

## **Exhibit 7**



## Executive Summary: SPP-2021-AG2-AFS-2

Pursuant to the Southwest Power Pool (SPP) Open Access Transmission Tariff (OATT), SPP has conducted this Aggregate Transmission Service Study (ATSS) for transmission service requests received during the ATSS Open Season which closed on November 30, 2021.

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.

## Aggregate Study Manual Version 1.0

[5.docx](#)

**This Aggregate Study iteration analyzes the impact of new  
1,296 MW**

## Models Used in Study

**2022 ITP Series**

**Winter: 2022, 2023, 2024, 2027, 2032**

**Summer: 2022, 2023, 2024, 2027, 2032**

**Light Load: 2023, 2024, 2027, 2032**

**By: SPP Transmission Services Department**

**Published: July 15, 2022**



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

| Customer | Study Number | Reservation | POR  | POD  | Requested Amount | Requested Start Date | Requested Stop Date | Deferred Start Date without interim redispatch (Parameter 5) | Deferred Stop Date without interim redispatch | Start Date with interim redispatch | Stop Date with interim redispatch | <sup>5</sup> One or More Study Parameters Exceeded |
|----------|--------------|-------------|------|------|------------------|----------------------|---------------------|--|---|------------------------------------|-----------------------------------|--|
| AEPM     | AG2-2021-001 | 95551488    | OKGE | CSWS | 35               | 6/1/2022             | 6/1/2027            | 6/1/2022   | 6/1/2027                                      | Note 4                             | Note 4                            | NO   |
| AEPM     | AG2-2021-002 | 95551504    | OKGE | CSWS | 200              | 6/1/2022             | 6/1/2027            | 6/1/2022   | 6/1/2027                                      | Note 4                             | Note 4                            | NO   |
| AEPM     | AG2-2021-003 | 95551510    | OKGE | CSWS | 5                | 6/1/2022             | 6/1/2027            | 6/1/2022   | 6/1/2027                                      | Note 4                             | Note 4                            | NO   |
| AEPM     | AG2-2021-004 | 95551533    | OKGE | CSWS | 90               | 6/1/2022             | 6/1/2027            | 6/1/2022   | 6/1/2027                                      | Note 4                             | Note 4                            | NO   |
| AEPM     | AG2-2021-005 | 95551550    | WFEC | CSWS | 40               | 6/1/2022             | 6/1/2027            | 6/1/2022   | 6/1/2027                                      | Note 4                             | Note 4                            | NO   |
| BEPM     | AG2-2021-006 | 95250509    | WAUE | WAUE | 28               | 6/1/2022             | 12/1/2041           | 6/1/2022   | 12/1/2041                                     | 6/1/2022                           | 12/1/2041                         | NO   |
| BRPS     | AG2-2021-007 | 95551519    | NPPD | NPPD | 7                | 6/1/2022             | 6/1/2024            | 6/1/2022   | 6/1/2024                                      | 6/1/2022                           | 6/1/2024                          | NO   |
| KMEA     | AG2-2021-008 | 95496830    | WR   | WR   | 2                | 6/1/2022             | 6/1/2032            | 6/1/2022   | 6/1/2032                                      | 6/1/2022                           | 6/1/2032                          | NO   |
| KPP      | AG2-2021-009 | 95505123    | WR   | WR   | 5                | 1/1/2023             | 3/1/2037            | 1/1/2023   | 3/1/2037                                      | Note 4                             | Note 4                            | NO   |
| KPP      | AG2-2021-010 | 95551602    | WR   | WR   | 1                | 1/1/2023             | 1/1/2033            | 1/1/2023   | 1/1/2033                                      | Note 4                             | Note 4                            | NO   |
| NMAD     | AG2-2021-011 | 95475952    | AMRN | SPA  | 9                | 10/1/2022            | 10/1/2027           | 10/1/2022  | 10/1/2027                                     | Note 4                             | Note 4                            | NO   |
| NMAD     | AG2-2021-012 | 95475749    | SPA  | SPA  | 5                | 10/1/2022            | 10/1/2027           | 10/1/2022  | 10/1/2027                                     | Note 4                             | Note 4                            | NO   |
| NRPT     | AG2-2021-013 | 95341900    | WAUE | SPC  | 150              | 7/1/2022             | 7/1/2042            | 10/1/2027  | 10/1/2047                                     | 10/1/2027                          | 10/1/2047                         | NO   |
| NRPT     | AG2-2021-014 | 95341902    | WAUE | SPC  | 250              | 10/1/2027            | 10/1/2047           | 10/1/2027  | 10/1/2047                                     | Note 4                             | Note 4                            | NO   |
| NRPT     | AG2-2021-015 | 95341903    | WAUE | SPC  | 250              | 10/1/2027            | 10/1/2047           | 10/1/2027  | 10/1/2047                                     | Note 4                             | Note 4                            | NO   |
| OMPA     | AG2-2021-016 | 95505814    | WFEC | OKGE | 120              | 6/1/2024             | 6/1/2039            | 6/1/2024   | 6/1/2039                                      | Note 4                             | Note 4                            | NO   |
| PEC      | AG2-2021-017 | 95551985    | WFEC | WFEC | 29               | 6/1/2022             | 6/1/2027            | 6/1/2022   | 6/1/2027                                      | 6/1/2022                           | 6/1/2027                          | NO   |
| WRGS     | AG2-2021-018 | 95459718    | SECI | WR   | 70               | 6/1/2022             | 6/1/2027            | 6/1/2022   | 6/1/2027                                      | 6/1/2022                           | 6/1/2027                          | NO   |
|          |              |             |      |      | 1296             |                      |                     |  |   |                                    |                                   |  |

**Requests with Study Parameters Exceeded**

|      |              |          |      |        |    |          |          |           |          |           |          |     |
|------|--------------|----------|------|--------|----|----------|----------|-----------|----------|-----------|----------|-----|
| WRGS | AG2-2021-019 | 94153377 | CSWS | ERCOTE | 50 | 7/1/2022 | 9/1/2023 | 12/1/2025 | 2/1/2027 | 12/1/2025 | 2/1/2027 | YES |
|      |              |          |      |        | 50 |          |          |           |          |           |          |     |

- Note 1:** Start and Stop Dates with interim redispatch are determined based on customers choosing option to pursue redispatch to start service at Requested Start and Stop Dates or earliest date possible.
- Note 2:** Start dates with and without redispatch are based on the assumed completion dates of previous Aggregate Transmission Service Studies currently being conducted. Actual start dates may differ from the potential start dates upon completion of
- Note 3:** Request is unable to be deferred due to fixed stop dates.
- Note 4:** Transmission customer did not select "remain in the study using interim redispatch" option.
- Note 5:** Request parameters have been exceeded.

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>1</sup> Letter of Credit Amount Required (Parameter 4) | <sup>2</sup> Potential Base Plan Engineering and Construction Funding Allowable | Notes | <sup>4, 10, 11</sup> Additional Engineering and Construction Cost for 3rd Party Upgrades (Parameter 2) | <sup>3</sup> Total Revenue Requirements for Assigned Service Upgrades Over Term of Reservation NOT COVERED by Base Plan Funding | <sup>3,5</sup> Total Revenue Requirements for Assigned Service Upgrades Over Term of Reservation COVERED by Base Plan Funding | <sup>6,7</sup> Total Gross CPOs for Creditable Upgrades Over Reservation Period NOT COVERED by Base Plan Funding | <sup>5,6,7</sup> Total Gross CPOs for Creditable Upgrades Over Reservation Period COVERED by Base Plan Funding | <sup>4,9</sup> Point-to-Point Base Rate Available to Offset Revenue Requirements Over Reservation Period | <sup>4</sup> Total Cost of Reservation Assignable to Customer Contingent Upon Base Plan Funding | Directly Assigned Upgrade Cost (DAUC) (Parameter 1) |
|--|--------------|-------------|--|---|---|-------|--|---|---|--|--|--|---|---|
| AEPM   | AG2-2021-001 | 95551488    | \$521,692  | \$0   | \$370,890   |       | \$0  | \$0   | \$0   | \$271,150  | \$712,569  | \$0  | \$271,150   | \$150,802   |
| AEPM   | AG2-2021-002 | 95551504    | \$433,961  | \$0   | \$342,336   |       | \$0  | \$0   | \$0   | \$539,194  | \$1,837,032  | \$0  | \$539,194   | \$91,625  |
| AEPM   | AG2-2021-003 | 95551510    | \$74,527   | \$0   | \$52,993  |       | \$0  | \$0   | \$0   | \$38,724   | \$101,808  | \$0  | \$38,724  | \$21,534  |
| AEPM   | AG2-2021-004 | 95551533    | \$195,282  | \$0   | \$154,051   |       | \$0  | \$0   | \$0   | \$242,637  | \$826,664  | \$0  | \$242,637   | \$41,231  |
| AEPM   | AG2-2021-005 | 95551550    | \$59,961   | \$0   | \$58,617  |       | \$0  | \$0   | \$0   | \$7,908  | \$195,431  | \$0  | \$7,908   | \$1,344   |
| BEPM   | AG2-2021-006 | 95250509    | \$0  | \$0   | \$0   |       | \$0  | \$0   | \$0   | \$0  | \$0  | \$0  | Schedule 9 & 11 Charges   | \$0   |
| BRPS   | AG2-2021-007 | 95551519    | \$0  | \$0   | \$0   |       | \$0  | \$0   | \$0   | \$0  | \$0  | \$0  | Schedule 9 & 11 Charges   | \$0   |
| KMEA   | AG2-2021-008 | 95496830    | \$28,969   | \$0   | \$28,969  |       | \$0  | \$0   | \$0   | \$0  | \$65,510   | \$0  | Schedule 9 & 11 Charges   | \$0   |
| KPP  | AG2-2021-009 | 95505123    | \$1  | \$0   | \$1   |       | \$0  | \$0   | \$0   | \$0  | \$3  | \$0  | Schedule 9 & 11 Charges   | \$0   |
| KPP  | AG2-2021-010 | 95551602    | \$0  | \$0   | \$0   |       | \$0  | \$0   | \$0   | \$0  | \$2  | \$0  | Schedule 9 & 11 Charges   | \$0   |
| NMAD   | AG2-2021-011 | 95475952    | \$0  | \$0   | \$0   |       | \$0  | \$0   | \$0   | \$0  | \$0  | \$0  | Schedule 9 & 11 Charges   | \$0   |
| NMAD   | AG2-2021-012 | 95475749    | \$0  | \$0   | \$0   |       | \$0  | \$0   | \$0   | \$0  | \$0  | \$0  | Schedule 9 & 11 Charges   | \$0   |
| NRPT   | AG2-2021-013 | 95341900    | \$34,285,661   | \$0   | \$0   | 9     | \$0  | \$156,998,158   | \$0   | \$0  | \$0  | \$237,660,696  | \$237,660,696   | \$0   |
| NRPT   | AG2-2021-014 | 95341902    | \$57,142,768   | \$0   | \$0   | 9     | \$0  | \$261,663,597   | \$0   | \$0  | \$0  | \$396,101,160  | \$396,101,160   | \$0   |
| NRPT   | AG2-2021-015 | 95341903    | \$57,142,768   | \$0   | \$0   | 9     | \$0  | \$261,663,597   | \$0   | \$0  | \$0  | \$396,101,160  | \$396,101,160   | \$0   |
| OMPA   | AG2-2021-016 | 95505814    | \$1,939,003  | \$0   | \$0   |       | \$0  | \$0   | \$0   | \$4,172,103  | \$0  | \$0  | \$4,172,103   | \$1,939,003   |
| PEC  | AG2-2021-017 | 95551985    | \$293,382  | \$0   | \$179   |       | \$0  | \$0   | \$0   | \$709,363  | \$1,462  | \$0  | \$709,363   | \$293,202   |
| WRGS   | AG2-2021-018 | 95459718    | \$1,019,094  | \$0   | \$38,605  |       | \$0  | \$0   | \$0   | \$1,858,346  | \$56,944   | \$0  | \$1,858,346   | \$980,489   |
| <b>Grand Total</b>                             |              |             | <b>\$153,137,068</b>   |   | <b>\$1,046,641</b>  |       | <b>\$951,992</b>   | <b>\$680,325,353</b>  | <b>\$0</b>  | <b>\$7,839,424</b>   | <b>\$3,797,427</b>   |  |   | <b>\$3,519,230</b>                                  |
| <b>Requests with Study Parameters Exceeded</b> |              |             |  |   |   |       |  |   |   |  |  |  |   |   |
| WRGS   | AG2-2021-019 | 94153377    | \$0  | \$0   | \$0   |       | \$12,000,000   | \$0   | \$0   | \$0  | \$0  | \$4,221,175  | \$4,221,175   | \$0   |
| <b>Grand Total</b>                             |              |             | <b>\$0</b>   |   | <b>\$0</b>  |       | <b>\$12,000,000</b>  | <b>\$0</b>  | <b>\$0</b>  | <b>\$0</b>   | <b>\$0</b>   |  |   | <b>\$0</b>  |

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

|  |
|--|
| <p><b>Note 1:</b> Letter of Credit required for financial security for transmission owner for network upgrades is determined by allocated engineering and construction costs less engineering and construction costs for upgrades when network customer is the transmission owner less the E &amp; C allocation of expedited projects. Letter of Credit is required for upgrades assigned to PTP requests. The amount of the letter of credit will be adjusted down on an annual basis to reflect cost recovery based on revenue allocation. This letter of credit is not required for those facilities that are fully base plan funded. The Letter Of Credit Amount listed is based on meeting OATT Attachment J requirements for base plan funding.</p>  |
| <p><b>Note 2:</b> If potential base plan funding is applicable, this value is the lesser of the Engineering and Construction costs of assignable upgrades or the value of base plan funding calculated pursuant to Attachment J, Section III B criteria. Allocation of base plan funding is contingent upon verification of customer agreements meeting Attachment J, Section II B criteria. Not applicable if Point-to-Point base rate exceeds revenue requirements.</p>  |
| <p><b>Note 3:</b> Revenue Requirements (RR) are based upon deferred end dates if applicable. Deferred dates are based upon customer's choice to pursue redispatch. Achievable Base Plan Avoided RR in the case of a Base Plan upgrade being displaced or deferred by an earlier in service date for a Requested Upgrade shall be determined per Attachment J, Section VII.C methodology. Assumption of a 40 year service life is utilized for Base Plan funded projects. A present worth analysis of RR on a common year basis between the Base Plan and Requested Upgrades was performed to determine avoided Base Plan RR due to the displacement or deferral of the Base Plan upgrade by the Requested Upgrade. The incremental increase in present worth of a Requested Upgrade on a common year basis as a Base Plan upgrade is assigned to the transmission requests impacting the upgrade based on the displacement or deferral. If the displacement analysis results in lower RR due to the shorter amortization period of the requested upgrade when compared to a base plan amortization period, then no direct assignment of the upgrade cost is made due to the displacement to an earlier start date.</p> |
| <p><b>Note 4:</b> For Point-to-Point requests, total cost is based on the higher of the base rate <b>OR</b> assigned upgrade revenue requirements. For Network requests, the total cost is based on the directly assigned upgrade revenue requirements <b>AND</b> Schedules 1, 1A, 2, 9, 11, &amp; 12 charges. Network cost amounts populated in this column are reduced by offsets (if available) from base plan funding, which is determined using Attachment J, Section II B Criteria. Additionally E &amp; C of 3rd Party upgrades is assignable to Customer. This includes prepayments required for any SWPA upgrades. Revenue requirements for 3rd Party facilities are not calculated. Total cost to customer is based on assumption of Revenue Requirements with confirmation of base plan funding. Customer is responsible for negotiating redispatch costs if applicable. Customer is also responsible to pay credits for previously assigned upgrades that are impacted by their request. Credits can be paid from base plan funding if applicable.</p>   |
| <p><b>Note 5:</b> RR with base plan funding may increase or decrease even if no base plan funding is applicable to a particular request if another request that shares the upgrade is now full base plan funded resulting in a different amortization period for the upgrade and thus different RR.</p>  |
| <p><b>Note 6:</b> RR for creditable upgrades.</p>  |
| <p><b>Note 7:</b> CPOs for creditable upgrades may be calculated based on estimated upgrade cost and are subject to change.</p>  |
| <p><b>Note 8:</b> CPOs for creditable upgrade(s) may be required based on completion of GI review.</p>   |
| <p><b>Note 9:</b> Point-To-Point Base Rate used to offset Revenue Requirements are calculated using the following available rate(s): Schedule 7, Schedule 11 Base Plan Zonal, Schedule 11 Base Plan Regional. The ancillary rates (Schedules 1, 1A, 2, and 12) are not included in the Point-to-Point Base Rate. These rate(s) are subject to change.</p>  |
| <p><b>Note 10:</b> Per Attachment Z1 Section III.D.2, customer has until the start date of its requested transmission service or one (1) year after completion of the Aggregate Facilities Study, whichever is sooner, to complete negotiations with the third party to resolve the third party issue(s). A 90 day extension may be granted. If the customer has not notified SPP of a successful conclusion to the negotiation with the third party by the deadline, SPP shall deem the transmission service request to be terminated and withdrawn and the customer will be subject to a make-whole payment.</p>   |
| <p><b>Note 11:</b> Request(s) subject to third party upgrade costs. Scope of third party upgrade specifications and projected third party upgrade costs shall be established by the third party in accordance with Section 21 of the SPP Open Access Transmission Tariff. The third party upgrade specifications and projected third party upgrade costs have not yet been established, and is subject to the third party's review and potential revision following the results of this AFS.</p>   |

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

Customer Study Number  
 AEPM AG2-2021-001

| Customer | Reservation | POR  | POD  | Requested Amount | Requested Start Date | Requested Stop Date | Deferred Start Date Without Redispatch | Deferred Stop Date Without Redispatch | Potential Base Plan Funding Allowable | Point-to-Point Base Rate | Allocated E & C Cost | Total Revenue |
|----------|-------------|------|------|------------------|----------------------|---------------------|--|---------------------------------------|---------------------------------------|--------------------------|----------------------|---------------|
| AEPM     | 95551488    | OKGE | CSWS | 35               | 6/1/2022             | 6/1/2027            | 6/1/2022                               | 6/1/2027                              | \$ 370,890                            | \$ -                     | \$ 521,692           | \$ 983,719    |
|          |             |      |      |                  |                      |                     |  |                                       | \$ 370,890                            | \$ -                     | \$ 521,692           | \$ 983,719    |

| Reservation  | Upgrade Name | DUN | EOC | Earliest Start Date | Redispatch Available | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|--------------|--------------|-----|-----|---------------------|----------------------|----------------------|------------------|----------------------------|
| 95551488     | None         |     |     |                     |                      | \$ -                 | \$ -             | \$ -                       |
| <b>Total</b> |              |     |     |                     |                      | \$ -                 | \$ -             | \$ -                       |

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

| Reservation  | Upgrade Name   | DUN        | EOC        | Earliest Start Date | Redispatch Available | Base Plan Funding for Wind | Directly Assigned for Wind | Allocated E & C Cost | Total Revenue Requirements |
|--------------|--|------------|------------|---------------------|----------------------|----------------------------|----------------------------|----------------------|----------------------------|
| 95551488     | Cleo Corner 138kV Major County Addition (NU)             | 10/1/2020  | 10/1/2020  |                     |                      | \$ 259,156                 | \$ 129,578                 | \$ 388,734           | \$ 525,494                 |
|              | Cleo Corner - Cleo Plant Tap 138kV Ckt 1                 | 3/11/2021  | 3/11/2021  |                     |                      | \$ 10,863                  | \$ -                       | \$ 10,863            | \$ 14,684                  |
|              | Kingfisher Co Tap - Mathewson 345kV CKT 1                | 3/1/2018   | 3/1/2018   |                     |                      | \$ 35,554                  | \$ -                       | \$ 35,554            | \$ 47,458                  |
|              | HUGO - VALLIANT 345KV CKT 1                              | 7/1/2012   | 7/1/2012   |                     |                      | \$ 18,889                  | \$ -                       | \$ 18,889            | \$ 92,021                  |
|              | NORTHWEST - WOODWARD 345KV CKT 1                         | 1/1/2010   | 1/1/2010   |                     |                      | \$ 29,771                  | \$ 14,885                  | \$ 44,656            | \$ 262,791                 |
|              | Power System Stabilizers in SPS                          | 11/30/2014 | 11/30/2014 |                     |                      | \$ 276                     | \$ -                       | \$ 276               | \$ 382                     |
|              | Valliant 345 kV (AEP)                                    | 7/1/2012   | 7/1/2012   |                     |                      | \$ 3,705                   | \$ -                       | \$ 3,705             | \$ 15,724                  |
|              | Woodward EHV 138kV Phase Shifting Transformer circuit #1 | 8/2/2017   | 8/2/2017   |                     |                      | \$ 12,677                  | \$ 6,338                   | \$ 19,015            | \$ 25,164                  |
| <b>Total</b> |  |            |            |                     |                      | \$ 370,890                 | \$ 150,802                 | \$ 521,692           | \$ 983,719                 |

\*Note: CPOs may be calculated based on estimated upgrade cost and are subject to change.

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

Customer Study Number  
 AEPM AG2-2021-002

| Customer | Reservation | POR  | POD  | Requested Amount | Requested Start Date | Requested Stop Date | Deferred Start Date Without Redispatch | Deferred Stop Date Without Redispatch | Potential Base Plan Funding Allowable | Point-to-Point Base Rate | Allocated E & C Cost | Total Revenue Requirements |
|----------|-------------|------|------|------------------|----------------------|---------------------|--|---------------------------------------|---------------------------------------|--------------------------|----------------------|----------------------------|
| AEPM     | 95551504    | OKGE | CSWS | 200              | 6/1/2022             | 6/1/2027            | 6/1/2022                               | 6/1/2027                              | \$ 342,336                            | \$ -                     | \$ 433,961           | \$ 2,376,226               |
|          |             |      |      |                  |                      |                     |  |                                       | \$ 342,336                            | \$ -                     | \$ 433,961           | \$ 2,376,226               |

| Reservation  | Upgrade Name | DUN | EOC | Earliest Start Date | Redispatch Available | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|--------------|--------------|-----|-----|---------------------|----------------------|----------------------|------------------|----------------------------|
| 95551504     | None         |     |     |                     |                      | \$ -                 | \$ -             | \$ -                       |
| <b>Total</b> |              |     |     |                     |                      | \$ -                 | \$ -             | \$ -                       |

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

| Reservation  | Upgrade Name                     | DUN      | EOC      | Earliest Start Date | Redispatch Available | Base Plan Funding for Wind | Directly Assigned for Wind | Allocated E & C Cost | Total Revenue Requirements |
|--------------|----------------------------------|----------|----------|---------------------|----------------------|----------------------------|----------------------------|----------------------|----------------------------|
| 95551504     | HUGO - VALLIANT 345KV CKT 1      | 7/1/2012 | 7/1/2012 |                     |                      | \$ 133,001                 | \$ -                       | \$ 133,001           | \$ 647,930                 |
|              | NORTHWEST - WOODWARD 345KV CKT 1 | 1/1/2010 | 1/1/2010 |                     |                      | \$ 183,250                 | \$ 91,625                  | \$ 274,875           | \$ 1,617,581               |
|              | Valliant 345 kV (AEP)            | 7/1/2012 | 7/1/2012 |                     |                      | \$ 26,085                  | \$ -                       | \$ 26,085            | \$ 110,715                 |
| <b>Total</b> |                                  |          |          |                     |                      | \$ 342,336                 | \$ 91,625                  | \$ 433,961           | \$ 2,376,226               |

\*Note: CPOs may be calculated based on estimated upgrade cost and are subject to change.



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

Customer Study Number  
 AEPM AG2-2021-004

| Customer | Reservation | POR  | POD  | Requested Amount | Requested Start Date | Requested Stop Date | Deferred Start Date Without Redispatch | Deferred Stop Date Without Redispatch | Potential Base Plan Funding Allowable | Point-to-Point Base Rate | Allocated E & C Cost | Total Revenue Requirements |
|----------|-------------|------|------|------------------|----------------------|---------------------|--|---------------------------------------|---------------------------------------|--------------------------|----------------------|----------------------------|
| AEPM     | 95551533    | OKGE | CSWS | 90               | 6/1/2022             | 6/1/2027            | 6/1/2022                               | 6/1/2027                              | \$ 154,051                            | \$ -                     | \$ 195,282           | \$ 1,069,301               |
|          |             |      |      |                  |                      |                     |  |                                       | \$ 154,051                            | \$ -                     | \$ 195,282           | \$ 1,069,301               |

| Reservation  | Upgrade Name | DUN | EOC | Earliest Start Date | Redispatch Available | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|--------------|--------------|-----|-----|---------------------|----------------------|----------------------|------------------|----------------------------|
| 95551533     | None         |     |     |                     |                      | \$ -                 | \$ -             | \$ -                       |
| <b>Total</b> |              |     |     |                     |                      | \$ -                 | \$ -             | \$ -                       |

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

| Reservation  | Upgrade Name                     | DUN      | EOC      | Earliest Start Date | Redispatch Available | Base Plan Funding for Wind | Directly Assigned for Wind | Allocated E & C Cost | Total Revenue Requirements |
|--------------|----------------------------------|----------|----------|---------------------|----------------------|----------------------------|----------------------------|----------------------|----------------------------|
| 95551533     | HUGO - VALLIANT 345KV CKT 1      | 7/1/2012 | 7/1/2012 |                     |                      | \$ 59,850                  | \$ -                       | \$ 59,850            | \$ 291,568                 |
|              | NORTHWEST - WOODWARD 345KV CKT 1 | 1/1/2010 | 1/1/2010 |                     |                      | \$ 82,463                  | \$ 41,231                  | \$ 123,694           | \$ 727,912                 |
|              | Valliant 345 kV (AEP)            | 7/1/2012 | 7/1/2012 |                     |                      | \$ 11,738                  | \$ -                       | \$ 11,738            | \$ 49,822                  |
| <b>Total</b> |                                  |          |          |                     |                      | \$ 154,051                 | \$ 41,231                  | \$ 195,282           | \$ 1,069,301               |

\*Note: CPOs may be calculated based on estimated upgrade cost and are subject to change.

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

Customer Study Number  
 AEPM AG2-2021-005

| Customer | Reservation | POR  | POD  | Requested Amount | Requested Start Date | Requested Stop Date | Deferred Start Date Without Redispatch | Deferred Stop Date Without Redispatch | Potential Base Plan Funding Allowable | Point-to-Point Base Rate | Allocated E & C Cost | Total Revenue Requirements |
|----------|-------------|------|------|------------------|----------------------|---------------------|--|---------------------------------------|---------------------------------------|--------------------------|----------------------|----------------------------|
| AEPM     | 95551550    | WFEC | CSWS | 40               | 6/1/2022             | 6/1/2027            | 6/1/2022                               | 6/1/2027                              | \$ 58,617                             | -                        | \$ 59,961            | \$ 203,339                 |
|          |             |      |      |                  |                      |                     |  |                                       | \$ 58,617                             | -                        | \$ 59,961            | \$ 203,339                 |

| Reservation | Upgrade Name | DUN | EOC | Earliest Start Date | Redispatch Available | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|--------------|-----|-----|---------------------|----------------------|----------------------|------------------|----------------------------|
| 95551550    | None         |     |     |                     |                      | \$ -                 | \$ -             | \$ -                       |
|             |              |     |     |                     |                      | \$ -                 | \$ -             | \$ -                       |
|             |              |     |     |                     |                      | \$ -                 | \$ -             | \$ -                       |

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

| Reservation | Upgrade Name                              | DUN      | EOC      | Earliest Start Date | Redispatch Available | Base Plan Funding for Wind | Directly Assigned for Wind | Allocated E & C Cost | Total Revenue Requirements |
|-------------|---|----------|----------|---------------------|----------------------|----------------------------|----------------------------|----------------------|----------------------------|
| 95551550    | Kingfisher Co Tap - Mathewson 345kV CKT 1 | 3/1/2018 | 3/1/2018 |                     |                      | \$ 25,364                  | \$ -                       | \$ 25,364            | \$ 33,856                  |
|             | HUGO - VALLIANT 345KV CKT 1               | 7/1/2012 | 7/1/2012 |                     |                      | \$ 25,554                  | \$ -                       | \$ 25,554            | \$ 124,489                 |
|             | NORTHWEST - WOODWARD 345KV CKT 1          | 1/1/2010 | 1/1/2010 |                     |                      | \$ 2,687                   | \$ 1,344                   | \$ 4,031             | \$ 23,723                  |
|             | Valliant 345 kV (AEP)                     | 7/1/2012 | 7/1/2012 |                     |                      | \$ 5,012                   | \$ -                       | \$ 5,012             | \$ 21,272                  |
|             |   |          |          |                     |                      | \$ 58,617                  | \$ 1,344                   | \$ 59,961            | \$ 203,339                 |

\*Note: CPOs may be calculated based on estimated upgrade cost and are subject to change.

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

Customer Study Number  
 BEPM AG2-2021-006

| Customer | Reservation | POR  | POD  | Requested Amount | Requested Start Date | Requested Stop Date | Deferred Start Date Without Redispatch | Deferred Stop Date Without Redispatch | Potential Base Plan Funding Allowable | Point-to-Point Base Rate | Allocated E & C Cost | Total Revenue Requirements |
|----------|-------------|------|------|------------------|----------------------|---------------------|--|---------------------------------------|---------------------------------------|--------------------------|----------------------|----------------------------|
| BEPM     | 95250509    | WAUE | WAUE | 28               | 6/1/2022             | 12/1/2041           | 6/1/2022                               | 12/1/2041                             | \$ -                                  | \$ -                     | \$ -                 | \$ -                       |
|          |             |      |      |                  |                      |                     |  |                                       | \$ -                                  | \$ -                     | \$ -                 | \$ -                       |

| Reservation | Upgrade Name | DUN | EOC | Earliest Start Date | Redispatch Available | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|--------------|-----|-----|---------------------|----------------------|----------------------|------------------|----------------------------|
| 95250509    | None         |     |     |                     |                      | \$ -                 | \$ -             | \$ -                       |
|             |              |     |     |                     | Total                | \$ -                 | \$ -             | \$ -                       |

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

Customer Study Number  
BRPS AG2-2021-007

| Customer | Reservation | POR  | POD  | Requested Amount | Requested Start Date | Requested Stop Date | Deferred Start Date Without Redispatch | Deferred Stop Date Without Redispatch | Potential Base Plan Funding Allowable | Point-to-Point Base Rate | Allocated E & C Cost | Total Revenue Requirements |
|----------|-------------|------|------|------------------|----------------------|---------------------|--|---------------------------------------|---------------------------------------|--------------------------|----------------------|----------------------------|
| BRPS     | 95551519    | NPPD | NPPD | 7                | 6/1/2022             | 6/1/2024            | 6/1/2022                               | 6/1/2024                              | \$ -                                  | \$ -                     | \$ -                 | \$ -                       |
|          |             |      |      |                  |                      |                     |  |                                       | \$ -                                  | \$ -                     | \$ -                 | \$ -                       |

| Reservation | Upgrade Name | DUN | EOC | Earliest Start Date | Redispatch Available | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|--------------|-----|-----|---------------------|----------------------|----------------------|------------------|----------------------------|
| 95551519    | None         |     |     |                     |                      | \$ -                 | \$ -             | \$ -                       |
|             |              |     |     |                     | Total                | \$ -                 | \$ -             | \$ -                       |

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

Customer Study Number  
KMEA AG2-2021-008

| Customer | Reservation | POR | POD | Requested Amount | Requested Start Date | Requested Stop Date | Deferred Start Date Without Redispatch | Deferred Stop Date Without Redispatch | Potential Base Plan Funding Allowable | Point-to-Point Base Rate | Allocated E & C Cost | Total Revenue Requirements |
|----------|-------------|-----|-----|------------------|----------------------|---------------------|--|---------------------------------------|---------------------------------------|--------------------------|----------------------|----------------------------|
| KMEA     | 95496830    | WR  | WR  | 2                | 6/1/2022             | 6/1/2032            | 6/1/2022                               | 6/1/2032                              | \$ 28,969                             | \$ -                     | \$ 28,969            | \$ 65,510                  |
|          |             |     |     |                  |                      |                     |  |                                       | \$ 28,969                             | \$ -                     | \$ 28,969            | \$ 65,510                  |

| Reservation | Upgrade Name | DUN | EOC | Earliest Start Date | Redispatch Available | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|--------------|-----|-----|---------------------|----------------------|----------------------|------------------|----------------------------|
| 95496830    | None         |     |     |                     |                      | \$ -                 | \$ -             | \$ -                       |
| Total       |              |     |     |                     |                      | \$ -                 | \$ -             | \$ -                       |

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

| Reservation | Upgrade Name  | DUN       | EOC       | Earliest Start Date | Redispatch Available | Allocated E & C Cost | Total Revenue Requirements |
|-------------|---|-----------|-----------|---------------------|----------------------|----------------------|----------------------------|
| 95496830    | LACYGNE - WEST GARDNER 345KV CKT 1                      | 6/1/2006  | 6/1/2006  |                     |                      | \$ 636               | \$ 7,355                   |
|             | Neosho - Riverton 161kV Line Rebuild (EMDE)             | 10/1/2023 | 10/1/2023 |                     |                      | \$ 24,599            | \$ 50,489                  |
|             | Neosho - Riverton 161kV Line Rebuild (WERE)             | 10/1/2023 | 10/1/2023 |                     |                      | \$ 3,503             | \$ 6,426                   |
|             | SUB 110 - ORONOGO JCT. - SUB 452 - RIVERTON 161KV CKT 1 | 6/1/2011  | 6/1/2011  |                     |                      | \$ 230               | \$ 1,241                   |
| Total       |   |           |           |                     |                      | \$ 28,969            | \$ 65,510                  |

\*Note: CPOs may be calculated based on estimated upgrade cost and are subject to change.

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

Customer Study Number  
KPP AG2-2021-009

| Customer | Reservation | POR | POD | Requested Amount | Requested Start Date | Requested Stop Date | Deferred Start Date Without Redispatch | Deferred Stop Date Without Redispatch | Potential Base Plan Funding Allowable | Point-to-Point Base Rate | Allocated E & C Cost | Total Revenue Requirements |
|----------|-------------|-----|-----|------------------|----------------------|---------------------|--|---------------------------------------|---------------------------------------|--------------------------|----------------------|----------------------------|
| KPP      | 95505123    | WR  | WR  | 5                | 1/1/2023             | 3/1/2037            | 1/1/2023                               | 3/1/2037                              | \$ 1                                  | \$ -                     | \$ 1                 | \$ 3                       |
|          |             |     |     |                  |                      |                     |  |                                       | \$ 1                                  | \$ -                     | \$ 1                 | \$ 3                       |

| Reservation | Upgrade Name | DUN | EOC | Earliest Start Date | Redispatch Available | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|--------------|-----|-----|---------------------|----------------------|----------------------|------------------|----------------------------|
| 95505123    | None         |     |     |                     |                      | \$ -                 | \$ -             | \$ -                       |
| Total       |              |     |     |                     |                      | \$ -                 | \$ -             | \$ -                       |

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

| Reservation | Upgrade Name                           | DUN      | EOC      | Earliest Start Date | Redispatch Available | Allocated E & C Cost | Total Revenue Requirements |
|-------------|--|----------|----------|---------------------|----------------------|----------------------|----------------------------|
| 95505123    | NEOSHO - NORTHEAST PARSONS 138KV CKT 1 | 6/1/2011 | 6/1/2011 |                     |                      | \$ 1                 | \$ 3                       |
| Total       |  |          |          |                     |                      | \$ 1                 | \$ 3                       |

\*Note: CPOs may be calculated based on estimated upgrade cost and are subject to change.

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

Customer Study Number  
KPP AG2-2021-010

| Customer | Reservation | POR | POD | Requested Amount | Requested Start Date | Requested Stop Date | Deferred Start Date Without Redispatch | Deferred Stop Date Without Redispatch | Potential Base Plan Funding Allowable | Point-to-Point Base Rate | Allocated E & C Cost | Total Revenue Requirements |
|----------|-------------|-----|-----|------------------|----------------------|---------------------|--|---------------------------------------|---------------------------------------|--------------------------|----------------------|----------------------------|
| KPP      | 95551602    | WR  | WR  | 1                | 1/1/2023             | 1/1/2033            | 1/1/2023                               | 1/1/2033                              | \$ 0                                  | \$ -                     | \$ 0                 | \$ 2                       |
|          |             |     |     |                  |                      |                     |  |                                       | \$ 0                                  | \$ -                     | \$ 0                 | \$ 2                       |

| Reservation | Upgrade Name | DUN | EOC | Earliest Start Date | Redispatch Available | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|--------------|-----|-----|---------------------|----------------------|----------------------|------------------|----------------------------|
| 95551602    | None         |     |     |                     |                      | \$ -                 | \$ -             | \$ -                       |
| Total       |              |     |     |                     |                      | \$ -                 | \$ -             | \$ -                       |

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

| Reservation | Upgrade Name                                  | DUN      | EOC      | Earliest Start Date | Redispatch Available | Allocated E & C Cost | Total Revenue Requirements |
|-------------|---|----------|----------|---------------------|----------------------|----------------------|----------------------------|
| 95551602    | COFFEYVILLE TAP - DEARING 138KV CKT 1 (WR) #2 | 6/9/2010 | 6/9/2010 |                     |                      | \$ 0                 | \$ 1                       |
|             | NEOSHO - NORTHEAST PARSONS 138KV CKT 1        | 6/1/2011 | 6/1/2011 |                     |                      | \$ 0                 | \$ 1                       |
| Total       |   |          |          |                     |                      | \$ 0                 | \$ 2                       |

\*Note: CPOs may be calculated based on estimated upgrade cost and are subject to change.

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

Customer Study Number  
 NMAD AG2-2021-011

| Customer | Reservation | POR  | POD | Requested Amount | Requested Start Date | Requested Stop Date | Deferred Start Date Without Redispatch | Deferred Stop Date Without Redispatch | Potential Base Plan Funding Allowable | Point-to-Point Base Rate | Allocated E & C Cost | Total Revenue Requirements |
|----------|-------------|------|-----|------------------|----------------------|---------------------|--|---------------------------------------|---------------------------------------|--------------------------|----------------------|----------------------------|
| NMAD     | 95475952    | AMRN | SPA | 9                | 10/1/2022            | 10/1/2027           | 10/1/2022                              | 10/1/2027                             | \$ -                                  | \$ -                     | \$ -                 | \$ -                       |
|          |             |      |     |                  |                      |                     |  |                                       | \$ -                                  | \$ -                     | \$ -                 | \$ -                       |

| Reservation | Upgrade Name | DUN | EOC | Earliest Start Date | Redispatch Available | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|--------------|-----|-----|---------------------|----------------------|----------------------|------------------|----------------------------|
| 95475952    | None         |     |     |                     |                      | \$ -                 | \$ -             | \$ -                       |
|             |              |     |     |                     | Total                | \$ -                 | \$ -             | \$ -                       |

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

Customer Study Number  
 NMAD AG2-2021-012

| Customer | Reservation | POR | POD | Requested Amount | Requested Start Date | Requested Stop Date | Deferred Start Date Without Redispatch | Deferred Stop Date Without Redispatch | Potential Base Plan Funding Allowable | Point-to-Point Base Rate | Allocated E & C Cost | Total Revenue Requirements |
|----------|-------------|-----|-----|------------------|----------------------|---------------------|--|---------------------------------------|---------------------------------------|--------------------------|----------------------|----------------------------|
| NMAD     | 95475749    | SPA | SPA | 5                | 10/1/2022            | 10/1/2027           | 10/1/2022                              | 10/1/2027                             | \$ -                                  | \$ -                     | \$ -                 | \$ -                       |
|          |             |     |     |                  |                      |                     |  |                                       | \$ -                                  | \$ -                     | \$ -                 | \$ -                       |

| Reservation | Upgrade Name | DUN | EOC | Earliest Start Date | Redispatch Available | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|--------------|-----|-----|---------------------|----------------------|----------------------|------------------|----------------------------|
| 95475749    | None         |     |     |                     |                      | \$ -                 | \$ -             | \$ -                       |
|             |              |     |     |                     | Total                | \$ -                 | \$ -             | \$ -                       |

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

Customer Study Number  
NRPT AG2-2021-013

| Customer | Reservation | POR  | POD | Requested Amount | Requested Start Date | Requested Stop Date | Deferred Start Date Without Redispatch | Deferred Stop Date Without Redispatch | Potential Base Plan Funding Allowable | Point-to-Point Base Rate | Allocated E & C Cost | Total Revenue Requirements |
|----------|-------------|------|-----|------------------|----------------------|---------------------|--|---------------------------------------|---------------------------------------|--------------------------|----------------------|----------------------------|
| NRPT     | 95341900    | WAUE | SPC | 150              | 7/1/2022             | 7/1/2042            | 10/1/2027                              | 10/1/2047                             | \$ -                                  | \$ 237,660,696           | \$ 34,285,661        | \$ 156,998,158             |
|          |             |      |     |                  |                      |                     |  |                                       | \$ -                                  | \$ 237,660,696           | \$ 34,285,661        | \$ 156,998,158             |

| Reservation | Upgrade Name                                   | DUN       | EOC       | Earliest Start Date | Redispatch Available | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|--|-----------|-----------|---------------------|----------------------|----------------------|------------------|----------------------------|
| 95341900    | Boundary Dam - Tande 230 kV new line (BEPC)    | 10/1/2027 | 10/1/2027 |                     |                      | \$ 15,807,692        | \$ 68,500,000    | \$ 72,427,813              |
|             | Boundary Dam - Wheelock 230 kV new line (BEPC) | 10/1/2027 | 10/1/2027 |                     |                      | \$ 18,346,154        | \$ 79,500,000    | \$ 84,058,556              |
|             | SE Williston 115kV 12 MVAR capacitor bank      | 10/1/2029 | 10/1/2029 |                     |                      | \$ 131,814           | \$ 571,195       | \$ 511,789                 |
|             | Total  |           |           |                     |                      | \$ 34,285,661        | \$ 148,571,195   | \$ 156,998,158             |

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

Customer Study Number  
NRPT AG2-2021-014

| Customer | Reservation | POR  | POD | Requested Amount | Requested Start Date | Requested Stop Date | Deferred Start Date Without Redispatch | Deferred Stop Date Without Redispatch | Potential Base Plan Funding Allowable | Point-to-Point Base Rate | Allocated E & C Cost | Total Revenue Requirements |
|----------|-------------|------|-----|------------------|----------------------|---------------------|--|---------------------------------------|---------------------------------------|--------------------------|----------------------|----------------------------|
| NRPT     | 95341902    | WAUE | SPC | 250              | 10/1/2027            | 10/1/2047           | 10/1/2027                              | 10/1/2047                             | \$ -                                  | \$ 396,101,160           | \$ 57,142,768        | \$ 261,663,597             |
|          |             |      |     |                  |                      |                     |  |                                       | \$ -                                  | \$ 396,101,160           | \$ 57,142,768        | \$ 261,663,597             |

| Reservation | Upgrade Name                                   | DUN       | EOC       | Earliest Start Date | Redispatch Available | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|--|-----------|-----------|---------------------|----------------------|----------------------|------------------|----------------------------|
| 95341902    | Boundary Dam - Tande 230 kV new line (BEPC)    | 10/1/2027 | 10/1/2027 |                     |                      | \$ 26,346,154        | \$ 68,500,000    | \$ 120,713,021             |
|             | Boundary Dam - Wheelock 230 kV new line (BEPC) | 10/1/2027 | 10/1/2027 |                     |                      | \$ 30,576,923        | \$ 79,500,000    | \$ 140,097,594             |
|             | SE Williston 115kV 12 MVAR capacitor bank      | 10/1/2029 | 10/1/2029 |                     |                      | \$ 219,691           | \$ 571,195       | \$ 852,982                 |
|             | Total  |           |           |                     |                      | \$ 57,142,768        | \$ 148,571,195   | \$ 261,663,597             |

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

Customer Study Number  
NRPT AG2-2021-015

| Customer | Reservation | POR  | POD | Requested Amount | Requested Start Date | Requested Stop Date | Deferred Start Date Without Redispatch | Deferred Stop Date Without Redispatch | Potential Base Plan Funding Allowable | Point-to-Point Base Rate | Allocated E & C Cost | Total Revenue Requirements |
|----------|-------------|------|-----|------------------|----------------------|---------------------|--|---------------------------------------|---------------------------------------|--------------------------|----------------------|----------------------------|
| NRPT     | 95341903    | WAUE | SPC | 250              | 10/1/2027            | 10/1/2047           | 10/1/2027                              | 10/1/2047                             | \$ -                                  | \$ 396,101,160           | \$ 57,142,768        | \$ 261,663,597             |
|          |             |      |     |                  |                      |                     |  |                                       | \$ -                                  | \$ 396,101,160           | \$ 57,142,768        | \$ 261,663,597             |

| Reservation | Upgrade Name                                   | DUN       | EOC       | Earliest Start Date | Redispatch Available | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|--|-----------|-----------|---------------------|----------------------|----------------------|------------------|----------------------------|
| 95341903    | Boundary Dam - Tande 230 kV new line (BEPC)    | 10/1/2027 | 10/1/2027 |                     |                      | \$ 26,346,154        | \$ 68,500,000    | \$ 120,713,021             |
|             | Boundary Dam - Wheelock 230 kV new line (BEPC) | 10/1/2027 | 10/1/2027 |                     |                      | \$ 30,576,923        | \$ 79,500,000    | \$ 140,097,594             |
|             | SE Williston 115kV 12 MVAR capacitor bank      | 10/1/2029 | 10/1/2029 |                     |                      | \$ 219,691           | \$ 571,195       | \$ 852,982                 |
|             | Total  |           |           |                     |                      | \$ 57,142,768        | \$ 148,571,195   | \$ 261,663,597             |

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

Customer Study Number  
 OMPA AG2-2021-016

| Customer | Reservation | POR  | POD  | Requested Amount | Requested Start Date | Requested Stop Date | Deferred Start Date Without Redispatch | Deferred Stop Date Without Redispatch | Potential Base Plan Funding Allowable | Point-to-Point Base Rate | Allocated E & C Cost | Total Revenue Requirements |
|----------|-------------|------|------|------------------|----------------------|---------------------|--|---------------------------------------|---------------------------------------|--------------------------|----------------------|----------------------------|
| OMPA     | 95505814    | WFEC | OKGE | 120              | 6/1/2024             | 6/1/2039            | 6/1/2024                               | 6/1/2039                              | \$ -                                  | \$ -                     | \$ 1,939,003         | \$ 4,172,103               |
|          |             |      |      |                  |                      |                     |  |                                       | \$ -                                  | \$ -                     | \$ 1,939,003         | \$ 4,172,103               |

| Reservation  | Upgrade Name | DUN | EOC | Earliest Start Date | Redispatch Available | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|--------------|--------------|-----|-----|---------------------|----------------------|----------------------|------------------|----------------------------|
| 95505814     | None         |     |     |                     |                      | \$ -                 | \$ -             | \$ -                       |
| <b>Total</b> |              |     |     |                     |                      | \$ -                 | \$ -             | \$ -                       |

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

| Reservation  | Upgrade Name                                     | DUN        | EOC        | Earliest Start Date | Redispatch Available | Allocated E & C Cost | Total Revenue Requirements |
|--------------|--|------------|------------|---------------------|----------------------|----------------------|----------------------------|
| 95505814     | FAIRFAX - PAWNEE 138KV CKT 1                     | 6/30/2014  | 6/30/2014  |                     |                      | \$ 83,864            | \$ 145,343                 |
|              | Gracemont 138kV line terminal addition           | 10/12/2012 | 10/12/2012 |                     |                      | \$ 1,767             | \$ 3,375                   |
|              | HUGO - VALLIANT 345KV CKT 1                      | 7/1/2012   | 7/1/2012   |                     |                      | \$ 27,261            | \$ 227,756                 |
|              | NORTHWEST - WOODWARD 345KV CKT 1                 | 1/1/2010   | 1/1/2010   |                     |                      | \$ 17,143            | \$ 172,674                 |
|              | Osage - Shidler 138kV                            | 1/15/2014  | 1/15/2014  |                     |                      | \$ 7,566             | \$ 13,219                  |
|              | Neosho - Riverton 161kV Line Rebuild (EMDE)      | 10/1/2023  | 10/1/2023  |                     |                      | \$ 152,882           | \$ 423,556                 |
|              | Neosho - Riverton 161kV Line Rebuild (WERE)      | 10/1/2023  | 10/1/2023  |                     |                      | \$ 21,785            | \$ 53,932                  |
|              | Pawnee 138 kV                                    | 6/30/2014  | 6/30/2014  |                     |                      | \$ 24,426            | \$ 42,332                  |
|              | Shidler 138 kV                                   | 2/8/2014   | 2/8/2014   |                     |                      | \$ 90,887            | \$ 159,653                 |
|              | Snyder 138kV (WFEC) - Kiowa County Addition (NU) | 8/15/2019  | 8/15/2019  |                     |                      | \$ 1,494,583         | \$ 2,870,737               |
|              | Valliant 345 kV (AEP)                            | 7/1/2012   | 7/1/2012   |                     |                      | \$ 5,398             | \$ 38,369                  |
|              | WASHITA - GRACEMONT 138 KV CKT 2                 | 10/12/2012 | 10/12/2012 |                     |                      | \$ 11,442            | \$ 21,157                  |
| <b>Total</b> |  |            |            |                     |                      | \$ 1,939,003         | \$ 4,172,103               |

\*Note: CPOs may be calculated based on estimated upgrade cost and are subject to change.

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

Customer Study Number  
 PEC AG2-2021-017

| Customer | Reservation | POR  | POD  | Requested Amount | Requested Start Date | Requested Stop Date | Deferred Start Date Without Redispatch | Deferred Stop Date Without Redispatch | Potential Base Plan Funding Allowable | Point-to-Point Base Rate | Allocated E & C Cost | Total Revenue Requirements |
|----------|-------------|------|------|------------------|----------------------|---------------------|--|---------------------------------------|---------------------------------------|--------------------------|----------------------|----------------------------|
| PEC      | 95551985    | WFEC | WFEC | 29               | 6/1/2022             | 6/1/2027            | 6/1/2022                               | 6/1/2027                              | \$ 179                                | \$ -                     | \$ 293,382           | \$ 710,825                 |
|          |             |      |      |                  |                      |                     |  |                                       | \$ 179                                | \$ -                     | \$ 293,382           | \$ 710,825                 |

| Reservation | Upgrade Name | DUN | EOC | Earliest Start Date | Redispatch Available | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|--------------|-----|-----|---------------------|----------------------|----------------------|------------------|----------------------------|
| 95551985    | None         |     |     |                     |                      | \$ -                 | \$ -             | \$ -                       |
|             |              |     |     |                     |                      | Total                | \$ -             | \$ -                       |

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

| Reservation | Upgrade Name   | DUN        | EOC        | Earliest Start Date | Redispatch Available | Base Plan Funding for Wind | Directly Assigned for Wind | Allocated E & C Cost | Total Revenue Requirements |            |
|-------------|--|------------|------------|---------------------|----------------------|----------------------------|----------------------------|----------------------|----------------------------|------------|
| 95551985    | BROWN - EXPLORER TAP 138KV CKT 1                         | 6/1/2006   | 6/1/2006   |                     |                      | \$ 179                     | \$ -                       | \$ 179               | \$ 1,462                   |            |
|             | Gracemont 138kV line terminal addition                   | 10/12/2012 | 10/12/2012 |                     |                      | \$ -                       | \$ 4,708                   | \$ 4,708             | \$ 7,232                   |            |
|             | HUGO - VALLIANT 345KV CKT 1                              | 7/1/2012   | 7/1/2012   |                     |                      | \$ -                       | \$ 9,287                   | \$ 9,287             | \$ 45,244                  |            |
|             | HUGO 345/138KV TRANSFORMER CKT 1                         | 7/1/2012   | 7/1/2012   |                     |                      | \$ -                       | \$ 26,326                  | \$ 26,326            | \$ 127,339                 |            |
|             | Lake Creek - Lone Wolf 69kV Ckt 1 Current Transformers   | 8/8/2015   | 8/8/2015   |                     |                      | \$ -                       | \$ 164,152                 | \$ 164,152           | \$ 222,707                 |            |
|             | NORTHWEST - WOODWARD 345KV CKT 1                         | 1/1/2010   | 1/1/2010   |                     |                      | \$ -                       | \$ 39,269                  | \$ 39,269            | \$ 231,090                 |            |
|             | Valliant 345 kV (AEP)                                    | 7/1/2012   | 7/1/2012   |                     |                      | \$ -                       | \$ 1,821                   | \$ 1,821             | \$ 7,731                   |            |
|             | WASHITA - GRACEMONT 138 KV CKT 2                         | 10/12/2012 | 10/12/2012 |                     |                      | \$ -                       | \$ 30,415                  | \$ 30,415            | \$ 45,228                  |            |
|             | Woodward EHV 138kV Phase Shifting Transformer circuit #1 | 8/2/2017   | 8/2/2017   |                     |                      | \$ -                       | \$ 17,223                  | \$ 17,223            | \$ 22,792                  |            |
|             |  |            |            |                     |                      | Total                      | \$ 179                     | \$ 293,202           | \$ 293,382                 | \$ 710,825 |

\*Note: CPOs may be calculated based on estimated upgrade cost and are subject to change.

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

Customer Study Number  
WRGS AG2-2021-018

| Customer | Reservation | POR  | POD | Requested Amount | Requested Start Date | Requested Stop Date | Deferred Start Date Without Redispatch | Deferred Stop Date Without Redispatch | Potential Base Plan Funding Allowable | Point-to-Point Base Rate | Allocated E & C Cost | Total Revenue |
|----------|-------------|------|-----|------------------|----------------------|---------------------|--|---------------------------------------|---------------------------------------|--------------------------|----------------------|---------------|
| WRGS     | 95459718    | SECI | WR  | 70               | 6/1/2022             | 6/1/2027            | 6/1/2022                               | 6/1/2027                              | \$ 38,605                             | \$ -                     | \$ 1,019,094         | \$ 1,915,290  |
|          |             |      |     |                  |                      |                     |  |                                       | \$ 38,605                             | \$ -                     | \$ 1,019,094         | \$ 1,915,290  |

| Reservation | Upgrade Name | DUN | EOC | Earliest Start Date | Redispatch Available | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|--------------|-----|-----|---------------------|----------------------|----------------------|------------------|----------------------------|
| 95459718    | None         |     |     |                     |                      | \$ -                 | \$ -             | \$ -                       |
|             |              |     |     |                     |                      | Total                | \$ -             | \$ -                       |

Credits may be required for the following Network Upgrades in accordance with Attachment Z2 of the SPP OATT.

| Reservation | Upgrade Name   | DUN        | EOC        | Earliest Start Date | Redispatch Available | Base Plan Funding for Wind | Directly Assigned for Wind | Allocated E & C Cost | Total Revenue Requirements |              |
|-------------|--|------------|------------|---------------------|----------------------|----------------------------|----------------------------|----------------------|----------------------------|--------------|
| 95459718    | FLATRDG3 - HARPER 138KV CKT 1                            | 12/1/2009  | 6/1/2013   |                     |                      | \$ -                       | \$ 22,670                  | \$ 22,670            | \$ 145,529                 |              |
|             | Ironwood 345 kV Substation Ford Co Addition              | 12/17/2014 | 12/17/2014 |                     |                      | \$ -                       | \$ 539,631                 | \$ 539,631           | \$ 746,078                 |              |
|             | NORTHWEST - WOODWARD 345KV CKT 1                         | 1/1/2010   | 1/1/2010   |                     |                      | \$ -                       | \$ 85,044                  | \$ 85,044            | \$ 500,468                 |              |
|             | North Ft. Dodge - Spearville 115kV Ckt 2                 | 5/1/2015   | 5/1/2015   |                     |                      | \$ -                       | \$ 59,273                  | \$ 59,273            | \$ 80,851                  |              |
|             | Rice - Lyons 115 kV Ckt 1                                | 4/1/2013   | 4/1/2013   |                     |                      | \$ -                       | \$ 135,765                 | \$ 135,765           | \$ 198,644                 |              |
|             | Spearville 345/115 kV Transformer CKT 1                  | 5/1/2015   | 5/1/2015   |                     |                      | \$ -                       | \$ 98,598                  | \$ 98,598            | \$ 134,493                 |              |
|             | Wheatland 115 kV #2                                      | 12/31/2012 | 12/31/2012 |                     |                      | \$ 38,605                  | \$ -                       | \$ 38,605            | \$ 56,944                  |              |
|             | Woodward EHV 138kV Phase Shifting Transformer circuit #1 | 8/2/2017   | 8/2/2017   |                     |                      | \$ -                       | \$ 39,508                  | \$ 39,508            | \$ 52,283                  |              |
|             |  |            |            |                     |                      | Total                      | \$ 38,605                  | \$ 980,489           | \$ 1,019,094               | \$ 1,915,290 |

\*Note: CPOs may be calculated based on estimated upgrade cost and are subject to change.

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

**Requests with Study Parameters Exceeded**

Customer Study Number  
WRGS AG2-2021-019

| Customer | Reservation | POR  | POD    | Requested Amount | Requested Start Date | Requested Stop Date | Deferred Start Date Without Redispatch | Deferred Stop Date Without Redispatch | Potential Base Plan Funding Allowable | Point-to-Point Base Rate | Allocated E & C Cost | Total Revenue Requirements |
|----------|-------------|------|--------|------------------|----------------------|---------------------|--|---------------------------------------|---------------------------------------|--------------------------|----------------------|----------------------------|
| WRGS     | 94153377    | CSWS | ERCOTE | 50               | 7/1/2022             | 9/1/2023            | 12/1/2025                              | 2/1/2027                              | \$ -                                  | \$ 4,221,175             | \$ -                 | \$ -                       |
|          |             |      |        |                  |                      |                     |  |                                       | \$ -                                  | \$ 4,221,175             | \$ -                 | \$ -                       |

| Reservation | Upgrade Name | DUN | EOC | Earliest Start Date | Redispatch Available | Allocated E & C Cost | Total E & C Cost | Total Revenue Requirements |
|-------------|--------------|-----|-----|---------------------|----------------------|----------------------|------------------|----------------------------|
| 94153377    | None         |     |     |                     |                      | \$ -                 | \$ -             | \$ -                       |
|             |              |     |     |                     | Total                | \$ -                 | \$ -             | \$ -                       |

Third Party Limitations.

| Reservation | Upgrade Name                     | DUN      | EOC       | Earliest Start Date | Redispatch Available | *Allocated E & C Cost | *Total E & C Cost |
|-------------|----------------------------------|----------|-----------|---------------------|----------------------|-----------------------|-------------------|
| 94153377    | LeBrock 345/18 kV Transformer #4 | 7/1/2022 | 12/1/2025 |                     |                      | \$ 12,000,000         | \$ 12,000,000     |
|             |                                  |          |           |                     | Total                | \$ 12,000,000         | \$ 12,000,000     |

\*Estimated cost allocation as a percentage of total cost is shown for third-party limitations when costs have not yet been established by the third-party.

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

| Transmission Owner | Upgrade  | Solution  | Earliest Date Upgrade Required (DUN) | Estimated Date of Upgrade Completion (EOC) | Estimated Engineering & Construction Cost |
|--------------------|--|---|--------------------------------------|--|---|
| BEPC               | Boundary Dam - Tande 230 kV new line (BEPC)    | Build new 60 mile 230 kV line from Tande to Boundary Dam. This upgrade is the BEPC portion of the new line, and does not include the required SPC portion of any new line or SPC terminations.    | 10/1/2027                            | 10/1/2027                                  | \$68,500,000                              |
| BEPC               | Boundary Dam - Wheelock 230 kV new line (BEPC) | Build new 70 mile 230 kV line from Wheelock to Boundary Dam. This upgrade is the BEPC portion of the new line, and does not include the required SPC portion of any new line or SPC terminations. | 10/1/2027                            | 10/1/2027                                  | \$79,500,000                              |
| BEPC               | SE Williston 115kV 12 MVAR capacitor bank      | Add new 12 MVAR capacitor bank at SE Williston 115 kV   | 10/1/2029                            | 10/1/2029                                  | \$571,195                                 |

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

Network Upgrades requiring credits per Attachment Z2 of the SPP OATT.

| Transmission Owner | Upgrade   | Solution  | Earliest Date Upgrade Required (DUN) | Estimated Date of Upgrade Completion (EOC) | Total Gross CPO Allocation |
|--------------------|---|---|--------------------------------------|--|----------------------------|
| AEP                | Shidler 138 kV  | Replace existing 138kV CB at Shidler substation with 4 breaker ring. Provide Terminal for KAMO's 138kV line from Remington Station. Replace ground switch and circuit switcher, Move terminal for OG&E Osage 138kV line. Replace relay panels for OGE Osage and | 2/8/2014                             | 2/8/2014                                   | \$ 159,653                 |
| AEP                | Valliant 345 kV (AEP)                                   | Valliant 345 KV line terminal   | 7/1/2012                             | 7/1/2012                                   | \$ 245,879                 |
| EDE                | Neosho - Riverton 161kV Line Rebuild (EMDE)             | Rebuild 28.41 miles of 161kV line from Neosho to Riverton and upgrade any necessary terminal equipment  | 10/1/2023                            | 10/1/2023                                  | \$ 474,045                 |
| EDE                | SUB 110 - ORONOGO JCT. - SUB 452 - RIVERTON 161KV CKT 1 | Reconductor Oronogo 59467 to Riverton 59469 with Bundled 556 ACSR   | 6/1/2011                             | 6/1/2011                                   | \$ 1,241                   |
| GRDA               | FAIRFAX - PAWNEE 138KV CKT 1                            | Build new Fairfax (AECI) - Pawnee 138 kV line and rebuild existing 69 kV line from Fairfax - Pawnee, approximately 19.5 miles with double circuit towers for double circuit 138 kV line.  | 6/30/2014                            | 6/30/2014                                  | \$ 145,343                 |
| GRDA               | Pawnee 138 kV   | New three breaker ring bus on the Cleveland-Stillwater 138kV line near Pawnee. Station will have terminals to Cleveland, Stillwater, and Fairfax.   | 6/30/2014                            | 6/30/2014                                  | \$ 42,332                  |
| ITCGP              | HUGO - VALLIANT 345KV CKT 1                             | New 19 miles 345 KV   | 7/1/2012                             | 7/1/2012                                   | \$ 1,442,153               |
| ITCGP              | HUGO 345/138KV TRANSFORMER CKT 1                        | New 345/138 kv Auto   | 7/1/2012                             | 7/1/2012                                   | \$ 127,339                 |
| ITCGP              | Ironwood 345 kV Substation Ford Co Addition             | Add one (1) 345kV line terminal including two (2) 345kV circuit breakers, four (4) 345kV disconnect switches, and associated structural steel, foundations, and associated miscellaneous equipment. Contribution by Interconnection Customer towards constructi | 12/17/2014                           | 12/17/2014                                 | \$ 746,078                 |
| KCPL               | LACYGNE - WEST GARDNER 345KV CKT 1                      | KCPL Sponsored Project to Reconductor Line to be In-Service by 6/1/2006   | 6/1/2006                             | 6/1/2006                                   | \$ 7,355                   |
| MIDW               | Rice - Lyons 115 kV Ckt 1                               | Rebuild and extend 115 kV transmission line from existing Rice Co. substation to new Rice Co. substation, including engineering, surveying, and modification of existing easements as required.   | 4/1/2013                             | 4/1/2013                                   | \$ 198,644                 |

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

|      |  |  |            |            |              |
|------|--|--|------------|------------|--------------|
| MIDW | Wheatland 115 kV #2                                      | Install metering equipment at the Wheatland 115 kV substation.   | 12/31/2012 | 12/31/2012 | \$ 56,944    |
| MKEC | FLATRDG3 - HARPER 138KV CKT 1                            | Rebuild 24.15 mile line  | 12/1/2009  | 6/1/2013   | \$ 145,529   |
| MKEC | North Ft. Dodge - Spearville 115kV Ckt 2                 | Build approximately 20 mile 115 kV line  | 5/1/2015   | 5/1/2015   | \$ 80,851    |
| MKEC | Spearville 345/115 kV Transformer CKT 1                  | Spearville Substation - Add 345/115kV autotransformer and 345kV and 115kV terminal positions for autotransformer.  | 5/1/2015   | 5/1/2015   | \$ 134,493   |
| OGE  | BROWN - EXPLORER TAP 138KV CKT 1                         | Upgrade terminal equipment.  | 6/1/2006   | 6/1/2006   | \$ 1,462     |
| OGE  | Cleo Corner - Cleo Plant Tap 138kV Ckt 1                 | Change current transformers tap setting and testing.   | 3/11/2021  | 3/11/2021  | \$ 16,782    |
| OGE  | Cleo Corner 138kV Major County Addition (NU)             | Construct four (4) 2000 continuous ampacity breakers, control panel replacement, line relaying, disconnect switches, structures, foundations, conductors, insulators, and all other associated work and materials. Reroute transmission line to the south to open up the north terminal. | 10/1/2020  | 10/1/2020  | \$ 600,565   |
| OGE  | Kingfisher Co Tap - Mathewson 345kV CKT 1                | Replace terminal equipment to achieve conductor limit  | 3/1/2018   | 3/1/2018   | \$ 88,094    |
| OGE  | Gracemont 138kV line terminal addition                   | 138kV line terminal at Gracemont substation, including breaker, line relaying, disconnect switches and associated equipment, dead end structures, revenue metering with CT's and PT's.   | 10/12/2012 | 10/12/2012 | \$ 10,607    |
| OGE  | NORTHWEST - WOODWARD 345KV CKT 1                         | Build 345 kV line  | 1/1/2010   | 1/1/2010   | \$ 3,573,779 |
| OGE  | Osage - Shidler 138kV                                    | Osage Substation: Replace Shidler 138kV line terminal primary and redundant relaying with SEL uProcessor based relays, install 3-138kV PTs, Install 1-138kV CB, Install metering, Install 2000A line Trap  | 1/15/2014  | 1/15/2014  | \$ 13,219    |
| OGE  | Woodward EHV 138kV Phase Shifting Transformer circuit #1 | Install one (1) 138 kV phase shifting transformer along with upgrading relay, protective, and metering equipment, and all associated and miscellaneous materials.  | 8/2/2017   | 8/2/2017   | \$ 103,834   |
| SPS  | Power System Stabilizers in SPS                          | Install Power System Stabilizers (PSS) at Tolk (Units: 1,2) and Jones (Units: 1,2,3).  | 11/30/2014 | 11/30/2014 | \$ 437       |
| WR   | COFFEYVILLE TAP - DEARING 138KV CKT 1 (WR) #2            | Replace Disconnect Switches, Wavetrap, Breaker, Jumpers with a minimum 2000 amp emergency rating equipment   | 6/9/2010   | 6/9/2010   | \$ 1         |
| WR   | NEOSHO - NORTHEAST PARSONS 138KV CKT 1                   | Replace bus and Jumpers at NE Parsons 138 kV substation  | 6/1/2011   | 6/1/2011   | \$ 5         |
| WR   | Neosho - Riverton 161kV Line Rebuild (WERE)              | Rebuild 2.44 miles of Neosho-Riverton 161kV line using bundled 1590 Lapwing ACSR and OPGW. Remove the wavetrap.  | 10/1/2023  | 10/1/2023  | \$ 60,358    |
| WFEC | Lake Creek - Lone Wolf 69kV Ckt 1 Current Transformers   | Replace current transformers at Lake Creek and Lone Wolf substation  | 8/8/2015   | 8/8/2015   | \$ 222,707   |
| WFEC | Snyder 138kV (WFEC) - Kiowa County Addition (NU)         | Install one (1) new line terminal, one (1) 2000A circuit breaker, line relaying, disconnect switches, additional 4" IPS aluminum buss, and associated equipment.   | 8/15/2019  | 8/15/2019  | \$ 2,870,737 |
| WFEC | WASHITA - GRACEMONT 138 KV CKT 2                         | Build Washita - Gracemont 138 kV ckt 2 (approximately 7 miles). Add line terminal at Washita and procure right of way.   | 10/12/2012 | 10/12/2012 | \$ 66,385    |

\*Note: CPOs may be calculated based on upgrade(s) currently in study and/or estimated upgrade cost(s), which may be subject to change.

**Table 5 - Third Party Facility Constraints**

| Transmission Owner | UpgradeName | Solution | Earliest Date Upgrade Required (DUN) | Estimated Date of Upgrade Completion (EOC) | Estimated Engineering & Construction Cost |
|--------------------|-------------|----------|--------------------------------------|--|---|
|                    | None        |          |                                      |  |   |

## Table 6 - Reserved

Reserved

**Table 7- Service Upgrade Cost Allocation per Request**

| <b>Upgrade Name</b>                         | <b>Customer</b> | <b>Study Number</b> | <b>Reservation</b> | <b>Allocation Percentage</b> | <b>Allocated E &amp; C Cost</b> |
|---|-----------------|---------------------|--------------------|------------------------------|---------------------------------|
| Boundary Dam - Tande 230 kV new line (BEPC) | NRPT            | AG2-2021-013        | 95341900           | 23.08%                       | \$15,807,692                    |
| Boundary Dam - Tande 230 kV new line (BEPC) | NRPT            | AG2-2021-014        | 95341902           | 38.46%                       | \$26,346,154                    |
| Boundary Dam - Tande 230 kV new line (BEPC) | NRPT            | AG2-2021-015        | 95341903           | 38.46%                       | \$26,346,154                    |
|   |                 |                     |                    | <b>Total:</b>                | <b>\$68,500,000</b>             |

**Table 7- Service Upgrade Cost Allocation per Request**

| <b>Upgrade Name</b>                            | <b>Customer</b> | <b>Study Number</b> | <b>Reservation</b> | <b>Allocation Percentage</b> | <b>Allocated E &amp; C Cost</b> |
|--|-----------------|---------------------|--------------------|------------------------------|---------------------------------|
| Boundary Dam - Wheelock 230 kV new line (BEPC) | NRPT            | AG2-2021-013        | 95341900           | 23.08%                       | \$18,346,154                    |
| Boundary Dam - Wheelock 230 kV new line (BEPC) | NRPT            | AG2-2021-014        | 95341902           | 38.46%                       | \$30,576,923                    |
| Boundary Dam - Wheelock 230 kV new line (BEPC) | NRPT            | AG2-2021-015        | 95341903           | 38.46%                       | \$30,576,923                    |
|  |                 |                     |                    | <b>Total:</b>                | <b>\$79,500,000</b>             |

**Table 7- Service Upgrade Cost Allocation per Request**

| <b>Upgrade Name</b>                       | <b>Customer</b> | <b>Study Number</b> | <b>Reservation</b> | <b>Allocation Percentage</b> | <b>Allocated E &amp; C Cost</b> |
|---|-----------------|---------------------|--------------------|------------------------------|---------------------------------|
| SE Williston 115kV 12 MVAR capacitor bank | NRPT            | AG2-2021-013        | 95341900           | 23.08%                       | \$131,814                       |
| SE Williston 115kV 12 MVAR capacitor bank | NRPT            | AG2-2021-014        | 95341902           | 38.46%                       | \$219,691                       |
| SE Williston 115kV 12 MVAR capacitor bank | NRPT            | AG2-2021-015        | 95341903           | 38.46%                       | \$219,691                       |
|   |                 |                     |                    | <b>Total:</b>                | <b>\$571,195</b>                |