

Exhibit A

MISO Tariff Attachment MM

https://www.misoenergy.org/_layouts/MISO/ECM/Download.aspx?ID=19289

ATTACHMENT MM
MULTI-VALUE PROJECT CHARGE (“MVP Charge”)

1 Multi-Value Projects:

This Attachment MM sets forth the method for collecting the charges associated with Multi-Value Projects (MVPs) and for distributing the revenues associated with such charges in accordance with Schedules 26-A and 39. This Attachment MM applies to those MVPs that are determined under Attachment FF to be subject to this Attachment MM that are not subject to the cost recovery provisions of Attachment N. The charges under this Attachment MM shall be in addition to any charges under Schedules 7, 8, 9, 26, 37 and 38.

2 Multi-Value Projects Annual Revenue Requirements (“MVP Revenue Requirements”):

- (a) Each year, in accordance with the provisions of Attachment FF, the Transmission Provider shall publish a cumulative list of all eligible MVPs by Transmission Owner and/or ITCs by Project in Appendix A of the MTEP.
- (b) The revenue requirement for each MVP shall be the annual revenue requirement as computed in Section 3 below. In conjunction with providing its annual Attachment O, each Transmission Owner and/or ITC shall furnish to the Transmission Provider its annual revenue requirement for each MVP subject to this Attachment MM as calculated in Section 3 below.

- (c) For purposes of preparing the Attachment MM, each Transmission Owner and/or ITC must utilize the same test period that is utilized in the preparation of its Attachment O.
- (d) Projects included in Attachment MM must be in-service prior to or during the test period indicated in (c) above. If the Transmission Owner and/or ITC receives FERC approval to include specific MVP projects that are recorded in construction work in progress (CWIP) but not yet in-service in the annual revenue requirement calculation, those projects may be included in Attachment MM provided the Transmission Owner and/or ITC supplies the Transmission Provider with evidence of FERC approval.
- (e) In order to prevent over recovery of Attachment O revenue, the revenue requirement calculated pursuant to Attachment MM (excluding any True-Up Adjustment) will be subtracted by each Transmission Owner and/or ITC from their respective Attachment O revenue requirement.
- (f) Each Transmission Owner or ITC that utilizes a projected test period for its Attachment O shall determine its projected MVP Revenue Requirement for the following year concurrently with the preparation of its associated Attachment O.
- (g) Each Transmission Owner or ITC that utilizes a projected test period shall make available to any interested party by publicly posting on OASIS its projected MVP Revenue Requirement, including all inputs in sufficient detail to identify the components of its MVP Revenue Requirement, including any amounts representing a True-Up Adjustment, concurrently when it publicly posts on OASIS its projected revenue requirement for Attachment O.

(h) A Project's True-Up Adjustment will be added to its individual projected Attachment MM revenue requirement for each Transmission Owner or ITC that utilizes a projected test period for its Attachment O. With the exception of Transmission Owners that have been granted Commission approval to utilize a company specific Attachment MM True-Up Adjustment protocol, the Attachment MM True-Up Adjustment will be calculated as specified in Section 4 of this Attachment MM.

3 Calculation of the MVP Annual Revenue Requirement:

- (a) The MVP Annual Revenue Requirement for Transmission Owners and/or ITCs shall be calculated as follows:
- i. Annual Allocation Factors shall be calculated for the following six (6) cost of service elements, expressed as a percentage, using the formulae included in this Attachment MM which utilizes select entries from the currently effective Attachment O:
 - 1) Transmission Operation and Maintenance Expense
 - 2) Other Operation and Maintenance Expense
 - 3) General and Common Depreciation Expense
 - 4) Taxes Other Than Income Taxes
 - 5) Income Taxes
 - 6) Return
 - ii. Subsections (iii) through (x) describe the calculation of the Annual Allocation Factors using references to the Attachment O, FERC Form 1, formula rate. Table

1 of Attachment MM provides the cross-references to RUS Form 12 and EIA Form 412 versions of Attachment O to calculate the Annual Allocation Factors for publicly-owned Transmission Owners.

- iii. The Annual Allocation Factor for Transmission Operation and Maintenance shall be determined by dividing the sum of Attachment O, Page 3, Line 1, Column 5 minus Attachment O, Page 3, Line 1a, Column 5, if any, minus Attachment O, Page 3, Line 2, Column 5, if any, by the amount of Transmission Accumulated Depreciation included on Attachment O, Page 2, Line 8, Column 5.
- iv. The Annual Allocation Factor for Other Operation and Maintenance shall be determined by dividing the sum of the amount included on Attachment O, Page 3, Line 8, Column 5 minus the Adjusted Transmission O&M amount calculated in (iii) above and reflected on Attachment MM, Page 1, Line 3d by the amount of Gross Transmission Plant in Service included on Attachment O, Page 2, Line 2, Column 5. The Gross Transmission Plant In Service shall include any CWIP included in Rate Base when authorized by FERC order less any prefunded AFUDC, if applicable.
- v. The Annual Allocation Factor for General and Common Depreciation Expense shall be determined by dividing the amount included on Attachment O, Page 3, Lines 10 & 11, Column 5 by the amount of Gross Transmission Plant In-Service included on Attachment O, Page 2, Line 2, Column 5. The Gross Transmission Plant In-Service shall include any CWIP included in Rate Base when authorized by FERC order less any prefunded AFUDC, if applicable.

vi. The Annual Allocation Factor for Other Taxes shall be determined by dividing the amount included on Attachment O, Page 3, Line 20, Column 5 by the amount of Gross Transmission Plant In-Service included on Attachment O, Page 2, Line 2, Column 5. The Gross Transmission Plant In-Service shall include any CWIP included in Rate Base when authorized by FERC order less any prefunded AFUDC, if applicable.

vii. The Annual Allocation Factor for Other Expense shall be the sum of (iv), (v) and (vi) above.

viii. The Annual Allocation Factor for Income Tax shall be determined by dividing the amount included on Attachment O, Page 3, Line 27, Column 5 by the amount included for the Net Transmission Plant In-Service Attachment MM, Page 1, Line 2. The Net Transmission Plant In-Service shall include any CWIP included in Rate Base when authorized by FERC order less any prefunded AFUDC, if applicable.

This component shall be zero for publicly-owned Transmission Owners.

ix. The Annual Allocation Factor for Return on Rate Base shall be determined by dividing the amount included on Attachment O, Page 3, Line 28, Column 5 by the amount of Net Transmission Plant In-Service included on Attachment MM, Page 1, Line 2. The Net Transmission Plant In-Service shall include any CWIP included in Rate Base when authorized by FERC order less any prefunded AFUDC, if applicable.

x. The Annual Allocation Factor for Return shall be the sum of (viii) and (ix) above.

xi. The MVP Annual Revenue Requirement for each individual Project subject to this Attachment MM shall be the sum of (a) Annual Expense Charge, (b) Annual Return Charge, (c) Project Depreciation Expense, and (d) any applicable True-Up Adjustment, where:

- 1) Annual Expense Charge equals the sum of (a) the Project's Accumulated Depreciation multiplied by the Annual Allocation Factor for Transmission Operation and Maintenance calculated in (iii) above, and (b) the Project's Gross Plant multiplied by the Annual Allocation Factor For Other Expense calculated in (vii) above;
- 2) Annual Return Charge equals the Project's Net Plant multiplied by the Annual Allocation Factor for Return calculated in (x) above;
- 3) Depreciation Expense equals the actual value booked, or projected to be booked for forward-looking rate periods, for the Project and included in Attachment O, Page 3, Line 12, Column 5;
- 4) True-Up Adjustment equals any applicable Attachment MM true-up amount calculated under Section 4 of this Attachment MM or a company specific FERC-accepted mechanism for a particular Transmission Owner; and
- 5) The Project's Gross Plant and Net Plant values shall be the respective balances for the facilities comprising the Project as incorporated in the Gross Plant values from Attachment O as identified in (iv), (v) and (vi) above and Net Plant values from Attachment MM as identified in (viii) and (ix) above. These balances shall reflect any retirements or subsequent like kind

replacements associated with the ongoing maintenance of the facilities identified in the project.

- xii. Each individual Project shall be identified separately as a sub-row of Line 1 on Page 2 of the Attachment MM template attached, to be identified as Line 1a, 1b, etc. The Transmission Owner shall add additional sub-rows to Line 1 as needed to accommodate additional Projects.
- (b) The MVP Annual Revenue Requirement for Withdrawing Transmission Owners' MVPs shall be calculated pursuant to Schedule 39.
- (c) The applicable Total MVP Annual Revenue Requirement used to calculate the MVP Usage Rate (MUR) in Section 5.a.i to Section 5.a.vi shall be the sum of the MVP Annual Revenue Requirements for MVPs of Transmission Owners and/or ITCs calculated pursuant to Section 3(a) of this Attachment MM and the MVP Annual Revenue Requirement for MVPs of Withdrawing Transmission Owners calculated pursuant to Section 3(b) of this Attachment MM. The applicable Total MVP Annual Revenue Requirement for each MUR in Section 5.a.i to Section 5.a.vi shall be determined as follows:
- i. For the MUR in Section 5.a.i, the applicable Total MVP Annual Revenue Requirement shall include the MVP Annual Revenue Requirement for an MVP approved before or during the Second Planning Area's Transition Period that terminates exclusively in the First Planning Area;
 - ii. For the MUR in Section 5.a.ii, the applicable Total MVP Annual Revenue Requirement shall include the MVP Annual Revenue Requirement for an MVP

terminating exclusively in the First Planning Area and part of an approved Combined MVP Portfolio meeting the criteria in Section II.B.3 of Attachment FF-6;

iii. For the MUR in Section 5.a.iii, the applicable Total MVP Annual Revenue Requirement shall include the MVP Annual Revenue Requirement for an MVP terminating exclusively in the Second Planning Area and part of an approved Combined MVP Portfolio meeting the criteria in Section II.B.3 of Attachment FF-6;

iv. For the MUR in Section 5.a.iv, the applicable Total MVP Annual Revenue Requirement shall include the MVP Annual Revenue Requirement for an MVP approved during the Second Planning Area's Transition Period that terminates in both Planning Areas;

v. For the MUR in Section 5.a.v, the applicable Total MVP Annual Revenue Requirement shall include the MVP Annual Revenue Requirement for an MVP approved after the Second Planning Area's Transition Period or for an MVP approved during the transition period that terminates exclusively in the First Planning Area or the Second Planning Area and is shown to meet the MVP criteria in Attachment FF but not the criteria in Section II.B.3 of Attachment FF-6; and

vi. For the MUR in Section 5.a.vi, the applicable Total MVP Annual Revenue Requirement during the Second Planning Area's Transition Period shall include the MVP Annual Revenue Requirement for an MVP approved during the Second Planning Area's Transition Period that terminates exclusively in the Second

Planning Area. After the Second Planning Area's Transition Period the applicable Total MVP Annual Revenue Requirement shall include the MVP Annual Revenue Requirement for an MVP approved during the Second Planning Area's Transition Period that terminates exclusively in the Second Planning Area if the criteria in Section II.B.3 of Attachment FF-6 and the MVP criteria in Attachment FF are not met to warrant allocating a share of the cost of such an MVP to the First Planning Area.

4 Calculation of Attachment MM True-Up Adjustment

Each Transmission Owner utilizing a projected test period for Attachment O shall calculate an annual Attachment MM True-Up Adjustment in accordance with the applicable Attachment MM True-Up Adjustment template.

- (a) The applicable Attachment MM True-Up Adjustment template requires the determination of each Transmission Owner's revenue requirement under this Attachment MM on both a projected basis and an actual basis. The Transmission Owner's projected Attachment MM revenue requirement will be prepared in conformance with its projected Attachment O revenue requirements and the Transmission Owner's actual Attachment MM revenue requirement will be prepared in conformance with its actual Attachment O revenue requirements. Transmission Owners will make supporting information available to any interested party by publicly posting the supporting information on OASIS. The True-Up Adjustment will be deemed to be fully recovered at the end of the calendar year two years after the True-Up Year, which is the year for which the Attachment MM True-Up Adjustment is calculated.

(b) Determination of True-Up Adjustment

As shown on the applicable Attachment MM True-Up Adjustment template, the True-Up Adjustment Principal (Column (h)) for each Transmission Owner is the difference by Project between the actual Attachment MM revenue requirement (Column (g)) and the Actual Attachment MM Revenues (Column (f)) for that Transmission Owner, both excluding any prior True-Up Adjustment, as reported on Page 2 of 2, Column 15 of Attachment MM. As shown on the applicable Attachment MM True-Up Adjustment template, the Actual Attachment MM Revenues excluding prior year True-Up Adjustments are allocated to each Project based on the projected Attachment MM revenue requirement. The Actual Attachment MM Revenues include, but are not limited to, revenues from Schedule 26-A and Schedule 39, together with other schedules that recover the Attachment MM revenue requirement. The True-Up Adjustment Interest (Column (j)) is the True-Up Adjustment Principal multiplied by the applicable interest rate as determined in Section 4(c) below. The True-Up Adjustment for each project (Column (k)) will be the sum of the True-Up Adjustment Principal and the True-Up Adjustment Interest.

The Attachment MM True-Up Adjustment shall be posted to the Transmission Provider's OASIS in the same manner as is applicable to each Transmission Owner's Attachment O True-Up Adjustment.

(c) Determination of Interest Rate

The interest rate for the Attachment MM True-Up Adjustment will be determined in the following manner:

- (i) The provisions of this Section 4(c)(i) shall apply to the following Transmission Owners or ITCs – Ameren Transmission Company of Illinois, Ameren Illinois Company, Northern Indiana Public Service Company, Minnesota Power (and its subsidiary Superior Water, L&P), Otter Tail Power Company, MidAmerican Energy Company, Montana-Dakota Utilities Co., and Central Minnesota Municipal Power Agency. As shown on the template entitled Attachment MM True-Up Adjustment–Aggregate, the interest rate for each Project shall be determined utilizing the interest rate based on the aggregate Under/(Over) Recovery reported on Line 4, Column (h) of the template. The interest rate will be determined in the same manner as the interest calculations applicable to each Transmission Owner’s Attachment O True-Up Procedures.
- (ii) The provisions of this Section 4(c)(ii) shall apply to the following Transmission Owners or ITCs – Great River Energy, International Transmission Company, ITC Midwest LLC, Michigan Electric Transmission Company, LLC., and Northern States Power Company. As shown on the template entitled Attachment MM True-Up Adjustment-Project Basis, interest for each Project shall be determined utilizing the interest rate based on the individual project’s Under(Over) Recovery reported on Line 2x, Column (h) of the template, The interest rate will be determined in the same manner as the interest calculations applicable to each Transmission Owner’s Attachment O True-Up Procedures, with the

exception that the interest rate to be utilized will be determined on an individual Project basis as opposed to the aggregate of all the Projects.

5 The MVP Usage Rate (MUR):

- (a) The MUR is a rate applied to Planning Areas pursuant to Attachment FF, or a rate applied to applicable Planning Area(s) pursuant to Attachment FF-6, and charged via:
- (i) Schedule 26-A to Export Schedules, Through Schedules, and Monthly Net Actual Energy Withdrawals excluding those Monthly Net Actual Energy Withdrawals provided under GFAs, and
 - (ii) Schedule 39 to the Withdrawing Transmission Owners with WTO MNAEW Excluding GFAs as defined in Schedule 39; provided, however, that the MUR shall not be charged to any Export Schedule or Through Schedule for deliveries that sink in the transmission system operated by PJM Interconnection, LLC. Monthly MVP Revenue Requirements are calculated by multiplying the applicable Total MVP Annual Revenue Requirements by a weighting factor that is based on the applicable withdrawals of the applicable month in the prior year divided by the applicable total monthly withdrawals in the prior year. Weighting factors shall be calculated twice a year depending on whether a Transmission Owner calculates its revenue requirements based on historical or forward-looking data. Transmission Owners that determine their revenue requirements based on historical data report their MVP Annual Revenue Requirements in advance of June 1st of each year, while Transmission Owners that use forward-looking data report their MVP Annual Revenue Requirements in advance of January 1st of each year. Weighting factors will be applied to the applicable MVP Annual Revenue Requirements. The applicable monthly MUR is calculated and applied differently to the Planning Area(s) for MVPs

approved before, during, and after the Second Planning Area's Transition Period.

The calculation and applicability for each monthly MUR is described in Section 5.a.i to Section 5.a.vi as follows:

i. The monthly MUR for an MVP approved before or during the Second Planning Area's Transition Period that terminates exclusively in the First Planning Area for the period before and during the Second Planning Area's Transition Period shall be calculated as follows:

(Applicable Total MVP Annual Revenue Requirements * Monthly Withdrawal Weighting Factor) / (Monthly Net Actual Energy Withdrawals in the First Planning Area + monthly Real-Time Export Schedules with an Interchange Schedule Delivery Point at an Interface associated with the First Planning Area (excluding Export Schedules for delivery into the transmission system operated by PJM Interconnection, LLC) + monthly Real-Time Through Schedules with an Interchange Schedule Delivery Point at an Interface associated with the First Planning Area (excluding Through Schedules for deliveries that sink in the transmission system operated by PJM Interconnection, LLC) + Applicable WTO MNAEW Including GFAs as defined in Schedule 39 + MWhs of service provided under GFAs in the First Planning Area)

1. The Monthly Withdrawal Weighting Factor for the MUR calculated in Section 5.a.i is calculated as follows:

Applicable Month Prior Year Withdrawals / Applicable Total Prior Year Withdrawals

The Applicable Month Prior Year Withdrawals in the First Planning Area and Applicable Total Prior Year Withdrawals in the First Planning Area are the

sum of the prior year Monthly Net Actual Energy Withdrawals in the First Planning Area, applicable prior year WTO MNAEW Excluding GFAs as defined in Schedule 39, prior year monthly Real-Time Export Schedules with an Interchange Schedule Delivery Point at an Interface associated with the First Planning Area and prior year monthly Real-Time Through Schedules with an Interchange Schedule Delivery Point at an Interface associated with the First Planning Area for the applicable month and for the entire year, respectively.

2. Except as provided in Section 5.a, the MUR calculated in Section 5.a.i will be charged monthly, in accordance with the Market Settlements Business Practices Manual, to Market Participants with Monthly Net Actual Energy Withdrawals in the First Planning Area, applicable WTO MNAEW Excluding GFAs as defined in Schedule 39, Real-Time Export Schedules with an Interchange Schedule Delivery Point at an Interface associated with the First Planning Area, and Real-Time Through Schedules with an Interchange Schedule Delivery Point at an Interface associated with the First Planning Area.
3. After the Second Planning Area's Transition Period, the above calculation of the MUR shall also apply to MVPs approved before the Second Planning Area's Transition Period that terminate exclusively in the First Planning Area if the criteria in Section II.B.3 of Attachment FF-6 are not met. In addition, after the Second Planning Area's Transition Period, the above calculation of the MUR shall also apply to MVPs approved during the Second Planning

Area's Transition Period that terminate exclusively in the First Planning Area if: (1) the criteria in Section II.B.3 of Attachment FF-6 are not met.; and (2) the MVP criteria of Attachment FF are also not met to warrant allocating a share of the cost of such MVPs to the Second Planning Area. If the applicable MVP criteria of Attachment FF are met, the cost of such MVPs shall be shared with the Second Planning Area pursuant to Attachment FF with the MUR calculated and applied pursuant to Section 5.a.v.

- ii. The monthly MUR for an MVP terminating exclusively in the First Planning Area and part of an approved Combined MVP Portfolio meeting the criteria in Section II.B.3 of Attachment FF-6 shall be calculated after the end of the Second Planning Area's Transition Period as follows:

(Applicable Total MVP Annual Revenue Requirements * Monthly Withdrawal Weighting Factor) / (Monthly Net Actual Energy Withdrawals in the First Planning Area + (Monthly Net Actual Energy Withdrawals in the Second Planning Area * percentage adjustment determined by the applicable year following termination of Second Planning Area's Transition Period pursuant to Section IV.B.5 of Attachment FF-6) + monthly Real-Time Export Schedules with an Interchange Schedule Delivery Points at an Interface associated with the First Planning Area (excluding Export Schedules for delivery into the transmission system operated by PJM Interconnection, LLC) + (monthly Real-Time Export Schedules with an Interchange Schedule Delivery Point at an Interface associated with the Second Planning Area * percentage adjustment determined by the applicable year following termination of Second Planning Area's Transition Period pursuant to Section IV.B.5 of Attachment FF-6

(excluding Export Schedules for delivery into the transmission system operated by PJM Interconnection, LLC)) + monthly Real-Time Through Schedules with an Interchange Schedule Delivery Point at an Interface associated with the First Planning Area (excluding Through Schedules for deliveries that sink in the transmission system operated by PJM Interconnection, LLC) + (monthly Real-Time Through Schedules with an Interchange Schedule Delivery Point at an Interface associated with the Second Planning Area * percentage adjustment determined by the applicable year following termination of the Second Planning Area's Transition Period pursuant to Section IV.B.5 of Attachment FF-6 (excluding Through Schedules for deliveries that sink in the transmission system operated by PJM Interconnection, LLC)) + Applicable WTO MNAEW Including GFAs as defined in Schedule 39 + MWhs of service provided under GFAs in the First Planning Area + (MWhs of service provided under GFAs in the Second Planning Area * percentage adjustment determined by the applicable year following termination of the Second Planning Area's Transition Period pursuant to Section IV.B.5 of Attachment FF-6))

1. The Monthly Withdrawal Weighting Factor for the MUR calculated in Section 5.a.ii is calculated as follows:

Applicable Month Prior Year Withdrawals / Applicable Total Prior Year Withdrawals

The Applicable Month Prior Year Withdrawals and Applicable Total Prior Year Withdrawals are the sum of the prior year Monthly Net Actual Energy Withdrawals in the First Planning Area, adjusted Monthly Net Actual Energy Withdrawals in the Second Planning Area calculated by taking the Monthly Net Actual Energy Withdrawals in the Second Planning Area times the

percentage adjustment determined by the applicable year following termination of the Second Planning Area's Transition Period pursuant to Section IV.B.5 of Attachment FF-6, applicable WTO MNAEW Excluding GFAs as defined in Schedule 39, Real-Time Export Schedules with an Interchange Schedule Delivery Point at an Interface associated with the First Planning Area, adjusted Real-Time Export Schedules with an Interchange Schedule Delivery Point at an Interface associated with the Second Planning Area calculated by taking the Real-Time Export Schedules with an Interchange Schedule Delivery Point at an Interface associated with the Second Planning Area times the percentage adjustment determined by the applicable year following termination of the Second Planning Area's Transition Period pursuant to Section IV.B.5 of Attachment FF-6, Real-Time Through Schedules with an Interchange Schedule Delivery Point at an Interface associated with the First Planning Area, and adjusted Real-Time Through Schedules with an Interchange Schedule Delivery Point at an Interface associated with the Second Planning Area calculated by taking the Real-Time Through Schedules with an Interchange Schedule Delivery Point at an Interface associated with the Second Planning Area times the percentage adjustment determined by the applicable year following termination of the Second Planning Area's Transition Period pursuant to Section IV.B.5 of Attachment FF-6 for the applicable month and for the entire year, respectively.

2. Except as provided in Section 5.a, the MUR calculated in Section 5.a.ii will be charged monthly, in accordance with the Market Settlements Business Practices Manual, to Market Participants with Monthly Net Actual Energy Withdrawals in the First Planning Area, Monthly Net Actual Energy Withdrawals in the Second Planning Area adjusted by taking the Monthly Net Actual Energy Withdrawals in the Second Planning Area times the percentage adjustment determined by the applicable year following termination of the Second Planning Area's Transition Period pursuant to Section IV.B.5 of Attachment FF-6, applicable WTO MNAEW Excluding GFAs as defined in Schedule 39, Real-Time Export Schedules with an Interchange Schedule Delivery Point at an Interface associated with the First Planning Area, Real-Time Export Schedules with an Interchange Schedule Delivery Point at an Interface associated with the Second Planning Area adjusted by taking the Real-Time Export Schedules with an Interchange Schedule Delivery Point at an Interface associated with the Second Planning Area times the percentage adjustment determined by the applicable year following termination of the Second Planning Area's Transition Period pursuant to Section IV.B.5 of Attachment FF-6, Real-Time Through Schedules with an Interchange Schedule Delivery Point at an Interface associated with the First Planning Area, and Real-Time Through Schedules with an Interchange Schedule Delivery Point at an Interface associated with the Second Planning Area adjusted by taking the Real-Time Through Schedules with an Interchange Schedule Delivery Point at an Interface

associated with the Second Planning Area times the percentage adjustment determined by the applicable year following termination of the Second Planning Area's Transition Period pursuant to Section IV.B.5 of Attachment FF-6.

iii. The monthly MUR for an MVP terminating exclusively in the Second Planning Area and part of an approved Combined MVP Portfolio meeting the criteria in Section II.B.3 of Attachment FF-6 shall be calculated after the end of the Second Planning Area's Transition Period as follows:

(Applicable Total MVP Annual Revenue Requirements * Monthly Withdrawal Weighting Factor) / ((Monthly Net Actual Energy Withdrawals in the First Planning Area * percentage adjustment determined by the applicable year following termination of the Second Planning Area's Transition Period pursuant to Section IV.B.4 of Attachment FF-6) + Monthly Net Actual Energy Withdrawals in the Second Planning Area + (monthly Real-Time Export Schedules with an Interchange Schedule Delivery Point at an Interface associated with the First Planning Area * percentage adjustment determined by the applicable year following termination of the Second Planning Area's Transition Period pursuant to Section IV.B.4 of Attachment FF-6 (excluding Export Schedules for delivery into the transmission system operated by PJM Interconnection, LLC)) + monthly Real-Time Export Schedules with an Interchange Schedule Delivery Point at an Interface associated with the Second Planning Area (excluding Export Schedules for delivery into the transmission system operated by PJM Interconnection, LLC) + (monthly Real-Time Through Schedules with an Interchange Schedule Delivery Point at an Interface associated with the First

Planning Area * percentage adjustment determined by the applicable year following termination of the Second Planning Area's Transition Period pursuant to Section IV.B.4 of Attachment FF-6 (excluding Through Schedules for deliveries that sink in the transmission system operated by PJM Interconnection, LLC)) + monthly Real-Time Through Schedules with an Interchange Schedule Delivery Point at an Interface associated with the Second Planning Area (excluding Through Schedules for deliveries that sink in the transmission system operated by PJM Interconnection, LLC) + Applicable WTO MNAEW Including GFAs as defined in Schedule 39 + (MWhs of service provided under GFAs in the First Planning Area * percentage adjustment determined by the applicable year following termination of the Second Planning Area's Transition Period pursuant to Section IV.B.4 of Attachment FF-6) + MWhs of service provided under GFAs in the Second Planning Area)

1. The Monthly Withdrawal Weighting Factor for the MUR calculated in Section 5.a.iii is calculated as follows:

Applicable Month Prior Year Withdrawals / Applicable Total Prior Year Withdrawals

The Applicable Month Prior Year Withdrawals and Applicable Total Prior Year Withdrawals are the sum of the prior year adjusted Monthly Net Actual Energy Withdrawals in the First Planning Area calculated by taking the Monthly Net Actual Energy Withdrawals in the First Planning Area times the percentage adjustment determined by the applicable year following termination of the Second Planning Area's Transition Period pursuant to Section IV.B.4 of Attachment FF-6, Monthly Net Actual Energy Withdrawals in the Second Planning Area, applicable WTO MNAEW Excluding GFAs as

defined in Schedule 39, adjusted Real-Time Export Schedules with an Interchange Schedule Delivery Point at an Interface associated with the First Planning Area calculated by taking the Real-Time Export Schedules with an Interchange Schedule Delivery Point at an Interface associated with the First Planning Area times the percentage adjustment determined by the applicable year following termination of the Second Planning Area's Transition Period pursuant to Section IV.B.4 of Attachment FF-6, Real-Time Export Schedules with an Interchange Schedule Delivery Point at an Interface associated with the Second Planning Area, adjusted Real-Time Through Schedules with an Interchange Schedule Delivery Point at an Interface associated with the First Planning Area calculated by taking the Real-Time Through Schedules with an Interchange Schedule Delivery Point at an Interface associated with the First Planning Area times the percentage adjustment determined by the applicable year following termination of the Second Planning Area's Transition Period pursuant to Section IV.B.4 of Attachment FF-6, and Real-Time Through Schedules with an Interchange Schedule Delivery Point at an Interface associated with the Second Planning Area for the applicable month and for the entire year, respectively.

2. Except as provided in Section 5.a, the MUR calculated in Section 5.a.iii will be charged monthly, in accordance with the Market Settlements Business Practices Manual, to Market Participants with Monthly Net Actual Energy Withdrawals in the First Planning Area adjusted by taking the Monthly Net Actual Energy Withdrawals in the First Planning Area times the percentage

adjustment determined by the applicable year following termination of the Second Planning Area's Transition Period pursuant to Section IV.B.4 of Attachment FF-6, Monthly Net Actual Energy Withdrawals in the Second Planning Area, applicable WTO MNAEW Excluding GFAs as defined in Schedule 39, Real-Time Export Schedules with an Interchange Schedule Delivery Point at an Interface associated with the First Planning Area adjusted by taking the Real-Time Export Schedules with an Interchange Schedule Delivery Point at an Interface associated with the First Planning Area times the percentage adjustment determined by the applicable year following termination of the Second Planning Area's Transition Period pursuant to Section IV.B.4 of Attachment FF-6, Real-Time Export Schedules with an Interchange Schedule Delivery Point at an Interface associated with the Second Planning Area, Real-Time Through Schedules with an Interchange Schedule Delivery Point at an Interface associated with the First Planning Area adjusted by taking the Real-Time Through Schedules with an Interchange Schedule Delivery Point at an Interface associated with the First Planning Area times the percentage adjustment determined by the applicable year following termination of the Second Planning Area's Transition Period pursuant to Section IV.B.4 of Attachment FF-6, and Real-Time Through Schedules with an Interchange Schedule Delivery Point at an Interface associated with the Second Planning Area.

iv. For an MVP approved during the Second Planning Area's Transition Period that terminates in both Planning Areas, the monthly MUR during and after the Second Planning Area's Transition Period shall be calculated as follows:

(Applicable Total MVP Annual Revenue Requirements * Monthly Withdrawal Weighting Factor) / (Monthly Net Actual Energy Withdrawals + monthly Real-Time Export Schedules (excluding Export Schedules for delivery into the transmission system operated by PJM Interconnection, LLC) + monthly Real-Time Through Schedules (excluding Through Schedules for deliveries that sink in the transmission system operated by PJM Interconnection, LLC) + Applicable WTO MNAEW Including GFAs as defined in Schedule 39 + MWhs of service provided under GFAs)

1. The Monthly Withdrawal Weighting Factor for the MUR calculated in Section 5.a.iv is calculated as follows:

Applicable Month Prior Year Withdrawals/ Applicable Total Prior Year Withdrawals

The Applicable Month Prior Year Withdrawals and Applicable Total Prior Year Withdrawals are the sum of the prior year Monthly Net Actual Energy Withdrawals, applicable prior year WTO MNAEW Excluding GFAs as defined in Schedule 39, prior year monthly Real-Time Export Schedules and prior year monthly Real-Time Through Schedules for the applicable month and for the entire year, respectively.

2. Except as provided in Section 5.a, the MUR calculated in Section 5.a.iv will be charged monthly, in accordance with the Market Settlements Business Practices Manual, to Market Participants with Monthly Net Actual Energy

Withdrawals, applicable WTO MNAEW Excluding GFAs as defined in Schedule 39, Real-Time Export Schedules, and Real-Time Through Schedules.

- v. For an MVP approved after the Second Planning Area's Transition Period or for an MVP approved during the transition period that terminates exclusively in the First Planning Area or the Second Planning Area and is shown to meet the MVP criteria in Attachment FF for the First and Second Planning Area but not the criteria in Section II.B.3 of Attachment FF-6, the monthly MUR shall be calculated after the end of the Second Planning Area's Transition Period as follows:

(Applicable Total MVP Annual Revenue Requirements * Monthly Withdrawal Weighting Factor) / (Monthly Net Actual Energy Withdrawals + monthly Real-Time Export Schedules (excluding Export Schedules for delivery into the transmission system operated by PJM Interconnection, LLC) + monthly Real-Time Through Schedules (excluding Through Schedules for deliveries that sink in the transmission system operated by PJM Interconnection, LLC) + Applicable WTO MNAEW Including GFAs as defined in Schedule 39 + MWhs of service provided under GFAs)

1. The Monthly Withdrawal Weighting Factor for the MUR calculated in Section 5.a.v is calculated as follows:

Applicable Month Prior Year Withdrawals/ Applicable Total Prior Year Withdrawals

The Applicable Month Prior Year Withdrawals and Applicable Total Prior Year Withdrawals are the sum of the prior year Monthly Net Actual Energy Withdrawals, applicable prior year WTO MNAEW Excluding GFAs as

defined in Schedule 39, prior year monthly Real-Time Export Schedules and prior year monthly Real-Time Through Schedules for the applicable month and for the entire year, respectively.

2. Except as provided in Section 5.a, the MUR calculated in Section 5.a.v will be charged monthly, in accordance with the Market Settlements Business Practices Manual, to Market Participants with Monthly Net Actual Energy Withdrawals, applicable WTO MNAEW Excluding GFAs as defined in Schedule 39, Real-Time Export Schedules, and Real-Time Through Schedules.

vi. The monthly MUR applicable to: 1) the period during the Second Planning Area's Transition Period for an MVP approved during the Second Planning Area's Transition Period that terminates exclusively in the Second Planning Area; and 2) the period after the Second Planning Area's Transition Period for an MVP approved during the Second Planning Area's Transition Period that terminates exclusively in the Second Planning Area if the criteria in Section II.B.3 of Attachment FF-6 and the MVP criteria in Attachment FF are not met to warrant allocating a share of the cost of such an MVP to the Second Planning Area, shall be calculated as follows:

(Applicable Total MVP Annual Revenue Requirements * Monthly Withdrawal Weighting Factor) / (Monthly Net Actual Energy Withdrawals in the Second Planning Area + monthly Real-Time Export Schedules with an Interchange Schedule Delivery Point at an Interface associated with the Second Planning Area (excluding Export Schedules for deliveries that sink in the transmission system operated by PJM Interconnection, LLC) + monthly Real-Time Through Schedules with an Interchange

Schedule Delivery Point at an Interface associated with the Second Planning Area (excluding Through Schedules for deliveries that sink in the transmission system operated by PJM Interconnection, LLC) + Applicable WTO MNAEW Including GFAs as defined in Schedule 39 + MWhs of service provided under GFAs in the Second Planning Area)

1. The Monthly Withdrawal Weighting Factor for the MUR calculated in Section 5.a.vi is calculated as follows:

Applicable Month Prior Year Withdrawals / Applicable Total Prior Year Withdrawals

The Applicable Month Prior Year Withdrawals in the Second Planning Area and Applicable Total Prior Year Withdrawals in the Second Planning Area are the sum of the prior year Monthly Net Actual Energy Withdrawals in the Second Planning Area, applicable prior year WTO MNAEW Excluding GFAs as defined in Schedule 39, prior year monthly Real-Time Export Schedules with an Interchange Schedule Delivery Point at an Interface associated with the Second Planning Area and prior year monthly Real-Time Through Schedules with an Interchange Schedule Delivery Point at an Interface associated with the Second Planning Area for the applicable month and for the entire year, respectively.

2. Except as provided in Section 5.a, the MUR calculated in Section 5.a.vi will be charged monthly, in accordance with the Market Settlements Business Practices Manual, to Market Participants with Monthly Net Actual Energy Withdrawals in the Second Planning Area, applicable WTO MNAEW Excluding GFAs as defined in Schedule 39, Real-Time Export Schedules with

an Interchange Schedule Delivery Point at an Interface associated with the Second Planning Area, and Real-Time Through Schedules with an Interchange Schedule Delivery Point at an Interface associated with the Second Planning Area.

(b) Revenue collected through the MUR will be distributed in accordance with Schedule 26-A.

6 Nothing contained in this Attachment MM shall limit the right of a Transmission Owner and/or ITC under Section 205 of the Federal Power Act and consistent with the ISO Agreement to file with the Commission individually and unilaterally to recover the cost of a MVP in a manner other than that specified in this Attachment MM, including, but not limited to recover rate incentives not specified herein and to recover the cost of MVPs through its pricing zone rates under Schedules 7, 8, and 9 as calculated pursuant to Attachment O.

Formula Rate calculation

Rate Formula Template
Utilizing Attachment O Data

Attachment MM-Generic Company
For the 12 months ended 12/31/___

Page 1 of 2

Company Name

To be completed in conjunction with Attachment O.
(inputs from Attachment O are rounded to whole dollars)

(1)	(2)	(3)	(4)
Line No.	Attachment O Page, Line, Col.	Transmission	Allocator
1	Gross Transmission Plant - Total	0	
1a	Transmission Accumulated Depreciation	0	
2	Net Transmission Plant - Total	0	
O&M TRANSMISSION EXPENSE			
3	Total O&M Allocated to Transmission	0	
3a	Transmission O&M	0	
3b	Less: LSE Expenses included in above, if any	0	
3c	Less: Account 565 included in above, if any	0	
3d	Adjusted Transmission O&M	0	
4	Annual Allocation Factor for Transmission O&M (line 3d divided by line 1a, col 3) (Note I)	0.00%	0.00%
OTHER O&M EXPENSE			
4a	Other O&M Allocated to Transmission	0	
4b	Annual Allocation Factor for Other O&M	0.00%	0.00%
GENERAL AND COMMON (G&C) DEPRECIATION EXPENSE			
5	Total G&C Depreciation Expense	0	
6	Annual Allocation Factor for G&C Depreciation Expense	0.00%	0.00%
TAXES OTHER THAN INCOME TAXES			
7	Total Other Taxes	0	
8	Annual Allocation Factor for Other Taxes	0.00%	0.00%
9	Annual Allocation Factor for Other Expense Sum of lines 4b, 6 and 8		0.00%
INCOME TAXES			
10	Total Income Taxes	0	
11	Annual Allocation Factor for Income Taxes	0.00%	0.00%
RETURN			
12	Return on Rate Base	0	
13	Annual Allocation Factor for Return on Rate Base	0.00%	0.00%
14	Annual Allocation Factor for Return Sum of line 11 and 13		0.00%

Company Name

Multi-Value Project (MVP) Revenue Requirement Calculation

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Line No.	Project Name	MTEP Project Number	Project Gross Plant	Project Accumulated Depreciation	Transmission O&M Annual Allocation Factor	Other Annual Allocation for Transmission O&M Expense Factor	Annual Expense Allocation for Other Expense	Annual Expense Charge	Project Net Plant	Annual Allocation Factor for Return	Annual Return Charge	Project Depreciation Expense	Annual Revenue Requirement	True-Up Adjustment	MVP Annual Adjusted Revenue Requirement
			(Note C)	Page 1 line 4	(Col 4 * Col 5)	Page 1 line 9	(Col 3 * Col 7)	Col(6)+ Col(8)	(Col 3- Col 4)	(Page 1 line 14)	(Col 10 * Col 11)	(Note E)	(Sum Col 9, 12 & 13)	(Note F)	Sum Col. 14 & 15 (Note G)

Multi-Value Projects (MVP)

1a	Project 1	P1	\$0	\$0	0.00%	\$0	0.00%	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	\$0
1b	Project 2	P2	\$0	\$0	0.00%	\$0	0.00%	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	\$0
1c	Project 3	P3	\$0	\$0	0.00%	\$0	0.00%	\$0	\$0	\$0	0.00%	\$0	\$0	\$0	\$0	\$0

2	MVP Total Annual Revenue Requirements												0	0	0
3	Rev. Req. Adj For Attachment O												0		

Note

Letter

- A Gross Transmission Plant is that identified on page 2 line 2 of Attachment O and includes any sub lines 2a or 2b etc. and is inclusive of any CWIP included in rate base when authorized by FERC order less any prefunded AFUDC, if applicable. References to Attachment O "Column 5" throughout this template is an illustrative column designation intended to reference the appropriate right-most column in Attachment O which position may vary by company.
- B Net Transmission Plant is that identified on page 2 line 14 of Attachment O and includes any sub lines 14a or 14b etc. and is inclusive of any CWIP included in rate base when authorized by FERC order.
- C Project Gross Plant is the total capital investment for the project calculated in the same method as the gross plant value in line 1 and includes CWIP in rate base when authorized by FERC order less any prefunded AFUDC, if applicable. This value includes subsequent capital investments required to maintain the facilities to their original capabilities.
- D Note deliberately left blank.
- E Project Depreciation Expense is the actual value booked for the project and included in the Depreciation Expense in Attachment O page 3 line 12.
- F True-Up Adjustment is included pursuant to a FERC approved methodology, if applicable.
- G The MVP Annual Revenue Requirement is the value to be used in Schedules 26-A and 39.
- H The Total General and Common Depreciation Expense excludes any depreciation expense directly associated with a project and thereby included in page 2 column 13.
- I For Transmission Owners using an Attachment O based on either EIA Form 412 Cash Flow or RUS Form 12 Cash Flow, the Annual Allocation Factor for Transmission O& M shall be line 3 divided by line 1, col 3 of the Attachment MM template.

Table 1

Cross Reference to Attachment O for Completion of Attachment MM

	Attachment MM	FERC Form 1	EIA Form 412 Non-Levelized	EIA Form 412 Cash Cash Flow	RUS Form 12 Non-Levelized	RUS Form 12 Cash Flow
Gross Transmission Plant	page 1, line 1, col 3	page 2, line 2, col 5	page 2, line 2, col 5	page 3, line 2, col 5	page 2, line 2, col 5	page 3, line 2, col 5
Net Transmission Plant*	page 1, line 2, col 3	page 2, line 14, col 5	page 2, line 14, col 5	page 3, line 2, col 5	page 2, line 14, col 5	page 3, line 2, col 5
O&M Expense	page 1, line 3, col 3	page 3, line 8, col 5	page 3, line 8, col 5	page 2, line 8, col 5	page 3, line 8, col 5	page 2, line 8, col 5
General and Common Depreciation Expense	page 1, line 5, col 3	page 3, lines 10 & 11, col 5	page 3, lines 10 & 11, col 5	N/A N/A	page 3, lines 10 & 11, col 5	N/A N/A
Taxes Other Than Income Taxes**	page 1, line 7, col 3	page 3, line 20, col 5	page 3, line 20, col 5	page 2, line 19, col 5	page 3, line 20, col 5	page 2, line 19, col 5
Total Income Taxes	page 1, line 10, col 3	page 3, line 27, col 5	page 3, line 27, col 5	N/A N/A	page 3, line 27, col 5	N/A N/A
Return on Rate Base***	page 1, line 12, col 3	page 3, line 28, col 5	page 3, line 28, col 5	page 2, line 11, col 5 and page 2, line 21, col 5	page 3, line 28, col 5	page 2, line 11, col 5 and page 2, line 21, col 5

Note: *The Net Transmission Plant for Transmission Owners using an Attachment O based on either EIA Form 412 Cash Flow or RUS Form 12 Cash Flow shall use their Gross Transmission Plant from page 3, line 2, column 5 for a Net Transmission Plant value. These two Attachment Os do not allow for the recovery of depreciation expense nor do they decrement rate base for accumulated depreciation, therefore to maintain a consistent methodology between Attachment O and Attachment MM no depreciation expense would be recovered under Attachment MM nor would any accumulated depreciation be included in the calculation of the Net Transmission Plant balances.

Note: **The Taxes Other Than Income Taxes for SMMPA's EIA Form 412 Cash Flow shall use page 2, line 20, col 5.

Note: ***The Return on Rate Base for SMMPA's EIA Form 412 Cash Flow Attachment O shall use page 2, line 12, col 5 and page 2, line 22, col 5.

Attachment MM True-Up Adjustment – Project Basis

To be completed after the Attachment MM using actual data is complete for the True-Up Year

Company Name:

True-Up Year:

Note:

(a) Line No.	(b) Project Name	(c) MTEP Project Number	(d) Actual Attachment MM Revenues	(e) Projected Annual Revenue Requirement ¹ Projected Attachment MM p 2 of 2, Col. 14 ²	(f) Actual Attachment MM Revenues Allocated to Projects ¹ [Col. (d), line 1 x (Col. (e), line 2x / Col. (e), line 3)] ²	(g) Actual Annual Revenue Requirement ¹ Actual Attachment MM p 2 of 2, Col. 14 ²	(h) True-Up Adjustment Principal Under/(Over) Col. (g) - Col. (f)	(i) Applicable Interest Rate on Under/(Over) (Line 5 or Line 6)	(j) True-Up Adjustment Interest Under/(Over) Col. (h) x Col. (i) x 24 months ²	(k) Total True-Up Adjustment Col. (h) + Col. (j)
1	Actual Attachment MM revenues for True-up year 1		0							
2a	Project Name #1	MISO#1 1001		0	0	0	0	0.00%	0	0
2b	Project Name #2	MISO#2 1002		0	0	0	0	0.00%	0	0
2c	Project Name #3	MISO#3 1003		0	0	0	0	0.00%	0	0
2d										
2e										
2f										
2g										
2h										
2i										
3	Subtotal		0	0	0					
4	Under/(Over) Recovery						0		0	0
5	Interest rate per month on Under Recovery (expressed to four decimal places)							0.00%		
6	Interest rate per month on Over Recovery (expressed to four decimal places)							0.00%		

¹ Amount excludes True-Up Adjustment, as reported in True -Up Year projected Attachment MM, page 2, column 15.
² Rounded to whole dollars.

Attachment MM True-Up Adjustment – Aggregate
 To be completed after the Attachment MM using actual data is complete for the True-Up Year

Company Name:

True-Up Year:

Note:

(a) Line Up No.	(b) Project Name Applicable Adjustment Principal Under/(Over)	(c) MTEP True-Up Project Interest Number Rate on Under/(Over)	(d) Actual Total Attachment MM Adjustment Revenues Interest Under/(Over)	(e) Projected Annual True-Up Revenue Adjustment Requirement ¹ Under/(Over)	(f) Actual Attachment MM Revenues Allocated to Projects ¹ [Col. (d), line 1 x (Col. (e), line 2x / Col. (e), line 3)] ²	(g) Actual Annual Revenue Requirement ¹ Actual Attachment MM p 2 of 2, Col. 14 ²	(h) True- Col. g -	(i)
Col. f	(Line 5)	Col. h x Col. i		Projected Col. h + Col. j Attachment MM p 2 of 2, Col. 14 ²				
1	Actual Attachment MM revenues for True-up year 1	0						
2a	Project Name #1	MISO#1 1001		0	0	0	0	0.00%
2b	Project Name #2	MISO#2 1002		0	0	0	0	0.00%
2c	Project Name #3	MISO#3 1003		0	0	0	0	0.00%
2d								
2e								
2f								
2g								
2h								
2i								
3	Subtotal			0	0	0		
4	Under/(Over) Recovery						0	
5	Applicable Interest rate per month (expressed to four decimal places)							0.00%

¹ Amount excludes True-Up Adjustment, as reported in True -Up Year projected Attachment MM, page 2, column 15.
² Rounded to whole dollars.

MISO
FERC Electric Tariff
ATTACHMENTS

ATTACHMENT MM
Multi-Value Project Charge (MVP Charge)
~~10.0.0~~, 30.0.0

ATTACHMENT MM-ATXI

MULTI-VALUE PROJECT CHARGE (“MVP Charge”)

1 Multi-Value Projects:

This Attachment MM-ATXI sets forth the method for collecting the charges associated with Multi-Value Projects (MVPs) and for distributing the revenues associated with such charges in accordance with Schedules 26-A and 39. This Attachment MM-ATXI applies to those MVPs that are determined under Attachment FF to be subject to this Attachment MM-ATXI that are not subject to the cost recovery provisions of Attachment N. The charges under this Attachment MM shall be in addition to any charges under Schedules 7, 8, 9, 26, 37 and 38.

2 Multi-Value Projects Annual Revenue Requirements (“MVP Revenue Requirements”):

- (a) Each year, in accordance with the provisions of Attachment FF, the Transmission Provider shall publish a cumulative list of all eligible MVPs by Transmission Owner and/or ITC by Project in Appendix A of the MTEP.
- (b) The revenue requirement for each MVP shall be the annual revenue requirement as computed in Section 3 below. In conjunction with providing its annual Attachment O-ATXI, ATXI shall furnish to the Transmission Provider its annual revenue requirement for each MVP subject to this Attachment MM-ATXI as calculated in Section 3 below.
- (c) For purposes of preparing the Attachment MM-ATXI, ATXI must utilize the same test period that is utilized in the preparation of its Attachment O-ATXI.

- (d) Projects included in Attachment MM-ATXI must be in-service prior to or during the test period indicated in (c) above. If ATXI receives FERC approval to include specific MVP projects that are recorded in construction work in progress (CWIP) but not yet in-service in the annual revenue requirement calculation, those projects may be included in Attachment MM-ATXI provided ATXI supplies the Transmission Provider with evidence of FERC approval.
- (e) In order to prevent over recovery of Attachment O-ATXI revenue, the revenue requirement calculated pursuant to Attachment MM-ATXI (excluding any True-Up Adjustment) will be subtracted by ATXI from its Attachment O-ATXI revenue requirement.
- (f) ATXI shall determine its projected MVP Revenue Requirement for the following year concurrently with the preparation of its associated Attachment O-ATXI.
- (g) ATXI shall make available to any interested party by publicly posting on OASIS its projected MVP Revenue Requirement, including all inputs in sufficient detail to identify the components of its revenue requirement for Attachment MM-ATXI, including any amounts representing a True-Up Adjustment, concurrently when it publicly posts on OASIS its projected revenue requirement for Attachment O.
- (h) A Project's True-Up Adjustment will be added to its individual projected Attachment MM-ATXI revenue requirement. The Attachment MM-ATXI True-Up Adjustment will be calculated as specified in Section 4 of this Attachment MM-ATXI.

3 Calculation of the MVP Annual Revenue Requirement:

- (a) The MVP Annual Revenue Requirement shall be calculated as follows:

- i. Annual Allocation Factors shall be calculated for the following seven (7) cost of service elements, expressed as a percentage, using the formulae included in this Attachment MM-ATXI which utilizes select entries from the currently effective Attachment O-ATXI:
 - 1) Transmission Operation and Maintenance Expense
 - 2) Other Operation and Maintenance Expense
 - 3) General and Common Depreciation Expense
 - 4) Taxes Other Than Income Taxes
 - 5) Income Taxes
 - 6) Return
 - 7) Hypothetical Capital Structure (HCS) Return
- ii. Subsections (iii) through (xi) describe the calculation of the Annual Allocation Factors using references to the Attachment O-ATXI.
- iii. The Annual Allocation Factor for Transmission Operation and Maintenance shall be determined by dividing the sum of Attachment O-ATXI, Page 3, Line 1, Column 5 minus Attachment O-ATXI, Page 3, Line 1a, Column 5, if any, minus Attachment O-ATXI, Page 3, Line 2, Column 5, if any, by the amount of Transmission Accumulated Depreciation included on Attachment O-ATXI, Page 2, Line 8, Column 5.
- iv. The Annual Allocation Factor for Other Operation and Maintenance shall be determined by dividing the sum of the amount included on Attachment O-ATXI,

Page 3, Line 8, Column 5 minus the Adjusted Transmission O&M amount calculated in (iii) above and reflected on Attachment MM-ATXI Page 1, Line 3d by the amount of Gross Transmission Plant In-Service included on Attachment O-ATXI, Page 2, Line 2, Column 5. The Gross Transmission Plant In-Service shall include any CWIP included in Rate Base when authorized by FERC order less any prefunded AFUDC, if applicable.

- v. The Annual Allocation Factor for General and Common Depreciation Expense shall be determined by dividing the amount included on Attachment O-ATXI, Page 3, Lines 10 & 11, Column 5 by the amount of Gross Transmission Plant In-Service included on Attachment O-ATXI, Page 2, Line 2, Column 5. The Gross Transmission Plant In-Service shall include any CWIP included in Rate Base when authorized by FERC order less any prefunded AFUDC, if applicable.
- vi. The Annual Allocation Factor for Other Taxes shall be determined by dividing the amount included on Attachment O-ATXI, Page 3, Line 20, Column 5 by the amount of Gross Transmission Plant In-Service included on Attachment O-ATXI, Page 2, Line 2, Column 5. The Gross Transmission Plant In-Service shall include any CWIP included in Rate Base when authorized by FERC order less any prefunded AFUDC, if applicable.
- vii. The Annual Allocation Factor for Other Expense shall be the sum of (iv), (v) and (vi) above.
- viii. The Annual Allocation Factor for Income Tax shall be determined by dividing the amount included on Attachment O-ATXI, Page 3, Line 27, Column 5 by the amount included for the Net Transmission Plant In-Service Attachment MM-

ATXI, Page 1, Line 2. The Net Transmission Plant In-Service shall include any CWIP included in Rate Base when authorized by FERC order less any prefunded AFUDC, if applicable.

- ix. The Annual Allocation Factor for Return on Rate Base shall be determined by dividing the amount included on Attachment O-ATXI, Page 3, Line 28, Column 5 by the amount of Net Transmission Plant In-Service included on Attachment MM-ATXI, Page 1, Line 2. The Net Transmission Plant In-Service shall include any CWIP included in Rate Base when authorized by FERC order less any prefunded AFUDC, if applicable.
- x. The Annual Allocation Factor for Return shall be the sum of (viii) and (ix) above.
- xi. The Annual Allocation Factor HCS Return shall be the amount included on Attachment O-ATXI, Page 4, Line 30e.
- xii. The MVP Annual Revenue Requirement for each individual Project subject to this Attachment MM-ATXI shall be the sum of (a) Annual Expense Charge, (b) Annual Return Charge, (c) Project Depreciation Expense, and (d) any applicable True-Up Adjustment, where:
 - 1) Annual Expense Charge equals the sum of (a) the Project's Accumulated Depreciation multiplied by the Annual Allocation Factor for Transmission Operation and Maintenance calculated in (iii) above, and (b) the Project's Gross Plant multiplied by the Annual Allocation Factor For Other Expense calculated in (vii) above;

- 2) Annual Return Charge equals the Project's Net Plant multiplied by the sum of the Annual Allocation Factor for Return calculated in (x) above plus the Annual Allocation Factor HCS Return, if applicable as described in (xi) above;
- 3) Depreciation Expense equals the actual value booked, or projected to be booked for forward-looking rate periods, for the Project and included in Attachment O-ATXI, Page 3, Line 12, Column 5;
- 4) True-Up Adjustment equals any applicable Attachment MM-ATXI true-up amount calculated under Section 4 of this Attachment MM-ATXI; and
- 5) The Project's Gross Plant and Net Plant values shall be the respective balances for the facilities comprising the Project as incorporated in the Gross Plant values from Attachment O-ATXI as identified in (iv), (v) and (vi) above and Net Plant values from Attachment MM-ATXI as identified in (viii) and (ix) above. These balances shall reflect any retirements or subsequent like kind replacements associated with the ongoing maintenance of the facilities identified in the project.

xiii. Each individual Project shall be identified separately as a sub-row of Line 1 on Page 2 of the Attachment MM -ATXI template attached, to be identified as Line 1a, 1b, etc. The ATXI shall add additional sub-rows to Line 1 as needed to accommodate additional Projects.

4. Calculation of True-Up Adjustment:

ATXI shall calculate its True-Up Adjustment as set forth in Attachment MM, Section 4.

5 The MVP Usage Rate (MUR):

The MUR is a MISO system-wide rate charged via Schedule 26-A. The revenue requirements used to derive the MUR are the aggregate of the revenue requirements of each Transmission Owner's pro forma Attachment MM or company-specific Attachment MM, including Attachment MM-ATXI. As the MUR is a single, MISO system-wide rate, please refer to Section 4 of the pro forma Attachment MM for a complete description and application of the development of the MUR.

- 6** Nothing contained in this Attachment MM-ATXI shall limit the right of a ATXI under Section 205 of the Federal Power Act and consistent with the ISO Agreement to file with the Commission individually and unilaterally to recover the cost of a MVP in a manner other than that specified in this Attachment MM-ATXI, including, but not limited to recover rate incentives not specified herein and to recover the cost of MVPs through its pricing zone rates under Schedules 7, 8, and 9 as calculated pursuant to Attachment O-ATXI.

Attachment MM-ATXI
For the 12 months ended 12/31/____
Utilizing Attachment O Data

Formula Rate calculation

Rate Formula Template

ATXI

To be completed in conjunction with Attachment O-ATXI.
(inputs from Attachment O are rounded to whole dollars)

Line No.	(1)	(2) Attachment O Page, Line, Col.	(3) Transmission	(4) Allocator
1	Gross Transmission Plant - Total	Attach O, p 2, line 2 + 18a col 5 (Note A)	0	
1a	Transmission Accumulated Depreciation	Attach O, p 2, line 8 col 5	0	
2	Net Transmission Plant - Total	Line 1 minus Line 1a (Note B)	0	
O&M TRANSMISSION EXPENSE				
3	Total O&M Allocated to Transmission	Attach O, p 3, line 8 col 5	0	
3a	Transmission O&M	Attach O, p 3, line 1 col 5	0	
3b	Less: LSE Expenses included in above, if any	Attach O, p 3, line 1a col 5, if any	0	
3c	Less: Account 565 included in above, if any	Attach O, p 3, line 2 col 5, if any	0	
3d	Adjusted Transmission O&M	Line 3a minus Line 3b minus Line 3c	0	
4	Annual Allocation Factor for Transmission O&M	(line 3d divided by line 1a, col 3)	0.00%	0.00%
OTHER O&M EXPENSE				
4a	Other O&M Allocated to Transmission	Line 3 minus Line 3d	0	
4b	Annual Allocation Factor for Other O&M	Line 4a divided by Line 1, col 3	0.00%	0.00%
GENERAL AND COMMON (G&C) DEPRECIATION EXPENSE				
5	Total G&C Depreciation Expense	Attach O, p 3, lines 10 & 11, col 5 (Note H)	0	
6	Annual Allocation Factor for G&C Depreciation Expense	(line 5 divided by line 1, col 3)	0.00%	0.00%
TAXES OTHER THAN INCOME TAXES				
7	Total Other Taxes	Attach O, p 3, line 20 col 5	0	
8	Annual Allocation Factor for Other Taxes	(line 7 divided by line 1, col 3)	0.00%	0.00%
9	Annual Allocation Factor for Other Expense	Sum of lines 4b, 6 and 8		0.00%
INCOME TAXES				
10	Total Income Taxes	Attach O, p 3, line 27 col 5	0	
11	Annual Allocation Factor for Income Taxes	(line 10 divided by line 2, col 3)	0.00%	0.00%
RETURN				
12	Return on Rate Base (Note I)	Attach O, p 3, line 28 col 5	0	
13	Annual Allocation Factor for Return on Rate Base	(line 12 divided by line 2, col 3)	0.00%	0.00%
14	Annual Allocation Factor for Return	Sum of line 11 and 13		0.00%

HYPOTHETICAL CAPITAL STRUCTURE (HCS) RETURN

15	Annual Allocation Factor HCS Return (Note J)	Attach O, p 4, line 30e	0.00%	0.00%
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Formula Rate calculation

Utilizing Attachment O Data

Rate Formula Template

ATXI

Multi-Value Project (MVP) Revenue Requirement Calculation

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
(11)	(11a)	(12)	(13)	(14)	(15)	(16)				
Line No.	Project Annual Name Allocation Factor for Return	MTEP Annual Project Allocation Number for HCS Return	Project Annual Gross Return Plant Charge	Project Accumulated Depreciation Expense	Transmission Annual O&M Revenue Requirement Allocation Factor	Annual Allocation for Transmission O&M Expense	Other True-Up Expense Adjustment Annual Allocation	Annual MVP Annual Allocation Adjusted for Other Revenue Expense	Annual Expense Charge	Project Net Plant
(Page 1 line 14)	(Page 1 line 15) (Note J)	(Note C) (Col 10 *) (Col 11+11a)	(Note E)	Page 1 line 4 (Sum)	(Col 4 * Col 5) (Note F)	Page 1 line 9 (Col 7) (Sum Col. 14 & 15) (Note G)	(Col 3 * Col 7)	Col(6)+ Col(8)	(Col 3- Col 4)	
Multi-Value Projects (MVP)										
1a	Project 1	P1	\$0	\$0	0.00%	\$0	0.00%	\$0	\$0	\$0
	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1b	Project 2	P2	\$0	\$0	0.00%	\$0	0.00%	\$0	\$0	\$0
	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1c	Project 3	P3	\$0	\$0	0.00%	\$0	0.00%	\$0	\$0	\$0
	0.00%	0.00%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2	MVP Total Annual Revenue Requirements									
3	Rev. Req. Adj For Attachment O									

Note Letter

- A Gross Transmission Plant is that identified on page 2 line 2 of Attachment O-ATXI and includes any sub lines 2a or 2b etc. and is inclusive of any CWIP included in rate base when authorized by FERC order.
- B Net Transmission Plant is that identified on page 2 line 14 of Attachment O-ATXI and includes any sub lines 14a or 14b etc. and is inclusive of any CWIP included in rate base when authorized by FERC order.
- C Project Gross Plant is the total capital investment for the project calculated in the same method as the gross plant value in line 1 and includes CWIP in rate base when authorized by FERC order. This value includes subsequent capital investments required to maintain the facilities to their original capabilities.
- D Note deliberately left blank.
- E Project Depreciation Expense is the actual value booked for the project and included in the Depreciation Expense in Attachment O page 3, line 12.
- F True-Up Adjustment is included pursuant to a FERC approved methodology, if applicable.
- G The MVP Annual Revenue Requirement is the value to be used in Schedules 26-A and 39.
- H The Total General and Common Depreciation Expense excludes any depreciation expense directly associated with a project and thereby included in page 2 column 13.
- I Equals the return based on the actual capital structure (ACS).
- J Equals the incremental return for projects with hypothetical capital structure (HCS) approval.

**ATTACHMENT MM-GREAT RIVER ENERGY
MULTI-VALUE PROJECT CHARGE (“MVP Charge”)**

1 Multi-Value Projects:

This Attachment MM-GRE sets forth the method for collecting the charges associated with Multi-Value Projects (MVPs) and for distributing the revenues associated with such charges in accordance with Schedules 26-A and 39. This Attachment MM-GRE applies to those MVPs that are determined under Attachment FF to be subject to this Attachment MM-GRE that are not subject to the cost recovery provisions of Attachment N. The charges under this Attachment MM-GRE shall be in addition to any charges under Schedules 7, 8, 9, 26, 37 and 38.

2 Multi-Value Projects Annual Revenue Requirements (“MVP Revenue Requirements”):

- (a) Each year, in accordance with the provisions of Attachment FF, the Transmission Provider shall publish a cumulative list of all eligible MVPs by Transmission Owner and/or ITC by Project in Appendix A of the MTEP.
- (b) The revenue requirement for each MVP shall be the annual revenue requirement as computed in Section 3 below. In conjunction with providing its annual Attachment O-GRE, Great River Energy shall furnish to the Transmission Provider its annual revenue requirement for each MVP subject to this Attachment MM-GRE as calculated in Section 3 below.
- (c) For purposes of preparing the Attachment MM-GRE, Great River Energy must utilize the same test period that is utilized in the preparation of its Attachment O-GRE.
- (d) Projects included in Attachment MM-GRE must be in-service prior to or during the test period indicated in (c) above. If Great River Energy receives FERC approval to include specific MVP projects that are recorded in construction work in progress (CWIP) but not

yet in-service in the annual revenue requirement calculation, those projects may be included in Attachment MM-GRE provided Great River Energy supplies the Transmission Provider with evidence of FERC approval.

- (e) In order to prevent over recovery of Attachment O-GRE revenue, the revenue requirement calculated pursuant to Attachment MM-GRE (excluding any True-Up Adjustment and any Annual Incentive Return Charge) will be subtracted by Great River Energy from its Attachment O-GRE revenue requirement.
- (f) Great River Energy shall determine its projected MVP Revenue Requirement for the following year concurrently with the preparation of its associated Attachment O-GRE.
- (g) Great River Energy shall make available to any interested party by publicly posting an on OASIS its projected MVP Revenue Requirement, including all inputs in sufficient detail to identify the components of its MVP Revenue Requirement for Attachment MM-GRE, including any amounts representing a True-Up Adjustment, concurrently when it publicly posts on OASIS its projected revenue requirement for Attachment O-GRE.
- (h) A Project's True-Up Adjustment will be added to its individual projected attachment MM-GRE revenue requirement. The Attachment MM-GRE True-Up Adjustment will be calculated as specified in Section 4 of this Attachment Mm-GRE.

3 Calculation of the MVP Annual Revenue Requirement:

- (a) The MVP Annual Revenue Requirement shall be calculated as follows:
 - i. Annual Allocation Factors shall be calculated for the following seven (7) cost of service elements, expressed as a percentage, using the formulae included in this Attachment MM-GRE which utilizes select entries from the currently effective Attachment O-GRE:

- 1) Transmission Operation and Maintenance Expense
 - 2) Other Operation and Maintenance Expense
 - 3) General and Common Depreciation Expense
 - 4) Taxes Other Than Income Taxes
 - 5) Income Taxes
 - 6) Return
 - 7) Incentive Return
- ii. Subsections (iii) through (xi) describe the calculation of the Annual Allocation Factors using references to the Attachment O-GRE.
- iii. The Annual Allocation Factor for Transmission Operation and Maintenance shall be determined by dividing the sum of Attachment O-GRE, Page 3, Line 1, Column 5 minus Attachment O-GRE, Page 3, Line 1a, Column 5, if any, minus Attachment O-GRE, Page 3, Line 2, Column 5, if any, by the amount of Transmission Accumulated Depreciation included on Attachment O-GRE, Page 2, Line 8, Column 5.
- iv. The Annual Allocation Factor for Other Operation and Maintenance shall be determined by dividing the sum of the amount included on Attachment O-GRE, Page 3, Line 8, Column 5 minus the Adjusted Transmission O&M amount calculated in (iii) above and reflected on Attachment MM-GRE, Page 1, Line 3d by the amount of Gross Transmission Plant in Service included on Attachment O-GRE, Page 2, Line 2, Column 5. The Gross Transmission Plant In-Service shall include any CWIP included in Rate Base (Attachment O-GRE, Page 2, Line 18a, Column 5) and Prefunded AFUDC on CWIP in Rate Base (Attachment O-GRE, Page 2, Line 23a, Column 5) when authorized by FERC, if applicable.

- v. The Annual Allocation Factor for General and Common Depreciation Expense shall be determined by dividing the amount included on Attachment O-GRE, Page 3, Lines 10 & 11, Column 5 by the amount of Gross Transmission Plant In-Service included on Attachment O-GRE, Page 2, Line 2, Column 5. The Gross Transmission Plant In-Service shall include any CWIP included in Rate Base (Attachment O-GRE, Page 2, Line 18a, Column 5) and Prefunded AFUDC on CWIP in Rate Base (Attachment O-GRE, Page 2, Line 23a, Column 5) when authorized by FERC, if applicable.
- vi. The Annual Allocation Factor for Other Taxes shall be determined by dividing the amount included on Attachment O-GRE, Page 3, Line 20, Column 5 by the amount of Gross Transmission Plant In-Service included on Attachment O-GRE, Page 2, Line 2, Column 5. The Gross Transmission Plant In-Service shall include any CWIP included in Rate Base (Attachment O-GRE, Page 2, Line 18a, Column 5) and Prefunded AFUDC on CWIP in Rate Base (Attachment O-GRE, Page 2, Line 23a, Column 5) when authorized by FERC, if applicable.
- vii. The Annual Allocation Factor for Other Expense shall be the sum of (iv), (v) and (vi) above.
- viii. The Annual Allocation Factor for Income Tax shall be determined by dividing the amount included on Attachment O-GRE, Page 3, Line 27, Column 5 by the amount included for the Net Transmission Plant In-Service Attachment MM-GRE, Page 1, Line 2. The Net Transmission Plant In-Service shall include any CWIP included in Rate Base (Attachment O-GRE, Page 2, Line 18a, Column 5), Prefunded AFUDC on CWIP in Rate Base (Attachment O-GRE, Page 2, Line 23a, Column 5), and the Unamortized Balance of Abandoned Plant (Attachment O-GRE, Page 2, Line 23b,

Column 5), when authorized by FERC, if applicable.

This component shall be zero for publicly-owned Transmission Owners.

- ix. The Annual Allocation Factor for Return on Rate Base shall be determined by dividing the amount included on Attachment O-GRE, Page 3, Line 28, Column 5 by the amount of Net Transmission Plant In-Service included on Attachment MM-GRE, Page 1, Line 2. The Net Transmission Plant In-Service shall include any CWIP included in Rate Base (Attachment O-GRE, Page 2, Line 18a, Column 5), Prefunded AFUDC on CWIP in Rate Base (Attachment O-GRE, Page 2, Line 23a, Column 5), and the Unamortized Balance of Abandoned Plant (Attachment O-GRE, Page 2, Line 23b, Column 5) when authorized by FERC, if applicable.
- x. The Annual Allocation Factor for Return shall be the sum of (viii) and (ix) above.
- xi. The Annual Allocation Factor for Incentive Return shall be determined by subtracting the value in Attachment O-GRE, Page 4, Line 24 from the value in Attachment O-GRE, Page 4, Line 29.
- xii. The MVP Annual Revenue Requirement for each individual Project subject to this Attachment MM-GRE shall be the sum of (a) Annual Expense Charge, (b) Annual Return Charge, (c) Annual Incentive Return Charge, (d) Project Depreciation Expense, and (e) any applicable True-Up Adjustment, where:
 - 1) Annual Expense Charge equals the sum of (a) the Project's Accumulated Depreciation multiplied by the Annual Allocation Factor for Transmission Operation and Maintenance calculated in (iii) above, and (b) the Project's Gross Plant multiplied by the Annual Allocation Factor For Other Expense calculated in (vii) above;

- 2) Annual Return Charge equals the Project's Net Plant multiplied by the Annual Allocation Factor for Return calculated in (x) above;
 - 3) Annual Incentive Return Charge equals the Project's Net Plant multiplied by the Annual Allocation for Incentive Return calculated in (xi) above;
 - 4) Depreciation Expense equals the actual value booked, or projected to be booked for forward-looking rate periods, for the Project and included in Attachment O-GRE, Page 3, Line 12, Column 5;
 - 5) True-Up Adjustment equals any applicable Attachment MM-GRE true-up amount calculated under Section of this Attachment MM; and
 - 6) The Project's Gross Plant and Net Plant values shall be the respective balances for the facilities comprising the Project as incorporated in the Gross Plant values from Attachment O-GRE as identified in (iv), (v) and (vi) above and Net Plant values from Attachment MM-GRE as identified in (viii) and (ix) above. These balances shall reflect any retirements or subsequent like kind replacements associated with the ongoing maintenance of the facilities identified in the project.
- xiii. Each individual Project shall be identified separately as a sub-row of line 1 on page 2 of the Attachment MM-GRE template attached, to be identified as line 1a, 1b, etc. Great River Energy shall add additional sub-rows to line 1 as needed to accommodate additional Projects.

5 The MVP Usage Rate (MUR)

The MUR is a MISO system-wide rate charged via Schedule 26-A. The revenue requirements used to derive the MUR are the aggregate of the revenue requirements of each Transmission Owner's *pro forma* Attachment MM or company-specific Attachment MM, including

Attachment MM-GRE. Section 4 of the Transmission Provider's *pro forma* Attachment MM provides a complete description of the development and application of the MUR.

6 Nothing contained in this Attachment MM-GRE shall limit the right of Great River Energy under Section 205 of the Federal Power Act and consistent with the ISO Agreement to file with the Commission individually and unilaterally to recover the cost of a MVP in a manner other than that specified in this Attachment MM-GRE, including, but not limited to recover rate incentives not specified herein and to recover the cost of MVPs through its pricing zone rates under Schedules 7, 8, and 9 as calculated pursuant to Attachment O-GRE.

Formula Rate calculation

For the 12 months ended 12/31/___

Rate Formula Template

Utilizing Attachment O-GRE Data

Page 1 of 2

Great River Energy

To be completed in conjunction with Attachment O-GRE.

(inputs from Attachment O-GRE are rounded to whole dollars)

(1)	(2)	(3)	(4)
Line No.	Page, Line, Col.	Transmission	Allocator
Attachment O-GRE			
1	Gross Transmission Plant – Total	Attach O-GRE, p 2, line 2 col 5 (Note A)	0
1a	Transmission Accumulated Depreciation	Attach O-GRE, p. 2, line 8 col 5	0
2	Net Transmission Plant - Total	Line 1 minus Line 1a (Note B)	0
O&M TRANSMISSION EXPENSE			
3	Total O&M Allocated to Transmission	Attach O-GRE, p 3, line 8 col 5	0
3a	Transmission O&M	Attach O-GRE, p 3, line 1 col 5	0
3b	Less: LSE Expenses included in above, if any	Attach O-GRE, p 3, line 1a col 5, if any	0
3c	Less: Account 565 included in above, if any	Attach O-GRE, p 3, line 2 col 5, if any	0
3d	Adjusted Transmission O&M	Line 3a minus Line 3b minus Line 3c	0
4	Annual Allocation Factor for Transmission O&M	(line 3d divided by line 1a col 3)	0.00%
OTHER O&M EXPENSE			
4a	Other O&M Allocated to Transmission	Line 3 minus line 3d	0
4b	Annual Allocation Factor for Other O&M	Line 4a divided by Line 1, col 3	0.00%
GENERAL AND COMMON (G&C) DEPRECIATION EXPENSE			
5	Total G&C Depreciation Expense	Attach O-GRE, p 3, lines 10 & 11, col 5 (Note H)	0
6	Annual Allocation Factor for G&C Depreciation Expense	(line 5 divided by line 1, col 3)	0.00%
TAXES OTHER THAN INCOME TAXES			
7	Total Other Taxes	Attach O-GRE, p 3, line 20 col 5	0

8	Annual Allocation Factor for Other Taxes	(line 7 divided by line 1 col 3)	0.00%	0.00%
9	Annual Allocation Factor for Other Expense	Sum of lines 4b, 6 and 8		0.00%

INCOME TAXES

10	Total Income Taxes	Attach O-GRE, p 3, line 27 col 5	0	
11	Annual Allocation Factor for Income Taxes	(line 10 divided by line 2 col 3)	0.00%	0.00%

RETURN

12	Return on Rate Base	Attach O-GRE, p 3, line 28 col 5	0	
13	Annual Allocation Factor for Return on Rate Base	(line 12 divided by line 2 col 3)	0.00%	0.00%
14	Annual Allocation Factor for Return	Sum of lines 11 and 13		0.00%
14a	Annual Allocation Factor for Incentive Return	Attach O-GRE, p 4, line 30	0.00%	0.00%

Formula Rate calculation

Attachment MM-GRE
 For the 12 months ended 12/31/____
 Page 2 of 2

Rate Formula Template
 Utilizing Attachment O-GRE Data
 Great River Energy

Multi-Value Project (MVP) Revenue Requirement Calculation

(15) Line	(1) (9)	(2) (16)	(3) (10)	(4) (11)	(5) (12)	(5) (12a)	(5) (12b)	(6) (13)	(6) (14)	(7) (14a)	(8) (14a)
No.	Project Annual True-Up Name Expense Adjustment	MTEP Project Number Charge Requirement	Project MVP Gross Net Annual	Project Annual Allocation Return Deprecation Plant Factor	Annual Return Factor	O&M Allocation Incentive Annual Charge Adjusted Allocation Charge Revenue Factor Requirement	Factor	Transmission Annual Project Annual Allocation Depreciation Return Expense for Return Transmission for Excluding O&M Annual Expense Return Incentive	Annual Project Annual Revenue Expense Return Expense Return Incentive	Other Expense Annual Requirement Allocation for Incentive	Annual Allocation Revenue For Other Expense

(Note C)
 (Col. 6 +
 Col. 14

(Col 3 -
 (Note F)

Page 1
 (Page 1
 line 4
 Col. 8)
 12, 12b

(Col 10*
 Sum

(Col 4*
 (Page 1,
 Col 5)
 Col 4)
 less Col.

(Col. 10 *
 line 14)

Page 1
 (Note E)
 line 9
 Col 11)

(Sum Col 9 ,
 line 14a,

(Col 3*
 Col 7)
 Col. 12a)
 Col. 14

Multi-Value Projects (MVP)									
1a	Project 1	P1	\$0	\$0	0.00%			0.00%	0.00%
	\$0.00		\$0	0.00%	\$0.00		\$0	\$0.00	
	\$		\$						
1b	Project 2	P2	\$0	\$0	0.00%			0.00%	0.00%
	\$0.00		\$0	0.00%	\$0.00		\$0	\$0.00	
	\$		\$						
1c	Project 3	P3	\$0	\$0	0.00%			0.00%	0.00%
	\$0.00		\$0	0.00%	\$0.00		\$0	\$0.00	
	\$		\$						
2	MVP Total Annual Revenue Requirements								0
0	0								
3	Rev. Req. Adj For Attachment O-GRE								\$0

Note Letter

- A Gross Transmission Plant is that identified on page 2 line 2 of Attachment O-GRE and includes any sub lines 2a or 2b etc. and is inclusive of any CWIP in rate base when authorized by FERC order less any prefunded AFUDC, if applicable.
- B Net Transmission Plant is that identified on page 2 line 14 of Attachment O-GRE and includes any sub lines 14a or 14b etc. and is inclusive of any CWIP, Prefunded AFUDC on CWIP, and Unamortized Balance of Abandoned Plant included in rate base when authorized by FERC order. The prefunded AFUDC amount is a reduction to rate base.
- C Project Gross Plant is the total capital investment for the project calculated in the same method as the gross plant value in line 1 and includes any CWIP in rate base when authorized by FERC order less any prefunded AFUDC, if applicable, and when authorized by FERC order. The Prefunded AFUDC amount is a reduction to rate base. This value includes subsequent capital investments required to maintain the facilities to their original capabilities.
- D Note deliberately left blank.
- E Project Depreciation Expense is the actual value booked for the project and included in the Depreciation Expense in Attachment O-GRE page 3 line 12.
- F True-Up Adjustment is included pursuant to a FERC approved methodology, if applicable.
- G The MVP Annual Revenue Requirement is the value to be used in Schedules 26-A and 39.
- H The Total General and Common Depreciation Expense excludes any depreciation expense directly associated with a project and thereby included in page 2 column 13.
- I Annual Incentive Return Charge revenues for FERC-accepted projects utilizing a hypothetical capital structure are not included in Attachment O-GRE, page 3, line 30a, column 5 and page 4, lines 35 & 36b.

ATTACHMENT MM-MRES

MULTI-VALUE PROJECT CHARGE (“MVP Charge”)

1 Multi-Value Projects:

This Attachment MM-MRES sets forth the method for collecting the charges associated with Multi-Value Projects (MVPs) and for distributing the revenues associated with such charges in accordance with Schedules 26-A and 39. This Attachment MM-MRES applies to those MVPs that are determined under Attachment FF to be subject to this Attachment MM-MRES that are not subject to the cost recovery provisions of Attachment N. The charges under this Attachment MM-MRES shall be in addition to any charges under Schedules 7, 8, 9, 26, 37 and 38.

2 Multi-Value Projects Annual Revenue Requirements (“MVP Revenue Requirements”):

- (a) Each year, in accordance with the provisions of Attachment FF, the Transmission Provider shall publish a cumulative list of all eligible MVPs by Transmission Owner and/or ITC by Project in Appendix A of the MTEP.
- (b) The revenue requirement for each MVP shall be the annual revenue requirement as computed in Section 3 below. In conjunction with providing its annual Attachment O-MRES, Missouri River Energy Services shall furnish to the Transmission Provider its annual revenue requirement for each MVP subject to this Attachment MM-MRES as calculated in Section 3 below.

- (c) For purposes of preparing the Attachment MM-MRES, Missouri River Energy Services must utilize the same test period that is utilized in the preparation of its Attachment O-MRES.
- (d) Projects included in Attachment MM-MRES must be in-service prior to or during the test period indicated in (c) above. If Missouri River Energy Services receives FERC approval to include specific MVP projects that are recorded in construction work in progress (CWIP) but not yet in-service in the annual revenue requirement calculation, those projects may be included in Attachment MM-MRES provided Missouri River Energy Services supplies the Transmission Provider with evidence of FERC approval.
- (e) In order to prevent over recovery of Attachment O-MRES revenue, the revenue requirement calculated pursuant to Attachment MM-MRES will be subtracted by Missouri River Energy Services from its Attachment O-MRES revenue requirement.

3 Calculation of the MVP Annual Revenue Requirement:

- (a) The MVP Annual Revenue Requirement shall be calculated as follows:
 - i. Annual Allocation Factors shall be calculated for the following seven (7) cost of service elements, expressed as a percentage, using the formulae included in this Attachment MM-MRES which utilizes select entries from the currently effective Attachment O-MRES:
 - 1) Transmission Operation and Maintenance Expense
 - 2) Other Operation and Maintenance Expense

- 3) General and Common Depreciation Expense
 - 4) Taxes Other Than Income Taxes
 - 5) Income Taxes
 - 6) Return
 - 7) Incentive Return
- ii. Subsections (iii) through (xi) describe the calculation of the Annual Allocation Factors using references to the Attachment O-MRES.
- iii. The Annual Allocation Factor for Transmission Operation and Maintenance shall be determined by dividing the sum of Attachment O-MRES, Page 3, Line 1, Column 5 minus Attachment O-MRES, Page 3, Line 1a, Column 5, if any, minus Attachment O-MRES, Page 3, Line 2, Column 5, if any, by the amount of Transmission Accumulated Depreciation included on Attachment O-MRES, Page 2, Lines 8 and 8a, Column 5.
- iv. The Annual Allocation Factor for Other Operation and Maintenance shall be determined by dividing the sum of the amount included on Attachment O-MRES, Page 3, Line 8, Column 5 minus the Adjusted Transmission O&M amount calculated in (iii) above and reflected on Attachment MM-MRES, Page 1, Line 3d by the amount of Gross Transmission Plant in Service included on Attachment O-MRES, Page 2, Lines 2 and 2a, Column 5. The Gross Transmission Plant In Service shall include any CWIP included in Rate Base when authorized by FERC order less any prefunded AFUDC, if applicable.

- v. The Annual Allocation Factor for General and Common Depreciation Expense shall be determined by dividing the amount included on Attachment O-MRES, Page 3, Lines 10 & 11, Column 5 by the amount of Gross Transmission Plant In-Service included on Attachment O-MRES, Page 2, Lines 2 and 2a, Column 5. The Gross Transmission Plant In-Service shall include any CWIP included in Rate Base when authorized by FERC order less any prefunded AFUDC, if applicable.
- vi. The Annual Allocation Factor for Other Taxes shall be determined by dividing the amount included on Attachment O-MRES, Page 3, Line 20, Column 5 by the amount of Gross Transmission Plant In-Service included on Attachment O-MRES, Page 2, Lines 2 and 2a, Column 5. The Gross Transmission Plant In-Service shall include any CWIP included in Rate Base when authorized by FERC order less any prefunded AFUDC, if applicable.
- vii. The Annual Allocation Factor for Other Expense shall be the sum of (iv), (v) and (vi) above.
- viii. The Annual Allocation Factor for Income Tax shall be determined by dividing the amount included on Attachment O-MRES, Page 3, Line 27, Column 5 by the amount included for the Net Transmission Plant In-Service Attachment MM-MRES, Page 1, Line 2. The Net Transmission Plant In-Service shall include any CWIP included in Rate Base when authorized by FERC order less any prefunded AFUDC, if applicable.

This component shall be zero for publicly-owned Transmission Owners such as MRES.

- ix. The Annual Allocation Factor for Return on Rate Base shall be determined by dividing the amount included on Attachment O-MRES, Page 3, Line 28, Column 5 by the amount of Net Transmission Plant In-Service included on Attachment MM-MRES, Page 1, Line 2. The Net Transmission Plant In-Service shall include any CWIP included in Rate Base when authorized by FERC order less any prefunded AFUDC, if applicable.
- x. The Annual Allocation Factor for Return shall be the sum of (viii) and (ix) above.
- xi. The Annual Allocation Factor for Incentive Return shall be the amount included on Attachment O-MRES, Page 4, Line 30.
- xii. The MVP Annual Revenue Requirement for each individual Project subject to this Attachment MM-MRES shall be the sum of (a) Annual Expense Charge, (b) Annual Return Charge, (c) Project Depreciation Expense, and (d) any applicable True-Up Adjustment, where:
- 1) Annual Expense Charge equals the sum of (a) the Project's Accumulated Depreciation multiplied by the Annual Allocation Factor for Transmission Operation and Maintenance calculated in (iii) above, and (b) the Project's Gross Plant multiplied by the Annual Allocation Factor For Other Expense calculated in (vii) above;
 - 2) Annual Return Charge equals the Project's Net Plant multiplied by the sum of the Annual Allocation Factor for Return calculated in (x) above plus the

Annual Allocation Factor for Incentive Return, if applicable as described in (xi) above.;

- 3) Depreciation Expense equals the actual value booked, or projected to be booked for forward-looking rate periods, for the Project and included in Attachment O-MRES, Page 3, Line 12, Column 5;
- 4) True-Up Adjustment equals any applicable Attachment MM-MRES true-up amount calculated under a FERC-accepted mechanism for Missouri River Energy Services; and
- 5) The Project's Gross Plant and Net Plant values shall be the respective balances for the facilities comprising the Project as incorporated in the Gross Plant values from Attachment O-MRES as identified in (iv), (v) and (vi) above and Net Plant values from Attachment MM-MRES as identified in (viii) and (ix) above. These balances shall reflect any retirements or subsequent like kind replacements associated with the ongoing maintenance of the facilities identified in the project.

xiii. Each individual Project shall be identified separately as a sub-row of Line 1 on Page 2 of the Attachment MM-MRES template attached, to be identified as Line 1a, 1b, etc. Missouri River Energy Services shall add additional sub-rows to Line 1 as needed to accommodate additional Projects.

4 The MVP Usage Rate (MUR):

- (a) The MUR is a MISO system-wide rate charged via Schedule 26-A to Monthly Net Actual Energy Withdrawals excluding those Monthly Net Actual Energy Withdrawals provided under GFAs, Export Schedules, and Through Schedules; provided, however, that the MUR shall not be charged to any Export Schedule or Through Schedule for deliveries that sink in the transmission system operated by PJM Interconnection, LLC. Monthly MVP Revenue Requirements are calculated by multiplying the Total MVP Annual Revenue Requirements by a weighting factor that is based on the withdrawals of the applicable month in the prior year divided by the total monthly withdrawals in the prior year. Weighting factors shall be calculated twice a year depending on whether a Transmission Owner calculates its revenue requirements based on historical or forward-looking data. Transmission Owners that determine their revenue requirements based on historical data report their MVP Annual Revenue Requirements in advance of June 1st of each year, while Transmission Owners that use forward-looking data report their MVP Annual Revenue Requirements in advance of January 1st of each year. Weighting factors will be applied to the applicable MVP Annual Revenue Requirements. The Total MVP Annual Revenue Requirement shall be equal to the sum of the weighted monthly MVP Revenue Requirements. The monthly MUR is calculated as follows:
- i. $(\text{Total MVP Annual Revenue Requirements} * \text{Monthly Withdrawal Weighting Factor}) / (\text{Monthly Net Actual Energy Withdrawals} + \text{monthly Real-Time Export Schedules (excluding Export Schedules for delivery into the transmission system operated by PJM Interconnection, LLC)} + \text{monthly Real-Time Through Schedules})$

(excluding Through Schedules for deliveries that sink in the transmission system operated by PJM Interconnection, LLC) + MWhs of service provided under GFAs)

The Monthly Withdrawal Weighting Factor is calculated as follows:

ii. $\text{Applicable Month Prior Year Withdrawals} / \text{Total Prior Year Withdrawals}$

The Applicable Month Prior Year Withdrawals and Total Prior Year Withdrawals are the sum of the prior year Monthly Net Actual Energy Withdrawals, prior year monthly Real-Time Export Schedules and prior year monthly Real-Time Through Schedules for the applicable month and for the entire year, respectively.

(b) Except as provided above, the MUR will be charged monthly, in accordance with the Market Settlements Business Practices Manual, to Market Participants with Monthly Net Actual Energy Withdrawals, Real-Time Export Schedules, and Real-Time Through Schedules.

(c) Revenue collected through the MUR will be distributed in accordance with Schedule 26-A.

5 Nothing contained in this Attachment MM-MRES shall limit the right of Missouri River Energy Services under Section 205 of the Federal Power Act and consistent with the ISO Agreement to file with the Commission individually and unilaterally to recover the cost of a MVP in a manner other than that specified in this Attachment MM-MRES, including, but not limited to recover rate incentives not specified herein and to recover the cost of MVPs through its pricing zone rates under Schedules 7, 8, and 9 as calculated pursuant to Attachment O-MRES.

Formula Rate calculation
12/31/___

Rate Formula Template

Attachment MM-MRES
For the 12 months ended

Utilizing Attachment O-MRES Data

Page 1 of

2

MRES

To be completed in conjunction with Attachment O-MRES.
(inputs from Attachment O are rounded to whole dollars)

(1)	(2)	(3)	(4)
Line	Attachment O Page, Line, Col.	Transmission	Allocator
No.			
1	Gross Transmission Plant - Total	Attach O, p 2, lines 2+2a col 5 (Note A)	0
1a	Transmission Accumulated Depreciation	Attach O, p 2, line 8+8a col 5	0
2	Net Transmission Plant - Total	Line 1 minus Line 1a (Note B)	0
O&M TRANSMISSION EXPENSE			
3	Total O&M Allocated to Transmission	Attach O, p 3, line 8 col 5	0
3a	Transmission O&M	Attach O, p 3, line 1 col 5	0
3b	Less: LSE Expenses included in above, if any	Attach O, p 3, line 1a col 5, if any	0
3c	Less: Account 565 included in above, if any	Attach O, p 3, line 2 col 5	0
3d	Adjusted Transmission O&M	Line 3a minus Line 3b minus Line 3c	0
4	Annual Allocation Factor for Transmission O&M	(line 3d divided by line 1a, col 3)	0.00%
OTHER O&M EXPENSE			
4a	Other O&M Allocated to Transmission	Line 3 minus Line 3d	0
4b	Annual Allocation Factor for Other O&M	Line 4a divided by Line 1, col 3	0.00%
GENERAL AND COMMON (G&C) DEPRECIATION EXPENSE			
5	Total G&C Depreciation Expense	Attach O, p 3, lines 10 & 11, col 5 (Note H)	0
6	Annual Allocation Factor for G&C Depreciation Expense	(line 5 divided by line 1, col 3)	0.00%
TAXES OTHER THAN INCOME TAXES			
7	Total Other Taxes	Attach O, p 3, line 20 col 5	0
8	Annual Allocation Factor for Other Taxes	(line 7 divided by line 1, col 3)	0.00%
9	Annual Allocation Factor for Other Expense	Sum of lines 4b, 6 and 8	0.00%
INCOME TAXES			
10	Total Income Taxes	Attach O, p 3, line 27 col 5	0
11	Annual Allocation Factor for Income Taxes	(line 10 divided by line 2, col 3)	0.00%
RETURN			
12	Return on Rate Base (Note I)	Attach O, p 3, line 28 col 5	0
13	Annual Allocation Factor for Return on Rate Base	(line 12 divided by line 2, col 3)	0.00%
14	Annual Allocation Factor for Return ACSR	Sum of lines 11 and 13	0.00%
15	Annual Allocation Factor for Incentive Return	Attach O-MRES, p 4, line 30, col 5	0.00%

Formula Rate calculation Rate

Formula Template

Utilizing Attachment O-MRES Data

MRES

Multi-Value Project (MVP) Revenue Requirement Calculation

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
	(11)	(11a)	(12)	(13)			(14)		(15)		
	(16)										
Line	Project	MTEP	Project	Project	Transmission	Annual	Other	Annual	Annual	Project	
No.	Annual	Annual	Annual	Annual	Project	Allocation	Expense	Allocation	Expense	True-Up	MVP Annual
	Name	Project	Gross	Accumulated	O&M	for	Annual	for Other	Charge	Net Plant	
	Allocation	Allocation	Plant	Return	Depreciation	Revenue	Requirement			Adjustment	
	Factor for	Factor for	Charge	Expense	Allocation	Transmission	Allocation	Expense			Requirement
	Revenue	Incentive			Factor	O&M Expense	Factor				Return
	(Note K & L)		(Note C)		Page 1 line 4	(Col 4 * Col 5)	Page 1 line 9	(Col 3 *	(Col 6+	(Col 3 minus	
	(Page 1 line	(Page 1, line		(Col 10 *	(Note E)			(Sum		(Note F)	Sum Col. 14 &
								Col 7)	Col 8)	Col 4)	
	14)	15, Column 4)		Col 11 +Col 11a)					Col 9, 12 & 13)		15 (Note G)
											Note J

Multi-Value Projects (MVP)

1a	Project 1	P1	\$0	\$0	0.00%	\$0	0.00%	\$0	\$0	\$0	
	0.00%	0.00%		\$0	\$0			\$0		\$0	\$0
1b	Project 2	P2	\$0	\$0	0.00%	\$0	0.00%	\$0	\$0	\$0	
	0.00%	0.00%		\$0	\$0			\$0		\$0	\$0
1c	Project 3	P3	\$0	\$0	0.00%	\$0	0.00%	\$0	\$0	\$0	
	0.00%	0.00%		\$0	\$0			\$0		\$0	\$0

2 MVP Total Annual Revenue Requirements

3 Rev. Req. Adj For Attachment O-MRES

Note

Letter

- A Gross Transmission Plant is that identified on page 2 line 2 of Attachment O-MRES and includes any sub lines 2a or 2b etc. and is inclusive of any CWIP included in rate base when authorized by FERC order less any prefunded AFUDC, if applicable.
- B Net Transmission Plant is that identified on page 2 line 14 of Attachment O-MRES and includes any sub lines 14a or 14b etc. and is inclusive of any CWIP included in rate base when authorized by FERC order.
- C Project Gross Plant is the total capital investment for the project calculated in the same method as the gross plant value in line 1 and includes CWIP in rate base when authorized by FERC order less any prefunded AFUDC, if applicable. This value includes subsequent capital investments required to maintain the facilities to their original capabilities.
- D Note deliberately left blank.
- E Project Depreciation Expense is the actual value booked for the project and included in the Depreciation Expense in Attachment O-MRES page 3 line 12.
- F True-Up Adjustment is included pursuant to a FERC approved methodology, if applicable.
- G The MVP Annual Revenue Requirement is the value to be used in Schedules 26-A and 39.
- H The Total General and Common Depreciation Expense excludes any depreciation expense directly associated with a project and thereby included in page 2 column 13.
- I Equals the return using the MRES actual capital structure.
- J This is the incentive return for projects receiving the hypothetical capital structure return (HCSR).
- K The projects listed include projects that qualify for 100% CWIP recovery. These projects do not include any AFUDC in the CWIP balances or plan in service balances.
- L The plant listed includes any unamortized balances related to the recovery of abandoned plant costs for the projects approved by FERC. No abandoned plant costs will be included until approved by FERC under a separate docket.

ATTACHMENT MM-MRES
ANNUAL TRUE-UP PROCEDURE
FOR MISSOURI RIVER ENERGY SERVICES

1. Applicability

This Attachment MM-MRES Annual True-up Procedure shall apply to all transmission projects of Missouri River Energy Services (“MRES”) where the individual project or construction work in progress (“CWIP”) annual revenue requirement is calculated pursuant to Attachment MM for cost recovery under Schedule 26-A (when reference is made to Schedule 26-A hereinafter, that reference includes all rate schedules that recover the revenue requirements of Attachment MM, which include but are not limited to Schedules 26-A and 39) of this tariff.

2. True-Up Procedure

MRES shall determine its annual revenue requirement for the purposes of Section 2(a) of Attachment MM-MRES using the same projected information that is used to calculate its Attachment O-MRES revenue requirement for the period beginning January 1 of each year (“Projected Year”). MRES shall recalculate its revenue requirement for each project entitled to treatment under Attachment MM-MRES in conjunction with its annual recalculation of its Attachment O-MRES revenue requirement. MRES shall make available to customers its projected revenue requirement for Attachment MM-MRES, including all inputs in sufficient detail to identify the components of MRES’s revenue requirement for Attachment MM-MRES including any amounts representing a true-up

adjustment determined as set forth below. Any adjustments to the revenue requirement relating to the difference between the projected revenue requirement and the actual revenue received for Attachment MM-MRES (“True-up Amount”) shall be determined in the following manner:

- (a) In the year following the Projected Year (“the Succeeding Year”), in conjunction with the next succeeding update of its Attachment O revenue requirement with actual data, completed pursuant to the Attachment O-MRES, the actual revenue requirement for Attachment MM-MRES (calculated in accordance with Attachment MM of the Tariff) for each project for the Projected Year shall be determined based upon the actual amounts incurred. For the Projected Year, the actual revenue requirement for each project shall be compared to the Schedule 26-A and Schedule 39 revenues distributed to MRES allocated proportionately to all projects used to determine the aggregate projected revenue requirement during the Projected Year to determine any difference between the actual revenue requirement for each project under Attachment MM-MRES and the revenues distributed. If the actual revenue requirement for a project for the Projected Year is more than the actual revenue received during the Projected Year (*i.e.*, an under-collection), then the difference shall be added to the revenue requirement for such project for the second year following the Projected Year (the “True Up Year”). If the actual revenue requirement for the Projected Year for a project is less than the actual revenue

received during the Projected Year (*i.e.*, an over-collection), then the difference shall be subtracted from the revenue requirement for that project for the True Up Year. The differences between the actual revenue requirement and the revenue received shall be posted, on a project specific basis, to MRES's page of the Transmission Provider's OASIS website no later than July 1 of the Succeeding Year. Such true-up amount shall be added to or subtracted from the revenue requirement to determine the revenue requirement for the True Up Year as determined in accordance with Attachment MM. Interest on the aggregate difference between the actual revenue requirement and the aggregate revenue received will be determined as set forth below and shall be allocated proportionately to each project's contribution to the aggregate difference and then added to or subtracted from their respective revenue requirement for the True Up Year to determine the total revenue requirement for the True Up Year. MRES shall provide explanations of true-up amounts and the corresponding interest calculations in response to customer inquiries and shall post on the OASIS website information regarding frequently asked questions.

- (b) Interest on any over recovery of the zonal Attachment MM-MRES revenue requirement shall be determined based on the Commission's regulations at 18 C.F.R. 35.19a. Interest on any under recovery of the revenue requirement shall be determined using the interest rate based on the annual average of the one-month London Interbank Offer Rate¹ ("LIBOR") capped at the applicable Commission refund interest rate. In either case, the interest payable shall be calculated using an average interest rate for the twenty-four (24) months during which the over or under

recovery in the revenue requirement exists. The resulting interest component of the true-up will be included in the Attachment MM-MRES revenue requirement for the True-up Year.

- (c) The revenue requirement for Attachment MM-MRES for the True-up Year shall be the sum of the MVP Revenue Requirement for the True-up Year, plus or minus the true-up from the Projected Year, if any, including the average interest for two years, as explained above.

1. Example

Assumptions:

MRES's projected 2012 revenue requirement for an Attachment MM project is \$2,000,000.

MRES's actual 2012 revenue requirement for the Attachment MM project calculated based on financial data available in May 2013 is \$1,950,000. Actual 2012 Schedule 26-A revenues distributed to MRES for the project are \$1,976,250.

True-Up Calculation (Assumes one Project used to determine Projected Revenue

Requirement):

There is an over recovery of the revenue requirement equal to \$26,250 ($\$1,976,250 - \$1,950,000 = \$26,250$).

The True-up Adjustment with interest shall be included in the 2014 revenue requirement for Attachment MM-MRES and estimated rates that shall be made available to customers in

conjunction with MRES' posting of its 2014 projected Attachment O-MRES revenue requirement. The new rates will take effect on January 1, 2014.

¹MRES does not have any short-term debt, which is the interest rate other MISO transmission owners apply to under recoveries in their true-up calculations. Therefore, MRES propose to use 1 month LIBOR as an equivalent approximation of MRES short-term debt interest rate costs.

ATTACHMENT MM – CMMPA AGENCY

MULTI-VALUE PROJECT CHARGE (“MVP Charge”)

1 Multi-Value Projects:

This Attachment MM-CMMPA Agency sets forth the method for collecting the charges associated with Multi-Value Projects (MVPs) and for distributing the revenues associated with such charges in accordance with Schedules 26-A and 39. This Attachment MM-CMMPA Agency applies to those MVPs that are determined under Attachment FF to be subject to this Attachment MM –CMMPA Agency that are not subject to the cost recovery provisions of Attachment N. The charges under this Attachment MM-CMMPA Agency shall be in addition to any charges under Schedules 7, 8, 9, 26, 37 and 38.

2 Multi-Value Projects Annual Revenue Requirements (“MVP Revenue Requirements”):

- (a) Each year, in accordance with the provisions of Attachment FF, the Transmission Provider shall publish a cumulative list of all eligible MVPs by Transmission Owner and/or ITC by Project in Appendix A of the MTEP.
- (b) The revenue requirement for each MVP shall be the annual revenue requirement as computed in Section 3 below. In conjunction with providing its annual Attachment O-CMMPA Agency, Central Minnesota Municipal Power Agency shall furnish to the Transmission Provider its annual revenue requirement for each MVP subject to this Attachment MM-CMMPA Agency as calculated in Section 3 below.
- (c) For purposes of preparing the Attachment MM-CMMPA Agency, Central Minnesota Municipal Power Agency must utilize the same test period that is utilized in the

preparation of its Attachment O-CMMPA Agency. Projects included in Attachment MM-CMMPA Agency must be in-service prior to or during the test period indicated in (c) above. If Central Minnesota Municipal Power Agency receives FERC approval to include specific MVP projects that are recorded in construction work in progress (CWIP) but not yet in-service in the annual revenue requirement calculation, those projects may be included in Attachment MM-CMMPA Agency provided Central Minnesota Municipal Power Agency supplies the Transmission Provider with evidence of FERC approval.

(d) In order to prevent over recovery of Attachment O-CMMPA Agency revenue, the revenue requirement calculated pursuant to Attachment MM-CMMPA Agency will be subtracted by Central Minnesota Municipal Power Agency from its Attachment O-CMMPA Agency revenue requirement.

3 Calculation of the MVP Annual Revenue Requirement:

(a) The MVP Annual Revenue Requirement shall be calculated as follows:

i. Annual Allocation Factors shall be calculated for the following seven (7) cost of service elements, expressed as a percentage, using the formulae included in this Attachment MM-CMMPA Agency which utilizes select entries from the currently effective Attachment O-CMMPA Agency:

- 1) Transmission Operation and Maintenance Expense
- 2) Other Operation and Maintenance Expense
- 3) General and Common Depreciation Expense
- 4) Taxes Other Than Income Taxes

5) Income Taxes

6) Return

7) Incentive Return

- ii. Subsections (iii) through (xi) describe the calculation of the Annual Allocation Factors using references to the Attachment O-CMMPA Agency.
- iii. The Annual Allocation Factor for Transmission Operation and Maintenance shall be determined by dividing the sum of Attachment O-CMMPA Agency, Page 3, Line 1, Column 5 minus Attachment O-CMMPA Agency, Page 3, Line 1a, Column 5, if any, minus Attachment O-CMMPA Agency, Page 3, Line 2, Column 5, if any, by the amount of Transmission Accumulated Depreciation included on Attachment O-CMMPA Agency, Page 2, Line 8 + 8a, Column 5.
- iv. The Annual Allocation Factor for Other Operation and Maintenance shall be determined by dividing the sum of the amount included on Attachment O-CMMPA Agency, Page 3, Line 8, Column 5 minus the Adjusted Transmission O&M amount calculated in (iii) above and reflected on Attachment MM-CMMPA Agency, Page 1, Line 3d by the amount of Gross Transmission Plant in Service included on Attachment O-CMMPA Agency, Page 2, Line 2 + 2a, Column 5. The Gross Transmission Plant In Service shall include any CWIP included in Rate Base when authorized by FERC order less any prefunded AFUDC, if applicable.
- v. The Annual Allocation Factor for General and Common Depreciation Expense shall be determined by dividing the amount included on Attachment O-CMMPA

Agency, Page 3, Lines 10 & 11, Column 5 by the amount of Gross Transmission Plant In-Service included on Attachment O-CMMPA Agency, Page 2, Line 2 + 2a, Column 5. The Gross Transmission Plant In-Service shall include any CWIP included in Rate Base when authorized by FERC order less any prefunded AFUDC, if applicable.

vi. The Annual Allocation Factor for Other Taxes shall be determined by dividing the amount included on Attachment O-CMMPA Agency, Page 3, Line 20, Column 5 by the amount of Gross Transmission Plant In-Service included on Attachment O-CMMPA Agency, Page 2, Line 2 + 2a, Column 5. The Gross Transmission Plant In-Service shall include any CWIP included in Rate Base when authorized by FERC order less any prefunded AFUDC, if applicable.

vii. The Annual Allocation Factor for Other Expense shall be the sum of (iv), (v) and (vi) above.

viii. The Annual Allocation Factor for Income Tax shall be determined by dividing the amount included on Attachment O-CMMPA Agency, Page 3, Line 27, Column 5 by the amount included for the Net Transmission Plant In-Service Attachment MM-CMMPA Agency, Page 1, Line 2. The Net Transmission Plant In-Service shall include any CWIP included in Rate Base when authorized by FERC order less any prefunded AFUDC, if applicable.

This component shall be zero for publicly-owned Transmission Owners.

ix. The Annual Allocation Factor for Return on Rate Base shall be determined by dividing the amount included on Attachment O-CMMPA, Page 3, Line 28,

Column 5 by the amount of Net Transmission Plant In-Service included on Attachment MM-CMMPA Agency, Page 1, Line 2. The Net Transmission Plant In-Service shall include any CWIP included in Rate Base when authorized by FERC order less any prefunded AFUDC, if applicable.

- x. The Annual Allocation Factor for Return shall be the sum of (viii) and (ix) above.
- xi. The Annual Allocation Factor for Premium Return on Projects Receiving the Hypothetical Capital Structure Return shall be determined by the amount included on Attachment O-CMMPA, Page 4, Line 30d, Column 5 and the Annual Allocation Factor for Income Taxes on the Attachment MM-CMMPA Agency, Page 1, Line 11, Column 4.
- xii. The MVP Annual Revenue Requirement for each individual Project subject to this Attachment MM-CMMPA Agency shall be the sum of (a) Annual Expense Charge, (b) Annual Return Charge, (c) Project Depreciation Expense, and (d) any applicable True-Up Adjustment, where:
 - 1) Annual Expense Charge equals the sum of (a) the Project's Accumulated Depreciation multiplied by the Annual Allocation Factor for Transmission Operation and Maintenance calculated in (iii) above, and (b) the Project's Gross Plant multiplied by the Annual Allocation Factor For Other Expense calculated in (vii) above;
 - 2) Annual Return Charge equals the Project's Net Plant multiplied by the Annual Allocation Factor for Return calculated in (x) above plus the Incentive Return, if applicable as described in (xi) above;

- 3) Depreciation Expense equals the actual value booked, or projected to be booked for forward-looking rate periods, for the Project and included in Attachment O-CMMPA Agency, Page 3, Line 12, Column 5;
- 4) True-Up Adjustment equals any applicable Attachment MM-CMMPA Agency true-up amount calculated under a FERC-accepted mechanism for a particular Transmission Owner; and
- 5) The Project's Gross Plant and Net Plant values shall be the respective balances for the facilities comprising the Project as incorporated in the Gross Plant values from Attachment O-CMMPA Agency as identified in (iv), (v) and (vi) above and Net Plant values from Attachment MM-CMMPA Agency as identified in (viii) and (ix) above. These balances shall reflect any retirements or subsequent like kind replacements associated with the ongoing maintenance of the facilities identified in the project.

xiii. Each individual Project shall be identified separately as a sub-row of line 1 on Page 2 of the Attachment MM-CMMPA Agency template to be identified as Line 1a, 1b, etc. Central Minnesota Municipal Power Agency shall add additional sub-rows to Line 1 as needed to accommodate additional Projects.

4 Calculation of True-Up Adjustment

CMMPA shall calculate its True-Up Adjustment as set forth in Attachment MM, Section 4.

5 The MVP Usage Rate (MUR):

- (a) The MUR is a MISO system-wide rate charged via Schedule 26-A to Monthly Net Actual Energy Withdrawals excluding those Monthly Net Actual Energy

Withdrawals provided under GFAs, Export Schedules, and Through Schedules; provided, however, that the MUR shall not be charged to any Export Schedule or Through Schedule for deliveries that sink in the transmission system operated by PJM Interconnection, LLC. Monthly MVP Revenue Requirements are calculated by multiplying the Total MVP Annual Revenue Requirements by a weighting factor that is based on the withdrawals of the applicable month in the prior year divided by the total monthly withdrawals in the prior year. Weighting factors shall be calculated twice a year depending on whether a Transmission Owner calculates its revenue requirements based on historical or forward-looking data. Transmission Owners that determine their revenue requirements based on historical data report their MVP Annual Revenue Requirements in advance of June 1st of each year, while Transmission Owners that use forward-looking data report their MVP Annual Revenue Requirements in advance of January 1st of each year. Weighting factors will be applied to the applicable MVP Annual Revenue Requirements. The Total MVP Annual Revenue Requirement shall be equal to the sum of the weighted monthly MVP Revenue Requirements. The monthly MUR is calculated as follows:

- i. $(\text{Total MVP Annual Revenue Requirements} * \text{Monthly Withdrawal Weighting Factor}) / (\text{Monthly Net Actual Energy Withdrawals} + \text{monthly Real-Time Export Schedules (excluding Export Schedules for delivery into the transmission system operated by PJM Interconnection, LLC)} + \text{monthly Real-Time Through Schedules (excluding Through Schedules for deliveries that sink in the transmission system operated by PJM Interconnection, LLC)} + \text{MWhs of service provided under GFAs})$

The Monthly Withdrawal Weighting Factor is calculated as follows:

ii. Applicable Month Prior Year Withdrawals / Total Prior Year Withdrawals

The Applicable Month Prior Year Withdrawals and Total Prior Year Withdrawals are the sum of the prior year Monthly Net Actual Energy Withdrawals, prior year monthly Real-Time Export Schedules and prior year monthly Real-Time Through Schedules for the applicable month and for the entire year, respectively.

(b) Except as provided above, the MUR will be charged monthly, in accordance with the Market Settlements Business Practices Manual, to Market Participants with Monthly Net Actual Energy Withdrawals, Real-Time Export Schedules, and Real-Time Through Schedules.

(c) Revenue collected through the MUR will be distributed in accordance with Schedule 26-A.

6 Nothing contained in this Attachment MM-CMMPA Agency shall limit the right of a Central Minnesota Municipal Power Agency under Section 205 of the Federal Power Act and consistent with the ISO Agreement to file with the Commission individually and unilaterally to recover the cost of a MVP in a manner other than that specified in this Attachment MM-CMMPA Agency, including, but not limited to recover rate incentives not specified herein and to recover the cost of MVPs through its pricing zone rates under Schedules 7, 8, and 9 as calculated pursuant to Attachment O-CMMPA Agency.

Formula Rate calculation

Rate Formula Template
Utilizing Attachment O-CMMPA Agency Data

Attachment MM-CMMPA Agency
For the 12 months ended 12/31/___

Page 1 of 2

Company Name

To be completed in conjunction with Attachment O-CMMPA Agency.
(inputs from Attachment O are rounded to whole dollars)

Line No.	(1)	(2) Attachment O-CMMPA Agency Page, Line, Col.	(3) Transmission	(4) Allocator
1	Gross Transmission Plant - Total	Attach O-CMMPA Agency, p 2, lines 2+2a col 5 (Note A)	0	
1a	Transmission Accumulated Depreciation	Attach O-CMMPA Agency, p 2, lines 8+8a col 5	0	
2	Net Transmission Plant - Total	Attach O-CMMPA Agency, p2, line 14+14a col 5 (Note B)	0	
O&M TRANSMISSION EXPENSE				
3	Total O&M Allocated to Transmission	Attach O-CMMPA Agency, p 3, line 8 col 5	0	
3a	Transmission O&M	Attach O-CMMPA Agency, p 3, line 1 col 5	0	
3b	Less: LSE Expenses included in above, if any	Attach O-CMMPA Agency, p 3, line 1a col 5, if any	0	
3c	Less: Account 565 included in above, if any	Attach O-CMMPA Agency, p 3, line 2 col 5, if any	0	
3d	Adjusted Transmission O&M	Line 3a minus Line 3b minus Line 3c	0	
4	Annual Allocation Factor for Transmission O&M	(line 3d divided by line 1a, col 3)	0.00%	0.00%
OTHER O&M EXPENSE				
4a	Other O&M Allocated to Transmission	Line 3 minus Line 3d	0	
4b	Annual Allocation Factor for Other O&M	Line 4a divided by Line 1, col 3	0.00%	0.00%
GENERAL AND COMMON (G&C) DEPRECIATION EXPENSE				
5	Total G&C Depreciation Expense	Attach O-CMMPA Agency, p 3, lines 10 & 11, col 5 (Note H)	0	
6	Annual Allocation Factor for G&C Depreciation Expense	(line 5 divided by line 1, col 3)	0.00%	0.00%
TAXES OTHER THAN INCOME TAXES				
7	Total Other Taxes	Attach O-CMMPA Agency, p 3, line 20 col 5	0	
8	Annual Allocation Factor for Other Taxes	(line 7 divided by line 1, col 3)	0.00%	0.00%
9	Annual Allocation Factor for Other Expense	Sum of lines 4b, 6 and 8		0.00%
INCOME TAXES				
10	Total Income Taxes	Attach O-CMMPA Agency, p 3, line 27 col 5	0	
11	Annual Allocation Factor for Income Taxes	(line 10 divided by line 2, col 3)	0.00%	0.00%
RETURN				
12	Return on Rate Base (Note I)	Attach O-CMMPA Agency, p 3, line 28 col 5	0	
13	Annual Allocation Factor for Return on Rate Base	(line 12 divided by line 2, col 3)	0.00%	0.00%
14	Annual Allocation Factor for Return	Sum of line 11 and 13		0.00%
CALCULATION FOR PREMIUM RETURN FOR HYPOTHETICAL CAPITAL STRUCTURE RETURN (HCSR)				
15	Hypothetical Capital Structure Return (HCSR)	Attach O-CMMPA Agency, p 4, line 30d col 5	0.00%	0.00%
16	Annual Allocation Factor for Return for HCSR			0.00%

Formula Rate calculation

Rate Formula Template
Utilizing Attachment O-CMMPA Agency Data

Company Name

Multi-Value Project (MVP) Revenue Requirement Calculation

(1)	(2)	(3)	(3a)	(3b)	(3c)	(4)	(4a)	(5)	(6)	(7)	(7a)	(8)	(9)	(10)	(11)	(12)
Line No.	Project Name	MTEP Project Number	Project Gross Plant	Project Accumulated Depreciation	Transmission O&M Annual Allocation Factor	Annual Allocation for Transmission O&M Expense	Annual Allocation for Other Expense	Annual Expense Charge	Project Net Plant	Annual Allocation Factor for Return	Annual Allocation Factor for Premium for Incentive Return	Annual Return Charge	Project Depreciation Expense	Annual Revenue Requirement	True-Up Adjustment	MVP Annual Adjusted Revenue Requirement
Note K & L		(Note C)		(Page 1, Line 4)	(Col. 3a * Col. 4)	(Page 1 line 9)	(Col. 3 * Col. 4)	(Col. 3 * Col. 4)	(Col. 3 * Col. 4)	(Page 1 line 14)	(Page 1, line 16, Column 4)	(Col. 6 * Col. 7a)	(Note E)	(Sum Col. 5, 8 & 9)	(Note F)	Sum Col. 10 & 11 (Note G)

Multi-Value Projects (MVP)

1a	Project 1	P1	\$ -	\$ -	0.00%	-	0.00%	\$ -	\$0	\$ -	0.00%	0.00%	\$0	\$0	\$0	\$ - 0
1b	Project 2	P2	\$ -	\$ -	0.00%	-	0.00%	\$ -	\$0	\$ -	0.00%	0.00%	\$0	\$0	\$0	\$ - 0
1c	Project 3	P3	\$ -	\$ -	0.00%	-	0.00%	\$ -	\$0	\$ -	0.00%	0.00%	\$0	\$0	\$0	\$ - 0
2	MVP Total Annual Revenue Requirements													\$0	\$0	\$0
3	Rev. Req. Adj For Attachment O-CMMPA Agency													\$0		

Note
Letter

- A Gross Transmission Plant is that identified on page 2 line 2 of Attachment O-CMMPA Agency and includes any sub lines 2a or 2b etc. and is inclusive of any CWIP included in rate base when authorized by FERC order.
- B Net Transmission Plant is that identified on page 2 line 14 of Attachment O-CMMPA Agency and includes any sub lines 14a or 14b etc. and is inclusive of any CWIP included in rate base when authorized by FERC order.
- C Project Gross Plant is the total capital investment for the project calculated in the same method as the gross plant value in line 1 and includes CWIP in rate base when authorized by FERC order less any prefunded AFUDC, if applicable. This value includes subsequent capital investments required to maintain the facilities to their original capabilities.
- E Project Depreciation Expense is the actual value booked for the project and included in the Depreciation Expense in Attachment O page 3 line 12.
- F True-Up Adjustment is included pursuant to a FERC approved methodology if applicable.
- G The MVP Annual Revenue Requirement is the value to be used in Schedules 26-A and 39.
- H The Total General and Common Depreciation Expense excludes any depreciation expense directly associated with a project and thereby included in page 2 column 13.
- I Return using the CMMPA actual capital structure.
- J This is the premium for projects receiving the hypothetical capital structure return (HCSR).
- K The projects listed include projects that qualify or 100% CWIP recovery. These projects do not include any AFUDC in the CWIP balances or plant in service balances.
- L The plant listed includes any unamortized balances related to the recovery or abandoned plant costs for the projects approved by FERC. No abandoned plant cost will be included until approved by FERC under a separate docket.

MISO
FERC Electric Tariff
ATTACHMENTS

ATTACHMENT MM
CMMPA Agency
~~7.0.0~~, [30.0.0](#)

**ATTACHMENT MM - ATCLLC
MULTI-VALUE PROJECT CHARGE (“MVP Charge”)**

1 Multi-Value Projects:

This Attachment MM – ATCLLC sets forth the method for collecting the charges associated with Multi-Value Projects (MVPs) and for distributing the revenues associated with such charges in accordance with Schedule 26-A. This Attachment MM – ATCLLC applies to those MVPs that are determined under Attachment FF to be subject to this Attachment MM – ATCLLC that are not subject to the cost recovery provisions of Attachment N. The charges under this Attachment MM – ATCLLC shall be in addition to any charges under Schedules 7, 8, 9, and 26.

2 Multi-Value Projects Annual Revenue Requirements (“MVP Revenue Requirements”):

- (a) Each year, in accordance with the provisions of Attachment FF, the Transmission Provider shall publish a cumulative list of all eligible MVPs by Transmission Owner and/or ITCs by Project in Appendix A of the MTEP.
- (b) The revenue requirement for each MVP shall be the annual revenue requirement as computed in Section 3 below. In conjunction with providing its annual Attachment O – ATCLLC, ATCLLC shall furnish to the Transmission Provider its annual revenue requirement for each MVP subject to this Attachment MM – ATCLLC as calculated in Section 3 below.
- (c) For purposes of preparing the Attachment MM – ATCLLC, ATCLLC must utilize the same test period that is utilized in the preparation of its Attachment O – ATCLLC. Projects that are recorded in construction work in progress (CWIP) but not yet in-service in the annual revenue requirement calculation may be included in Attachment MM – ATCLLC.
- (d) In order to prevent over recovery of Attachment O – ATCLLC revenue, the revenue requirement calculated pursuant to Attachment MM – ATCLLC will be subtracted by ATCLLC from its Attachment O – ATCLLC revenue requirement.

3 Calculation of the MVP Annual Revenue Requirement:

- (a) The MVP Annual Revenue Requirement shall be calculated as follows:
 - i. Annual Allocation Factors shall be calculated for the following six (6) cost of service elements, expressed as a percentage, using the formulae included in this Attachment MM – ATCLLC which utilizes select entries from the currently effective Attachment O – ATCLLC:
 - 1) Transmission Operation and Maintenance Expense
 - 2) Other Operation and Maintenance Expense
 - 3) General and Common Depreciation Expense
 - 4) Taxes Other Than Income Taxes
 - 5) Income Taxes
 - 6) Return

- ii. Subsections (iii) through (x) describe the calculation of the Annual Allocation Factors using references to the Attachment O – ATCLLC, FERC Form 1, formula rate.
- iii. The Annual Allocation Factor for Transmission Operation and Maintenance shall be determined by dividing the sum of Attachment O – ATCLLC, Page 3, Line 1, Column 5 minus Attachment O – ATCLLC, Page 3, Line 1a, Column 5, if any, minus Attachment O – ATCLLC, Page 3, Line 2, Column 5, if any, minus Preliminary and Survey and Investigation (Pre-certification) expense included in Attachment O – ATCLLC, P 3, line 1 col 5, by the amount of Transmission Accumulated Depreciation included on Attachment O – ATCLLC, Page 2, Line 8a, Column 5.
- iv. The Annual Allocation Factor for Other Operation and Maintenance shall be determined by dividing the sum of the amount included on Attachment O - ATCLLC, Page 3, Line 8, Column 5, minus Pre-certification expense included in Attachment O – ATCLLC, P 3, line 1 col 5, minus the Adjusted Transmission O&M amount calculated in (iii) above and reflected on Attachment MM - ATCLLC, Page 1, Line 3d by the sum of the Gross Transmission Plant in Service included on Attachment O – ATCLLC, Page 2, Line 2a, Column 5 plus the CWIP included in Rate Base included on Attachment O – ATCLLC, Page 2, Line 2b.
- v. The Annual Allocation Factor for General and Common Depreciation Expense shall be determined by dividing the amount included on Attachment O – ATCLLC, Page 3, Lines 10 & 11, Column 5 by the sum of Gross Transmission Plant In-Service included on Attachment O – ATCLLC, Page 2, Line 2a, Column 5 plus the CWIP included in Rate Base included on Attachment O – ATCLLC, Page 2, Line 2b.
- vi. The Annual Allocation Factor for Other Taxes shall be determined by dividing the amount included on Attachment O – ATCLLC, Page 3, Line 20, Column 5 by the sum of Gross Transmission Plant In-Service included on Attachment O – ATCLLC, Page 2, Line 2a, Column 5 plus the CWIP included in Rate Base included on Attachment O – ATCLLC, Page 2, Line 2b.
- vii. The Annual Allocation Factor for Other Expense shall be the sum of (iv), (v) and (vi) above.
- viii. The Annual Allocation Factor for Income Tax shall be determined by dividing the amount included on Attachment O – ATCLLC, Page 3, Line 27, Column 5 by the amount included for the Net Transmission Plant In-Service Attachment MM – ATCLLC, Page 1, Line 2. The Net Transmission Plant In-Service shall include any CWIP included in Rate Base.
- ix. The Annual Allocation Factor for Return on Rate Base shall be determined by dividing the amount included on Attachment O – ATCLLC, Page 3, Line 28, Column 5 by the amount of Net Transmission Plant In-Service included on

Attachment MM – ATCLLC, Page 1, Line 2. The Net Transmission Plant In-Service shall include any CWIP included in Rate Base.

- x. The Annual Allocation Factor for Return shall be the sum of (viii) and (ix) above.
- xi. The MVP Annual Revenue Requirement for each individual Project subject to this Attachment MM – ATCLLC shall be the sum of (a) Annual Expense Charge, (b) Annual Return Charge, (c) Project Depreciation Expense, (d) Preliminary Survey and Investigation expense, and (e) any applicable True-Up Adjustment, where:
 - 1) Annual Expense Charge equals the sum of (a) the Project’s Accumulated Depreciation multiplied by the Annual Allocation Factor for Transmission Operation and Maintenance calculated in (iii) above, and (b) the Project’s Gross Plant multiplied by the Annual Allocation Factor For Other Expense calculated in (vii) above;
 - 2) Annual Return Charge equals the Project’s Net Plant multiplied by the Annual Allocation Factor for Return calculated in (x) above;
 - 3) Depreciation Expense equals the actual value booked, or projected to be booked for forward-looking rate periods, for the Project and included in Attachment O – ATCLLC, Page 3, Line 12, column 5;
 - 4) Preliminary Survey and Investigation expense (pre-certification costs) equals the actual value booked, or projected to be booked for forward-looking rate periods, for the Project and included in Attachment O – ATCLLC, Page 3, Line 1, Column 5.
 - 5) True-Up Adjustment equals any applicable Attachment MM – ATCLLC true-up amount calculated under a FERC-accepted mechanism for ATCLLC; and
 - 6) The Project’s Gross Plant and Net Plant values shall be the respective balances for the facilities comprising the Project as incorporated in the Gross Plant values from Attachment O – ATCLLC as identified in (iv), (v) and (vi) above and Net Plant values from Attachment MM – ATCLLC as identified in (viii) and (ix) above. These balances shall reflect any retirements or subsequent like kind replacements associated with the ongoing maintenance of the facilities identified in the project.
- xii. Each individual Project shall be identified separately as a sub-row of line 1 on page 2 of the Attachment MM – ATCLLC template attached, to be identified as line 1a, 1b, etc. ATCLLC shall add additional sub-rows to line 1 as needed to accommodate additional Projects.

(Note: An example of the operation of this MVP Annual Revenue Requirement is appended to this Attachment MM – ATCLLC)

4 The MVP Usage Rate (MUR)

- (a) The MUR is a MISO system-wide rate charged via Schedule 26-A. The revenue requirements used to derive the MUR are the aggregate of the revenue requirements of each Transmission Owner's pro forma Attachment MM or company-specific Attachment MM, including Attachment MM – ATCLLC. As the MUR is a single, MISO system-wide rate, please refer to Section 4 of the *pro forma* Attachment MM for a complete description and application of the development of the MUR.

5 Nothing contained in this Attachment MM – ATCLLC shall limit the right of ATCLLC under Section 205 of the Federal Power Act and consistent with the ISO Agreement to file with the Commission individually and unilaterally to recover the cost of a MVP in a manner other than that specified in this Attachment MM – ATCLLC, including, but not limited to recover rate incentives not specified herein and to recover the cost of MVPs through its pricing zone rates under Schedules 7, 8, and 9 as calculated pursuant to Attachment O – ATCLLC.

Formula Rate calculation

Attachment MM - ATCLLC
 Rate Formula Template
 Utilizing Attachment O - ATCLLC Data

 American Transmission Company LLC

For the 12 months ended / /
 Page 1 of 2

To be completed in conjunction with Attachment O - ATCLLC.
 (inputs from Attachment O - ATCLLC are rounded to whole dollars)

Line No.	(1)	(2) Attachment O - ATCLLC Page, Line, Col.	(3) Transmission	(4) Allocator
1	Gross Transmission Plant - Total	Attach O - ATCLLC, p 2, line 2a and 2b col 5 (Note A)	0	
1a	Transmission Accumulated Depreciation	Attach O - ATCLLC, p 2, line 8a and 8b col 5 (Note A)	<u>0</u>	
2	Net Transmission Plant - Total	Line 1 minus Line 1a (Note B)	-	
	O&M TRANSMISSION EXPENSE			
3	Total O&M Allocated to Transmission	Attach O - ATCLLC, p 3, line 8 col 5	-	
3a	Transmission O&M	Attach O - ATCLLC, p 3, line 1 col 5	-	
3a1	Less Preliminary Survey and Investigation Adjustment (Note I)	Preliminary and Survey Expense included in Attach O – ATCLLC, P 3, line 1 col 5	-	
3b	Less: LSE Expenses included in above, if any	Attach O - ATCLLC, p 3, line 1a col 5	-	
3c	Less: Account 565 included in above, if any	Attach O - ATCLLC, p 3, line 2 col 5	<u>-</u>	
3d	Adjusted Transmission O&M	Line 3a minus Lines 3a1, 3b and 3c	-	
4	Annual Allocation Factor for Transmission O&M	(Line 3d divided by line 1a, col 3)	0.00%	0.00%
	OTHER O&M EXPENSE			
4a	Other O&M Allocated to Transmission	Line 3 minus Lines 3d and 3a1	-	
4b	Annual Allocation Factor for Other O&M	Line 4a divided by Line 1, col 3	0.00%	0.00%
	GENERAL AND COMMON (G&C) DEPRECIATION EXPENSE			
5	Total G&C Depreciation Expense	Attach O - ATCLLC, p 3, lines 10 & 11, col 5 (Note H)	-	
6	Annual Allocation Factor for G&C Depreciation Expense	(line 5 divided by line 1 col 3)	0.00%	0.00%
	TAXES OTHER THAN INCOME TAXES			
7	Total Other Taxes	Attach O - ATCLLC, p 3, line 20 col 5	-	
8	Annual Allocation Factor for Other Taxes	(line 7 divided by line 1 col 3)	0.00%	0.00%
9	Annual Allocation Factor for Other Expense	Sum of line 4b, 6, and 8	0.00%	0.00%
	INCOME TAXES			
10	Total Income Taxes	Attach O - ATCLLC, p 3, line 27 col 5	-	
11	Annual Allocation Factor for Income Taxes	(line 10 divided by line 2 col 3)	0.00%	0.00%
	RETURN			
12	Return on Rate Base	Attach O - ATCLLC, p 3, line 28 col 5	-	
13	Annual Allocation Factor for Return on Rate Base	(line 12 divided by line 2 col 3)	0.00%	0.00%
14	Annual Allocation Factor for Return	Sum of line 11 and 13	0.00%	0.00%

Formula
 Rate
 calculation

Rate Formula Template

Utilizing Attachment O - ATCLLC Data

American Transmission Company LLC

**Multi-Value Project (MVP) Revenue Requirement
 Calculation**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
Line No.	Project Name	MTEP Project Number	Project Gross Plant	Project Accumulated Depreciation	Transmission O&M Annual Allocation Factor	Annual Allocation for Transmission O&M Expense	Other Expense Annual Allocation Factor	Annual Allocation for Other Expense	Annual Expense Charge	Project Net Plant	Annual Allocation Factor for Return
					Page 1 line 4	(Col 4 * Col 5)	Page 1 line 9	(Col 3 * Col 7)	(Col 6 + Col 8)	(Col 3 - Col 4)	(Page 1 line 14)
(Note C)											
Multi-Value Projects (MVP)											
1a		\$ -	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	0.00%
1c		\$ -	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	0.00%
1b		\$ -	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	0.00%
1d		\$ -	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	0.00%
1e		\$ -	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	0.00%
1f		\$ -	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	0.00%
1g		\$ -	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	0.00%
1h		\$ -	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	0.00%
1i		\$ -	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	0.00%
1j		\$ -	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	0.00%
1k		\$ -	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	0.00%
1l		\$ -	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	0.00%
1m		\$ -	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	0.00%
1n		\$ -	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	0.00%
1o		\$ -	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	0.00%
1p		\$ -	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	0.00%
1q		\$ -	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	0.00%
1r		\$ -	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	0.00%
1s		\$ -	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	0.00%
1t		\$ -	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	0.00%
1u		\$ -	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	0.00%
1v		\$ -	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	0.00%

1w	\$	-	\$	-	0.00%	\$	-	0.00%	\$	-	\$	-	0.00%
1x	\$	-	\$	-	0.00%	\$	-	0.00%	\$	-	\$	-	0.00%

2 MVP Total Annual Revenue Requirements

3 Rev. Req. Adj For Attachment O -
 ATCLLC

Note

Letter

- A Gross Transmission Plant is that identified on page 2 lines 2a and 2b of Attachment O - ATCLLC and is inclusive of any CWIP included in rate base. Transmission Accumulated D
- B Net Transmission Plant is that identified on page 2 lines 14a and 14b of Attachment O - ATCLLC and is inclusive of any CWIP included in rate base.
- C Project Gross Plant is the total capital investment for the project calculated in the same method as the gross plant value in line 1 and includes CWIP in rate base. This value includ
- D Note deliberately left blank.
- E Project Depreciation Expense is the actual value booked for the project and included in the Depreciation Expense in Attachment O - ATCLLC page 3 line 12.
- F True-Up Adjustment is included pursuant to Attachment MM - ATCLLC Annual True-up Procedure.
- G The MVP Annual Revenue Requirement is the value to be used in Schedule 26-A.
- H The Total General and Common Depreciation Expense excludes any depreciation expense directly associated with a project and thereby included in page 2 column 13.
- I Preliminary Survey and Investigation expense (pre-certification costs) equals the actual value booked, or projected to be booked for forward-looking rate periods, for all of the MIS
- J Preliminary Survey and Investigation expense (pre-certification costs) equals the actual value booked, or projected to be booked for forward-looking rate periods, for each of the M

ATTACHMENT MM-ATCLLC
ANNUAL TRUE-UP PROCEDURE
FOR AMERICAN TRANSMISSION COMPANY LLC

1. Applicability

This Attachment MM – ATCLLC Annual True-Up Procedure shall be applicable to American Transmission Company LLC (“ATCLLC”).

2. True-Up Procedure

ATCLLC shall determine its annual revenue requirement for the purposes of Section 2(b) of Attachment MM - ATCLLC using the same projected information that is used to calculate its Attachment O revenue requirement for the period beginning January 1 of each year (“Projected Year”). ATCLLC shall recalculate its revenue requirement for each project entitled to treatment under Attachment MM – ATCLLC in conjunction with its annual recalculation of its Attachment O revenue requirement. ATCLLC shall make available to customers (including any other interested party) its projected revenue requirement for Attachment MM – ATCLLC, including all inputs in sufficient detail to identify the components of ATCLLC’s revenue requirement for Attachment MM – ATCLLC including any amounts representing a true-up adjustment determined as set forth below. Any adjustments to the revenue requirement relating to the difference between the actual revenue requirement and the actual revenue received for Attachment MM – ATCLLC (“True-up Amount”) shall be determined in the following manner:

- (1) In the year following the Projected Year (“the Succeeding Year”), in conjunction with the next succeeding update of its Attachment O revenue requirement with actual data, completed pursuant to ATCLLC’s FERC Form No. 1, the actual revenue requirement for Attachment MM – ATCLLC (calculated in accordance with Attachment MM – ATCLLC

of the Tariff) for each project for the Projected Year shall be determined based upon the actual amounts incurred. For the Projected Year, the actual revenue requirement for each project shall be compared to the Schedule 26-A revenues distributed to ATCLLC allocated proportionately to all projects used to determine the aggregate projected revenue requirement during the Projected Year to determine any difference between the actual revenue requirement for each project under Attachment MM – ATCLLC and the revenues distributed. If the actual revenue requirement for a project for the Projected Year is more than the actual revenue received during the Projected Year (*i.e.*, an under-collection), then the difference shall be added to the revenue requirement for such project for the second year following the Projected Year (the “True Up Year”). If the actual revenue requirement for the Projected Year for a project is less than the actual revenue received during the Projected Year (*i.e.*, an over-collection), then the difference shall be subtracted from the revenue requirement for that project for the True Up Year.

The differences between the actual revenue requirement and the revenue received shall be posted, on a project specific basis, to ATCLLC’s page of the Transmission Provider’s OASIS no later than June 1 of the Succeeding Year, following the issuance of the FERC Form No. 1 for the Projected Year. Such true-up amount shall be added to or subtracted from the revenue requirement to determine the revenue requirement for the True Up Year as determined in accordance with Attachment MM – ATCLLC. Interest on the aggregate difference between the actual revenue requirement and the aggregate revenue received will be determined as set forth below and shall be allocated proportionately to each project’s contribution to the aggregate difference and then added to or subtracted from their respective revenue requirement for the True Up Year to determine the total revenue

- requirement for the True Up Year. ATCLLC shall provide explanations of true-up amounts and the corresponding interest calculations in response to inquiries and shall post on the OASIS information regarding frequently asked questions.
- (2) Interest on any aggregate over recovery of the revenue requirement shall be determined in accordance with the Commission's interest rate on refunds (18 C.F.R § 35.19a). An average of the interest rates will be used to calculate the time value of money, from the mid-point of the Projected Year to the mid-point of the True-up Year. The average interest rate will be determined using the same period as is used for ATCLLC's Attachment O true-up calculation. The resulting interest component of the true-up will be included in the Attachment MM – ATCLLC revenue requirement for the True-up Year. Interest on any aggregate under recovery of the revenue requirement shall be determined using the same methodology except that the interest rate will be equal to ATCLLC's actual short-term debt costs, capped at the Commission's interest rate on refunds as provided in 18 C.F.R. § 35.19a.
- (3) The revenue requirement for Attachment MM – ATCLLC for the True-up Year shall be the sum of the Attachment MM – ATCLLC revenue requirement for the True-up Year, plus or minus the true-up from the Projected Year, if any, including the average interest for two years, as explained above.

3. Example

Assumptions:

ATCLLC's projected 2012 revenue requirement for an Attachment MM project is \$20,000,000.

ATCLLC's actual 2012 revenue requirement for the Attachment MM project calculated based on financial data available in May 2013 is \$19,500,000.

Actual 2012 Schedule 26-A revenues distributed to ATCLLC for the project is \$19,762,500.

True-Up Calculation (Assumes one Project used to determine Projected Revenue

Requirement):

There is an over recovery of the revenue requirement equal to \$262,500 ($\$19,762,500 - \$19,500,000 = \$262,500$). Interest will be added through June 30, 2014, the mid-point of the True-up Year.

The True-up Adjustment with interest shall be included in the 2014 revenue requirement for Attachment MM – ATCLLC and estimated rates that shall be made available to any interested party in conjunction with ATCLLC's posting of its 2014 projected Attachment O revenue requirement. The new rates will take effect on January 1, 2014.

- 2) From the actual Attachment MM - ATCLLC (page 2 column 16) calculated in conjunction with the projected Attachment O - ATCLLC used for setting billing rates.
- 3) The "revenue received" is the total amount of revenue distributed to ATCLLC pursuant to Attachment MM in the Current Year.
- 4) Interest calculated in accordance with the Attachment O - ATCLLC True-Up Interest calculation methodology based on the Aggregate Attachment MM - ATCLLC True-Up.