area | Sink    | Sink Id | Maximum Decrement (MW) | GSF     | Factor   | Redispatch Amount (MW) |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.42286 | WERE              | JEFFREY | 1       | 470.0                  | 0.03544 | -0.4583  | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.42253 | WERE              | JEFFREY | 1       | 470.0                  | 0.03544 | -0.45797 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.53362 | WERE              | JEFFREY | 1       | 470.0                  | 0.03544 | -0.56906 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.42219 | WERE              | JEFFREY | 1       | 470.0                  | 0.03544 | -0.45763 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.53362 | WERE              | JEFFREY | 1       | 470.0                  | 0.03544 | -0.56906 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.42286 | WERE              | JEFFREY | 1       | 470.0                  | 0.03544 | -0.4583  | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.53362 | WERE              | JEFFREY | 1       | 470.0                  | 0.03544 | -0.56906 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.53362 | WERE              | JEFFREY | 1       | 470.0                  | 0.03544 | -0.56906 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.42286 | WERE              | JEFFREY | 1       | 470.0                  | 0.03544 | -0.4583  | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.52158 | WERE              | JEFFREY | 1       | 470.0                  | 0.03544 | -0.55702 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.42218 | WERE              | JEFFREY | 1       | 470.0                  | 0.03544 | -0.45762 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.42218 | WERE              | JEFFREY | 1       | 470.0                  | 0.03544 | -0.45762 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.42218 | WERE              | JEFFREY | 1       | 470.0                  | 0.03544 | -0.45762 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.42286 | WERE              | JEFFREY | 1       | 470.0                  | 0.03662 | -0.45948 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.53362 | WERE              | JEFFREY | 1       | 470.0                  | 0.03662 | -0.57024 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.42286 | WERE              | JEFFREY | 1       | 470.0                  | 0.03662 | -0.45948 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.42286 | WERE              | JEFFREY | 1       | 470.0                  | 0.03662 | -0.45948 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.53362 | WERE              | JEFFREY | 1       | 470.0                  | 0.03662 | -0.57024 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.53362 | WERE              | JEFFREY | 1       | 470.0                  | 0.03662 | -0.57024 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.53362 | WERE              | JEFFREY | 1       | 470.0                  | 0.03662 | -0.57024 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.52158 | WERE              | JEFFREY | 1       | 470.0                  | 0.03662 | -0.5582  | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.42218 | WERE              | JEFFREY | 1       | 470.0                  | 0.03662 | -0.4588  | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.42218 | WERE              | JEFFREY | 1       | 470.0                  | 0.03662 | -0.4588  | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.42253 | WERE              | JEFFREY | 1       | 470.0                  | 0.03662 | -0.45915 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.42219 | WERE              | JEFFREY | 1       | 470.0                  | 0.03662 | -0.45881 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.42218 | WERE              | JEFFREY | 1       | 470.0                  | 0.03662 | -0.4588  | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.52158 | WERE              | JEFFREY | 1       | 470.0                  | 0.03662 | -0.5582  | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.42286 | WERE              | JEFFREY | 1       | 470.0                  | 0.03662 | -0.45948 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.42286 | WERE              | JEFFREY | 1       | 470.0                  | 0.03662 | -0.45948 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.53362 | WERE              | JEFFREY | 1       | 470.0                  | 0.03662 | -0.57024 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.53362 | WERE              | JEFFREY | 1       | 470.0                  | 0.03662 | -0.57024 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.53362 | WERE              | JEFFREY | 1       | 470.0                  | 0.03662 | -0.57024 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.53362 | WERE              | JEFFREY | 1       | 470.0                  | 0.03662 | -0.57024 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.42286 | WERE              | JEFFREY | 1       | 470.0                  | 0.03662 | -0.45948 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.42218 | WERE              | JEFFREY | 1       | 470.0                  | 0.03662 | -0.4588  | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.42218 | WERE              | JEFFREY | 1       | 470.0                  | 0.03662 | -0.4588  | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.42253 | WERE              | JEFFREY | 1       | 470.0                  | 0.03662 | -0.45915 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.42218 | WERE              | JEFFREY | 1       | 470.0                  | 0.03662 | -0.4588  | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.42219 | WERE              | JEFFREY | 1       | 470.0                  | 0.03662 | -0.45881 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.53362 | WERE              | LAWRENC | 1       | 25.0                   | 0.02172 | -0.55534 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.53362 | WERE              | LAWRENC | 1       | 25.0                   | 0.02172 | -0.55534 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.42286 | WERE              | LAWRENC | 1       | 25.0                   | 0.02172 | -0.44458 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.53362 | WERE              | LAWRENC | 1       | 25.0                   | 0.02172 | -0.55534 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.42219 | WERE              | LAWRENC | 1       | 25.0                   | 0.02172 | -0.44391 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.42218 | WERE              | LAWRENC | 1       | 25.0                   | 0.02172 | -0.4439  | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.42286 | WERE              | LAWRENC | 1       | 25.0                   | 0.02172 | -0.44458 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.42253 | WERE              | LAWRENC | 1       | 25.0                   | 0.02172 | -0.44425 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.42218 | WERE              | LAWRENC | 1       | 25.0                   | 0.02172 | -0.4439  | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.42286 | WERE              | LAWRENC | 1       | 25.0                   | 0.02172 | -0.44458 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.52158 | WERE              | LAWRENC | 1       | 25.0                   | 0.02172 | -0.5433  | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.53362 | WERE              | LAWRENC | 1       | 25.0                   | 0.02172 | -0.55534 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.42218 | WERE              | LAWRENC | 1       | 25.0                   | 0.02172 | -0.4439  | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.42286 | WERE              | LAWRENC | 1       | 60.0                   | 0.02173 | -0.44459 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.42286 | WERE              | LAWRENC | 1       | 60.0                   | 0.02173 | -0.44459 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.42253 | WERE              | LAWRENC | 1       | 60.0                   | 0.02173 | -0.44426 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.42218 | WERE              | LAWRENC | 1       | 60.0                   | 0.02173 | -0.44391 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.42218 | WERE              | LAWRENC | 1       | 60.0                   | 0.02173 | -0.44391 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.42286 | WERE              | LAWRENC | 1       | 60.0                   | 0.02173 | -0.44459 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.42218 | WERE              | LAWRENC | 1       | 60.0                   | 0.02173 | -0.44391 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.42219 | WERE              | LAWRENC | 1       | 60.0                   | 0.02173 | -0.44392 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.53362 | WERE              | LAWRENC | 1       | 60.0                   | 0.02173 | -0.55535 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.52158 | WERE              | LAWRENC | 1       | 60.0                   | 0.02173 | -0.54331 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.53362 | WERE              | LAWRENC | 1       | 60.0                   | 0.02173 | -0.55535 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.53362 | WERE              | LAWRENC | 1       | 60.0                   | 0.02173 | -0.55535 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.53362 | WERE              | LAWRENC | 1       | 60.0                   | 0.02173 | -0.55535 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.42286 | WERE              | LAWRENC | 1       | 228.9                  | 0.02272 | -0.44558 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.53362 | WERE              | LAWRENC | 1       | 228.9                  | 0.02272 | -0.55634 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.42286 | WERE              | LAWRENC | 1       | 228.9                  | 0.02272 | -0.44558 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.42253 | WERE              | LAWRENC | 1       | 228.9                  | 0.02272 | -0.44525 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.42219 | WERE              | LAWRENC | 1       | 228.9                  | 0.02272 | -0.44491 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.53362 | WERE              | LAWRENC | 1       | 228.9                  | 0.02272 | -0.55634 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.53362 | WERE              | LAWRENC | 1       | 228.9                  | 0.02272 | -0.55634 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.42218 | WERE              | LAWRENC | 1       | 228.9                  | 0.02272 | -0.4449  | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.53362 | WERE              | LAWRENC | 1       | 228.9                  | 0.02272 | -0.55634 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.42218 | WERE              | LAWRENC | 1       | 228.9                  | 0.02272 | -0.4449  | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.52158 | WERE              | LAWRENC | 1       | 228.9                  | 0.02272 | -0.5443  | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.42218 | WERE              | LAWRENC | 1       | 228.9                  | 0.02272 | -0.4449  | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.42286 | WERE              | LAWRENC | 1       | 228.9                  | 0.02272 | -0.44558 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.53362 | WERE              | TECUMSE | 1       | 40.0                   | 0.02643 | -0.56005 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.53362 | WERE              | TECUMSE | 1       | 40.0                   | 0.02643 | -0.56005 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.53362 | WERE              | TECUMSE | 1       | 40.0                   | 0.02643 | -0.56005 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.42286 | WERE              | TECUMSE | 1       | 40.0                   | 0.02643 | -0.44929 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.42253 | WERE              | TECUMSE | 1       | 40.0                   | 0.02643 | -0.44896 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.53362 | WERE              | TECUMSE | 1       | 40.0                   | 0.02643 | -0.56005 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.42286 | WERE              | TECUMSE | 1       | 40.0                   | 0.02643 | -0.44929 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.42219 | WERE              | TECUMSE | 1       | 40.0                   | 0.02643 | -0.44862 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.42218 | WERE              | TECUMSE | 1       | 40.0                   | 0.02643 | -0.44861 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.42218 | WERE              | TECUMSE | 1       | 40.0                   | 0.02643 | -0.44861 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.52158 | WERE              | TECUMSE | 1       | 40.0                   | 0.02643 | -0.54801 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.42286 | WERE              | TECUMSE | 1       | 40.0                   | 0.02643 | -0.44929 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.42218 | WERE              | TECUMSE | 1       | 40.0                   | 0.02643 | -0.44861 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.53362 | WERE              | TECUMSE | 1       | 68.0                   | 0.02643 | -0.56005 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.42286 | WERE              | TECUMSE | 1       | 68.0                   | 0.02643 | -0.44929 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.53362 | WERE              | TECUMSE | 1       | 68.0                   | 0.02643 | -0.56005 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.42218 | WERE              | TECUMSE | 1       | 68.0                   | 0.02643 | -0.44861 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.42219 | WERE              | TECUMSE | 1       | 68.0                   | 0.02643 | -0.44862 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.42286 | WERE              | TECUMSE | 1       | 68.0                   | 0.02643 | -0.44929 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.53362 | WERE              | TECUMSE | 1       | 68.0                   | 0.02643 | -0.56005 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.42218 | WERE              | TECUMSE | 1       | 68.0                   | 0.02643 | -0.44861 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.42218 | WERE              | TECUMSE | 1       | 68.0                   | 0.02643 | -0.44861 | 2                      |  |

Maximum Decrement and Maximum Increment were determine from the Souce and Sink Operating Points in the study models where limiting facility was identified.

Factor = Source GSF - Sink GSF

Redispatch Amount = Relief Amount / Factor



**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: Wichita - Reno Co 345KV  
 Limiting Facility: NORTH AMERICAN PHILIPS JUNCTION (SOUTH) - WEST MCPHERSON 115KV CKT 2  
 Direction: From->To  
 Line Outage: EAST MCPHERSON - SUMMIT 230KV CKT 1  
 Flowgate: 57374574382568725687312206SH  
 Date Redispatch Needed: 6/1/06 - 10/1/06, 6/1/07 - 10/1/07, 6/1/08 - 10/1/08, 6/1/09 - 10/1/09, & 6/1/10 - 10/1/10

| Reservation         | Relief Amount                          | Aggregate Relief Amount |                        |          |                   |         |         |                        |         |          |                        |  |
|---------------------|--|-------------------------|------------------------|----------|-------------------|---------|---------|------------------------|---------|----------|------------------------|--|
| 974662              | 0.2                                    | 0.5                     |                        |          |                   |         |         |                        |         |          |                        |  |
| 974988              | 0.3                                    | 0.5                     |                        |          |                   |         |         |                        |         |          |                        |  |
| Source Control Area | Source                                 | Source Id               | Maximum Increment (MW) | GSF      | Sink Control Area | Sink    | Sink Id | Maximum Decrement (MW) | GSF     | Factor   | Redispatch Amount (MW) |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.22586 | WERE              | JEFFREY | 1       | 470.0                  | 0.01896 | -0.24482 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.22622 | WERE              | JEFFREY | 1       | 470.0                  | 0.01896 | -0.24518 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.22586 | WERE              | JEFFREY | 1       | 470.0                  | 0.01896 | -0.24482 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.28547 | WERE              | JEFFREY | 1       | 470.0                  | 0.01896 | -0.30443 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.22621 | WERE              | JEFFREY | 1       | 470.0                  | 0.01896 | -0.24517 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.28547 | WERE              | JEFFREY | 1       | 470.0                  | 0.01896 | -0.30443 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.22604 | WERE              | JEFFREY | 1       | 470.0                  | 0.01896 | -0.245   | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.28547 | WERE              | JEFFREY | 1       | 470.0                  | 0.01896 | -0.30443 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.22586 | WERE              | JEFFREY | 1       | 470.0                  | 0.01896 | -0.24482 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.22621 | WERE              | JEFFREY | 1       | 470.0                  | 0.01896 | -0.24517 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.28547 | WERE              | JEFFREY | 1       | 470.0                  | 0.01896 | -0.30443 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.22586 | WERE              | JEFFREY | 1       | 470.0                  | 0.01896 | -0.24482 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.27903 | WERE              | JEFFREY | 1       | 470.0                  | 0.01896 | -0.29799 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.22621 | WERE              | JEFFREY | 1       | 470.0                  | 0.01959 | -0.2458  | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.22604 | WERE              | JEFFREY | 1       | 470.0                  | 0.01959 | -0.24563 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 3 | 1                       | 52.0                   | -0.22621 | WERE              | JEFFREY | 1       | 470.0                  | 0.01959 | -0.2458  | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.22622 | WERE              | JEFFREY | 1       | 470.0                  | 0.01959 | -0.24581 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.22586 | WERE              | JEFFREY | 1       | 470.0                  | 0.01959 | -0.24545 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.28547 | WERE              | JEFFREY | 1       | 470.0                  | 0.01959 | -0.30506 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.27903 | WERE              | JEFFREY | 1       | 470.0                  | 0.01959 | -0.29862 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.28547 | WERE              | JEFFREY | 1       | 470.0                  | 0.01959 | -0.30506 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.22586 | WERE              | JEFFREY | 1       | 470.0                  | 0.01959 | -0.24545 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.28547 | WERE              | JEFFREY | 1       | 470.0                  | 0.01959 | -0.30506 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.22586 | WERE              | JEFFREY | 1       | 470.0                  | 0.01959 | -0.24545 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.28547 | WERE              | JEFFREY | 1       | 470.0                  | 0.01959 | -0.30506 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.22586 | WERE              | JEFFREY | 1       | 470.0                  | 0.01959 | -0.24545 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.22586 | WERE              | JEFFREY | 1       | 470.0                  | 0.01959 | -0.24545 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.28547 | WERE              | JEFFREY | 1       | 470.0                  | 0.01959 | -0.30506 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 1 | 1                       | 52.0                   | -0.22586 | WERE              | JEFFREY | 1       | 470.0                  | 0.01959 | -0.24545 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.28547 | WERE              | JEFFREY | 1       | 470.0                  | 0.01959 | -0.30506 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.27903 | WERE              | JEFFREY | 1       | 470.0                  | 0.01959 | -0.29862 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 2 | 1                       | 50.0                   | -0.22604 | WERE              | JEFFREY | 1       | 470.0                  | 0.01959 | -0.24563 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.22586 | WERE              | JEFFREY | 1       | 470.0                  | 0.01959 | -0.24545 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.28547 | WERE              | JEFFREY | 1       | 470.0                  | 0.01959 | -0.30506 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 3 | 1                       | 52.0                   | -0.22621 | WERE              | JEFFREY | 1       | 470.0                  | 0.01959 | -0.2458  | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.22621 | WERE              | JEFFREY | 1       | 470.0                  | 0.01959 | -0.2458  | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.22622 | WERE              | JEFFREY | 1       | 470.0                  | 0.01959 | -0.24581 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.28547 | WERE              | JEFFREY | 1       | 470.0                  | 0.01959 | -0.30506 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.22586 | WERE              | JEFFREY | 1       | 470.0                  | 0.01959 | -0.24545 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.22586 | WERE              | LAWRENC | 1       | 25.0                   | 0.01162 | -0.23748 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.28547 | WERE              | LAWRENC | 1       | 25.0                   | 0.01162 | -0.29709 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 2 | 1                       | 50.0                   | -0.22604 | WERE              | LAWRENC | 1       | 25.0                   | 0.01162 | -0.23766 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 3 | 1                       | 52.0                   | -0.22621 | WERE              | LAWRENC | 1       | 25.0                   | 0.01162 | -0.23783 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 1 | 1                       | 52.0                   | -0.22586 | WERE              | LAWRENC | 1       | 25.0                   | 0.01162 | -0.23748 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.28547 | WERE              | LAWRENC | 1       | 25.0                   | 0.01162 | -0.29709 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.22586 | WERE              | LAWRENC | 1       | 25.0                   | 0.01162 | -0.23748 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.27903 | WERE              | LAWRENC | 1       | 25.0                   | 0.01162 | -0.29065 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.28547 | WERE              | LAWRENC | 1       | 25.0                   | 0.01162 | -0.29709 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.28547 | WERE              | LAWRENC | 1       | 25.0                   | 0.01162 | -0.29709 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.22586 | WERE              | LAWRENC | 1       | 25.0                   | 0.01162 | -0.23748 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.22621 | WERE              | LAWRENC | 1       | 25.0                   | 0.01162 | -0.23783 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.22622 | WERE              | LAWRENC | 1       | 25.0                   | 0.01162 | -0.23784 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.22586 | WERE              | LAWRENC | 1       | 60.0                   | 0.01162 | -0.23748 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.28547 | WERE              | LAWRENC | 1       | 60.0                   | 0.01162 | -0.29709 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.28547 | WERE              | LAWRENC | 1       | 60.0                   | 0.01162 | -0.29709 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 1 | 1                       | 52.0                   | -0.22586 | WERE              | LAWRENC | 1       | 60.0                   | 0.01162 | -0.23748 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.27903 | WERE              | LAWRENC | 1       | 60.0                   | 0.01162 | -0.29065 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.22621 | WERE              | LAWRENC | 1       | 60.0                   | 0.01162 | -0.23783 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.22622 | WERE              | LAWRENC | 1       | 60.0                   | 0.01162 | -0.23784 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.28547 | WERE              | LAWRENC | 1       | 60.0                   | 0.01162 | -0.29709 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.22586 | WERE              | LAWRENC | 1       | 60.0                   | 0.01162 | -0.23748 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 3 | 1                       | 52.0                   | -0.22621 | WERE              | LAWRENC | 1       | 60.0                   | 0.01162 | -0.23783 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.28547 | WERE              | LAWRENC | 1       | 60.0                   | 0.01162 | -0.29709 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.22586 | WERE              | LAWRENC | 1       | 60.0                   | 0.01162 | -0.23748 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 2 | 1                       | 50.0                   | -0.22604 | WERE              | LAWRENC | 1       | 60.0                   | 0.01162 | -0.23766 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.28547 | WERE              | LAWRENC | 1       | 228.9                  | 0.01215 | -0.29762 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.27903 | WERE              | LAWRENC | 1       | 228.9                  | 0.01215 | -0.29118 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.22586 | WERE              | LAWRENC | 1       | 228.9                  | 0.01215 | -0.23801 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.22586 | WERE              | LAWRENC | 1       | 228.9                  | 0.01215 | -0.23801 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.22622 | WERE              | LAWRENC | 1       | 228.9                  | 0.01215 | -0.23837 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.22621 | WERE              | LAWRENC | 1       | 228.9                  | 0.01215 | -0.23836 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.28547 | WERE              | LAWRENC | 1       | 228.9                  | 0.01215 | -0.29762 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.22586 | WERE              | LAWRENC | 1       | 228.9                  | 0.01215 | -0.23801 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.28547 | WERE              | LAWRENC | 1       | 228.9                  | 0.01215 | -0.29762 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.28547 | WERE              | LAWRENC | 1       | 228.9                  | 0.01215 | -0.29762 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 2 | 1                       | 50.0                   | -0.22604 | WERE              | LAWRENC | 1       | 228.9                  | 0.01215 | -0.23819 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 1 | 1                       | 52.0                   | -0.22586 | WERE              | LAWRENC | 1       | 228.9                  | 0.01215 | -0.23801 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 3 | 1                       | 52.0                   | -0.22621 | WERE              | LAWRENC | 1       | 228.9                  | 0.01215 | -0.23836 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 3 | 1                       | 52.0                   | -0.22621 | WERE              | TECUMSE | 1       | 40.0                   | 0.01414 | -0.24035 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.28547 | WERE              | TECUMSE | 1       | 40.0                   | 0.01414 | -0.29961 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.28547 | WERE              | TECUMSE | 1       | 40.0                   | 0.01414 | -0.29961 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.22622 | WERE              | TECUMSE | 1       | 40.0                   | 0.01414 | -0.24036 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.28547 | WERE              | TECUMSE | 1       | 40.0                   | 0.01414 | -0.29961 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 2 | 1                       | 50.0                   | -0.22604 | WERE              | TECUMSE | 1       | 40.0                   | 0.01414 | -0.24018 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.28547 | WERE              | TECUMSE | 1       | 40.0                   | 0.01414 | -0.29961 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 1 | 1                       | 52.0                   | -0.22586 | WERE              | TECUMSE | 1       | 40.0                   | 0.01414 | -0.24    | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.27903 | WERE              | TECUMSE | 1       | 40.0                   | 0.01414 | -0.29317 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.22621 | WERE              | TECUMSE | 1       | 40.0                   | 0.01414 | -0.24035 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.22586 | WERE              | TECUMSE | 1       | 40.0                   | 0.01414 | -0.24    | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.22586 | WERE              | TECUMSE | 1       | 40.0                   | 0.01414 | -0.24    | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.22586 | WERE              | TECUMSE | 1       | 40.0                   | 0.01414 | -0.24    | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.22621 | WERE              | TECUMSE | 1       | 68.0                   | 0.01414 | -0.24035 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.28547 | WERE              | TECUMSE | 1       | 68.0                   | 0.01414 | -0.29961 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 3 | 1                       | 52.0                   | -0.22621 | WERE              | TECUMSE | 1       | 68.0                   | 0.01414 | -0.24035 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.28547 | WERE              | TECUMSE | 1       | 68.0                   | 0.01414 | -0.29961 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.22586 | WERE              | TECUMSE | 1       | 68.0                   | 0.01414 | -0.24    | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.22586 | WERE              | TECUMSE | 1       | 68.0                   | 0.01414 | -0.24    | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.28547 | WERE              | TECUMSE | 1       | 68.0                   | 0.01414 | -0.29961 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.22622 | WERE              | TECUMSE | 1       | 68.0                   | 0.01414 | -0.24036 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.28547 | WERE              | TECUMSE | 1       | 68.0                   | 0.01414 | -0.29961 | 2                      |  |

Maximum Decrement and Maximum Increment were determine from the Source and Sink Operating Points in the study models where limiting facility was identified.

Factor = Source GSF - Sink GSF

Redispatch Amount = Relief Amount / Factor

**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: Wichita - Reno Co 345KV  
 Limiting Facility: EXIDE JUNCTION - SUMMIT 115KV CKT 1  
 Direction: To->From  
 Line Outage: NORTHVIEW - SUMMIT 115KV CKT 1  
 Flowgate: 57368573811573715738112206SH  
 Date Redispatch Needed: 6/1/06 - 10/1/06, 6/1/07 - 10/1/07, 6/1/08 - 10/1/08, 6/1/09 - 10/1/09, & 6/1/10 - 10/1/10

| Reservation         | Relief Amount                          | Aggregate Relief Amount |                        |          |                   |          |         |                        |          |          |                        |  |
|---------------------|--|-------------------------|------------------------|----------|-------------------|----------|---------|------------------------|----------|----------|------------------------|--|
| 974561              | 9.4                                    | 9.5                     |                        |          |                   |          |         |                        |          |          |                        |  |
| 974662              | 0.1                                    | 9.5                     |                        |          |                   |          |         |                        |          |          |                        |  |
| 974988              | 0.1                                    | 9.5                     |                        |          |                   |          |         |                        |          |          |                        |  |
| Source Control Area | Source                                 | Source Id               | Maximum Increment (MW) | GSF      | Sink Control Area | Sink     | Sink Id | Maximum Decrement (MW) | GSF      | Factor   | Redispatch Amount (MW) |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.19045 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01145  | -0.2019  | 47                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.19045 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01145  | -0.2019  | 47                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.19045 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01145  | -0.2019  | 47                     |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.19045 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01145  | -0.2019  | 47                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 27.0                   | -0.19045 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01145  | -0.2019  | 47                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.19045 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01145  | -0.2019  | 47                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.19045 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01145  | -0.2019  | 47                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.19045 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01145  | -0.2019  | 47                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.19045 | WERE              | JEFFREY  | 1       | 470.0                  | 0.00065  | -0.1911  | 50                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.19045 | WERE              | JEFFREY  | 1       | 470.0                  | 0.00065  | -0.1911  | 50                     |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.19045 | WERE              | JEFFREY  | 1       | 470.0                  | 0.00065  | -0.1911  | 50                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.19045 | WERE              | JEFFREY  | 1       | 470.0                  | 0.00065  | -0.1911  | 50                     |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.19045 | WERE              | LAWRENC  | 1       | 25.0                   | -0.00079 | -0.18966 | 50                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.19045 | WERE              | LAWRENC  | 1       | 25.0                   | -0.00079 | -0.18966 | 50                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.19045 | WERE              | LAWRENC  | 1       | 25.0                   | -0.00079 | -0.18966 | 50                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.19045 | WERE              | LAWRENC  | 1       | 25.0                   | -0.00079 | -0.18966 | 50                     |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.19045 | WERE              | LAWRENC  | 1       | 60.0                   | -0.0008  | -0.18965 | 50                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.19045 | WERE              | LAWRENC  | 1       | 60.0                   | -0.0008  | -0.18965 | 50                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.19045 | WERE              | LAWRENC  | 1       | 60.0                   | -0.0008  | -0.18965 | 50                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.19045 | WERE              | LAWRENC  | 1       | 60.0                   | -0.0008  | -0.18965 | 50                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.19045 | WERE              | LAWRENC  | 1       | 228.9                  | -0.00071 | -0.18974 | 50                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.19045 | WERE              | LAWRENC  | 1       | 228.9                  | -0.00071 | -0.18974 | 50                     |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.19045 | WERE              | LAWRENC  | 1       | 228.9                  | -0.00071 | -0.18974 | 50                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.19045 | WERE              | LAWRENC  | 1       | 228.9                  | -0.00071 | -0.18974 | 50                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.19045 | WERE              | EVANS EN | 1       | 195.0                  | -0.00003 | -0.19042 | 50                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.19045 | WERE              | EVANS EN | 1       | 195.0                  | -0.00003 | -0.19042 | 50                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.19045 | WERE              | EVANS EN | 1       | 195.0                  | -0.00003 | -0.19042 | 50                     |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.19045 | WERE              | EVANS EN | 1       | 195.0                  | -0.00003 | -0.19042 | 50                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.19045 | WERE              | WACO     | 1       | 18.0                   | -0.00106 | -0.18939 | 50                     |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.19045 | WERE              | WACO     | 1       | 18.0                   | -0.00106 | -0.18939 | 50                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.19045 | WERE              | WACO     | 1       | 18.0                   | -0.00106 | -0.18939 | 50                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.19045 | WERE              | WACO     | 1       | 18.0                   | -0.00106 | -0.18939 | 50                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.19045 | WERE              | TECUMSE  | 1       | 40.0                   | -0.00603 | -0.18442 | 52                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.19045 | WERE              | TECUMSE  | 1       | 40.0                   | -0.00603 | -0.18442 | 52                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.19045 | WERE              | TECUMSE  | 1       | 40.0                   | -0.00603 | -0.18442 | 52                     |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.19045 | WERE              | TECUMSE  | 1       | 40.0                   | -0.00603 | -0.18442 | 52                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.19045 | WERE              | TECUMSE  | 1       | 68.0                   | -0.00603 | -0.18442 | 52                     |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.19045 | WERE              | TECUMSE  | 1       | 68.0                   | -0.00603 | -0.18442 | 52                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.19045 | WERE              | TECUMSE  | 1       | 68.0                   | -0.00603 | -0.18442 | 52                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.19045 | WERE              | TECUMSE  | 1       | 68.0                   | -0.00603 | -0.18442 | 52                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.16638 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01145  | -0.17783 | 54                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.16638 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01145  | -0.17783 | 54                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.16638 | WERE              | JEFFREY  | 1       | 470.0                  | 0.00065  | -0.16703 | 57                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.16638 | WERE              | EVANS EN | 1       | 195.0                  | -0.00003 | -0.16635 | 57                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.16638 | WERE              | LAWRENC  | 1       | 25.0                   | -0.00079 | -0.16559 | 58                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.16638 | WERE              | LAWRENC  | 1       | 60.0                   | -0.0008  | -0.16558 | 58                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.16638 | WERE              | LAWRENC  | 1       | 228.9                  | -0.00071 | -0.16567 | 58                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.16638 | WERE              | TECUMSE  | 1       | 40.0                   | -0.00603 | -0.16035 | 60                     |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.16638 | WERE              | TECUMSE  | 1       | 68.0                   | -0.00603 | -0.16035 | 60                     |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.10063 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01145  | -0.11208 | 85                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.10083 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01145  | -0.11228 | 85                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.10063 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01145  | -0.11208 | 85                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.10083 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01145  | -0.11228 | 85                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.10074 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01145  | -0.11219 | 85                     |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.10083 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01145  | -0.11228 | 85                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.10083 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01145  | -0.11228 | 85                     |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.10083 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01145  | -0.11228 | 85                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.10074 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01145  | -0.11219 | 85                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.10083 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01145  | -0.11228 | 85                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.10063 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01145  | -0.11208 | 85                     |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.10063 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01145  | -0.11208 | 85                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.10063 | WERE              | JEFFREY  | 1       | 470.0                  | 0.00065  | -0.10128 | 94                     |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.10083 | WERE              | JEFFREY  | 1       | 470.0                  | 0.00065  | -0.10148 | 94                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.10083 | WERE              | JEFFREY  | 1       | 470.0                  | 0.00065  | -0.10148 | 94                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.10083 | WERE              | JEFFREY  | 1       | 470.0                  | 0.00065  | -0.10148 | 94                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.10074 | WERE              | JEFFREY  | 1       | 470.0                  | 0.00065  | -0.10139 | 94                     |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.10083 | WERE              | LAWRENC  | 1       | 60.0                   | -0.0008  | -0.10003 | 95                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.10083 | WERE              | LAWRENC  | 1       | 60.0                   | -0.0008  | -0.10003 | 95                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.10083 | WERE              | LAWRENC  | 1       | 60.0                   | -0.0008  | -0.10003 | 95                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.10083 | WERE              | LAWRENC  | 1       | 228.9                  | -0.00071 | -0.10012 | 95                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.10083 | WERE              | LAWRENC  | 1       | 228.9                  | -0.00071 | -0.10012 | 95                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.10074 | WERE              | LAWRENC  | 1       | 228.9                  | -0.00071 | -0.10003 | 95                     |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.10083 | WERE              | LAWRENC  | 1       | 228.9                  | -0.00071 | -0.10012 | 95                     |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.10083 | WERE              | EVANS EN | 1       | 195.0                  | -0.00003 | -0.1008  | 95                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.10063 | WERE              | EVANS EN | 1       | 195.0                  | -0.00003 | -0.1006  | 95                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.10083 | WERE              | EVANS EN | 1       | 195.0                  | -0.00003 | -0.1008  | 95                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.10083 | WERE              | EVANS EN | 1       | 195.0                  | -0.00003 | -0.1008  | 95                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.10074 | WERE              | EVANS EN | 1       | 195.0                  | -0.00003 | -0.10071 | 95                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.10063 | WERE              | LAWRENC  | 1       | 60.0                   | -0.0008  | -0.09983 | 96                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.10074 | WERE              | LAWRENC  | 1       | 60.0                   | -0.0008  | -0.09994 | 96                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.10063 | WERE              | LAWRENC  | 1       | 228.9                  | -0.00071 | -0.09992 | 96                     |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.10074 | WERE              | TECUMSE  | 1       | 40.0                   | -0.00603 | -0.09471 | 101                    |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.10083 | WERE              | TECUMSE  | 1       | 40.0                   | -0.00603 | -0.0948  | 101                    |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.10083 | WERE              | TECUMSE  | 1       | 40.0                   | -0.00603 | -0.0948  | 101                    |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.10063 | WERE              | TECUMSE  | 1       | 40.0                   | -0.00603 | -0.0946  | 101                    |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.10083 | WERE              | TECUMSE  | 1       | 40.0                   | -0.00603 | -0.0948  | 101                    |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.10063 | WERE              | TECUMSE  | 1       | 68.0                   | -0.00603 | -0.0946  | 101                    |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.10083 | WERE              | TECUMSE  | 1       | 68.0                   | -0.00603 | -0.0948  | 101                    |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.10074 | WERE              | TECUMSE  | 1       | 68.0                   | -0.00603 | -0.09471 | 101                    |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.10083 | WERE              | TECUMSE  | 1       | 68.0                   | -0.00603 | -0.0948  | 101                    |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.10083 | WERE              | TECUMSE  | 1       | 68.0                   | -0.00603 | -0.0948  | 101                    |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.19045 | WERE              | HUTCHINS | 1       | 40.0                   | -0.10083 | -0.08962 | 107                    |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.19045 | WERE              | HUTCHINS | 1       | 40.0                   | -0.10083 | -0.08962 | 107                    |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.19045 | WERE              | HUTCHINS | 1       | 40.0                   | -0.10083 | -0.08962 | 107                    |  |

Maximum Decrement and Maximum Increment were determine from the Souce and Sink Operating Points in the study models where limiting facility was identified.

Factor = Source GSF - Sink GSF

Redispatch Amount = Relief Amount / Factor

**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: Wichita - Reno Co 345KV  
 Limiting Facility: NORTHVIEW - SUMMIT 115KV CKT 1  
 Direction: To->From  
 Line Outage: EXIDE JUNCTION - SUMMIT 115KV CKT 1  
 Flowgate: 57371573811573685738112206SH  
 Date Redispatch Needed: 6/1/06 - 10/1/06, 6/1/07 - 10/1/07, 6/1/08 - 10/1/08, 6/1/09 - 10/1/09, & 6/1/10 - 10/1/10

| Reservation         |  | Relief Amount | Aggregate Relief Amount |          |                   |           |         |                        |          |          |                        |  |  |
|---------------------|--|---------------|-------------------------|----------|-------------------|-----------|---------|------------------------|----------|----------|------------------------|--|--|
| 974561              |  | 6.0           | 6.1                     |          |                   |           |         |                        |          |          |                        |  |  |
| 974988              |  | 0.1           | 6.1                     |          |                   |           |         |                        |          |          |                        |  |  |
| Source Control Area | Source                                 | Source Id     | Maximum Increment (MW)  | GSF      | Sink Control Area | Sink      | Sink Id | Maximum Decrement (MW) | GSF      | Factor   | Redispatch Amount (MW) |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1             | 52.0                    | -0.14708 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.15648 | 39                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1             | 50.0                    | -0.14708 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.15648 | 39                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1             | 51.0                    | -0.14708 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.15648 | 39                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1             | 27.0                    | -0.14708 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.15648 | 39                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1             | 52.0                    | -0.14708 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.15648 | 39                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1             | 51.0                    | -0.14708 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.15648 | 39                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1             | 50.0                    | -0.14708 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.15648 | 39                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1             | 27.0                    | -0.14708 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.15648 | 39                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1             | 50.0                    | -0.14708 | WERE              | EVANS EN  | 1       | 195.0                  | -0.00004 | -0.14704 | 41                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1             | 52.0                    | -0.14708 | WERE              | EVANS EN  | 1       | 195.0                  | -0.00004 | -0.14704 | 41                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1             | 51.0                    | -0.14708 | WERE              | EVANS EN  | 1       | 195.0                  | -0.00004 | -0.14704 | 41                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1             | 27.0                    | -0.14708 | WERE              | EVANS EN  | 1       | 195.0                  | -0.00004 | -0.14704 | 41                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1             | 52.0                    | -0.14708 | WERE              | WACO      | 1       | 18.0                   | -0.00074 | -0.14634 | 41                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1             | 50.0                    | -0.14708 | WERE              | WACO      | 1       | 18.0                   | -0.00074 | -0.14634 | 41                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1             | 27.0                    | -0.14708 | WERE              | WACO      | 1       | 18.0                   | -0.00074 | -0.14634 | 41                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1             | 51.0                    | -0.14708 | WERE              | WACO      | 1       | 18.0                   | -0.00074 | -0.14634 | 41                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1             | 50.0                    | -0.14708 | WERE              | CITY OF E | 1       | 20.0                   | 0.00012  | -0.1472  | 41                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1             | 52.0                    | -0.14708 | WERE              | CITY OF E | 1       | 20.0                   | 0.00012  | -0.1472  | 41                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1             | 51.0                    | -0.14708 | WERE              | CITY OF E | 1       | 20.0                   | 0.00012  | -0.1472  | 41                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1             | 27.0                    | -0.14708 | WERE              | CITY OF E | 1       | 20.0                   | 0.00012  | -0.1472  | 41                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1             | 52.0                    | -0.14708 | WERE              | JEFFREY   | 1       | 470.0                  | -0.0014  | -0.14568 | 42                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1             | 50.0                    | -0.14708 | WERE              | JEFFREY   | 1       | 470.0                  | -0.0014  | -0.14568 | 42                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1             | 51.0                    | -0.14708 | WERE              | JEFFREY   | 1       | 470.0                  | -0.0014  | -0.14568 | 42                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1             | 27.0                    | -0.14708 | WERE              | JEFFREY   | 1       | 470.0                  | -0.0014  | -0.14568 | 42                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1             | 51.0                    | -0.14708 | WERE              | LAWRENC   | 1       | 25.0                   | -0.00204 | -0.14504 | 42                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1             | 50.0                    | -0.14708 | WERE              | LAWRENC   | 1       | 25.0                   | -0.00204 | -0.14504 | 42                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1             | 52.0                    | -0.14708 | WERE              | LAWRENC   | 1       | 25.0                   | -0.00204 | -0.14504 | 42                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1             | 27.0                    | -0.14708 | WERE              | LAWRENC   | 1       | 25.0                   | -0.00204 | -0.14504 | 42                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1             | 27.0                    | -0.14708 | WERE              | LAWRENC   | 1       | 60.0                   | -0.00205 | -0.14503 | 42                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1             | 50.0                    | -0.14708 | WERE              | LAWRENC   | 1       | 60.0                   | -0.00205 | -0.14503 | 42                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1             | 52.0                    | -0.14708 | WERE              | LAWRENC   | 1       | 60.0                   | -0.00205 | -0.14503 | 42                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1             | 51.0                    | -0.14708 | WERE              | LAWRENC   | 1       | 60.0                   | -0.00205 | -0.14503 | 42                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1             | 52.0                    | -0.14708 | WERE              | LAWRENC   | 1       | 228.9                  | -0.00202 | -0.14506 | 42                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1             | 51.0                    | -0.14708 | WERE              | LAWRENC   | 1       | 228.9                  | -0.00202 | -0.14506 | 42                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1             | 50.0                    | -0.14708 | WERE              | LAWRENC   | 1       | 228.9                  | -0.00202 | -0.14506 | 42                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1             | 27.0                    | -0.14708 | WERE              | LAWRENC   | 1       | 228.9                  | -0.00202 | -0.14506 | 42                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1             | 52.0                    | -0.14708 | WERE              | TECUMSE   | 1       | 40.0                   | -0.00759 | -0.13949 | 43                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1             | 27.0                    | -0.14708 | WERE              | TECUMSE   | 1       | 40.0                   | -0.00759 | -0.13949 | 43                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1             | 50.0                    | -0.14708 | WERE              | TECUMSE   | 1       | 40.0                   | -0.00759 | -0.13949 | 43                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1             | 51.0                    | -0.14708 | WERE              | TECUMSE   | 1       | 40.0                   | -0.00759 | -0.13949 | 43                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1             | 51.0                    | -0.14708 | WERE              | TECUMSE   | 1       | 68.0                   | -0.00759 | -0.13949 | 43                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1             | 52.0                    | -0.14708 | WERE              | TECUMSE   | 1       | 68.0                   | -0.00759 | -0.13949 | 43                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1             | 50.0                    | -0.14708 | WERE              | TECUMSE   | 1       | 68.0                   | -0.00759 | -0.13949 | 43                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1             | 27.0                    | -0.14708 | WERE              | TECUMSE   | 1       | 68.0                   | -0.00759 | -0.13949 | 43                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1             | 79.0                    | -0.12699 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.13639 | 44                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1             | 79.0                    | -0.12699 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.13639 | 44                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1             | 79.0                    | -0.12699 | WERE              | JEFFREY   | 1       | 470.0                  | -0.0014  | -0.12559 | 48                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1             | 79.0                    | -0.12699 | WERE              | LAWRENC   | 1       | 25.0                   | -0.00204 | -0.12495 | 48                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1             | 79.0                    | -0.12699 | WERE              | LAWRENC   | 1       | 60.0                   | -0.00205 | -0.12494 | 48                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1             | 79.0                    | -0.12699 | WERE              | LAWRENC   | 1       | 228.9                  | -0.00202 | -0.12497 | 48                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1             | 79.0                    | -0.12699 | WERE              | EVANS EN  | 1       | 195.0                  | -0.00004 | -0.12695 | 48                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1             | 79.0                    | -0.12699 | WERE              | WACO      | 1       | 18.0                   | -0.00074 | -0.12625 | 48                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1             | 79.0                    | -0.12699 | WERE              | CITY OF E | 1       | 20.0                   | 0.00012  | -0.12711 | 48                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1             | 79.0                    | -0.12699 | WERE              | TECUMSE   | 1       | 40.0                   | -0.00759 | -0.1194  | 51                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1             | 79.0                    | -0.12699 | WERE              | TECUMSE   | 1       | 68.0                   | -0.00759 | -0.1194  | 51                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1             | 52.0                    | -0.07388 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.08328 | 73                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1             | 78.0                    | -0.07388 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.08328 | 73                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1             | 31.0                    | -0.07373 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.08313 | 73                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1             | 52.0                    | -0.07373 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.08313 | 73                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1             | 50.0                    | -0.07381 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.08321 | 73                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1             | 111.0                   | -0.07388 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.08328 | 73                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1             | 31.0                    | -0.07373 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.08313 | 73                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1             | 111.0                   | -0.07388 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.08328 | 73                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1             | 78.0                    | -0.07388 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.08328 | 73                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1             | 52.0                    | -0.07388 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.08328 | 73                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1             | 50.0                    | -0.07381 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.08321 | 73                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1             | 52.0                    | -0.07373 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0094   | -0.08313 | 73                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1             | 31.0                    | -0.07373 | WERE              | EVANS EN  | 1       | 195.0                  | -0.00004 | -0.07369 | 82                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1             | 111.0                   | -0.07388 | WERE              | EVANS EN  | 1       | 195.0                  | -0.00004 | -0.07384 | 82                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1             | 78.0                    | -0.07388 | WERE              | EVANS EN  | 1       | 195.0                  | -0.00004 | -0.07384 | 82                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1             | 52.0                    | -0.07388 | WERE              | EVANS EN  | 1       | 195.0                  | -0.00004 | -0.07384 | 82                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1             | 50.0                    | -0.07381 | WERE              | EVANS EN  | 1       | 195.0                  | -0.00004 | -0.07377 | 82                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1             | 52.0                    | -0.07373 | WERE              | EVANS EN  | 1       | 195.0                  | -0.00004 | -0.07369 | 82                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1             | 51.0                    | -0.14708 | WERE              | HUTCHINS  | 1       | 40.0                   | -0.07388 | -0.0732  | 83                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1             | 50.0                    | -0.14708 | WERE              | HUTCHINS  | 1       | 40.0                   | -0.07388 | -0.0732  | 83                     |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1             | 52.0                    | -0.14708 | WERE              | HUTCHINS  | 1       | 40.0                   | -0.07388 | -0.0732  | 83                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1             | 52.0                    | -0.07388 | WERE              | JEFFREY   | 1       | 470.0                  | -0.0014  | -0.07248 | 84                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1             | 78.0                    | -0.07388 | WERE              | JEFFREY   | 1       | 470.0                  | -0.0014  | -0.07248 | 84                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1             | 50.0                    | -0.07381 | WERE              | JEFFREY   | 1       | 470.0                  | -0.0014  | -0.07241 | 84                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1             | 52.0                    | -0.07373 | WERE              | JEFFREY   | 1       | 470.0                  | -0.0014  | -0.07233 | 84                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1             | 111.0                   | -0.07388 | WERE              | JEFFREY   | 1       | 470.0                  | -0.0014  | -0.07248 | 84                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1             | 31.0                    | -0.07373 | WERE              | JEFFREY   | 1       | 470.0                  | -0.0014  | -0.07233 | 84                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1             | 78.0                    | -0.07388 | WERE              | LAWRENC   | 1       | 60.0                   | -0.00205 | -0.07183 | 84                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1             | 52.0                    | -0.07373 | WERE              | LAWRENC   | 1       | 60.0                   | -0.00205 | -0.07168 | 84                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1             | 111.0                   | -0.07388 | WERE              | LAWRENC   | 1       | 60.0                   | -0.00205 | -0.07183 | 84                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1             | 50.0                    | -0.07381 | WERE              | LAWRENC   | 1       | 60.0                   | -0.00205 | -0.07176 | 84                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1             | 31.0                    | -0.07373 | WERE              | LAWRENC   | 1       | 60.0                   | -0.00205 | -0.07168 | 84                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1             | 52.0                    | -0.07388 | WERE              | LAWRENC   | 1       | 60.0                   | -0.00205 | -0.07183 | 84                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1             | 31.0                    | -0.07373 | WERE              | LAWRENC   | 1       | 228.9                  | -0.00202 | -0.07171 | 84                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1             | 111.0                   | -0.07388 | WERE              | LAWRENC   | 1       | 228.9                  | -0.00202 | -0.07186 | 84                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1             | 78.0                    | -0.07388 | WERE              | LAWRENC   | 1       | 228.9                  | -0.00202 | -0.07186 | 84                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1             | 52.0                    | -0.07388 | WERE              | LAWRENC   | 1       | 228.9                  | -0.00202 | -0.07186 | 84                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1             | 50.0                    | -0.07381 | WERE              | LAWRENC   | 1       | 228.9                  | -0.00202 | -0.07179 | 84                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1             | 52.0                    | -0.07373 | WERE              | LAWRENC   | 1       | 228.9                  | -0.00202 | -0.07171 | 84                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1             | 78.0                    | -0.07388 | WERE              | TECUMSE   | 1       | 40.0                   | -0.00759 | -0.06629 | 91                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1             | 50.0                    | -0.07381 | WERE              | TECUMSE   | 1       | 40.0                   | -0.00759 | -0.06622 | 91                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1             | 52.0                    | -0.07388 | WERE              | TECUMSE   | 1       | 40.0                   | -0.00759 | -0.06629 | 91                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1             | 111.0                   | -0.07388 | WERE              | TECUMSE   | 1       | 40.0                   | -0.00759 | -0.06629 | 91                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1             | 78.0                    | -0.07388 | WERE              | TECUMSE   | 1       | 68.0                   | -0.00759 | -0.06629 | 91                     |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1             | 52.0                    | -0.07388 | WERE              | TECUMSE   | 1       | 68.0                   | -0.00759 | -0.06629 | 91                     |  |  |

**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: Wichita - Reno Co 345KV  
 Limiting Facility: EXIDE JUNCTION - NORTH AMERICAN PHILIPS 115KV CKT 1  
 Direction: From->To  
 Line Outage: EAST MCPHERSON - SUMMIT 230KV CKT 1  
 Flowgate: 57368573721568725687312206SH  
 Date Redispatch Needed: 6/1/06 - 10/1/06, 6/1/07 - 10/1/07, 6/1/08 - 10/1/08, 6/1/09 - 10/1/09, & 6/1/10 - 10/1/10

| Reservation | Relief Amount | Aggregate Relief Amount | Source Control Area | Source                                 | Source Id | Maximum Increment (MW) | GSF      | Sink Control Area | Sink      | Sink Id | Maximum Decrement (MW) | GSF      | Factor   | Redispatch Amount (MW) |
|-------------|---------------|-------------------------|---------------------|--|-----------|------------------------|----------|-------------------|-----------|---------|------------------------|----------|----------|------------------------|
| 974561      | 7.4           | 7.9                     | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30492 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.32837 | 24                     |
| 974662      | 0.2           | 7.9                     | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30492 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.32837 | 24                     |
| 974988      | 0.3           | 7.9                     | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30492 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.32837 | 24                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30492 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.32837 | 24                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30492 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.32837 | 24                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30492 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.32837 | 24                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30492 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.32837 | 24                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30492 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.32837 | 24                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30492 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01647  | -0.32139 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30492 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01647  | -0.32139 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30492 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01647  | -0.32139 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30492 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01647  | -0.32139 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01647  | -0.31436 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.32134 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.32134 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30492 | WERE              | LAWRENC   | 1       | 25.0                   | 0.00945  | -0.31437 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30492 | WERE              | LAWRENC   | 1       | 25.0                   | 0.00945  | -0.31437 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30492 | WERE              | LAWRENC   | 1       | 25.0                   | 0.00945  | -0.31437 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30492 | WERE              | LAWRENC   | 1       | 25.0                   | 0.00945  | -0.31437 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30492 | WERE              | LAWRENC   | 1       | 60.0                   | 0.00945  | -0.31437 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30492 | WERE              | LAWRENC   | 1       | 60.0                   | 0.00945  | -0.31437 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30492 | WERE              | LAWRENC   | 1       | 60.0                   | 0.00945  | -0.31437 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30492 | WERE              | LAWRENC   | 1       | 60.0                   | 0.00945  | -0.31437 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30492 | WERE              | LAWRENC   | 1       | 228.9                  | 0.00995  | -0.31487 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30492 | WERE              | LAWRENC   | 1       | 228.9                  | 0.00995  | -0.31487 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30492 | WERE              | LAWRENC   | 1       | 228.9                  | 0.00995  | -0.31487 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30492 | WERE              | LAWRENC   | 1       | 228.9                  | 0.00995  | -0.31487 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30492 | WERE              | TECUMSE   | 1       | 40.0                   | 0.00847  | -0.31339 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30492 | WERE              | TECUMSE   | 1       | 40.0                   | 0.00847  | -0.31339 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30492 | WERE              | TECUMSE   | 1       | 40.0                   | 0.00847  | -0.31339 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30492 | WERE              | TECUMSE   | 1       | 40.0                   | 0.00847  | -0.31339 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30492 | WERE              | TECUMSE   | 1       | 68.0                   | 0.00847  | -0.31339 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30492 | WERE              | TECUMSE   | 1       | 68.0                   | 0.00847  | -0.31339 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30492 | WERE              | TECUMSE   | 1       | 68.0                   | 0.00847  | -0.31339 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30492 | WERE              | TECUMSE   | 1       | 68.0                   | 0.00847  | -0.31339 | 25                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | LAWRENC   | 1       | 25.0                   | 0.00945  | -0.30734 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | LAWRENC   | 1       | 60.0                   | 0.00945  | -0.30734 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | LAWRENC   | 1       | 228.9                  | 0.00995  | -0.30784 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | TECUMSE   | 1       | 40.0                   | 0.00847  | -0.30636 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | TECUMSE   | 1       | 68.0                   | 0.00847  | -0.30636 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30492 | WERE              | EVANS EI  | 1       | 195.0                  | 0.0004   | -0.30532 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30492 | WERE              | EVANS EI  | 1       | 195.0                  | 0.0004   | -0.30532 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30492 | WERE              | EVANS EI  | 1       | 195.0                  | 0.0004   | -0.30532 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30492 | WERE              | EVANS EI  | 1       | 195.0                  | 0.0004   | -0.30532 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30492 | WERE              | WACO      | 1       | 18.0                   | -0.00269 | -0.30223 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30492 | WERE              | WACO      | 1       | 18.0                   | -0.00269 | -0.30223 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30492 | WERE              | WACO      | 1       | 18.0                   | -0.00269 | -0.30223 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30492 | WERE              | WACO      | 1       | 18.0                   | -0.00269 | -0.30223 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30492 | WERE              | CHANUTE   | 1       | 37.7                   | 0.00159  | -0.30651 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30492 | WERE              | CHANUTE   | 1       | 37.7                   | 0.00159  | -0.30651 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | CHANUTE   | 1       | 37.7                   | 0.00159  | -0.29948 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30492 | WERE              | CHANUTE   | 1       | 37.7                   | 0.00159  | -0.30651 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30492 | WERE              | CHANUTE   | 1       | 37.7                   | 0.00159  | -0.30651 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30492 | WERE              | CITY OF B | 1       | 20.0                   | 0.00159  | -0.30651 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30492 | WERE              | CITY OF B | 1       | 20.0                   | 0.00159  | -0.30651 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30492 | WERE              | CITY OF B | 1       | 20.0                   | 0.00159  | -0.30651 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30492 | WERE              | CITY OF B | 1       | 20.0                   | 0.00159  | -0.30651 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | CITY OF B | 1       | 20.0                   | 0.00159  | -0.29948 | 26                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | EVANS EI  | 1       | 195.0                  | 0.0004   | -0.29829 | 27                     |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | WACO      | 1       | 18.0                   | -0.00269 | -0.2952  | 27                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1         | 31.0                   | -0.24018 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.26363 | 30                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1         | 52.0                   | -0.24057 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.26402 | 30                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1         | 18.0                   | -0.24018 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.26363 | 30                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1         | 50.0                   | -0.24039 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.26384 | 30                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1         | 18.0                   | -0.24018 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.26363 | 30                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1         | 111.0                  | -0.24058 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.26403 | 30                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1         | 52.0                   | -0.24019 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.26364 | 30                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1         | 78.0                   | -0.24057 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.26402 | 30                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1         | 52.0                   | -0.24019 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.26364 | 30                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1         | 111.0                  | -0.24058 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.26403 | 30                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1         | 18.0                   | -0.24018 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.26363 | 30                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1         | 52.0                   | -0.24057 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.26402 | 30                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1         | 50.0                   | -0.24039 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.26384 | 30                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1         | 78.0                   | -0.24057 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.26402 | 30                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1         | 18.0                   | -0.24018 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.26363 | 30                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1         | 31.0                   | -0.24018 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02345  | -0.26363 | 30                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1         | 52.0                   | -0.24057 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01647  | -0.25704 | 31                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1         | 31.0                   | -0.24018 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01647  | -0.25665 | 31                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1         | 50.0                   | -0.24039 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01647  | -0.25686 | 31                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1         | 18.0                   | -0.24018 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01647  | -0.25665 | 31                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1         | 52.0                   | -0.24019 | WERE              | JEFFREY   | 1       | 470                    |          |          |                        |

**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: Wichita - Reno Co 345KV  
 Limiting Facility: NORTH AMERICAN PHILIPS JUNCTION (SOUTH) - WEST MCPHERSON 115KV CKT 1  
 Direction: From->To  
 Line Outage: EAST MCPHERSON - SUMMIT 230KV CKT 1  
 Flowgate: 57374574381568725687312206SH  
 Date Redispatch Needed: 6/1/06 - 10/1/06, 6/1/07 - 10/1/07, 6/1/08 - 10/1/08, 6/1/09 - 10/1/09, & 6/1/10 - 10/1/10

| Reservation         | Relief Amount                          | Aggregate Relief Amount |                        |          |                   |         |         |                        |         |          |                        |  |
|---------------------|--|-------------------------|------------------------|----------|-------------------|---------|---------|------------------------|---------|----------|------------------------|--|
| 974662              | 0.2                                    | 0.4                     |                        |          |                   |         |         |                        |         |          |                        |  |
| 974988              | 0.2                                    | 0.4                     |                        |          |                   |         |         |                        |         |          |                        |  |
| Source Control Area | Source                                 | Source Id               | Maximum Increment (MW) | GSF      | Sink Control Area | Sink    | Sink Id | Maximum Decrement (MW) | GSF     | Factor   | Redispatch Amount (MW) |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.19664 | WERE              | JEFFREY | 1       | 470.0                  | 0.01648 | -0.21312 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 1 | 1                       | 52.0                   | -0.19633 | WERE              | JEFFREY | 1       | 470.0                  | 0.01648 | -0.21281 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.19633 | WERE              | JEFFREY | 1       | 470.0                  | 0.01648 | -0.21281 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 3 | 1                       | 52.0                   | -0.19664 | WERE              | JEFFREY | 1       | 470.0                  | 0.01648 | -0.21312 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.19664 | WERE              | JEFFREY | 1       | 470.0                  | 0.01648 | -0.21312 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 2 | 1                       | 50.0                   | -0.19649 | WERE              | JEFFREY | 1       | 470.0                  | 0.01648 | -0.21297 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.19633 | WERE              | JEFFREY | 1       | 470.0                  | 0.01648 | -0.21281 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.24255 | WERE              | JEFFREY | 1       | 470.0                  | 0.01648 | -0.25903 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.24815 | WERE              | JEFFREY | 1       | 470.0                  | 0.01648 | -0.26463 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.24815 | WERE              | JEFFREY | 1       | 470.0                  | 0.01648 | -0.26463 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.24815 | WERE              | JEFFREY | 1       | 470.0                  | 0.01648 | -0.26463 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.19633 | WERE              | JEFFREY | 1       | 470.0                  | 0.01648 | -0.21281 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.24815 | WERE              | JEFFREY | 1       | 470.0                  | 0.01648 | -0.26463 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.19633 | WERE              | JEFFREY | 1       | 470.0                  | 0.01703 | -0.21336 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.24255 | WERE              | JEFFREY | 1       | 470.0                  | 0.01703 | -0.25958 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.24815 | WERE              | JEFFREY | 1       | 470.0                  | 0.01703 | -0.26518 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.24815 | WERE              | JEFFREY | 1       | 470.0                  | 0.01703 | -0.26518 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.24815 | WERE              | JEFFREY | 1       | 470.0                  | 0.01703 | -0.26518 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.24815 | WERE              | JEFFREY | 1       | 470.0                  | 0.01703 | -0.26518 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.19633 | WERE              | JEFFREY | 1       | 470.0                  | 0.01703 | -0.21336 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.19664 | WERE              | JEFFREY | 1       | 470.0                  | 0.01703 | -0.21367 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 3 | 1                       | 52.0                   | -0.19664 | WERE              | JEFFREY | 1       | 470.0                  | 0.01703 | -0.21367 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.19633 | WERE              | JEFFREY | 1       | 470.0                  | 0.01703 | -0.21336 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 2 | 1                       | 50.0                   | -0.19649 | WERE              | JEFFREY | 1       | 470.0                  | 0.01703 | -0.21352 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.19664 | WERE              | JEFFREY | 1       | 470.0                  | 0.01703 | -0.21367 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 1 | 1                       | 52.0                   | -0.19633 | WERE              | JEFFREY | 1       | 470.0                  | 0.01703 | -0.21336 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.24255 | WERE              | JEFFREY | 1       | 470.0                  | 0.01703 | -0.25958 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.24815 | WERE              | JEFFREY | 1       | 470.0                  | 0.01703 | -0.26518 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.24815 | WERE              | JEFFREY | 1       | 470.0                  | 0.01703 | -0.26518 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.19633 | WERE              | JEFFREY | 1       | 470.0                  | 0.01703 | -0.21336 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.19633 | WERE              | JEFFREY | 1       | 470.0                  | 0.01703 | -0.21336 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 3 | 1                       | 52.0                   | -0.19664 | WERE              | JEFFREY | 1       | 470.0                  | 0.01703 | -0.21367 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.19664 | WERE              | JEFFREY | 1       | 470.0                  | 0.01703 | -0.21367 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.19633 | WERE              | JEFFREY | 1       | 470.0                  | 0.01703 | -0.21336 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.24815 | WERE              | JEFFREY | 1       | 470.0                  | 0.01703 | -0.26518 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.24815 | WERE              | JEFFREY | 1       | 470.0                  | 0.01703 | -0.26518 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 1 | 1                       | 52.0                   | -0.19633 | WERE              | JEFFREY | 1       | 470.0                  | 0.01703 | -0.21336 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 2 | 1                       | 50.0                   | -0.19649 | WERE              | JEFFREY | 1       | 470.0                  | 0.01703 | -0.21352 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.19664 | WERE              | JEFFREY | 1       | 470.0                  | 0.01703 | -0.21367 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.19633 | WERE              | LAWRENC | 1       | 25.0                   | 0.0101  | -0.20643 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.19664 | WERE              | LAWRENC | 1       | 25.0                   | 0.0101  | -0.20674 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.24815 | WERE              | LAWRENC | 1       | 25.0                   | 0.0101  | -0.25825 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.24815 | WERE              | LAWRENC | 1       | 25.0                   | 0.0101  | -0.25825 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.24255 | WERE              | LAWRENC | 1       | 25.0                   | 0.0101  | -0.25265 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 2 | 1                       | 50.0                   | -0.19649 | WERE              | LAWRENC | 1       | 25.0                   | 0.0101  | -0.20659 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 1 | 1                       | 52.0                   | -0.19633 | WERE              | LAWRENC | 1       | 25.0                   | 0.0101  | -0.20643 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.19633 | WERE              | LAWRENC | 1       | 25.0                   | 0.0101  | -0.20643 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.19664 | WERE              | LAWRENC | 1       | 25.0                   | 0.0101  | -0.20674 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 3 | 1                       | 52.0                   | -0.19664 | WERE              | LAWRENC | 1       | 25.0                   | 0.0101  | -0.20674 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.19633 | WERE              | LAWRENC | 1       | 25.0                   | 0.0101  | -0.20643 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.24815 | WERE              | LAWRENC | 1       | 25.0                   | 0.0101  | -0.25825 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.24815 | WERE              | LAWRENC | 1       | 25.0                   | 0.0101  | -0.25825 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 2 | 1                       | 50.0                   | -0.19649 | WERE              | LAWRENC | 1       | 60.0                   | 0.0101  | -0.20659 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 1 | 1                       | 52.0                   | -0.19633 | WERE              | LAWRENC | 1       | 60.0                   | 0.0101  | -0.20643 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.19664 | WERE              | LAWRENC | 1       | 60.0                   | 0.0101  | -0.20674 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.19633 | WERE              | LAWRENC | 1       | 60.0                   | 0.0101  | -0.20643 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 3 | 1                       | 52.0                   | -0.19664 | WERE              | LAWRENC | 1       | 60.0                   | 0.0101  | -0.20674 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.24815 | WERE              | LAWRENC | 1       | 60.0                   | 0.0101  | -0.25825 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.19664 | WERE              | LAWRENC | 1       | 60.0                   | 0.0101  | -0.20674 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.19633 | WERE              | LAWRENC | 1       | 60.0                   | 0.0101  | -0.20643 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.24815 | WERE              | LAWRENC | 1       | 60.0                   | 0.0101  | -0.25825 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.24815 | WERE              | LAWRENC | 1       | 60.0                   | 0.0101  | -0.25825 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.24815 | WERE              | LAWRENC | 1       | 60.0                   | 0.0101  | -0.25825 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.24255 | WERE              | LAWRENC | 1       | 60.0                   | 0.0101  | -0.25265 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.19633 | WERE              | LAWRENC | 1       | 60.0                   | 0.0101  | -0.20643 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.24815 | WERE              | LAWRENC | 1       | 228.9                  | 0.01056 | -0.25871 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.19664 | WERE              | LAWRENC | 1       | 228.9                  | 0.01056 | -0.2072  | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.24815 | WERE              | LAWRENC | 1       | 228.9                  | 0.01056 | -0.25871 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.24815 | WERE              | LAWRENC | 1       | 228.9                  | 0.01056 | -0.25871 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.24815 | WERE              | LAWRENC | 1       | 228.9                  | 0.01056 | -0.25871 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.24255 | WERE              | LAWRENC | 1       | 228.9                  | 0.01056 | -0.25311 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.19633 | WERE              | LAWRENC | 1       | 228.9                  | 0.01056 | -0.20689 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.19664 | WERE              | LAWRENC | 1       | 228.9                  | 0.01056 | -0.2072  | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.19633 | WERE              | LAWRENC | 1       | 228.9                  | 0.01056 | -0.20689 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.19633 | WERE              | LAWRENC | 1       | 228.9                  | 0.01056 | -0.20689 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 1 | 1                       | 52.0                   | -0.19633 | WERE              | LAWRENC | 1       | 228.9                  | 0.01056 | -0.20689 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 2 | 1                       | 50.0                   | -0.19649 | WERE              | LAWRENC | 1       | 228.9                  | 0.01056 | -0.20705 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 3 | 1                       | 52.0                   | -0.19664 | WERE              | LAWRENC | 1       | 228.9                  | 0.01056 | -0.2072  | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.19633 | WERE              | TECUMSE | 1       | 40.0                   | 0.01229 | -0.20862 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.24815 | WERE              | TECUMSE | 1       | 40.0                   | 0.01229 | -0.26044 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.24815 | WERE              | TECUMSE | 1       | 40.0                   | 0.01229 | -0.26044 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.19664 | WERE              | TECUMSE | 1       | 40.0                   | 0.01229 | -0.20893 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.19633 | WERE              | TECUMSE | 1       | 40.0                   | 0.01229 | -0.20862 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 2 | 1                       | 50.0                   | -0.19649 | WERE              | TECUMSE | 1       | 40.0                   | 0.01229 | -0.20878 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.24255 | WERE              | TECUMSE | 1       | 40.0                   | 0.01229 | -0.25484 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.19664 | WERE              | TECUMSE | 1       | 40.0                   | 0.01229 | -0.20893 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.24815 | WERE              | TECUMSE | 1       | 40.0                   | 0.01229 | -0.26044 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 3 | 1                       | 52.0                   | -0.19664 | WERE              | TECUMSE | 1       | 40.0                   | 0.01229 | -0.20893 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.24815 | WERE              | TECUMSE | 1       | 40.0                   | 0.01229 | -0.26044 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 1 | 1                       | 52.0                   | -0.19633 | WERE              | TECUMSE | 1       | 40.0                   | 0.01229 | -0.20862 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.19633 | WERE              | TECUMSE | 1       | 40.0                   | 0.01229 | -0.20862 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 111.0                  | -0.19664 | WERE              | TECUMSE | 1       | 68.0                   | 0.01229 | -0.20893 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.19664 | WERE              | TECUMSE | 1       | 68.0                   | 0.01229 | -0.20893 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.19633 | WERE              | TECUMSE | 1       | 68.0                   | 0.01229 | -0.20862 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.19664 | WERE              | TECUMSE | 1       | 68.0                   | 0.01229 | -0.20893 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 2 | 1                       | 50.0                   | -0.19649 | WERE              | TECUMSE | 1       | 68.0                   | 0.01229 | -0.20878 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.19633 | WERE              | TECUMSE | 1       | 68.0                   | 0.01229 | -0.20862 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.19633 | WERE              | TECUMSE | 1       | 68.0                   | 0.01229 | -0.20862 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.19633 | WERE              | TECUMSE | 1       | 68.0                   | 0.01229 | -0.20862 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.24815 | WERE              | TECUMSE | 1       | 68.0                   | 0.01229 | -0.26044 | 2                      |  |

Maximum Decrement and Maximum Increment were determine from the Souce and Sink Operating Points in the study models where limiting facility was identified.

Factor = Source GSF - Sink GSF

Redispatch Amount = Relief Amount / Factor

**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: Wichita - Reno Co 345KV  
 Limiting Facility: EXIDE JUNCTION - SUMMIT 115KV CKT 1  
 Direction: To->From  
 Line Outage: EAST MCPHERSON - SUMMIT 230KV CKT 1  
 Flowgate: 57368573811568725687312206FA  
 Date Redispatch Needed: 10/1/06 - 12/1/06, 10/1/07 - 12/1/07, 10/1/08 - 12/1/08, & 10/1/09 - 12/1/09

| Reservation | Relief Amount | Aggregate Relief Amount | Source Control Area | Source                                 | Source Id | Maximum Increment (MW) | GSF      | Sink Control Area | Sink      | Sink Id | Maximum Decrement (MW) | GSF      | Factor   | Redispatch Amount (MW) |
|-------------|---------------|-------------------------|---------------------|--|-----------|------------------------|----------|-------------------|-----------|---------|------------------------|----------|----------|------------------------|
| 974561      | 2.6           | 2.7                     | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30491 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02346  | -0.32837 | 8                      |
| 974662      | 0.1           | 2.7                     | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30491 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02346  | -0.32837 | 8                      |
| 974988      | 0.1           | 2.7                     | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30491 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02346  | -0.32837 | 8                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30491 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02346  | -0.32837 | 8                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30491 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02346  | -0.32837 | 8                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30491 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02346  | -0.32837 | 8                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30491 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02346  | -0.32837 | 8                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01647  | -0.31436 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30491 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01647  | -0.32138 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30491 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01647  | -0.32138 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30491 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01647  | -0.32138 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30491 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01647  | -0.32138 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02346  | -0.32135 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02346  | -0.32135 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | LAWRENC   | 1       | 172.3                  | 0.00995  | -0.30784 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30491 | WERE              | LAWRENC   | 1       | 172.3                  | 0.00995  | -0.31486 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30491 | WERE              | LAWRENC   | 1       | 172.3                  | 0.00995  | -0.31486 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30491 | WERE              | LAWRENC   | 1       | 172.3                  | 0.00995  | -0.31486 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30491 | WERE              | LAWRENC   | 1       | 172.3                  | 0.00995  | -0.31486 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30491 | WERE              | TECUMSE   | 1       | 40.0                   | 0.00847  | -0.31338 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30491 | WERE              | TECUMSE   | 1       | 40.0                   | 0.00847  | -0.31338 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30491 | WERE              | TECUMSE   | 1       | 40.0                   | 0.00847  | -0.31338 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30491 | WERE              | TECUMSE   | 1       | 40.0                   | 0.00847  | -0.31338 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | TECUMSE   | 1       | 40.0                   | 0.00847  | -0.30636 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30491 | WERE              | TECUMSE   | 1       | 48.0                   | 0.00847  | -0.31338 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | TECUMSE   | 1       | 48.0                   | 0.00847  | -0.30636 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30491 | WERE              | TECUMSE   | 1       | 48.0                   | 0.00847  | -0.31338 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30491 | WERE              | TECUMSE   | 1       | 48.0                   | 0.00847  | -0.31338 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30491 | WERE              | TECUMSE   | 1       | 48.0                   | 0.00847  | -0.31338 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30491 | WERE              | EVANS EN  | 1       | 98.4                   | 0.0004   | -0.30531 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | EVANS EN  | 1       | 98.4                   | 0.0004   | -0.29829 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30491 | WERE              | EVANS EN  | 1       | 98.4                   | 0.0004   | -0.30531 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30491 | WERE              | EVANS EN  | 1       | 98.4                   | 0.0004   | -0.30531 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30491 | WERE              | EVANS EN  | 1       | 98.4                   | 0.0004   | -0.30531 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30491 | WERE              | WACO      | 1       | 18.0                   | -0.00269 | -0.30222 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30491 | WERE              | WACO      | 1       | 18.0                   | -0.00269 | -0.30222 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30491 | WERE              | WACO      | 1       | 18.0                   | -0.00269 | -0.30222 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30491 | WERE              | WACO      | 1       | 18.0                   | -0.00269 | -0.30222 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | WACO      | 1       | 18.0                   | -0.00269 | -0.2952  | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30491 | WERE              | CITY OF V | 1       | 16.3                   | -0.00159 | -0.30332 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30491 | WERE              | CITY OF V | 1       | 16.3                   | -0.00159 | -0.30332 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30491 | WERE              | CITY OF V | 1       | 16.3                   | -0.00159 | -0.30332 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30491 | WERE              | CITY OF V | 1       | 16.3                   | -0.00159 | -0.30332 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | CITY OF V | 1       | 16.3                   | -0.00159 | -0.2963  | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30491 | WERE              | CITY OF V | 6       | 11.0                   | -0.00159 | -0.30332 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30491 | WERE              | CITY OF V | 6       | 11.0                   | -0.00159 | -0.30332 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | CITY OF V | 6       | 11.0                   | -0.00159 | -0.2963  | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30491 | WERE              | CITY OF V | 6       | 11.0                   | -0.00159 | -0.30332 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30491 | WERE              | CITY OF V | 6       | 11.0                   | -0.00159 | -0.30332 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30491 | WERE              | CITY OF V | 1       | 26.3                   | -0.00096 | -0.30395 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | CITY OF V | 1       | 26.3                   | -0.00096 | -0.29693 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30491 | WERE              | CITY OF V | 1       | 26.3                   | -0.00096 | -0.30395 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30491 | WERE              | CITY OF V | 1       | 26.3                   | -0.00096 | -0.30395 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30491 | WERE              | CITY OF V | 1       | 26.3                   | -0.00096 | -0.30395 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30491 | WERE              | CITY OF V | T       | 11.3                   | -0.00096 | -0.30395 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | CITY OF V | T       | 11.3                   | -0.00096 | -0.29693 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30491 | WERE              | CITY OF V | T       | 11.3                   | -0.00096 | -0.30395 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30491 | WERE              | CITY OF V | T       | 11.3                   | -0.00096 | -0.30395 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30491 | WERE              | CITY OF V | T       | 11.3                   | -0.00096 | -0.30395 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | CHANUTE   | 1       | 30.6                   | 0.00159  | -0.29948 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30491 | WERE              | CHANUTE   | 1       | 30.6                   | 0.00159  | -0.3065  | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30491 | WERE              | CHANUTE   | 1       | 30.6                   | 0.00159  | -0.3065  | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30491 | WERE              | CHANUTE   | 1       | 30.6                   | 0.00159  | -0.3065  | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30491 | WERE              | CHANUTE   | 1       | 30.6                   | 0.00159  | -0.3065  | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.29789 | WERE              | CITY OF E | 1       | 20.0                   | 0.00159  | -0.29948 | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.30491 | WERE              | CITY OF E | 1       | 20.0                   | 0.00159  | -0.3065  | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.30491 | WERE              | CITY OF E | 1       | 20.0                   | 0.00159  | -0.3065  | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.30491 | WERE              | CITY OF E | 1       | 20.0                   | 0.00159  | -0.3065  | 9                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.30491 | WERE              | CITY OF E | 1       | 20.0                   | 0.00159  | -0.3065  | 9                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1         | 78.0                   | -0.24057 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02346  | -0.26403 | 10                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1         | 18.0                   | -0.24018 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02346  | -0.26364 | 10                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1         | 151.0                  | -0.24058 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02346  | -0.26404 | 10                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1         | 50.0                   | -0.24039 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02346  | -0.26385 | 10                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1         | 31.0                   | -0.24018 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02346  | -0.26364 | 10                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1         | 18.0                   | -0.24018 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02346  | -0.26364 | 10                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1         | 52.0                   | -0.24019 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02346  | -0.26365 | 10                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1         | 52.0                   | -0.24057 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02346  | -0.26403 | 10                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1         | 31.0                   | -0.24018 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02346  | -0.26364 | 10                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1         | 50.0                   | -0.24039 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02346  | -0.26385 | 10                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1         | 151.0                  | -0.24058 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02346  | -0.26404 | 10                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1         | 78.0                   | -0.24057 | WERE              | JEFFREY   | 1       | 470.0                  | 0.02346  | -0.26403 | 10                     |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1         | 52.0                   | -0.      |                   |           |         |                        |          |          |                        |

**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: Wichita - Reno Co 345KV  
 Limiting Facility: NORTH AMERICAN PHILIPS - NORTH AMERICAN PHILIPS JUNCTION (SOUTH) 115KV CKT 1  
 Direction: From->To  
 Line Outage: EAST MCPHERSON - SUMMIT 230KV CKT 1  
 Flowgate: 57372573741568725687312206FA  
 Date Redispatch Needed: 10/1/06 - 12/1/06, 10/1/07 - 12/1/07, 10/1/08 - 12/1/08, & 10/1/09 - 12/1/09

| Reservation | Relief Amount                          | Aggregate Relief Amount | Source Control Area | Source   | Source Id | Maximum Increment (MW) | GSF | Sink Control Area | Sink    | Sink Id  | Maximum Decrement (MW) | GSF | Factor | Redispatch Amount (MW) |
|-------------|--|-------------------------|---------------------|----------|-----------|------------------------|-----|-------------------|---------|----------|------------------------|-----|--------|------------------------|
| 974662      | 0.4                                    | 0.9                     |                     |          |           |                        |     |                   |         |          |                        |     |        |                        |
| 974988      | 0.5                                    | 0.9                     |                     |          |           |                        |     |                   |         |          |                        |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                | -0.42218 | WERE      | JEFFREY                | 1   | 470.0             | 0.03544 | -0.45762 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                | -0.42218 | WERE      | JEFFREY                | 1   | 470.0             | 0.03544 | -0.45762 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                | -0.42218 | WERE      | JEFFREY                | 1   | 470.0             | 0.03544 | -0.45762 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                | -0.42285 | WERE      | JEFFREY                | 1   | 470.0             | 0.03544 | -0.45829 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                | -0.42253 | WERE      | JEFFREY                | 1   | 470.0             | 0.03544 | -0.45797 | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                | -0.53361 | WERE      | JEFFREY                | 1   | 470.0             | 0.03544 | -0.56905 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 151.0               | -0.42286 | WERE      | JEFFREY                | 1   | 470.0             | 0.03544 | -0.4583  | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                | -0.53361 | WERE      | JEFFREY                | 1   | 470.0             | 0.03544 | -0.56905 | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                | -0.53361 | WERE      | JEFFREY                | 1   | 470.0             | 0.03544 | -0.56905 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                | -0.42285 | WERE      | JEFFREY                | 1   | 470.0             | 0.03544 | -0.45829 | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                | -0.53361 | WERE      | JEFFREY                | 1   | 470.0             | 0.03544 | -0.56905 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                | -0.42219 | WERE      | JEFFREY                | 1   | 470.0             | 0.03544 | -0.45763 | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                | -0.52157 | WERE      | JEFFREY                | 1   | 470.0             | 0.03544 | -0.55701 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                | -0.42219 | WERE      | JEFFREY                | 1   | 470.0             | 0.03662 | -0.45881 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                | -0.42253 | WERE      | JEFFREY                | 1   | 470.0             | 0.03662 | -0.45915 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                | -0.42285 | WERE      | JEFFREY                | 1   | 470.0             | 0.03662 | -0.45947 | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                | -0.53361 | WERE      | JEFFREY                | 1   | 470.0             | 0.03662 | -0.57023 | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                | -0.53361 | WERE      | JEFFREY                | 1   | 470.0             | 0.03662 | -0.57023 | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                | -0.53361 | WERE      | JEFFREY                | 1   | 470.0             | 0.03662 | -0.57023 | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                | -0.53361 | WERE      | JEFFREY                | 1   | 470.0             | 0.03662 | -0.57023 | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                | -0.52157 | WERE      | JEFFREY                | 1   | 470.0             | 0.03662 | -0.55819 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 151.0               | -0.42286 | WERE      | JEFFREY                | 1   | 470.0             | 0.03662 | -0.45948 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                | -0.42218 | WERE      | JEFFREY                | 1   | 470.0             | 0.03662 | -0.4588  | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                | -0.42218 | WERE      | JEFFREY                | 1   | 470.0             | 0.03662 | -0.4588  | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                | -0.42218 | WERE      | JEFFREY                | 1   | 470.0             | 0.03662 | -0.4588  | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                | -0.42285 | WERE      | JEFFREY                | 1   | 470.0             | 0.03662 | -0.45947 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                | -0.42218 | WERE      | JEFFREY                | 1   | 470.0             | 0.03662 | -0.4588  | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                | -0.42218 | WERE      | JEFFREY                | 1   | 470.0             | 0.03662 | -0.4588  | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                | -0.53361 | WERE      | JEFFREY                | 1   | 470.0             | 0.03662 | -0.57023 | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                | -0.53361 | WERE      | JEFFREY                | 1   | 470.0             | 0.03662 | -0.57023 | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                | -0.53361 | WERE      | JEFFREY                | 1   | 470.0             | 0.03662 | -0.57023 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 151.0               | -0.42286 | WERE      | JEFFREY                | 1   | 470.0             | 0.03662 | -0.45948 | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                | -0.53361 | WERE      | JEFFREY                | 1   | 470.0             | 0.03662 | -0.57023 | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                | -0.52157 | WERE      | JEFFREY                | 1   | 470.0             | 0.03662 | -0.55819 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                | -0.42285 | WERE      | JEFFREY                | 1   | 470.0             | 0.03662 | -0.45947 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                | -0.42285 | WERE      | JEFFREY                | 1   | 470.0             | 0.03662 | -0.45947 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                | -0.42218 | WERE      | JEFFREY                | 1   | 470.0             | 0.03662 | -0.4588  | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                | -0.42219 | WERE      | JEFFREY                | 1   | 470.0             | 0.03662 | -0.45881 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                | -0.42253 | WERE      | JEFFREY                | 1   | 470.0             | 0.03662 | -0.45915 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                | -0.42218 | WERE      | LAWRENC                | 1   | 172.3             | 0.02272 | -0.4449  | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                | -0.52157 | WERE      | LAWRENC                | 1   | 172.3             | 0.02272 | -0.54429 | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                | -0.53361 | WERE      | LAWRENC                | 1   | 172.3             | 0.02272 | -0.55633 | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                | -0.53361 | WERE      | LAWRENC                | 1   | 172.3             | 0.02272 | -0.55633 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                | -0.42218 | WERE      | LAWRENC                | 1   | 172.3             | 0.02272 | -0.4449  | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                | -0.53361 | WERE      | LAWRENC                | 1   | 172.3             | 0.02272 | -0.55633 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                | -0.42285 | WERE      | LAWRENC                | 1   | 172.3             | 0.02272 | -0.44557 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                | -0.42285 | WERE      | LAWRENC                | 1   | 172.3             | 0.02272 | -0.44557 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 151.0               | -0.42286 | WERE      | LAWRENC                | 1   | 172.3             | 0.02272 | -0.44558 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                | -0.42253 | WERE      | LAWRENC                | 1   | 172.3             | 0.02272 | -0.44525 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                | -0.42219 | WERE      | LAWRENC                | 1   | 172.3             | 0.02272 | -0.44491 | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                | -0.53361 | WERE      | LAWRENC                | 1   | 172.3             | 0.02272 | -0.55633 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                | -0.42218 | WERE      | LAWRENC                | 1   | 172.3             | 0.02272 | -0.4449  | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                | -0.53361 | WERE      | TECUMSE                | 1   | 40.0              | 0.02643 | -0.56004 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                | -0.42285 | WERE      | TECUMSE                | 1   | 40.0              | 0.02643 | -0.44928 | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                | -0.53361 | WERE      | TECUMSE                | 1   | 40.0              | 0.02643 | -0.56004 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                | -0.42218 | WERE      | TECUMSE                | 1   | 40.0              | 0.02643 | -0.44861 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                | -0.42219 | WERE      | TECUMSE                | 1   | 40.0              | 0.02643 | -0.44862 | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                | -0.52157 | WERE      | TECUMSE                | 1   | 40.0              | 0.02643 | -0.548   | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                | -0.53361 | WERE      | TECUMSE                | 1   | 40.0              | 0.02643 | -0.56004 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                | -0.42253 | WERE      | TECUMSE                | 1   | 40.0              | 0.02643 | -0.44896 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                | -0.42218 | WERE      | TECUMSE                | 1   | 40.0              | 0.02643 | -0.44861 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 151.0               | -0.42286 | WERE      | TECUMSE                | 1   | 40.0              | 0.02643 | -0.44929 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                | -0.42285 | WERE      | TECUMSE                | 1   | 40.0              | 0.02643 | -0.44928 | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                | -0.53361 | WERE      | TECUMSE                | 1   | 40.0              | 0.02643 | -0.56004 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                | -0.42218 | WERE      | TECUMSE                | 1   | 40.0              | 0.02643 | -0.44861 | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                | -0.52157 | WERE      | TECUMSE                | 1   | 48.0              | 0.02643 | -0.548   | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                | -0.42218 | WERE      | TECUMSE                | 1   | 48.0              | 0.02643 | -0.44861 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                | -0.42253 | WERE      | TECUMSE                | 1   | 48.0              | 0.02643 | -0.44896 | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                | -0.53361 | WERE      | TECUMSE                | 1   | 48.0              | 0.02643 | -0.56004 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                | -0.42219 | WERE      | TECUMSE                | 1   | 48.0              | 0.02643 | -0.44862 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                | -0.42285 | WERE      | TECUMSE                | 1   | 48.0              | 0.02643 | -0.44928 | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                | -0.53361 | WERE      | TECUMSE                | 1   | 48.0              | 0.02643 | -0.56004 | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                | -0.53361 | WERE      | TECUMSE                | 1   | 48.0              | 0.02643 | -0.56004 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                | -0.42218 | WERE      | TECUMSE                | 1   | 48.0              | 0.02643 | -0.44861 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                | -0.42218 | WERE      | TECUMSE                | 1   | 48.0              | 0.02643 | -0.44861 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                | -0.42285 | WERE      | TECUMSE                | 1   | 48.0              | 0.02643 | -0.44928 | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                | -0.53361 | WERE      | TECUMSE                | 1   | 48.0              | 0.02643 | -0.56004 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 151.0               | -0.42286 | WERE      | TECUMSE                | 1   | 48.0              | 0.02643 | -0.44929 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                | -0.42253 | WERE      | EVANS EN               | 1   | 98.4              | 0.00066 | -0.42319 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                | -0.42285 | WERE      | EVANS EN               | 1   | 98.4              | 0.00066 | -0.42351 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                | -0.42218 | WERE      | EVANS EN               | 1   | 98.4              | 0.00066 | -0.42284 | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                | -0.53361 | WERE      | EVANS EN               | 1   | 98.4              | 0.00066 | -0.53427 | 2                      |     |        |                        |
| WERE        | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                | -0.52157 | WERE      | EVANS EN               | 1   | 98.4              | 0.00066 | -0.52223 | 2                      |     |        |                        |
| WERE        | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                | -0.4     |           |                        |     |                   |         |          |                        |     |        |                        |

**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: Wichita - Reno Co 345KV  
 Limiting Facility: NORTH AMERICAN PHILIPS JUNCTION (SOUTH) - WEST MCPHERSON 115KV CKT 1  
 Direction: From->To  
 Line Outage: EAST MCPHERSON - SUMMIT 230KV CKT 1  
 Flowgate: 57374574381568725687312206FA  
 Date Redispatch Needed: 10/1/06 - 12/1/06, 10/1/07 - 12/1/07, 10/1/08 - 12/1/08, & 10/1/09 - 12/1/09

| Reservation         |  | Relief Amount |                        | Aggregate Relief Amount |                   |          |         |                        |          |          |                        |  |  |  |  |
|---------------------|--|---------------|------------------------|-------------------------|-------------------|----------|---------|------------------------|----------|----------|------------------------|--|--|--|--|
| 974662              |  | 0.2           |                        | 0.4                     |                   |          |         |                        |          |          |                        |  |  |  |  |
| 974988              |  | 0.2           |                        | 0.4                     |                   |          |         |                        |          |          |                        |  |  |  |  |
| Source Control Area | Source                                 | Source Id     | Maximum Increment (MW) | GSF                     | Sink Control Area | Sink     | Sink Id | Maximum Decrement (MW) | GSF      | Factor   | Redispatch Amount (MW) |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1             | 79.0                   | -0.24255                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01648  | -0.25903 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1             | 51.0                   | -0.24815                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01648  | -0.26463 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1             | 27.0                   | -0.24815                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01648  | -0.26463 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1             | 18.0                   | -0.19633                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01648  | -0.21281 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1             | 78.0                   | -0.19664                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01648  | -0.21312 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1             | 18.0                   | -0.19633                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01648  | -0.21281 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1             | 52.0                   | -0.19664                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01648  | -0.21312 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1             | 31.0                   | -0.19633                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01648  | -0.21281 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1             | 50.0                   | -0.19649                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01648  | -0.21297 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1             | 151.0                  | -0.19664                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01648  | -0.21312 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1             | 52.0                   | -0.19633                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01648  | -0.21281 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1             | 52.0                   | -0.24815                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01648  | -0.26463 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1             | 50.0                   | -0.24815                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01648  | -0.26463 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1             | 79.0                   | -0.24255                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01703  | -0.25958 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1             | 50.0                   | -0.24815                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01703  | -0.26518 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1             | 52.0                   | -0.24815                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01703  | -0.26518 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1             | 31.0                   | -0.19633                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01703  | -0.21366 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1             | 52.0                   | -0.19664                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01703  | -0.21367 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1             | 78.0                   | -0.19664                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01703  | -0.21367 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1             | 151.0                  | -0.19664                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01703  | -0.21367 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1             | 18.0                   | -0.19633                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01703  | -0.21366 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1             | 50.0                   | -0.19649                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01703  | -0.21352 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1             | 18.0                   | -0.19633                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01703  | -0.21366 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1             | 52.0                   | -0.19633                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01703  | -0.21366 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1             | 51.0                   | -0.24815                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01703  | -0.26518 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1             | 27.0                   | -0.24815                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01703  | -0.26518 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1             | 79.0                   | -0.24255                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01703  | -0.25958 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1             | 18.0                   | -0.19633                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01703  | -0.21366 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1             | 78.0                   | -0.19664                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01703  | -0.21367 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1             | 52.0                   | -0.19664                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01703  | -0.21367 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1             | 18.0                   | -0.19633                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01703  | -0.21366 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1             | 27.0                   | -0.24815                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01703  | -0.26518 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1             | 52.0                   | -0.19633                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01703  | -0.21366 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1             | 50.0                   | -0.19649                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01703  | -0.21352 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1             | 151.0                  | -0.19664                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01703  | -0.21367 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1             | 52.0                   | -0.24815                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01703  | -0.26518 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1             | 51.0                   | -0.24815                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01703  | -0.26518 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1             | 50.0                   | -0.24815                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01703  | -0.26518 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1             | 31.0                   | -0.19633                | WERE              | JEFFREY  | 1       | 470.0                  | 0.01703  | -0.21366 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1             | 79.0                   | -0.24255                | WERE              | LAWRENC  | 1       | 172.3                  | 0.01056  | -0.25311 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1             | 78.0                   | -0.19664                | WERE              | LAWRENC  | 1       | 172.3                  | 0.01056  | -0.2072  | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1             | 27.0                   | -0.24815                | WERE              | LAWRENC  | 1       | 172.3                  | 0.01056  | -0.25871 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1             | 51.0                   | -0.24815                | WERE              | LAWRENC  | 1       | 172.3                  | 0.01056  | -0.25871 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1             | 18.0                   | -0.19633                | WERE              | LAWRENC  | 1       | 172.3                  | 0.01056  | -0.20689 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1             | 52.0                   | -0.24815                | WERE              | LAWRENC  | 1       | 172.3                  | 0.01056  | -0.25871 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1             | 151.0                  | -0.19664                | WERE              | LAWRENC  | 1       | 172.3                  | 0.01056  | -0.2072  | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1             | 18.0                   | -0.19633                | WERE              | LAWRENC  | 1       | 172.3                  | 0.01056  | -0.20689 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1             | 52.0                   | -0.19633                | WERE              | LAWRENC  | 1       | 172.3                  | 0.01056  | -0.20689 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1             | 50.0                   | -0.24815                | WERE              | LAWRENC  | 1       | 172.3                  | 0.01056  | -0.25871 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1             | 50.0                   | -0.19649                | WERE              | LAWRENC  | 1       | 172.3                  | 0.01056  | -0.20705 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1             | 52.0                   | -0.19664                | WERE              | LAWRENC  | 1       | 172.3                  | 0.01056  | -0.2072  | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1             | 31.0                   | -0.19633                | WERE              | LAWRENC  | 1       | 172.3                  | 0.01056  | -0.20689 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1             | 50.0                   | -0.24815                | WERE              | TECUMSE  | 1       | 40.0                   | 0.01229  | -0.26044 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1             | 79.0                   | -0.24255                | WERE              | TECUMSE  | 1       | 40.0                   | 0.01229  | -0.25484 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1             | 18.0                   | -0.19633                | WERE              | TECUMSE  | 1       | 40.0                   | 0.01229  | -0.20862 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1             | 52.0                   | -0.24815                | WERE              | TECUMSE  | 1       | 40.0                   | 0.01229  | -0.26044 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1             | 18.0                   | -0.19633                | WERE              | TECUMSE  | 1       | 40.0                   | 0.01229  | -0.20862 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1             | 78.0                   | -0.19664                | WERE              | TECUMSE  | 1       | 40.0                   | 0.01229  | -0.20893 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1             | 52.0                   | -0.19664                | WERE              | TECUMSE  | 1       | 40.0                   | 0.01229  | -0.20893 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1             | 52.0                   | -0.19633                | WERE              | TECUMSE  | 1       | 40.0                   | 0.01229  | -0.20862 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1             | 51.0                   | -0.24815                | WERE              | TECUMSE  | 1       | 40.0                   | 0.01229  | -0.26044 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1             | 31.0                   | -0.19633                | WERE              | TECUMSE  | 1       | 40.0                   | 0.01229  | -0.20862 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1             | 27.0                   | -0.24815                | WERE              | TECUMSE  | 1       | 40.0                   | 0.01229  | -0.26044 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1             | 50.0                   | -0.19649                | WERE              | TECUMSE  | 1       | 40.0                   | 0.01229  | -0.20878 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1             | 151.0                  | -0.19664                | WERE              | TECUMSE  | 1       | 40.0                   | 0.01229  | -0.20893 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1             | 50.0                   | -0.24815                | WERE              | TECUMSE  | 1       | 48.0                   | 0.01229  | -0.26044 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1             | 79.0                   | -0.24255                | WERE              | TECUMSE  | 1       | 48.0                   | 0.01229  | -0.25484 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1             | 18.0                   | -0.19633                | WERE              | TECUMSE  | 1       | 48.0                   | 0.01229  | -0.20862 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1             | 52.0                   | -0.19633                | WERE              | TECUMSE  | 1       | 48.0                   | 0.01229  | -0.20862 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1             | 51.0                   | -0.24815                | WERE              | TECUMSE  | 1       | 48.0                   | 0.01229  | -0.26044 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1             | 151.0                  | -0.19664                | WERE              | TECUMSE  | 1       | 48.0                   | 0.01229  | -0.20893 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1             | 27.0                   | -0.24815                | WERE              | TECUMSE  | 1       | 48.0                   | 0.01229  | -0.26044 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1             | 52.0                   | -0.19664                | WERE              | TECUMSE  | 1       | 48.0                   | 0.01229  | -0.20893 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1             | 31.0                   | -0.19633                | WERE              | TECUMSE  | 1       | 48.0                   | 0.01229  | -0.20862 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1             | 18.0                   | -0.19633                | WERE              | TECUMSE  | 1       | 48.0                   | 0.01229  | -0.20862 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1             | 78.0                   | -0.19664                | WERE              | TECUMSE  | 1       | 48.0                   | 0.01229  | -0.20893 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1             | 52.0                   | -0.24815                | WERE              | TECUMSE  | 1       | 48.0                   | 0.01229  | -0.26044 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1             | 50.0                   | -0.19649                | WERE              | TECUMSE  | 1       | 48.0                   | 0.01229  | -0.20878 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1             | 50.0                   | -0.24815                | WERE              | EVANS EN | 1       | 98.4                   | 0.0003   | -0.24845 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1             | 79.0                   | -0.24255                | WERE              | EVANS EN | 1       | 98.4                   | 0.0003   | -0.24285 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1             | 51.0                   | -0.24815                | WERE              | EVANS EN | 1       | 98.4                   | 0.0003   | -0.24845 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1             | 78.0                   | -0.19664                | WERE              | EVANS EN | 1       | 98.4                   | 0.0003   | -0.19694 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1             | 18.0                   | -0.19633                | WERE              | EVANS EN | 1       | 98.4                   | 0.0003   | -0.19663 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1             | 52.0                   | -0.19664                | WERE              | EVANS EN | 1       | 98.4                   | 0.0003   | -0.19694 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1             | 151.0                  | -0.19664                | WERE              | EVANS EN | 1       | 98.4                   | 0.0003   | -0.19694 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1             | 50.0                   | -0.19649                | WERE              | EVANS EN | 1       | 98.4                   | 0.0003   | -0.19679 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1             | 52.0                   | -0.19633                | WERE              | EVANS EN | 1       | 98.4                   | 0.0003   | -0.19663 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1             | 27.0                   | -0.24815                | WERE              | EVANS EN | 1       | 98.4                   | 0.0003   | -0.24845 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1             | 31.0                   | -0.19633                | WERE              | EVANS EN | 1       | 98.4                   | 0.0003   | -0.19663 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1             | 18.0                   | -0.19633                | WERE              | EVANS EN | 1       | 98.4                   | 0.0003   | -0.19663 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1             | 52.0                   | -0.24815                | WERE              | EVANS EN | 1       | 98.4                   | 0.0003   | -0.24845 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1             | 50.0                   | -0.24815                | WERE              | WACO     | 1       | 18.0                   | -0.00227 | -0.24588 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1             | 79.0                   | -0.24255                | WERE              | WACO     | 1       | 18.0                   | -0.00227 | -0.24028 | 2                      |  |  |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1             | 52.0                   | -0.24815                | WERE              | WACO     | 1       | 18.0                   | -0.00227 | -0.24588 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1             | 52.0                   | -0.19664                | WERE              | WACO     | 1       | 18.0                   | -0.00227 | -0.19437 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1             | 31.0                   | -0.19633                | WERE              | WACO     | 1       | 18.0                   | -0.00227 | -0.19406 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1             | 18.0                   | -0.19633                | WERE              | WACO     | 1       | 18.0                   | -0.00227 | -0.19406 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1             | 18.0                   | -0.19633                | WERE              | WACO     | 1       | 18.0                   | -0.00227 | -0.19406 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1             | 151.0                  | -0.19664                | WERE              | WACO     | 1       | 18.0                   | -0.00227 | -0.19437 | 2                      |  |  |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1             | 50.0                   | -0.19649                | WERE              | WACO     | 1       | 18.0                   | -0.00227 | -0.19422 | 2                      |  |  |  |  |

Maximum Decrement and Maximum Increment were determine from the Souce and Sink Operating Points in the study models where limiting facility was identified.

Factor = Source GSF - Sink GSF

Redispatch Amount = Relief Amount / Factor</



**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: Wichita - Reno Co 345KV  
 Limiting Facility: NORTH AMERICAN PHILIPS JUNCTION (SOUTH) - WEST MCPHERSON 115KV CKT 2  
 Direction: From->To  
 Line Outage: EAST MCPHERSON - SUMMIT 230KV CKT 1  
 Flowgate: 57374574382568725687312206FA  
 Date Redispatch Needed: 10/1/06 - 12/1/06, 10/1/07 - 12/1/07, 10/1/08 - 12/1/08, & 10/1/09 - 12/1/09

| Reservation         | Relief Amount                          | Aggregate Relief Amount |                        |          |                   |          |         |                        |          |          |                        |  |
|---------------------|--|-------------------------|------------------------|----------|-------------------|----------|---------|------------------------|----------|----------|------------------------|--|
| 974662              | 0.2                                    | 0.5                     |                        |          |                   |          |         |                        |          |          |                        |  |
| 974988              | 0.3                                    | 0.5                     |                        |          |                   |          |         |                        |          |          |                        |  |
| Source Control Area | Source                                 | Source Id               | Maximum Increment (MW) | GSF      | Sink Control Area | Sink     | Sink Id | Maximum Decrement (MW) | GSF      | Factor   | Redispatch Amount (MW) |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.22585 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01896  | -0.24481 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.28547 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01896  | -0.30443 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 151.0                  | -0.22622 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01896  | -0.24518 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.27903 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01896  | -0.29799 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.28547 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01896  | -0.30443 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.22621 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01896  | -0.24517 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.22585 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01896  | -0.24481 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.28547 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01896  | -0.30443 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.22604 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01896  | -0.245   | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.28547 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01896  | -0.30443 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.22585 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01896  | -0.24481 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1                       | 78.0                   | -0.22621 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01896  | -0.24517 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.22586 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01896  | -0.24482 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.28547 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01959  | -0.30506 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.22585 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01959  | -0.24544 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.22586 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01959  | -0.24545 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.28547 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01959  | -0.30506 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.28547 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01959  | -0.30506 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.22585 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01959  | -0.24544 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 151.0                  | -0.22622 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01959  | -0.24581 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.22621 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01959  | -0.2458  | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.28547 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01959  | -0.30506 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.27903 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01959  | -0.29862 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.22585 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01959  | -0.24544 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.22604 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01959  | -0.24563 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1                       | 78.0                   | -0.22621 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01959  | -0.2458  | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.22585 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01959  | -0.24544 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1                       | 78.0                   | -0.22621 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01959  | -0.2458  | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.28547 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01959  | -0.30506 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.22621 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01959  | -0.2458  | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.22604 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01959  | -0.24563 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.28547 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01959  | -0.30506 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.28547 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01959  | -0.30506 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.22585 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01959  | -0.24544 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.28547 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01959  | -0.30506 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 151.0                  | -0.22622 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01959  | -0.24581 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.22586 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01959  | -0.24545 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.22585 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01959  | -0.24544 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.27903 | WERE              | JEFFREY  | 1       | 470.0                  | 0.01959  | -0.29862 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.22586 | WERE              | LAWRENC  | 1       | 172.3                  | 0.01215  | -0.23801 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.27903 | WERE              | LAWRENC  | 1       | 172.3                  | 0.01215  | -0.29118 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.28547 | WERE              | LAWRENC  | 1       | 172.3                  | 0.01215  | -0.29762 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.22621 | WERE              | LAWRENC  | 1       | 172.3                  | 0.01215  | -0.23836 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.22585 | WERE              | LAWRENC  | 1       | 172.3                  | 0.01215  | -0.238   | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.28547 | WERE              | LAWRENC  | 1       | 172.3                  | 0.01215  | -0.29762 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.22585 | WERE              | LAWRENC  | 1       | 172.3                  | 0.01215  | -0.238   | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.22604 | WERE              | LAWRENC  | 1       | 172.3                  | 0.01215  | -0.23819 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1                       | 78.0                   | -0.22621 | WERE              | LAWRENC  | 1       | 172.3                  | 0.01215  | -0.23836 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.28547 | WERE              | LAWRENC  | 1       | 172.3                  | 0.01215  | -0.29762 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.28547 | WERE              | LAWRENC  | 1       | 172.3                  | 0.01215  | -0.29762 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.22585 | WERE              | LAWRENC  | 1       | 172.3                  | 0.01215  | -0.238   | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 151.0                  | -0.22622 | WERE              | LAWRENC  | 1       | 172.3                  | 0.01215  | -0.23837 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1                       | 78.0                   | -0.22621 | WERE              | TECUMSE  | 1       | 40.0                   | 0.01414  | -0.24035 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.28547 | WERE              | TECUMSE  | 1       | 40.0                   | 0.01414  | -0.29961 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.22621 | WERE              | TECUMSE  | 1       | 40.0                   | 0.01414  | -0.24035 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.22586 | WERE              | TECUMSE  | 1       | 40.0                   | 0.01414  | -0.24    | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.28547 | WERE              | TECUMSE  | 1       | 40.0                   | 0.01414  | -0.29961 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 151.0                  | -0.22622 | WERE              | TECUMSE  | 1       | 40.0                   | 0.01414  | -0.24036 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.22585 | WERE              | TECUMSE  | 1       | 40.0                   | 0.01414  | -0.23999 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.27903 | WERE              | TECUMSE  | 1       | 40.0                   | 0.01414  | -0.29317 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.28547 | WERE              | TECUMSE  | 1       | 40.0                   | 0.01414  | -0.29961 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.28547 | WERE              | TECUMSE  | 1       | 40.0                   | 0.01414  | -0.29961 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.22585 | WERE              | TECUMSE  | 1       | 40.0                   | 0.01414  | -0.23999 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.22585 | WERE              | TECUMSE  | 1       | 40.0                   | 0.01414  | -0.23999 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.22604 | WERE              | TECUMSE  | 1       | 40.0                   | 0.01414  | -0.24018 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 151.0                  | -0.22622 | WERE              | TECUMSE  | 1       | 48.0                   | 0.01414  | -0.24036 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.22585 | WERE              | TECUMSE  | 1       | 48.0                   | 0.01414  | -0.23999 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.28547 | WERE              | TECUMSE  | 1       | 48.0                   | 0.01414  | -0.29961 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.22604 | WERE              | TECUMSE  | 1       | 48.0                   | 0.01414  | -0.24018 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.28547 | WERE              | TECUMSE  | 1       | 48.0                   | 0.01414  | -0.29961 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.27903 | WERE              | TECUMSE  | 1       | 48.0                   | 0.01414  | -0.29317 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.28547 | WERE              | TECUMSE  | 1       | 48.0                   | 0.01414  | -0.29961 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.22585 | WERE              | TECUMSE  | 1       | 48.0                   | 0.01414  | -0.23999 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.22585 | WERE              | TECUMSE  | 1       | 48.0                   | 0.01414  | -0.23999 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.28547 | WERE              | TECUMSE  | 1       | 48.0                   | 0.01414  | -0.29961 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.22586 | WERE              | TECUMSE  | 1       | 48.0                   | 0.01414  | -0.24    | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1                       | 78.0                   | -0.22621 | WERE              | TECUMSE  | 1       | 48.0                   | 0.01414  | -0.24035 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.22621 | WERE              | TECUMSE  | 1       | 48.0                   | 0.01414  | -0.24035 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.22586 | WERE              | EVANS EN | 1       | 98.4                   | 0.00035  | -0.22621 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.22585 | WERE              | EVANS EN | 1       | 98.4                   | 0.00035  | -0.2262  | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.28547 | WERE              | EVANS EN | 1       | 98.4                   | 0.00035  | -0.26582 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 151.0                  | -0.22622 | WERE              | EVANS EN | 1       | 98.4                   | 0.00035  | -0.22657 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.22585 | WERE              | EVANS EN | 1       | 98.4                   | 0.00035  | -0.2262  | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.22621 | WERE              | EVANS EN | 1       | 98.4                   | 0.00035  | -0.22656 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.22585 | WERE              | EVANS EN | 1       | 98.4                   | 0.00035  | -0.2262  | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.22604 | WERE              | EVANS EN | 1       | 98.4                   | 0.00035  | -0.22639 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.28547 | WERE              | EVANS EN | 1       | 98.4                   | 0.00035  | -0.26582 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.27903 | WERE              | EVANS EN | 1       | 98.4                   | 0.00035  | -0.27938 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.28547 | WERE              | EVANS EN | 1       | 98.4                   | 0.00035  | -0.26582 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.28547 | WERE              | EVANS EN | 1       | 98.4                   | 0.00035  | -0.26582 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1                       | 78.0                   | -0.22621 | WERE              | EVANS EN | 1       | 98.4                   | 0.00035  | -0.22656 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1                       | 78.0                   | -0.22621 | WERE              | WACO     | 1       | 18.0                   | -0.00261 | -0.2236  | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.22585 | WERE              | WACO     | 1       | 18.0                   | -0.00261 | -0.22324 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.28547 | WERE              | WACO     | 1       | 18.0                   | -0.00261 | -0.26286 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.22585 | WERE              | WACO     | 1       | 18.0                   | -0.00261 | -0.22324 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.27903 | WERE              | WACO     | 1       | 18.0                   | -0.00261 | -0.27642 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.28547 | WERE              | WACO     | 1       | 18.0                   | -0.00261 | -0.26286 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.22604 | WERE              | WACO     | 1       | 18.0                   | -0.00261 | -0.22343 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.28547 | WERE              | WACO     | 1       | 18.0                   | -0.00261 | -0.26286 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.28547 | WERE              | WACO     | 1       | 18.0                   | -0.00261 | -0.26286 | 2                      |  |

Maximum Decrement and Maximum Increment were determine from the Souce and Sink Operating Points in the study models where limiting facility was identified.

Factor = Source GSF - Sink GSF

Redispatch Amount = Relief Amount / Factor





**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: Wichita - Reno Co 345KV  
 Limiting Facility: NORTH AMERICAN PHILIPS JUNCTION (SOUTH) - WEST MCPHERSON 115KV CKT 2  
 Direction: From->To  
 Line Outage: EAST MCPHERSON - SUMMIT 230KV CKT 1  
 Flowgate: 57374574382568725687312206WP  
 Date Redispatch Needed: 12/1/06-4/1/07

| Reservation | Relief Amount | Aggregate Relief Amount | Source Control Area | Source                                 | Source Id | Maximum Increment (MW) | GSF      | Sink Control Area | Sink      | Sink Id | Maximum Decrement (MW) | GSF      | Factor   | Redispatch Amount (MW) |
|-------------|---------------|-------------------------|---------------------|--|-----------|------------------------|----------|-------------------|-----------|---------|------------------------|----------|----------|------------------------|
| 974662      | 0.2           | 0.5                     | WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1         | 18.0                   | -0.22609 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01874  | -0.24483 | 2                      |
| 974988      | 0.3           | 0.5                     | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1         | 50.0                   | -0.22628 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01874  | -0.24502 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.28572 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01874  | -0.30446 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1         | 78.0                   | -0.22645 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01874  | -0.24519 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.28572 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01874  | -0.30446 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1         | 31.0                   | -0.22609 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01874  | -0.24483 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.28572 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01874  | -0.30446 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1         | 18.0                   | -0.22609 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01874  | -0.24483 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.27928 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01874  | -0.29802 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1         | 52.0                   | -0.22609 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01874  | -0.24483 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1         | 52.0                   | -0.22645 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01874  | -0.24519 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1         | 191.0                  | -0.22645 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01874  | -0.24519 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.28572 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01874  | -0.30446 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1         | 191.0                  | -0.22645 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0195   | -0.24595 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1         | 52.0                   | -0.22609 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0195   | -0.24559 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1         | 52.0                   | -0.22645 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0195   | -0.24595 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1         | 31.0                   | -0.22609 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0195   | -0.24559 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1         | 18.0                   | -0.22609 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0195   | -0.24559 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1         | 50.0                   | -0.22628 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0195   | -0.24578 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1         | 18.0                   | -0.22609 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0195   | -0.24559 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.27928 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0195   | -0.29878 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.28572 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0195   | -0.30522 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1         | 78.0                   | -0.22645 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0195   | -0.24595 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.28572 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0195   | -0.30522 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.28572 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0195   | -0.30522 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.28572 | WERE              | JEFFREY   | 1       | 470.0                  | 0.0195   | -0.30522 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1         | 191.0                  | -0.22645 | WERE              | JEFFREY   | 1       | 465.0                  | 0.0195   | -0.24595 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.27928 | WERE              | JEFFREY   | 1       | 465.0                  | 0.0195   | -0.29878 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1         | 31.0                   | -0.22609 | WERE              | JEFFREY   | 1       | 465.0                  | 0.0195   | -0.24559 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.28572 | WERE              | JEFFREY   | 1       | 465.0                  | 0.0195   | -0.30522 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1         | 52.0                   | -0.22609 | WERE              | JEFFREY   | 1       | 465.0                  | 0.0195   | -0.24559 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1         | 50.0                   | -0.22628 | WERE              | JEFFREY   | 1       | 465.0                  | 0.0195   | -0.24578 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1         | 78.0                   | -0.22645 | WERE              | JEFFREY   | 1       | 465.0                  | 0.0195   | -0.24595 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1         | 52.0                   | -0.22645 | WERE              | JEFFREY   | 1       | 465.0                  | 0.0195   | -0.24595 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1         | 18.0                   | -0.22609 | WERE              | JEFFREY   | 1       | 465.0                  | 0.0195   | -0.24559 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.28572 | WERE              | JEFFREY   | 1       | 465.0                  | 0.0195   | -0.30522 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1         | 18.0                   | -0.22609 | WERE              | JEFFREY   | 1       | 465.0                  | 0.0195   | -0.24559 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.28572 | WERE              | JEFFREY   | 1       | 465.0                  | 0.0195   | -0.30522 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.28572 | WERE              | JEFFREY   | 1       | 465.0                  | 0.0195   | -0.30522 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1         | 50.0                   | -0.22628 | WERE              | LAWRENC   | 1       | 121.9                  | 0.01215  | -0.23843 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.27928 | WERE              | LAWRENC   | 1       | 121.9                  | 0.01215  | -0.29143 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.28572 | WERE              | LAWRENC   | 1       | 121.9                  | 0.01215  | -0.29787 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1         | 191.0                  | -0.22645 | WERE              | LAWRENC   | 1       | 121.9                  | 0.01215  | -0.23862 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1         | 52.0                   | -0.22609 | WERE              | LAWRENC   | 1       | 121.9                  | 0.01215  | -0.23824 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.28572 | WERE              | LAWRENC   | 1       | 121.9                  | 0.01215  | -0.29787 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1         | 31.0                   | -0.22609 | WERE              | LAWRENC   | 1       | 121.9                  | 0.01215  | -0.23824 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.28572 | WERE              | LAWRENC   | 1       | 121.9                  | 0.01215  | -0.29787 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1         | 52.0                   | -0.22645 | WERE              | LAWRENC   | 1       | 121.9                  | 0.01215  | -0.23862 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1         | 78.0                   | -0.22645 | WERE              | LAWRENC   | 1       | 121.9                  | 0.01215  | -0.23862 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1         | 18.0                   | -0.22609 | WERE              | LAWRENC   | 1       | 121.9                  | 0.01215  | -0.23824 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1         | 18.0                   | -0.22609 | WERE              | LAWRENC   | 1       | 121.9                  | 0.01215  | -0.23824 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.28572 | WERE              | LAWRENC   | 1       | 121.9                  | 0.01215  | -0.29787 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.28572 | WERE              | WACO      | 1       | 18.0                   | -0.00257 | -0.28315 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.28572 | WERE              | WACO      | 1       | 18.0                   | -0.00257 | -0.28315 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.27928 | WERE              | WACO      | 1       | 18.0                   | -0.00257 | -0.27671 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1         | 52.0                   | -0.22609 | WERE              | WACO      | 1       | 18.0                   | -0.00257 | -0.22352 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1         | 78.0                   | -0.22645 | WERE              | WACO      | 1       | 18.0                   | -0.00257 | -0.22388 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1         | 31.0                   | -0.22609 | WERE              | WACO      | 1       | 18.0                   | -0.00257 | -0.22352 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1         | 18.0                   | -0.22609 | WERE              | WACO      | 1       | 18.0                   | -0.00257 | -0.22352 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1         | 50.0                   | -0.22628 | WERE              | WACO      | 1       | 18.0                   | -0.00257 | -0.22371 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1         | 191.0                  | -0.22645 | WERE              | WACO      | 1       | 18.0                   | -0.00257 | -0.22388 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.28572 | WERE              | WACO      | 1       | 18.0                   | -0.00257 | -0.28315 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.28572 | WERE              | WACO      | 1       | 18.0                   | -0.00257 | -0.28315 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1         | 18.0                   | -0.22609 | WERE              | WACO      | 1       | 18.0                   | -0.00257 | -0.22352 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1         | 52.0                   | -0.22645 | WERE              | WACO      | 1       | 18.0                   | -0.00257 | -0.22388 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1         | 52.0                   | -0.22609 | WERE              | CITY OF V | 1       | 16.3                   | -0.00153 | -0.22456 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         | 27.0                   | -0.28572 | WERE              | CITY OF V | 1       | 16.3                   | -0.00153 | -0.28419 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1         | 191.0                  | -0.22645 | WERE              | CITY OF V | 1       | 16.3                   | -0.00153 | -0.22492 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1         | 18.0                   | -0.22609 | WERE              | CITY OF V | 1       | 16.3                   | -0.00153 | -0.22456 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.28572 | WERE              | CITY OF V | 1       | 16.3                   | -0.00153 | -0.28419 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1         | 78.0                   | -0.22645 | WERE              | CITY OF V | 1       | 16.3                   | -0.00153 | -0.22492 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1         | 50.0                   | -0.22628 | WERE              | CITY OF V | 1       | 16.3                   | -0.00153 | -0.22475 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.28572 | WERE              | CITY OF V | 1       | 16.3                   | -0.00153 | -0.28419 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1         | 79.0                   | -0.27928 | WERE              | CITY OF V | 1       | 16.3                   | -0.00153 | -0.27775 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1         | 31.0                   | -0.22609 | WERE              | CITY OF V | 1       | 16.3                   | -0.00153 | -0.22456 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1         | 18.0                   | -0.22609 | WERE              | CITY OF V | 1       | 16.3                   | -0.00153 | -0.22456 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.28572 | WERE              | CITY OF V | 1       | 16.3                   | -0.00153 | -0.28419 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1         | 52.0                   | -0.22645 | WERE              | CITY OF V | 1       | 16.3                   | -0.00153 | -0.22492 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1         | 50.0                   | -0.28572 | WERE              | CITY OF V | 6       | 11.0                   | -0.00153 | -0.28419 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1         | 51.0                   | -0.28572 | WERE              | CITY OF V | 6       | 11.0                   | -0.00153 | -0.28419 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1         | 52.0                   | -0.28572 | WERE              | CITY OF V | 6       | 11.0                   | -0.00153 | -0.28419 | 2                      |
|             |               |                         | WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1         | 78.0                   | -0.22645 | WERE              | CITY OF V | 6       | 11.0                   | -0.00153 | -0.22492 | 2                      |
|             |               |                         | WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1         |                        |          |                   |           |         |                        |          |          |                        |

**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: Wichita - Reno Co 345KV  
 Limiting Facility: NORTH AMERICAN PHILIPS - NORTH AMERICAN PHILIPS JUNCTION (SOUTH) 115KV CKT 1  
 Direction: From->To  
 Line Outage: EAST MCPHERSON - SUMMIT 230KV CKT 1  
 Flowgate: 57372573741568725687312207WP  
 Date Redispatch Needed: 12/1/07-4/1/08, 12/1/08-4/1/09, & 12/1/09-4/1/10

| Reservation         | Relief Amount                          | Aggregate Relief Amount |                        |          |                   |           |         |                        |          |          |                        |  |  |
|---------------------|--|-------------------------|------------------------|----------|-------------------|-----------|---------|------------------------|----------|----------|------------------------|--|--|
| 974662              | 0.4                                    | 0.9                     |                        |          |                   |           |         |                        |          |          |                        |  |  |
| 974988              | 0.5                                    | 0.9                     |                        |          |                   |           |         |                        |          |          |                        |  |  |
| Source Control Area | Source                                 | Source Id               | Maximum Increment (MW) | GSF      | Sink Control Area | Sink      | Sink Id | Maximum Decrement (MW) | GSF      | Factor   | Redispatch Amount (MW) |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1                       | 78.0                   | -0.42305 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03512  | -0.45817 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.52182 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03512  | -0.55694 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.53387 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03512  | -0.56899 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.53387 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03512  | -0.56899 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.53387 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03512  | -0.56899 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.42305 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03512  | -0.45817 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.42261 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03512  | -0.45773 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.42215 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03512  | -0.45727 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 191.0                  | -0.42305 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03512  | -0.45817 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.42214 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03512  | -0.45726 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.42214 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03512  | -0.45726 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.42214 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03512  | -0.45726 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.53387 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03512  | -0.56899 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.42215 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03656  | -0.45871 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.53387 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03656  | -0.57043 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.42214 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03656  | -0.4587  | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.53387 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03656  | -0.57043 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.52182 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03656  | -0.55838 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.42214 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03656  | -0.4587  | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 191.0                  | -0.42305 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03656  | -0.45961 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.53387 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03656  | -0.57043 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.42214 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03656  | -0.4587  | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.53387 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03656  | -0.57043 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.42305 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03656  | -0.45961 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1                       | 78.0                   | -0.42305 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03656  | -0.45961 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.42261 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03656  | -0.45917 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.42214 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03656  | -0.4587  | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.42215 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03656  | -0.45871 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 191.0                  | -0.42305 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03656  | -0.45961 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.42214 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03656  | -0.4587  | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.42261 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03656  | -0.45917 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1                       | 78.0                   | -0.42305 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03656  | -0.45961 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.53387 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03656  | -0.57043 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.42214 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03656  | -0.4587  | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.53387 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03656  | -0.57043 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.53387 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03656  | -0.57043 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.53387 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03656  | -0.57043 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.52182 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03656  | -0.55838 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.42305 | WERE              | JEFFREY   | 1       | 470.0                  | 0.03656  | -0.45961 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.42305 | WERE              | LAWRENC   | 1       | 120.6                  | 0.02279  | -0.44584 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 191.0                  | -0.42305 | WERE              | LAWRENC   | 1       | 120.6                  | 0.02279  | -0.44584 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.42261 | WERE              | LAWRENC   | 1       | 120.6                  | 0.02279  | -0.4454  | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.52182 | WERE              | LAWRENC   | 1       | 120.6                  | 0.02279  | -0.54461 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.42214 | WERE              | LAWRENC   | 1       | 120.6                  | 0.02279  | -0.44493 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.42214 | WERE              | LAWRENC   | 1       | 120.6                  | 0.02279  | -0.44493 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1                       | 78.0                   | -0.42305 | WERE              | LAWRENC   | 1       | 120.6                  | 0.02279  | -0.44584 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.42214 | WERE              | LAWRENC   | 1       | 120.6                  | 0.02279  | -0.44493 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.53387 | WERE              | LAWRENC   | 1       | 120.6                  | 0.02279  | -0.55666 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.53387 | WERE              | LAWRENC   | 1       | 120.6                  | 0.02279  | -0.55666 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.42215 | WERE              | LAWRENC   | 1       | 120.6                  | 0.02279  | -0.44494 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.53387 | WERE              | LAWRENC   | 1       | 120.6                  | 0.02279  | -0.55666 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.53387 | WERE              | LAWRENC   | 1       | 120.6                  | 0.02279  | -0.55666 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1                       | 78.0                   | -0.42305 | WERE              | EVANS EN  | 1       | 37.7                   | 0.0011   | -0.42415 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.42215 | WERE              | EVANS EN  | 1       | 37.7                   | 0.0011   | -0.42325 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.53387 | WERE              | EVANS EN  | 1       | 37.7                   | 0.0011   | -0.53497 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.42305 | WERE              | EVANS EN  | 1       | 37.7                   | 0.0011   | -0.42415 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.42214 | WERE              | EVANS EN  | 1       | 37.7                   | 0.0011   | -0.42324 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.53387 | WERE              | EVANS EN  | 1       | 37.7                   | 0.0011   | -0.53497 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.52182 | WERE              | EVANS EN  | 1       | 37.7                   | 0.0011   | -0.52292 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.42261 | WERE              | EVANS EN  | 1       | 37.7                   | 0.0011   | -0.42371 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.42214 | WERE              | EVANS EN  | 1       | 37.7                   | 0.0011   | -0.42324 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 191.0                  | -0.42305 | WERE              | EVANS EN  | 1       | 37.7                   | 0.0011   | -0.42415 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.53387 | WERE              | EVANS EN  | 1       | 37.7                   | 0.0011   | -0.53497 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.53387 | WERE              | EVANS EN  | 1       | 37.7                   | 0.0011   | -0.53497 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.42214 | WERE              | EVANS EN  | 1       | 37.7                   | 0.0011   | -0.42324 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.52182 | WERE              | WACO      | 1       | 18.0                   | -0.00447 | -0.51735 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.53387 | WERE              | WACO      | 1       | 18.0                   | -0.00447 | -0.5294  | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.42305 | WERE              | WACO      | 1       | 18.0                   | -0.00447 | -0.41858 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1                       | 78.0                   | -0.42305 | WERE              | WACO      | 1       | 18.0                   | -0.00447 | -0.41858 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.53387 | WERE              | WACO      | 1       | 18.0                   | -0.00447 | -0.5294  | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.42214 | WERE              | WACO      | 1       | 18.0                   | -0.00447 | -0.41767 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.42215 | WERE              | WACO      | 1       | 18.0                   | -0.00447 | -0.41768 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.42214 | WERE              | WACO      | 1       | 18.0                   | -0.00447 | -0.41767 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.53387 | WERE              | WACO      | 1       | 18.0                   | -0.00447 | -0.5294  | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.42214 | WERE              | WACO      | 1       | 18.0                   | -0.00447 | -0.41767 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.42261 | WERE              | WACO      | 1       | 18.0                   | -0.00447 | -0.41814 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.53387 | WERE              | WACO      | 1       | 18.0                   | -0.00447 | -0.5294  | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 191.0                  | -0.42305 | WERE              | WACO      | 1       | 18.0                   | -0.00447 | -0.41858 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.42214 | WERE              | CITY OF V | 1       | 16.3                   | -0.00243 | -0.41971 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 191.0                  | -0.42305 | WERE              | CITY OF V | 1       | 16.3                   | -0.00243 | -0.42062 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.53387 | WERE              | CITY OF V | 1       | 16.3                   | -0.00243 | -0.53144 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.52182 | WERE              | CITY OF V | 1       | 16.3                   | -0.00243 | -0.51939 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.42215 | WERE              | CITY OF V | 1       | 16.3                   | -0.00243 | -0.41972 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.42214 | WERE              | CITY OF V | 1       | 16.3                   | -0.00243 | -0.41971 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.42305 | WERE              | CITY OF V | 1       | 16.3                   | -0.00243 | -0.42062 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.42261 | WERE              | CITY OF V | 1       | 16.3                   | -0.00243 | -0.42018 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1                       | 78.0                   | -0.42305 | WERE              | CITY OF V | 1       | 16.3                   | -0.00243 | -0.42062 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.53387 | WERE              | CITY OF V | 1       | 16.3                   | -0.00243 | -0.53144 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.53387 | WERE              | CITY OF V | 1       | 16.3                   | -0.00243 | -0.53144 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.53387 | WERE              | CITY OF V | 1       | 16.3                   | -0.00243 | -0.53144 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.42214 | WERE              | CITY OF V | 1       | 16.3                   | -0.00243 | -0.41971 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.42261 | WERE              | CITY OF V | 6       | 11.0                   | -0.00243 | -0.42018 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.42305 | WERE              | CITY OF V | 6       | 11.0                   | -0.00243 | -0.42062 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.53387 | WERE              | CITY OF V | 6       | 11.0                   | -0.00243 | -0.53144 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.42214 | WERE              | CITY OF V | 6       | 11.0                   | -0.00243 | -0.41971 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 191.0                  | -0.42305 | WERE              | CITY OF V | 6       | 11.0                   | -0.00243 | -0.42062 | 2                      |  |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.53387 | WERE              | CITY OF V | 6       | 11.0                   | -0.00243 | -0.53144 | 2                      |  |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.42215 |                   |           |         |                        |          |          |                        |  |  |

**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: Wichita - Reno Co 345KV  
 Limiting Facility: NORTH AMERICAN PHILIPS JUNCTION (SOUTH) - WEST MCPHERSON 115KV CKT 2  
 Direction: From->To  
 Line Outage: EAST MCPHERSON - SUMMIT 230KV CKT 1  
 Flowgate: 57374574381568725687312207WP  
 Date Redispatch Needed: 12/1/07-4/1/08, 12/1/08-4/1/09, & 12/1/09-4/1/10

| Reservation         | Relief Amount                          | Aggregate Relief Amount |                        |          |                   |           |         |                        |          |          |                        |  |
|---------------------|--|-------------------------|------------------------|----------|-------------------|-----------|---------|------------------------|----------|----------|------------------------|--|
| 974662              | 0.2                                    | 0.4                     |                        |          |                   |           |         |                        |          |          |                        |  |
| 974988              | 0.2                                    | 0.4                     |                        |          |                   |           |         |                        |          |          |                        |  |
| Source Control Area | Source                                 | Source Id               | Maximum Increment (MW) | GSF      | Sink Control Area | Sink      | Sink Id | Maximum Decrement (MW) | GSF      | Factor   | Redispatch Amount (MW) |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.19653 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01633  | -0.21286 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.24266 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01633  | -0.25899 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.19673 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01633  | -0.21306 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.19631 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01633  | -0.21264 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.24826 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01633  | -0.26459 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 191.0                  | -0.19673 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01633  | -0.21306 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.19631 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01633  | -0.21264 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.24826 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01633  | -0.26459 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1                       | 78.0                   | -0.19673 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01633  | -0.21306 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.24826 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01633  | -0.26459 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.19631 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01633  | -0.21264 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.24826 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01633  | -0.26459 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.19631 | WERE              | JEFFREY   | 1       | 470.0                  | 0.01633  | -0.21264 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1                       | 78.0                   | -0.19673 | WERE              | JEFFREY   | 1       | 470.0                  | 0.017    | -0.21373 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 191.0                  | -0.19673 | WERE              | JEFFREY   | 1       | 470.0                  | 0.017    | -0.21373 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.19631 | WERE              | JEFFREY   | 1       | 470.0                  | 0.017    | -0.21331 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.24826 | WERE              | JEFFREY   | 1       | 470.0                  | 0.017    | -0.26256 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.19631 | WERE              | JEFFREY   | 1       | 470.0                  | 0.017    | -0.21331 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.24826 | WERE              | JEFFREY   | 1       | 470.0                  | 0.017    | -0.26256 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.24266 | WERE              | JEFFREY   | 1       | 470.0                  | 0.017    | -0.25966 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.19653 | WERE              | JEFFREY   | 1       | 470.0                  | 0.017    | -0.21353 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.24826 | WERE              | JEFFREY   | 1       | 470.0                  | 0.017    | -0.26526 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.24826 | WERE              | JEFFREY   | 1       | 470.0                  | 0.017    | -0.26526 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.19631 | WERE              | JEFFREY   | 1       | 470.0                  | 0.017    | -0.21331 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.19631 | WERE              | JEFFREY   | 1       | 470.0                  | 0.017    | -0.21331 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.19673 | WERE              | JEFFREY   | 1       | 470.0                  | 0.017    | -0.21373 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.19673 | WERE              | JEFFREY   | 1       | 470.0                  | 0.017    | -0.21373 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.19631 | WERE              | JEFFREY   | 1       | 470.0                  | 0.017    | -0.21331 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.19631 | WERE              | JEFFREY   | 1       | 470.0                  | 0.017    | -0.21331 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.24826 | WERE              | JEFFREY   | 1       | 470.0                  | 0.017    | -0.26256 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.24826 | WERE              | JEFFREY   | 1       | 470.0                  | 0.017    | -0.26256 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.24266 | WERE              | JEFFREY   | 1       | 470.0                  | 0.017    | -0.25966 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 191.0                  | -0.19673 | WERE              | JEFFREY   | 1       | 470.0                  | 0.017    | -0.21373 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.19631 | WERE              | JEFFREY   | 1       | 470.0                  | 0.017    | -0.21331 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.19653 | WERE              | JEFFREY   | 1       | 470.0                  | 0.017    | -0.21353 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.19631 | WERE              | JEFFREY   | 1       | 470.0                  | 0.017    | -0.21331 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1                       | 78.0                   | -0.19673 | WERE              | JEFFREY   | 1       | 470.0                  | 0.017    | -0.21373 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.24826 | WERE              | JEFFREY   | 1       | 470.0                  | 0.017    | -0.26526 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.24826 | WERE              | JEFFREY   | 1       | 470.0                  | 0.017    | -0.26256 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.19631 | WERE              | LAWRENC   | 1       | 120.6                  | 0.0106   | -0.20691 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.24826 | WERE              | LAWRENC   | 1       | 120.6                  | 0.0106   | -0.25886 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.19631 | WERE              | LAWRENC   | 1       | 120.6                  | 0.0106   | -0.20691 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.24826 | WERE              | LAWRENC   | 1       | 120.6                  | 0.0106   | -0.25886 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.19653 | WERE              | LAWRENC   | 1       | 120.6                  | 0.0106   | -0.20713 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1                       | 78.0                   | -0.19673 | WERE              | LAWRENC   | 1       | 120.6                  | 0.0106   | -0.20733 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.19673 | WERE              | LAWRENC   | 1       | 120.6                  | 0.0106   | -0.20733 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 191.0                  | -0.19673 | WERE              | LAWRENC   | 1       | 120.6                  | 0.0106   | -0.20733 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.24826 | WERE              | LAWRENC   | 1       | 120.6                  | 0.0106   | -0.25886 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.24266 | WERE              | LAWRENC   | 1       | 120.6                  | 0.0106   | -0.25326 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.19631 | WERE              | LAWRENC   | 1       | 120.6                  | 0.0106   | -0.20691 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.19631 | WERE              | LAWRENC   | 1       | 120.6                  | 0.0106   | -0.20691 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.24826 | WERE              | LAWRENC   | 1       | 120.6                  | 0.0106   | -0.25886 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.24266 | WERE              | EVANS EN  | 1       | 37.7                   | 0.00051  | -0.24317 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.24826 | WERE              | EVANS EN  | 1       | 37.7                   | 0.00051  | -0.24877 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.24826 | WERE              | EVANS EN  | 1       | 37.7                   | 0.00051  | -0.24877 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.19631 | WERE              | EVANS EN  | 1       | 37.7                   | 0.00051  | -0.19682 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1                       | 78.0                   | -0.19673 | WERE              | EVANS EN  | 1       | 37.7                   | 0.00051  | -0.19724 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.19631 | WERE              | EVANS EN  | 1       | 37.7                   | 0.00051  | -0.19682 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.24826 | WERE              | EVANS EN  | 1       | 37.7                   | 0.00051  | -0.24877 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.24826 | WERE              | EVANS EN  | 1       | 37.7                   | 0.00051  | -0.24877 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.19631 | WERE              | EVANS EN  | 1       | 37.7                   | 0.00051  | -0.19682 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.19653 | WERE              | EVANS EN  | 1       | 37.7                   | 0.00051  | -0.19704 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 191.0                  | -0.19673 | WERE              | EVANS EN  | 1       | 37.7                   | 0.00051  | -0.19724 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.19631 | WERE              | EVANS EN  | 1       | 37.7                   | 0.00051  | -0.19682 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.19673 | WERE              | EVANS EN  | 1       | 37.7                   | 0.00051  | -0.19724 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.19631 | WERE              | WACO      | 1       | 18.0                   | -0.00208 | -0.19423 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.19653 | WERE              | WACO      | 1       | 18.0                   | -0.00208 | -0.19445 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.19631 | WERE              | WACO      | 1       | 18.0                   | -0.00208 | -0.19423 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.24826 | WERE              | WACO      | 1       | 18.0                   | -0.00208 | -0.24618 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.24826 | WERE              | WACO      | 1       | 18.0                   | -0.00208 | -0.24618 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.24826 | WERE              | WACO      | 1       | 18.0                   | -0.00208 | -0.24618 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.24826 | WERE              | WACO      | 1       | 18.0                   | -0.00208 | -0.24618 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.19631 | WERE              | WACO      | 1       | 18.0                   | -0.00208 | -0.19423 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 191.0                  | -0.19673 | WERE              | WACO      | 1       | 18.0                   | -0.00208 | -0.19465 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1                       | 78.0                   | -0.19673 | WERE              | WACO      | 1       | 18.0                   | -0.00208 | -0.19465 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.19631 | WERE              | WACO      | 1       | 18.0                   | -0.00208 | -0.19423 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.19673 | WERE              | WACO      | 1       | 18.0                   | -0.00208 | -0.19465 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.24266 | WERE              | WACO      | 1       | 18.0                   | -0.00208 | -0.24058 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.24826 | WERE              | CITY OF V | 1       | 16.3                   | -0.00113 | -0.24713 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.24826 | WERE              | CITY OF V | 1       | 16.3                   | -0.00113 | -0.24713 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.19631 | WERE              | CITY OF V | 1       | 16.3                   | -0.00113 | -0.19518 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 191.0                  | -0.19673 | WERE              | CITY OF V | 1       | 16.3                   | -0.00113 | -0.19562 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.24826 | WERE              | CITY OF V | 1       | 16.3                   | -0.00113 | -0.24713 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.24266 | WERE              | CITY OF V | 1       | 16.3                   | -0.00113 | -0.24153 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.19673 | WERE              | CITY OF V | 1       | 16.3                   | -0.00113 | -0.19562 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.19631 | WERE              | CITY OF V | 1       | 16.3                   | -0.00113 | -0.19518 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1                       | 78.0                   | -0.19673 | WERE              | CITY OF V | 1       | 16.3                   | -0.00113 | -0.19562 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.19631 | WERE              | CITY OF V | 1       | 16.3                   | -0.00113 | -0.19518 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.24826 | WERE              | CITY OF V | 1       | 16.3                   | -0.00113 | -0.24713 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.19653 | WERE              | CITY OF V | 1       | 16.3                   | -0.00113 | -0.19542 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.19631 | WERE              | CITY OF V | 1       | 16.3                   | -0.00113 | -0.19518 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.24826 | WERE              | CITY OF V | 6       | 11.0                   | -0.00113 | -0.24713 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.19631 | WERE              | CITY OF V | 6       | 11.0                   | -0.00113 | -0.19518 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.19631 | WERE              | CITY OF V | 6       | 11.0                   | -0.00113 | -0.19518 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.19653 | WERE              | CITY OF V | 6       | 11.0                   | -0.00113 | -0.19542 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.24266 | WERE              | CITY OF V | 6       | 11.0                   | -0.00113 | -0.24153 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 191.0                  | -0.19673 | WERE              | CITY OF V | 6       | 11.0                   | -0.00113 | -0.19562 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.24826 | WERE              | CITY OF V | 6       | 11.0                   | -0.00113 | -0.24713 | 2                      |  |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.24826 | WERE              | CITY OF V | 6       | 11.0                   | -0.00113 | -0.24713 | 2                      |  |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.19631 | WERE              | CITY OF V | 6       | 11.0                   | -0.00113 | -0.19518 | 2                      |  |

Maximum Decrement and Maximum Increment were determine from the Souce and Sink Operating Points in the study models where limiting facility was identified.

Factor = Source GSF - Sink GSF

Redispatch Amount = Relief Amount / Factor

**Table 6 - Potential Redispatch Relief Pairs to Prevent Deferral of Service**

Upgrade: Wichita - Reno Co 345KV  
 Limiting Facility: NORTH AMERICAN PHILIPS JUNCTION (SOUTH) - WEST MCPHERSON 115KV CKT 2  
 Direction: From->To  
 Line Outage: EAST MCPHERSON - SUMMIT 230KV CKT 1  
 Flowgate: 57374574381568725687312210WP  
 Date Redispatch Needed: 12/1/09-4/1/10

| Reservation         | Relief Amount                          | Aggregate Relief Amount |                        |          |                   |             |         |                        |          |          |  |                        | Redispatch Amount (MW) |
|---------------------|--|-------------------------|------------------------|----------|-------------------|-------------|---------|------------------------|----------|----------|--|------------------------|------------------------|
| 610383              | 0.9                                    | 0.9                     |                        |          |                   |             |         |                        |          |          |  |                        |                        |
| Source Control Area | Source                                 | Source Id               | Maximum Increment (MW) | GSF      | Sink Control Area | Sink        | Sink Id | Maximum Decrement (MW) | GSF      | Factor   |  | Redispatch Amount (MW) |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.19653 | WERE              | JEFFREY     | 1       | 470.0                  | 0.01633  | -0.21286 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.24266 | WERE              | JEFFREY     | 1       | 470.0                  | 0.01633  | -0.25899 |  | 4                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.19673 | WERE              | JEFFREY     | 1       | 470.0                  | 0.01633  | -0.21306 |  | 4                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.19631 | WERE              | JEFFREY     | 1       | 470.0                  | 0.01633  | -0.21264 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.24826 | WERE              | JEFFREY     | 1       | 470.0                  | 0.01633  | -0.26459 |  | 4                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 191.0                  | -0.19673 | WERE              | JEFFREY     | 1       | 470.0                  | 0.01633  | -0.21306 |  | 4                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.19631 | WERE              | JEFFREY     | 1       | 470.0                  | 0.01633  | -0.21264 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.24826 | WERE              | JEFFREY     | 1       | 470.0                  | 0.01633  | -0.26459 |  | 4                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.19673 | WERE              | JEFFREY     | 1       | 470.0                  | 0.01633  | -0.21306 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.24826 | WERE              | JEFFREY     | 1       | 470.0                  | 0.01633  | -0.26459 |  | 4                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.19631 | WERE              | JEFFREY     | 1       | 470.0                  | 0.01633  | -0.21264 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.24826 | WERE              | JEFFREY     | 1       | 470.0                  | 0.01633  | -0.26459 |  | 4                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.19631 | WERE              | JEFFREY     | 1       | 470.0                  | 0.01633  | -0.21264 |  | 4                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.19673 | WERE              | JEFFREY     | 1       | 470.0                  | 0.017    | -0.21373 |  | 4                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 191.0                  | -0.19673 | WERE              | JEFFREY     | 1       | 470.0                  | 0.017    | -0.21373 |  | 4                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.19631 | WERE              | JEFFREY     | 1       | 470.0                  | 0.017    | -0.21331 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.24826 | WERE              | JEFFREY     | 1       | 470.0                  | 0.017    | -0.26256 |  | 4                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.19631 | WERE              | JEFFREY     | 1       | 470.0                  | 0.017    | -0.21331 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.24826 | WERE              | JEFFREY     | 1       | 470.0                  | 0.017    | -0.26256 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.24266 | WERE              | JEFFREY     | 1       | 470.0                  | 0.017    | -0.25966 |  | 4                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.19653 | WERE              | JEFFREY     | 1       | 470.0                  | 0.017    | -0.21353 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.24826 | WERE              | JEFFREY     | 1       | 470.0                  | 0.017    | -0.26256 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.24826 | WERE              | JEFFREY     | 1       | 470.0                  | 0.017    | -0.26256 |  | 4                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.19631 | WERE              | JEFFREY     | 1       | 470.0                  | 0.017    | -0.21331 |  | 4                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.19631 | WERE              | JEFFREY     | 1       | 470.0                  | 0.017    | -0.21331 |  | 4                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.19673 | WERE              | JEFFREY     | 1       | 470.0                  | 0.017    | -0.21373 |  | 4                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.19673 | WERE              | JEFFREY     | 1       | 470.0                  | 0.017    | -0.21373 |  | 4                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.19631 | WERE              | JEFFREY     | 1       | 470.0                  | 0.017    | -0.21331 |  | 4                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.19631 | WERE              | JEFFREY     | 1       | 470.0                  | 0.017    | -0.21331 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.24826 | WERE              | JEFFREY     | 1       | 470.0                  | 0.017    | -0.26256 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.24826 | WERE              | JEFFREY     | 1       | 470.0                  | 0.017    | -0.26256 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.24266 | WERE              | JEFFREY     | 1       | 470.0                  | 0.017    | -0.25966 |  | 4                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 191.0                  | -0.19673 | WERE              | JEFFREY     | 1       | 470.0                  | 0.017    | -0.21373 |  | 4                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.19631 | WERE              | JEFFREY     | 1       | 470.0                  | 0.017    | -0.21331 |  | 4                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.19653 | WERE              | JEFFREY     | 1       | 470.0                  | 0.017    | -0.21353 |  | 4                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.19631 | WERE              | JEFFREY     | 1       | 470.0                  | 0.017    | -0.21331 |  | 4                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.19673 | WERE              | JEFFREY     | 1       | 470.0                  | 0.017    | -0.21373 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.24826 | WERE              | JEFFREY     | 1       | 470.0                  | 0.017    | -0.26256 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.24826 | WERE              | JEFFREY     | 1       | 470.0                  | 0.017    | -0.26256 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.24826 | WERE              | LAWRENC     | 1       | 120.6                  | 0.0106   | -0.25886 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.24826 | WERE              | LAWRENC     | 1       | 120.6                  | 0.0106   | -0.25886 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.24826 | WERE              | LAWRENC     | 1       | 120.6                  | 0.0106   | -0.25886 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.24266 | WERE              | LAWRENC     | 1       | 120.6                  | 0.0106   | -0.25326 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.24826 | WERE              | LAWRENC     | 1       | 120.6                  | 0.0106   | -0.25886 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.24266 | WERE              | EVANS EN    | 1       | 37.7                   | 0.00051  | -0.24317 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.24826 | WERE              | EVANS EN    | 1       | 37.7                   | 0.00051  | -0.24877 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.24826 | WERE              | EVANS EN    | 1       | 37.7                   | 0.00051  | -0.24877 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.24826 | WERE              | EVANS EN    | 1       | 37.7                   | 0.00051  | -0.24877 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.24826 | WERE              | EVANS EN    | 1       | 37.7                   | 0.00051  | -0.24877 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.24826 | WERE              | WACO        | 1       | 18.0                   | -0.00208 | -0.24618 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.24826 | WERE              | WACO        | 1       | 18.0                   | -0.00208 | -0.24618 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.24826 | WERE              | WACO        | 1       | 18.0                   | -0.00208 | -0.24618 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.24826 | WERE              | WACO        | 1       | 18.0                   | -0.00208 | -0.24618 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.24266 | WERE              | WACO        | 1       | 18.0                   | -0.00208 | -0.24058 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.24826 | WERE              | CITY OF V   | 1       | 16.3                   | -0.00113 | -0.24713 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.24826 | WERE              | CITY OF V   | 1       | 16.3                   | -0.00113 | -0.24713 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.24826 | WERE              | CITY OF V   | 1       | 16.3                   | -0.00113 | -0.24713 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.24266 | WERE              | CITY OF V   | 1       | 16.3                   | -0.00113 | -0.24153 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 3  | 1                       | 50.0                   | -0.24826 | WERE              | CITY OF V   | 1       | 16.3                   | -0.00113 | -0.24713 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON STEAM PLANT    | 1                       | 27.0                   | -0.24826 | WERE              | CITY OF V   | 6       | 11.0                   | -0.00113 | -0.24713 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 4  | 1                       | 79.0                   | -0.24266 | WERE              | CITY OF V   | 6       | 11.0                   | -0.00113 | -0.24153 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 2  | 1                       | 52.0                   | -0.24826 | WERE              | CITY OF V   | 6       | 11.0                   | -0.00113 | -0.24713 |  | 4                      |                        |
| WERE                | BPU - CITY OF MCPHERSON GAS TURBINE 1  | 1                       | 51.0                   | -0.24826 | WERE              | CITY OF V   | 6       | 11.0                   | -0.00113 | -0.24713 |  | 4                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.19631 | WERE              | LAWRENC     | 1       | 120.6                  | 0.0106   | -0.20691 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.19631 | WERE              | LAWRENC     | 1       | 120.6                  | 0.0106   | -0.20691 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.19653 | WERE              | LAWRENC     | 1       | 120.6                  | 0.0106   | -0.20713 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.19673 | WERE              | LAWRENC     | 1       | 120.6                  | 0.0106   | -0.20733 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 3 | 1                       | 52.0                   | -0.19673 | WERE              | LAWRENC     | 1       | 120.6                  | 0.0106   | -0.20733 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 191.0                  | -0.19673 | WERE              | LAWRENC     | 1       | 120.6                  | 0.0106   | -0.20733 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.19631 | WERE              | LAWRENC     | 1       | 120.6                  | 0.0106   | -0.20691 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.19631 | WERE              | LAWRENC     | 1       | 120.6                  | 0.0106   | -0.20691 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.19631 | WERE              | EVANS EN    | 1       | 37.7                   | 0.00051  | -0.19682 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.19673 | WERE              | EVANS EN    | 1       | 37.7                   | 0.00051  | -0.19724 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.19631 | WERE              | EVANS EN    | 1       | 37.7                   | 0.00051  | -0.19682 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.19631 | WERE              | EVANS EN    | 1       | 37.7                   | 0.00051  | -0.19682 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.19653 | WERE              | EVANS EN    | 1       | 37.7                   | 0.00051  | -0.19704 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 191.0                  | -0.19673 | WERE              | EVANS EN    | 1       | 37.7                   | 0.00051  | -0.19724 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.19631 | WERE              | EVANS EN    | 1       | 37.7                   | 0.00051  | -0.19682 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.19673 | WERE              | EVANS EN    | 1       | 37.7                   | 0.00051  | -0.19724 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.19631 | WERE              | WACO        | 1       | 18.0                   | -0.00208 | -0.19423 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.19653 | WERE              | WACO        | 1       | 18.0                   | -0.00208 | -0.19445 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.19631 | WERE              | WACO        | 1       | 18.0                   | -0.00208 | -0.19423 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.19631 | WERE              | WACO        | 1       | 18.0                   | -0.00208 | -0.19423 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 191.0                  | -0.19673 | WERE              | WACO        | 1       | 18.0                   | -0.00208 | -0.19465 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.19673 | WERE              | WACO        | 1       | 18.0                   | -0.00208 | -0.19465 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.19631 | WERE              | WACO        | 1       | 18.0                   | -0.00208 | -0.19423 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.19673 | WERE              | WACO        | 1       | 18.0                   | -0.00208 | -0.19465 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 3        | 1                       | 31.0                   | -0.19631 | WERE              | CITY OF V   | 1       | 16.3                   | -0.00113 | -0.19518 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 4        | 1                       | 191.0                  | -0.19673 | WERE              | CITY OF V   | 1       | 16.3                   | -0.00113 | -0.1956  |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 3 | 1                       | 52.0                   | -0.19673 | WERE              | CITY OF V   | 1       | 16.3                   | -0.00113 | -0.1956  |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.19631 | WERE              | CITY OF V   | 1       | 16.3                   | -0.00113 | -0.19518 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TRUBINE 4 | 1                       | 78.0                   | -0.19673 | WERE              | CITY OF V   | 1       | 16.3                   | -0.00113 | -0.1956  |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.19631 | WERE              | CITY OF V   | 1       | 16.3                   | -0.00113 | -0.19518 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.19653 | WERE              | CITY OF V   | 1       | 16.3                   | -0.00113 | -0.1954  |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.19631 | WERE              | CITY OF V   | 1       | 16.3                   | -0.00113 | -0.19518 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 2        | 1                       | 18.0                   | -0.19631 | WERE              | CITY OF V   | 6       | 11.0                   | -0.00113 | -0.19518 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER UNIT 1        | 1                       | 18.0                   | -0.19631 | WERE              | CITY OF V   | 6       | 11.0                   | -0.00113 | -0.19518 |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 2 | 1                       | 50.0                   | -0.19653 | WERE              | CITY OF V   | 6       | 11.0                   | -0.00113 | -0.1954  |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 4 | 1                       | 191.0                  | -0.19673 | WERE              | CITY OF V   | 6       | 11.0                   | -0.00113 | -0.1956  |  | 5                      |                        |
| WERE                | HUTCHINSON ENERGY CENTER GAS TURBINE 1 | 1                       | 52.0                   | -0.19631 | WERE              | CITY OF V</ |         |                        |          |          |  |                        |                        |