

ATTACHMENT MM

MULTI-VALUE PROJECT CHARGE (“MVP Charge”)

1 Multi-Value Projects:

This Attachment MM sets forth the method for calculating and 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 MVPs in the MISO Midwest MVP Cost Allocation Subregion, the MISO South MVP Cost Allocation Subregion, or the MISO system-wide footprint that are determined under Attachment FF and Attachment XX 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, 26-B, 26-C, 26-E, 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, or that will be Competitive Transmission Projects, 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(s) calculated pursuant to Attachment MM (excluding any True-Up Adjustment(s)) 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(s) 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(s), including all inputs in sufficient detail to identify

the components of its MVP Revenue Requirement(s), including any amounts representing a True-Up Adjustment(s), 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 or ITCs 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.
- (i) Revenue requirements for non-Transmission Owner or non-ITC Selected Developer Competitive Transmission Facilities that are MVPs for which the non-Transmission Owner or non-ITC Selected Developers or non-Transmission Owner or non-ITC Proposal Participants recover Competitive Transmission Facility revenue requirements in accordance with Schedule 48, as authorized by FERC, will be included in the determination of the MUR under this Attachment MM for charges and revenue distributions under Schedule 26-A. Updates to revenue requirements under Schedule 48 shall be submitted to the Transmission Provider in accordance with Schedule 48 or its designated formula rate protocols.

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 less any amortized prefunded AFUDC balance, if applicable.
- 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 or ITC shall add additional sub-rows to Line 1 as needed to accommodate additional Projects.
- xiii. Line 4 on Page 2 of the Attachment MM template shall be the sum of all projects identified in Lines 1 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO Midwest MVP Cost Allocation Subregion

identified in Attachment XX or MVPs approved prior to May 19, 2022 and located in the MISO Midwest MVP Cost Allocation Subregion.

xiv. Line 5 on Page 2 of the Attachment MM template shall be the sum of all projects identified in Lines 1 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO South MVP Cost Allocation Subregion identified in Attachment XX.

xv. Line 6 on Page 2 of the Attachment MM template shall be the sum of all projects identified in Lines 1 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO system-wide footprint.

(b) The applicable 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.iii shall be the sum of the applicable MVP Annual Revenue Requirements for MVPs of Transmission Owners and/or ITCs calculated pursuant to Section 3(a) of this Attachment MM and the applicable 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.iii shall be determined as follows:

i. For the MISO Midwest MVP Cost Allocation Subregion MUR in Section 5.a.i, the Total MVP Annual Revenue

Requirement shall include the MVP Annual Revenue Requirement for an MVP approved as part of a Portfolio with benefits spread broadly across the MISO Midwest MVP Cost Allocation Subregion identified in Attachment XX or MVPs approved prior to May 19, 2022 and located in the MISO Midwest MVP Cost Allocation Subregion;

- ii. For the MISO South MVP Cost Allocation Subregion MUR in Section 5.a.ii, the Total MVP Annual Revenue Requirement shall include the MVP Annual Revenue Requirement for an MVP approved as part of a Portfolio with benefits spread broadly across the MISO South MVP Cost Allocation Subregion identified in Attachment XX; and
- iii. For the MISO System-Wide MUR in Section 5.a.iii, the MISO System-Wide Total MVP Annual Revenue Requirement shall include the MVP Annual Revenue Requirement for an MVP approved as part of a Portfolio with benefits spread broadly across the MISO system-wide footprint.

4 Calculation of Attachment MM True-Up Adjustment

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

- (a) The applicable Attachment MM True-Up Adjustment template requires the determination of each Transmission Owner's and ITC's revenue requirement under this Attachment MM on both a projected basis and an actual basis. The Transmission Owner's or ITC's projected Attachment MM revenue requirement will be prepared in conformance with its projected Attachment O revenue requirements and the Transmission Owner's and ITC's actual

Attachment MM revenue requirements will be prepared in conformance with its actual Attachment O revenue requirements. Transmission Owners and ITCs 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 and ITC 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 or ITC, 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 or ITC'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 LLC, Minnesota Power (and its subsidiary Superior Water, L&P), Otter Tail Power Company, MidAmerican Energy Company, Montana-Dakota Utilities Co., Central Minnesota Municipal Power Agency, Dairyland Power Cooperative, Prairie Power, Inc., Willmar Municipal Utilities, Cedar Falls Utilities, Pioneer Transmission, and Northern States Power Company. 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, and Michigan Electric Transmission Company, LLC. 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 MISO Midwest MVP Cost Allocation Subregion, MISO South MVP Cost Allocation Subregion, or MISO system-wide footprint pursuant to Attachment FF and Attachment XX, 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 or Monthly Net Actual Energy Withdrawals associated with Electric Storage Resource Transactions, and (ii) Schedule 39 to the Withdrawing Transmission Owners with WTO MNAEW Excluding GFAs as defined in Schedule 39. Applicable 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

Weighting factors shall be calculated twice a year depending on whether a Transmission Owner or ITC calculates its revenue requirements based on historical or forward-looking data. Transmission Owners or ITCs 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 or ITCs 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 Total MVP Annual Revenue Requirements. The calculation and applicability for each monthly MUR is described in Section 5.a.i to Section 5.a.iii as follows:

- Effective On: January 1, 2025

Allocation Subregion (MISO Midwest Monthly Real-Time Export Schedules) + monthly Real-Time Through Schedules with an Interchange Schedule Delivery Point at an Interface associated with the MISO Midwest MVP Cost Allocation Subregion (MISO Midwest Monthly Real-Time Through Schedules) + Applicable MISO Midwest WTO MNAEW Including GFAs as defined in Schedule 39 + MWhs of service provided under GFAs in the MISO Midwest MVP Cost Allocation Subregion)

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

Applicable Month Prior Year Withdrawals in MISO Midwest MVP Cost Allocation Subregion / Applicable Total Prior Year Withdrawals in the MISO Midwest MVP Cost Allocation Subregion.

The Applicable Month Prior Year Withdrawals in the MISO Midwest MVP Cost Allocation Subregion are the sum of the applicable month prior year MISO Midwest Monthly Net Actual Energy Withdrawals + applicable month prior year MISO Midwest WTO MNAEW Excluding GFAs as defined in Schedule 39 + applicable month prior year MISO Midwest Monthly Real-Time Export Schedules with an Interchange Schedule Delivery Point at an Interface associated with the Total Prior MISO Midwest MVP Cost Allocation Subregion + applicable month prior year MISO Midwest Monthly Real-Time Through Schedules with an Interchange Schedule Delivery Point at an Interface associated with MISO Midwest MVP Cost Allocation Subregion.

The Applicable Total Prior Year Withdrawals in the MISO Midwest MVP Cost Allocation Subregion are the sum of the total prior year Net Actual Energy Withdrawals in the MISO Midwest MVP Cost Allocation Subregion + applicable total prior year MISO Midwest WTO MNAEW Excluding GFAs as defined in Schedule 39 + total prior year Real-Time Export Schedules with an Interchange Schedule Delivery Point at an Interface associated with the MISO Midwest MVP Cost Allocation Subregion + total prior year Real-Time Through Schedules with an Interchange Schedule Delivery Point at an Interface associated with the MISO Midwest MVP Cost Allocation Subregion.

2. Except as provided in Section 5.a, the MISO Midwest MUR calculated in Section 5.a.i will be charged monthly, in accordance with the Transmission Settlements Business Practices Manual, to Market Participants with Monthly Net Actual Energy Withdrawals in the MISO Midwest MVP Cost Allocation Subregion, applicable WTO MNAEW Excluding GFAs in the MISO Midwest MVP Cost Allocation Subregion as defined in Schedule 39, Real-Time Export Schedules with an Interchange Schedule Delivery Point at an Interface associated with the MISO Midwest MVP Cost Allocation Subregion, and Real-Time Through Schedules with an Interchange Schedule Delivery Point at an Interface associated with the MISO Midwest MVP Cost Allocation Subregion.
 - ii. The monthly MUR for an MVP approved as part of a Portfolio with benefits spread broadly across the MISO South MVP Cost Allocation Subregion identified in Attachment XX (“MISO South MUR”) shall be calculated as follows:

(MISO South Total MVP Annual Revenue Requirements in the MISO South MVP Cost Allocation Subregion *
Monthly Withdrawal Weighting Factor for the MISO South MVP Cost Allocation Subregion (MISO South Monthly
Withdrawal Weighting Factor)) / (Monthly Net Actual Energy Withdrawals in the MISO South MVP Cost Allocation
Subregion (MISO South Monthly Net Energy Withdrawals) + monthly Real-Time Export Schedules with an
Interchange Schedule Delivery Point at an Interface associated with the MISO South MVP Cost Allocation Subregion
(MISO South Monthly Real-Time Export Schedules) + monthly Real-Time Through Schedules with an Interchange
Schedule Delivery Point at an Interface associated with the MISO South MVP Cost Allocation Subregion (MISO South
Monthly Real-Time Through Schedules) + Applicable MISO South WTO MNAEW Including GFAs as defined in
Schedule 39 + MWhs of service provided under GFAs in the MISO South MVP Cost Allocation Subregion)

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

Applicable Month Prior Year Withdrawals in the MISO South MVP Cost Allocation Subregion / Applicable Total
Prior Year Withdrawals in the MISO South MVP Cost Allocation Subregion

The Applicable Month Prior Year Withdrawals in the MISO South MVP Cost Allocation Subregion are the sum of
the applicable month prior year MISO South Monthly Net Actual Energy Withdrawals + applicable month prior
year MISO South WTO MNAEW Excluding GFAs as defined in Schedule 39 + applicable month prior year MISO

South Real-Time Export Schedules with an Interchange Schedule Delivery Point at an Interface associated with the Total Prior MISO South MVP Cost Allocation Subregion + applicable month prior year monthly MISO South Real-Time Through Schedules with an Interchange Schedule Delivery Point at an Interface associated with MISO South MVP Cost Allocation Subregion.

The Applicable Total Prior Year Withdrawals in the MISO South MVP Cost Allocation Subregion are the sum of the total prior year Net Actual Energy Withdrawals in the MISO South MVP Cost Allocation Subregion + applicable prior year MISO South WTO MNAEW Excluding GFAs as defined in Schedule 39 in the MISO South MVP Cost Allocation Subregion + total prior year Real-Time Export Schedules with an Interchange Schedule Delivery Point at an Interface associated with the MISO South MVP Cost Allocation Subregion + total prior year Real-Time Through Schedules with an Interchange Schedule Delivery Point at an Interface associated with the MISO South MVP Cost Allocation Subregion.

2. Except as provided in Section 5.a, the MISO South MUR calculated in Section 5.a.ii will be charged monthly, in accordance with the Transmission Settlements Business Practices Manual, to Market Participants with Monthly Net Actual Energy Withdrawals in the MISO South MVP Cost Allocation Subregion, applicable WTO MNAEW Excluding GFAs in the MISO South MVP Cost Allocation Subregion as defined in Schedule 39, Real-Time Export Schedules with an Interchange Schedule Delivery Point at an Interface associated with the MISO South MVP Cost

Allocation Subregion, and Real-Time Through Schedules with an Interchange Schedule Delivery Point at an Interface associated with the MISO South MVP Cost Allocation Subregion.

- iii. The monthly MISO System-Wide MUR for an MVP approved as part of a Portfolio with benefits spread broadly across the MISO system-wide footprint shall be calculated as follows:

$$\frac{(\text{MISO System-Wide Total MVP Annual Revenue Requirements} * \text{Monthly Withdrawal Weighting Factor for the MISO system-wide footprint (MISO System-Wide Monthly Withdrawal Weighting Factor)})}{(\text{Monthly Net Actual Energy Withdrawals in the MISO system-wide footprint (MISO System-Wide Monthly Net Actual Energy Withdrawals)} + \text{monthly Real-Time Export Schedules (MISO System-Wide Monthly Real-Time Export Schedules)} + \text{monthly Real-Time Through Schedules (MISO System-Wide Monthly Real-Time Through Schedules)} + \text{applicable MISO System-Wide WTO MNAEW Including GFAs as defined in Schedule 39} + \text{MWhs of service provided under GFAs in the MISO system-wide footprint})}$$

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

$$\frac{\text{Applicable Month Prior Year Withdrawals in the MISO system-wide footprint}}{\text{Applicable Total Prior Year Withdrawals in the MISO system-wide footprint}}$$

The Applicable Month Prior Year Withdrawals in the MISO system-wide footprint are the sum of the applicable prior year MISO System-Wide Monthly Net Actual Energy Withdrawals + applicable month prior year MISO System-Wide WTO MNAEW Excluding GFAs as defined in Schedule 39 + applicable month prior year MISO System-Wide Monthly Real-Time Export Schedules with an Interchange Schedule Delivery Point at an interface associated with the MISO system-wide footprint + applicable month prior year MISO System-Wide Monthly Real-Time Through Schedules with an Interchange Schedule Delivery Point at an interface associated with the MISO system-wide footprint.

The Applicable Total Prior Year Withdrawals in the MISO system-wide footprint are the sum of the total prior year Net Actual Energy Withdrawals in the MISO system-wide footprint + applicable total prior year MISO System-Wide WTO MNAEW Excluding GFAs as defined in Schedule 39 + total prior year Real-Time Export Schedules in the MISO system-wide footprint + total prior year Real-Time Through Schedules in the MISO system-wide footprint.

2. Except as provided in Section 5.a, the MISO System-Wide MUR calculated in Section 5.a.iii will be charged monthly, in accordance with the Transmission Settlements Business Practices Manual, to Market Participants with Monthly Net Actual Energy Withdrawals MISO system-wide footprint, applicable WTO MNAEW Excluding

GFAs in the MISO system-wide footprint as defined in Schedule 39, Real-Time Export Schedules in the MISO system-wide footprint, and Real-Time Through Schedules in the MISO system-wide footprint.

(b) Revenue collected through the MUR will be distributed in accordance with Schedules 26-A and 39.

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.

MISO
FERC Electric Tariff
ATTACHMENTS

ATTACHMENT MM
Multi-Value Project Charge (MVP Charge)
48.0.0

Formula Rate Calculation

Rate Formula Template
Utilizing Attachment O Data
Company Name

Attachment MM – Generic Company
For the 12 months ended 12/31/____

Page 1 of 2

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	Attach O, p 2, lines 2 & 3a col 5 less Note M (Note A)	0
1a	Transmission Accumulated Depreciation	Attach O, p 2, lines 8 & 9a col 5 less Note M (Note J)	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, lines 1 & 5b 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) (Note I)	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 plus Note M (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%

Effective On: January 1, 2025

MISO
FERC Electric Tariff
ATTACHMENTS

ATTACHMENT MM
Multi-Value Project Charge (MVP Charge)
48.0.0

RETURN				
12	Return on Rate Base	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%

Formula Rate Calculation

Rate Formula Template
Utilizing Attachment O Data
Company Name

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

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Multi-Value Project (MVP) Revenue Requirement Calculation

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
	Project Name	MT EP 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	Annual Return Charge	Project Depreciation Expense	Annual Revenue Requirement	True-Up Adjustment	MVP Annual Adjusted Revenue Requirement
Line No.																
			(Note C)	(Note K)	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	\$ -	\$ -	0.00%	\$ -	0.00%	\$0.00	\$0.00	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
1b	Project 2	P2	\$ -	\$ -	0.00%	\$ -	0.00%	\$0.00	\$0.00	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
1c	Project 3	P3	\$ -	\$ -	0.00%	\$ -	0.00%	\$0.00	\$0.00	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
2	MVP Total Annual Revenue Requirements													\$0	\$0	\$0
3	Rev. Req. Adj For Attachment O													\$0		
4	MISO Midwest MVP Cost Allocation Subregion Total MVP Annual Revenue Requirement (Note L)													\$0	\$0	\$0
5	MISO South MVP Cost Allocation Subregion Total MVP Annual Revenue Requirement (Note L)													\$0	\$0	\$0
6	MISO System-Wide Total MVP Annual Revenue Requirement (Note L)													\$0	\$0	\$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 associated with gross plant and CWIP, if applicable. Also includes Gross Energy Storage Plant identified as a transmission asset on page 2 line 3a of Attachment O less gross plant adjustment on Note M, line 1. 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 and Energy Storage Plant is that identified on page 2 lines 14 and 15a 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, but does not exclude project-specific amounts in Accounts 351.1, 351.2, or 351.3 (if applicable), 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, less any prefunded AFUDC amortization, if applicable, related to the project.
- 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. Also includes depreciation and amortization adjustment on Note M, line 4.
- 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.
- J Transmission Accumulated Depreciation that is identified on page 2 line 8 of Attachment O less any amortized prefunded AFUDC balance, if applicable. Includes Energy Storage Accumulated Depreciation identified as a transmission asset on page 2 line 9a of Attachment O less accumulated depreciation adjustment on Note M, line 2.
- K Project Accumulated Depreciation for the project is calculated in the same method as the Transmission Accumulated Depreciation value in line 1a.

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L Line 4 is only applicable to the MISO Midwest MVP Cost Allocation Subregion projects or MVPs approved prior to May 19, 2022 and located in the MISO Midwest MVP Cost Allocation Subregion. Line 5 is only applicable to the MISO South MVP Cost Allocation Subregion projects. Line 6 is only applicable to the MISO system-wide footprint projects approved as part of a Portfolio with benefits spread broadly across the MISO system-wide footprint that terminates in either the MISO Midwest MVP Cost Allocation Subregion or the MISO South MVP Cost Allocation Subregion as identified in Attachment XX.

M Gross plant, accumulated depreciation and general and common depreciation expense adjustments related to Accounts 351.1, 351.2 and 351.3.

	Company Total	TP	Transmission
1. Gross plant in Accounts 351.1, 351.2 and 351.3 (included in Attachment O, p 2, line 2).	\$- 0.00000	\$-	- Exclude from page 1, line 1
2. Accumulated depreciation related to Accounts 351.1, 351.2 and 351.3 (included in Attachment O, p 2, line 8).	\$- 0.00000	\$-	- Exclude from page 1, line 1a
3. Net plant for Accounts 351.1, 351.2 and 351.3.	\$-	\$-	
4. Depreciation & amortization related to Accounts 351.1, 351.2 and 351.3 (included in Attachment O, p 3, line 9).	\$- 0.00000	\$-	- Include with page 1, line 5

Effective On: January 1, 2025

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.**

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Attachment MM True-Up Adjustment for MISO Midwest MVP Cost Allocation Subregion – Project Basis

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

Company Name:
True-Up Year:
Note:

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
Line No.	Project Name	MTEP Project Number	Actual Attachment MM Revenues	Projected	Actual	Actual	True-Up	Applicable	True-Up	
				Annual	Attachment MM	Annual	Adjustment	Interest	Adjustment	Total
				Revenue	Allocated	Revenue	Principal	Rate on	Interest	True-Up
				Requirement ¹	to Projects ¹	Requirement ¹	Under/(Over)	Under/(Over)	Under/(Over)	Adjustment
Projected				[Col. (d), line 1	Actual			Col. (h) x Col. (i)		
Attachment MM p 2 of 2, Col. 14, Line 4 ²				x (Col. (e), line 2x / Col. (e), line 3)] ²	Attachment MM p 2 of 2, Col. 14, Line 4 ²	Col. (g) - Col. (f)	Line 5 or Line 6	x 24 months ²	Col. (h) + Col. (j)	
1	Actual Attachment MM revenues for True-Up Year ¹		\$ -							
2a				-	-	-	-	0.00%	-	-
2b				-	-	-	-	0.00%	-	-
2c				-	-	-	-	0.00%	-	-
2d				-	-	-	-	0.00%	-	-
3	Subtotal		\$	-	-	\$				
4	Under/(Over) Recovery						\$ -		\$ -	\$ -

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- | | | |
|---|--|-------|
| 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 Applicable amount for the MISO Midwest MVP Cost Allocation Subregion projects or MVPs approved prior to May 19, 2022, and located in the MISO Midwest MVP Cost Allocation Subregion and excludes True-Up Adjustment, as reported in True-Up Year projected Attachment MM, page 2, column 15
- ² Rounded to whole dollars

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Multi-Value Project Charge (MVP Charge)
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Attachment MM True-Up Adjustment for MISO Midwest MVP Cost Allocation Subregion– Aggregate

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

Company Name:
True-Up Year:
Note:

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
Line No.	Project Name	MTEP Project Number	Actual Attachment MM Revenues	Projected	Actual	Actual	True-Up	Applicable	True-Up	Total True-Up Adjustment
				Annual	Attachment MM	Annual	Adjustment	Interest	Adjustment	
				Revenue	Revenues	Revenue	Principal	Rate on	Interest	
				Requirement ¹	Allocated to Projects ¹	Requirement ¹	Under/(Over)	Under/(Over)	Under/(Over)	
				Projected Attachment MM p 2 of 2, Col. 14, Line 4 ^{2,3}	[Col. (d), line 1 x (Col. (e), line 2x / Col. (e), line 3)] ²	Actual Attachment MM p 2 of 2, Col. 14, Line 4 ^{2,3}	Col. (g) - Col. (f)	Line 5	Col. (h) x Col. (i) x 24 months ^{2,4}	Col. (h) + Col. (j)
1	Actual Attachment MM revenues for True-Up Year ¹			\$ -						
2a				-	-	-	-	0.00%	-	-
2b				-	-	-	-	0.00%	-	-
2c				-	-	-	-	0.00%	-	-
2d				-	-	-	-	0.00%	-	-
3	Subtotal			\$ -	\$ -	\$ -				
4	Under/(Over) Recovery						\$ -		\$ -	\$ -

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5 Applicable Interest rate per month (expressed to four decimal places)⁵ 0.00%

¹ Applicable amount for the MISO Midwest MVP Cost Allocation Subregion projects or MVPs approved prior to May 19, 2022, and located in the MISO Midwest MVP Cost Allocation Subregion and excludes True-Up Adjustment, as reported in True-Up Year projected Attachment MM, page 2, column 15

² Rounded to whole dollars

³ Column 14c of Attachment MM-Pioneer

⁴ For Pioneer the Initial Rate Year True-Up Adjustment Interest Under/(Over) number of months will be calculated as provided in Section VII of Pioneer's Attachment O Annual True-Up, Information Exchange, and Challenge Procedures.

⁵ For Pioneer the Initial Rate Year Applicable Interest rate will be calculated as provided in Section VII of Pioneer's Attachment O Annual True-Up, Information Exchange, and Challenge Procedures.

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Multi-Value Project Charge (MVP Charge)
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Attachment MM True-Up Adjustment for MISO South MVP Cost Allocation Subregion – Project Basis

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

Company Name:
True-Up Year:
Note:

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
Line No.	Project Name	MTEP Project Number	Actual Attachment MM Revenues	Projected	Actual	Actual	True-Up	Applicable	True-Up	Total
				Annual	Attachment MM	Annual	Adjustment	Interest	Adjustment	
				Revenue	Revenues	Revenue	Principal	Rate on	Interest	True-Up
				Requirement ¹	Allocated	Requirement ¹	Under/(Over)	Under/(Over)	Under/(Over)	Adjustment
				Requirement ¹	to Projects ¹	Requirement ¹				
				Projected	[Col. (d), line 1	Actual				
				Attachment MM	x (Col. (e), line 2x /	Attachment MM		Line 5 or	Col. (h) x Col.	
				p 2 of 2, Col. 14,	Col. (e), line 3)] ²	p 2 of 2, Col. 14,	Col. (g) - Col.	Line 6	(i)	Col. (h) + Col.
				line 5 ²		Line 5 ²	(f)		x 24 months ²	(j)
1	Actual Attachment MM revenues for True-Up Year ¹		\$ -							
2a				-	-	-	-	0.00%	-	-
2b				-	-	-	-	0.00%	-	-
2c				-	-	-	-	0.00%	-	-
2d				-	-	-	-	0.00%	-	-
3	Subtotal			\$ -	\$ -	\$ -				
4	Under/(Over) Recovery						\$ -		\$ -	\$ -

Effective On: January 1, 2025

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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	Applicable amount for the MISO South MVP Cost Allocation Subregion projects and excludes True-Up Adjustment, as reported in True-Up Year projected Attachment MM, page 2, column 15	
²	Rounded to whole dollars	

MISO
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Multi-Value Project Charge (MVP Charge)
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Attachment MM True-Up Adjustment for MISO South MVP Cost Allocation Subregion – Aggregate

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

Company Name:
True-Up Year:
Note:

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
Line No.	Project Name	MTEP Project Number	Actual Attachment MM Revenues	Projected	Actual	Actual	True-Up	Applicable	True-Up	Total
				Annual Revenue Requirement ¹	Attachment MM Revenues Allocated to Projects ¹	Annual Revenue Requirement ¹	Adjustment Principal Under/(Over)	Interest Rate on Under/(Over)	Adjustment Interest Under/(Over)	True-Up Adjustment
				Projected Attachment MM p 2 of 2, Col. 14, Line 5 ²	[Col. (d), line 1 x (Col. (e), line 2x / Col. (e), line 3)] ²	Actual Attachment MM p 2 of 2, Col. 14, Line 5 ²	Col. (g) - Col. (f)	Line 5	Col. (h) x Col. (i) x 24 months ²	Col. (h) + Col. (j)
1	Actual Attachment MM revenues for True-Up Year ¹			\$ -						
2a				-	-	-	-	0.00%	-	-
2b				-	-	-	-	0.00%	-	-
2c				-	-	-	-	0.00%	-	-
2d				-	-	-	-	0.00%	-	-
3	Subtotal			\$ -	\$ -	\$ -				
4	Under/(Over)						\$		\$	\$

Effective On: January 1, 2025

Recovery - - -

5 Applicable Interest rate per month (expressed to four decimal places) 0.00%

¹ Applicable amount for the MISO South MVP Cost Allocation Subregion projects and excludes True-Up Adjustment, as reported in True-Up Year projected Attachment MM, page 2, column 15
² Rounded to whole dollars

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Multi-Value Project Charge (MVP Charge)
48.0.0

Attachment MM True-Up for MISO System-Wide Region – Project Basis

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

Company Name:
True-Up Year:
Note:

(a)	(b)	(c)	(d)(e)	(f)	(g)	(h)	(i)	(j)	(k)	
Lin e No.	Project Name	MTEP Projec t Num ber	Actual Attachment MM Revenues	Projected	Actual	Actual	True-Up	Applicable	True-Up	Total True-Up Adjustment
				Annual	Attachment MM	Annual	Adjustment	Interest	Adjustment	
				Revenue	Allocated	Revenue	Principal	Rate on	Interest	
				Requirement ¹	to Projects ¹	Requirement ¹	Under/(Over)	Under/(Over)	Under/(Over)	
				Projected	[Col. (d), line 1	Actual			Col. (h) x Col. (i)	
				Attachment MM p 2 of 2, Col. 14, Line 6 ²	x (Col. (e), line 2x / Col. (e), line 3)] ²	Attachment MM p 2 of 2, Col. 14, Line 6 ²	Col. (g) - Col. (f)	Line 5 or Line 6	x 24 months ²	Col. (h) + Col. (j)
1	Actual Attachment MM revenues for True-Up Year ¹			\$ -						
2a				-	-	-	-	0.00%	-	-
2b				-	-	-	-	0.00%	-	-
2c				-	-	-	-	0.00%	-	-
2d				-	-	-	-	0.00%	-	-
3	Subtotal			\$ -	\$ -	\$ -	-			
4	Under/(Over) Recovery						\$ -		\$ -	\$ -

Effective On: January 1, 2025

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	Applicable amount for the MISO system-wide footprint projects and excludes True-Up Adjustment, as reported in True-Up Year projected Attachment MM, page 2, column 15	
²	Rounded to whole dollars	

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ATTACHMENTS

ATTACHMENT MM
Multi-Value Project Charge (MVP Charge)
48.0.0

Attachment MM True-Up Adjustment for MISO System-Wide Region – Aggregate

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

Company Name:
True-Up Year:
Note:

(a)	(b)	(c)	(d)(e)	(f)	(g)	(h)	(i)	(j)	(k)	
Lin e No.	Project Name	MTEP Projec t Numb er	Actual Attachment MM Revenues	Projected	Actual	Actual	True-Up	Applicable	True-Up	Total True-Up Adjustment
				Annual	Revenues	Annual	Adjustment	Interest	Adjustment	
				Revenue	Allocated	Revenue	Principal	Rate on	Interest	
				Requirement ¹	to Projects ¹	Requirement ¹	Under/(Over)	Under/(Over)	Under/(Over)	
				Projected Attachment MM p 2 of 2, Col. 14, Line 6 ²	[Col. (d), line 1 x (Col. (e), line 2x / Col. (e), line 3)] ²	Actual Attachment MM p 2 of 2, Col. 14, Line 6 ²	Col. (g) - Col. (f)	Line 5	Col. (h) x Col. (i) x 24 months ²	Col. (h) + Col. (j)
1	Actual Attachment MM revenues for True-Up Year ¹			\$ -						
2a				-	-	-	-	0.00%	-	-
2b				-	-	-	-	0.00%	-	-
2c				-	-	-	-	0.00%	-	-
2d				-	-	-	-	0.00%	-	-
3	Subtotal			\$ -	\$ -	\$ -				
4	Under/(Over)						\$		\$	\$

Effective On: January 1, 2025

Recovery	-	-	-
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5	Applicable Interest rate per month (expressed to four decimal places)	0.00%
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¹ Applicable amount for the MISO system-wide footprint projects and excludes True-Up Adjustment, as reported in True-Up Year projected Attachment MM, page 2, column 15

² Rounded to whole dollars

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 MVPs in the MISO Midwest MVP Cost Allocation Subregion, the MISO South MVP Cost Allocation Subregion, or the MISO system-wide footprint that are determined under Attachment FF and Attachment XX 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-ATXI shall be in addition to any charges under Schedules 7, 8, 9, 26, 26-B, 26-C, 26-E, 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, or that will be Competitive Transmission Projects, 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(s) calculated pursuant to Attachment MM-ATXI (excluding any True-Up Adjustment(s)) will be subtracted by ATXI from its Attachment O-ATXI revenue requirement.
- f) ATXI shall determine its projected MVP Revenue Requirement(s) 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(s), including all inputs in sufficient detail to identify the components of its revenue requirement(s) for Attachment MM-ATXI, including any amounts representing a True-Up Adjustment(s), concurrently when it publicly posts on OASIS its projected revenue requirement for Attachment O-ATXI.

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(s) 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 (xii) describe the calculation of the Annual Allocation Factors using references to the Attachment O-ATXI. Subsection (xii) described the calculation of the Incentive Return and Income Taxes.
- 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 Incremental Return and Income Taxes for a 100 basis point increase in ROE per dollar of Net Transmission Plant shall be determined on Attachment MM-ATXI, Page 3, based on rate base, actual and hypothetical capital structures and certain items impacting the income tax calculation from Attachment O-ATXI. The approved ROE Incentive in basis points shall be entered on Attachment MM-ATXI, Page 2, Column 11b, if applicable. As described in Note K, the ROE Incentive may be reduced due to the upper limit of the zone of reasonableness determined by FERC in setting the currently effective base ROE. Attachment MM-ATXI, Page 2, Column 11c shall determine the Incentive Return and Income Taxes for applicable projects by dividing the Incremental Return and Income Taxes for a 100 basis point increase in ROE per dollar of Net Transmission Plant on Attachment MM-ATXI, Page 3, Line 31, by 100 and multiplying by the Project's Net Plant on Attachment MM-ATXI, Page 2, Column 10, the product of which is then multiplied by the approved ROE Incentive in basis points on Attachment MM-ATXI, Page 2, Column 11b. Should the project cost limit caps in Note K be exceeded, any excess amount will be identified and listed on separate lines of Attachment MM-ATXI, page 2 and exclude any ROE Incentive in Column 11b.
- xiii. 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 and the Annual Allocation Factor HCS Return, if applicable as described in (xi) above, plus the Incentive Return and Income Taxes, if applicable as described in (xii) 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.

- xiv. 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. ATXI shall add additional sub-rows to Line 1 as needed to accommodate additional Projects.
- xv. Line 4 on Page 2 of the Attachment MM-ATXI template shall be the sum of all projects identified in Lines 1 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO Midwest MVP Cost Allocation Subregion identified in Attachment XX or MVPs approved prior to May 19, 2022 and located in the MISO Midwest MVP Cost Allocation Subregion.
- xvi. Line 5 on Page 2 of the Attachment MM-ATXI template shall be the sum of all projects identified in Lines 1 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO South MVP Cost Allocation Subregion identified in Attachment XX.
- xvii. Line 6 on Page 2 of the Attachment MM-ATXI template shall be the sum of all projects identified in Lines 1 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO system-wide footprint.

4. Calculation of True-Up Adjustment:

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

5. The MVP Usage Rate (MUR):

The MUR is a rate applied to the MISO Midwest MVP Cost Allocation Subregion, the MISO South MVP Cost Allocation Subregion, or the MISO system-wide footprint pursuant to Attachment FF and Attachment XX, and charged via Schedule 26-A. The revenue requirements used to derive the MUR(s) are the revenue requirements of each Transmission Owner's pro forma Attachment MM or company-specific Attachment MM, including Attachment MM-ATXI. Please refer to Section 5 of the pro forma Attachment MM for a complete description and application of the development of the MUR(s).

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.

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ATTACHMENT MM-ATXI
Multi-Value Project Charge (MVP Charge)
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Formula Rate calculation

Rate Formula Template
Utilizing Attachment O Data
ATXI

Attachment MM – ATXI
For the 12 months ended 12/31/___

Page 1 of 2

To be completed in conjunction with Attachment O-ATXI.
(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	Attach O, p 2, lines 2 + 3a + 18a + 18b col 5 less Note M (Note A)	0
1a	Transmission Accumulated Depreciation	Attach O, p 2, lines 8 & 9a col 5 less Note M	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, lines 1 & 5b 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%
GENERAL AND COMMON (G&C) DEPRECIATION EXPENSE			
5	Total G&C Depreciation Expense	Attach O, p 3, lines 10 & 11, col 5 plus Note M (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			

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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%

Effective On: January 1, 2025

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Multi-Value Project Charge (MVP Charge)
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Formula Rate calculation

Rate Formula Template
Utilizing Attachment O Data
ATXI

Attachment MM – ATXI
For the 12 months ended 12/31/____

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Multi-Value Project (MVP) Revenue Requirement Calculation

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(11a)	(11b)	(11c)	(12)	(13)	(14)	(15)	(16)	
Line No.	Project Name	MTE 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	Annual Allocation Factor for HCS Return	Incentive Return in Basis Points	Incentive Return and Income Taxes	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)	(Page 1 line 15) (Note J)	(Note K)	(Page 3, line 31/100 * Col 10 * Col 10 * Col 11b)	(Col 10 * (Col 11 + 11a) + Col 11c)	(Note E)	(Sum Col. 9, 12 & 13)	(Note F)	Sum Col. 14 & 15 (Note G)
Multi-Value Projects (MVP)																			
1a	Project 1	P1	\$ -	\$ -	0.00%	\$ -	0.00%	\$0.00	\$0.00	\$ -	0.00%	0.00%	-	\$-	\$ -	\$ -	\$ -	\$ -	\$ -
1b	Project 2	P2	\$ -	\$ -	0.00%	\$ -	0.00%	\$0.00	\$0.00	\$ -	0.00%	0.00%	-	\$-	\$ -	\$ -	\$ -	\$ -	\$ -
1c	Project 3	P3	\$ -	\$ -	0.00%	\$ -	0.00%	\$0.00	\$0.00	\$ -	0.00%	0.00%	-	\$-	\$ -	\$ -	\$ -	\$ -	\$ -
2	MVP Total Annual Revenue Requirements													\$0		\$0	\$0	\$0	
3	Rev. Req. Adj For Attachment O															\$0			
4	MISO Midwest MVP Cost Allocation Subregion Total MVP Annual Revenue Requirement (Note L)															\$0	\$0	\$0	

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Multi-Value Project Charge (MVP Charge)
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5	MISO South MVP Cost Allocation Subregion Total MVP Annual Revenue Requirement (Note L)	\$0	\$0	\$0
6	MISO System-Wide Total MVP Annual Revenue Requirement (Note L)	\$0	\$0	\$0

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. Also includes Gross Energy Storage Plant identified as a transmission asset on page 2 line 3a of Attachment O less gross plant adjustment on Note M, line 1.
- B Net Transmission and Energy Storage Plant is that identified on page 2 lines 14 and 15a 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, but does not exclude project-specific amounts in Accounts 351.1, 351.2, or 351.3 (if applicable), 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. Also includes depreciation and amortization adjustment on Note M, line 4.
- I Equals the return based on the actual capital structure (ACS).
- J Equals the incremental return for projects with hypothetical capital structure (HCS) approval.
- K Requires approval by FERC of incentive return applicable to the specified project(s).
In Docket No. ER18-463, FERC authorized an ROE Incentive of 50 basis points for the Mark Twain Project. The ROE Incentive, when added to the base ROE and any other adders cannot exceed the upper limit of the zone of reasonableness determined by FERC in setting the currently effective base ROE. The total gross plant and CWIP amounts to which the ROE Incentive shall be applied shall be limited to \$277.6 million for the Mark Twain Project (Includes parts of MISO MTEP #s 2248 and 3170, but excludes Maywood substation).
- L Line 4 is only applicable to the MISO Midwest MVP Cost Allocation Subregion projects or MVPs approved prior to May 19, 2022 and located in the MISO Midwest MVP Cost Allocation Subregion. Line 5 is only applicable to the MISO South MVP Cost Allocation Subregion projects. Line 6 is only applicable to the MISO system-wide footprint projects approved as part of a Portfolio with benefits spread broadly across the MISO system-wide footprint that terminates in either the MISO Midwest MVP Cost Allocation Subregion or the MISO South MVP Cost Allocation Subregion as identified in Attachment XX.
- M Gross plant, accumulated depreciation and general and common depreciation expense adjustments related to Accounts 351.1, 351.2 and 351.3.
- | | Company Total | TP | Transmission | |
|--|---------------|---------|--------------|--------------------------------|
| 1. Gross plant in Accounts 351.1, 351.2 and 351.3 (included in Attachment O, p 2, line 2). | \$- | 0.00000 | \$- | - Exclude from page 1, line 1 |
| 2. Accumulated depreciation related to Accounts 351.1, 351.2 and 351.3 (included in Attachment O, p 2, line 8). | \$- | 0.00000 | \$- | - Exclude from page 1, line 1a |
| 3. Net plant for Accounts 351.1, 351.2 and 351.3. | \$- | | \$- | |
| 4. Depreciation & amortization related to Accounts 351.1, 351.2 and 351.3 (included in Attachment O, p 3, line 9). | \$- | 0.00000 | \$- | - Include with page 1, line 5 |

Formula Rate calculation

Rate Formula Template

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

ROE Incentive
ATXI

Page 3 of 3

<u>Actual Capital Structure (ACS)</u>							\$
1A	ACS Rate Base	Attachment O-ATXI, Page 2, line 30, Col. 5 less line 1H					-
2A	100 Basis Point Incentive Return on Plant in Service based on ACS						
			\$	%	Cost	Weighted	
3A	Long Term Debt	Attachment O-ATXI, Page 4, line 27	-	-	-	0.0000	
4A	Preferred Stock	Attachment O-ATXI, Page 4, line 28	-	-	-	0.0000	
5A	Common Stock	Attachment O-ATXI, Page 4, line 29	-	-	-	0.0000	
6A	Total (sum lines 3A-5A)	Cost = Attachment O-ATXI ROE plus .01	-	-	-	0.0000	
7A	100 Basis Point Incentive Return multiplied by ACS Rate Base (line 1A * line 6A)						-
<u>Hypothetical Capital Structure (HCS)</u>							
1H	HCS Rate Base	Attachment O-ATXI, Page 2, line 30a, Col.5					-
2H	100 Basis Point Incentive Return on CWIP Eligible for HCS						
			\$	%	Cost	Weighted	
3H	Long Term Debt	Attachment O-ATXI, Page 4, line 30a		-	-	0.0000	
4H	Preferred Stock	Attachment O-ATXI, Page 4, line 30b		-	-	0.0000	
5H	Common Stock	Attachment O-ATXI, Page 4, line 30c		-	-	0.0000	
6H	Total (sum lines 3H-5H)	Cost = Attachment O-ATXI ROE plus .01		-	-	0.0000	
7H	100 Basis Point Incentive Return multiplied by HCS Rate Base (line 1H * line 6H)						-
8	Total 100 Basis Point Incentive Return (line 7A + line 7H)						-

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9	Overall WCLTD for Income Taxes	(Rate Based Weighting of line 3A and line 3H)	0.0000					
10	Overall Return (R) for Income Taxes	(Rate Based Weighting of line 6A and line 6H)	0.0000					
11	INCOME TAXES							
12	$T = 1 - \{[(1 - \text{SIT}) * (1 - \text{FIT})] / (1 - \text{SIT} * \text{FIT} * p)\}$	Attachment O-ATXI, Page 3, line 21	-					
13	$\text{CIT} = (T / (1 - T)) * (1 - (\text{WCLTD} / \text{R}))$		-					
14	WCLTD = line 9, R = line 10 and FIT, SIT & p are as given in footnote K to Attachment O							
15								
16	$1 / (1 - T) =$ (from line 12)		-					
17	Amortized Investment Tax Credit (266.8f) (enter negative)	Attachment O-ATXI, Page 3, line 24	-					
18	(Excess)/Deficient Deferred Income Taxes	Attachment O-ATXI, Page 3, line 24a	-					
19	Tax Effect of Permanent Differences and AFUDC Equity	Attachment O-ATXI, Page 3, line 24b	-					
20	Income Tax Calculation = line 13 * line 8		-	NA	-		-	
21	ITC adjustment (line 16 * line 17)	Note N	-	NP	-		-	
22	(Excess)/Deficient Deferred Income Tax Adjustment (line 16 * line 18)	Note N	-	NP	-		-	
23	Permanent Differences and AFUDC Equity Tax Adjustment (line 16 * line 19)	Note N	-	NP	-		-	
24	Total Income Taxes (sum lines 20 - 23)		-				-	-
25	Return and Income Taxes with 100 basis point increase in ROE (sum lines 8 & 24)						-	
26	Return (Attachment O-ATXI, Page 3, line 28 & 28a col 5)						-	
27	Income Tax (Attachment O-ATXI, Page 3, line 27 col 5)						-	
28	Return and Income Taxes without 100 basis point increase in ROE (sum lines 26 & 27)						-	

Effective On: January 1, 2025

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FERC Electric Tariff
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ATTACHMENT MM-ATXI
Multi-Value Project Charge (MVP Charge)
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29	Incremental Return and Income Taxes for 100 basis point increase in ROE (line 25 - line 28)	-
30	Total Net Transmission Plant (Attachment MM-ATXI, Page 1, line 2)	-
31	Incremental Return and Income Taxes for 100 basis point increase in ROE per dollar of Net Transmission Plant (line 29 / line 30)	-

Notes:

- M Lines 5A and 5H include a 100 basis point increase in ROE that is used only to determine the increase in return and income taxes associated with a 100 basis point increase in ROE.
- N The Net Plant ("NP") allocator is from Attachment O - ATXI, Page 2, Line 18, Column 4.

Effective On: January 1, 2025

ATTACHMENT MM-GRE
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 MVPs in the MISO Midwest MVP Cost Allocation Subregion, the MISO South MVP Cost Allocation Subregion, or the MISO system-wide footprint that are determined under Attachment FF and Attachment XX 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, 26-B, 26-C, 26-E, 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, or that will be Competitive Transmission Projects, 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(s) calculated pursuant to Attachment MM-GRE (excluding any True-Up Adjustment(s) 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(s) 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(s), including all inputs in sufficient detail to identify the components of its MVP Revenue Requirement(s) for Attachment MM-GRE, including any amounts representing a True-Up Adjustment(s), 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(s) 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 less any amortized prefunded AFUDC balance, if applicable.

- 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 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-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 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-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 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-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 1 (HCSR1) 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 Annual Allocation Factor for Incentive Return 2 (HCSR2) 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 33.
- xiii. 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 applicable Annual Allocation for Incentive Return calculated in (xi) or (xii) 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 4 of this Attachment MM-GRE; 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.

xiv. 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.

xv. Line 4 on Page 2 of the Attachment MM-GRE template shall be the sum of all projects identified in Lines 1 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO Midwest MVP Cost Allocation Subregion identified in Attachment XX or MVPs approved prior to May 19, 2022 and located in the MISO Midwest MVP Cost Allocation Subregion.

xvi. Line 5 on Page 2 of the Attachment MM-GRE template shall be the sum of all projects identified in Lines 1 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO South MVP Cost Allocation Subregion identified in Attachment XX.

- xvii. Line 6 on Page 2 of the Attachment MM-GRE template shall be the sum of all projects identified in Lines 1 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO system-wide footprint.

4. Calculation of True-Up Adjustment

GRE shall calculate its True-Up Adjustment(s) as set forth in Attachment MM, Section 4.

5 The MVP Usage Rate (MUR)

The MUR is a rate applied to the MISO Midwest MVP Cost Allocation Subregion, the MISO South MVP Cost Allocation Subregion, or the MISO system-wide footprint pursuant to Attachment FF and Attachment XX, and charged via Schedule 26-A. The revenue requirements used to derive the MUR(s) are the revenue requirements of each Transmission Owner's *pro forma* Attachment MM or company-specific Attachment MM, including Attachment MM-GRE. Section 5 of the Transmission Provider's *pro forma* Attachment MM provides a complete description of the development and application of the MUR(s).

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.

MISO
FERC Electric Tariff
ATTACHMENTS

ATTACHMENT MM - GRE
Multi-Value Project Charge (“MVP Charge”)
34.0.0

Formula Rate calculation

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

Attachment MM-GRE
For the 12 months ended 12/31/___

Page 1 of 2

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.	Attachment O-GRE Page, Line, Col.	Transmission	Allocator
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 (Note J)	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% 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-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% 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 1 (HCSR1)	Attach O-GRE, p 4, line 30	0.00% 0.00%
14b	Annual Allocation Factor for Incentive Return 2 (HCSR2)	Attach O-GRE, p 4, line 34	0.00% 0.00%

Effective On: January 1, 2024

Formula Rate calculation

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

Attachment MM-GRE
For the 12 months ended 12/31/___

Page 2 of 2

Multi-Value Project (MVP) Revenue Requirement Calculation

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(12a)	(12b)	(13)	(14)	(14a)	(15)	(16)
Lin e No	Project Name	MTE P 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 on Factor for Other Expense	Annual Expense Charge	Project Net Plant	Annual Allocation on Factor for Return	Annual Return Charge	Annual Allocation Factor for Incentive Return (Note L)	Annual Incentive Return Charge	Project Depreciation Expense	Annual Revenue Requirement	Annual Revenue Requirement Excluding Annual Incentive Return Charge	True-Up Adjustment	MVP Annual Adjusted Revenue Requirement
			(Note C)	(Note K)	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)	(Page 1, line 14a or 14b, Col. 4)	(Col. 10 * Col. 12a)	(Note E)	(Sum Col. 9, 12, 12b & 13)	Col. 14 less Col. 12b (Note I)	(Note F)	Sum Col. 14 & 15 (Note G)
1a	Project 1	P1	\$ -	\$ -	0.00%	\$ -	0.00%	\$0.00	\$0.00	\$ -	0.00%	\$0	0.00%	\$0	\$0	\$0	\$0	\$0	\$0
1b	Project 2	P2	\$ -	\$ -	0.00%	\$ -	0.00%	\$0.00	\$0.00	\$ -	0.00%	\$0	0.00%	\$0	\$0	\$0	\$0	\$0	\$0
1c	Project 3	P3	\$ -	\$ -	0.00%	\$ -	0.00%	\$0.00	\$0.00	\$ -	0.00%	\$0	0.00%	\$0	\$0	\$0	\$0	\$0	\$0
2	MVP Total Annual Revenue Requirements													\$0		\$0	\$0	\$0	\$0
3	Rev. Req. Adj For Attachment O-GRE																\$0	\$0	\$0
4	MISO Midwest MVP Cost Allocation Subregion Total MVP Annual Revenue Requirement (Note M)																\$0	\$0	\$0
5	MISO South MVP Cost Allocation Subregion Total MVP Annual Revenue Requirement (Note M)																\$0	\$0	\$0
6	MISO System-Wide Total MVP Annual Revenue Requirement (Note M)																\$0	\$0	\$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 associated with gross plant and CWIP, 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, less any prefunded AFUDC amortization, if applicable, related to the project.
- 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 39 & 40b.
- J Transmission Accumulated Depreciation that is identified on page 2 line 8 of Attachment O-GRE less any amortized prefunded AFUDC balance, if applicable.
- K Project Accumulated Depreciation for the project is calculated in the same method as the Transmission Accumulated Depreciation in line 1a.
- L The applicable Annual Allocation Factor for Incentive Return will only be applicable to specific FERC approved projects that utilize a hypothetical capital structure return (HCSR), which has also been approved by FERC.
- M Line 4 is only applicable to the MISO Midwest MVP Cost Allocation Subregion projects or MVPs approved prior to May 19, 2022 and located in the MISO Midwest MVP Cost Allocation Subregion. Line 5 is only applicable to the MISO South MVP Cost Allocation Subregion projects. Line 6 is only applicable to the MISO system-wide footprint projects approved as part of a Portfolio with benefits spread broadly across the MISO system-wide footprint

that terminates in either the MISO Midwest MVP Cost Allocation Subregion or the MISO South MVP Cost Allocation Subregion as identified in Attachment XX.

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 MVPs in the MISO Midwest MVP Cost Allocation Subregion, the MISO South MVP Cost Allocation Subregion, or the MISO system-wide footprint that are determined under Attachment FF and Attachment XX 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, 26-B, 26-C, 26-E, 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, or that will be Competitive Transmission Projects, 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(s) calculated pursuant to Attachment MM-MRES (excluding any True-Up Adjustment(s)) will be subtracted by Missouri River Energy Services from its Attachment O-MRES revenue requirement.
- (f) MRES shall determine its projected MVP Revenue Requirement(s) for the following year concurrently with the preparation of its associated Attachment O-MRES.
- (g) MRES shall make available to any interested party by publicly posting on OASIS its projected MVP Revenue Requirement(s), including all inputs in sufficient detail to identify the components of its revenue requirement(s) for Attachment MM-MRES,

including any amounts representing a True-Up Adjustment(s), concurrently when it publicly posts on OASIS its projected revenue requirement for Attachment O-MRES.

- (h) A Project's True-Up Adjustment will be added to its individual projected Attachment MM-MRES revenue requirement. The Attachment MM-MRES True-Up Adjustment will be calculated as specified in the Attachment MM-MRES Annual True-Up Procedure.

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, 8a, etc., Column 5 less any amortized prefunded AFUDC, if applicable.
- 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, 2a, etc., 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 included on Attachment O – MRES, Page 2, Lines 18a, 18b, etc., Column 5, 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, 2a, etc., 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 included on Attachment O – MRES, Page 2, Lines 18a, 18b, etc., Column 5, 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, 2a, etc., 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 included on Attachment O – MRES, Page 2, Lines 18a, 18b, etc., Column 5, 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 included on Attachment O – MRES, Page 2, Lines 18a, 18b, etc., Column 5, 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 included on Attachment O – MRES, Page 2, Lines 18a, 18b, etc., Column 5, 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 or Line 30a. Line 30 may be used for individual projects which FERC has approved to utilize a hypothetical capital structure return of fifty-five percent (55%) debt and forty-five percent (45%) proprietary capital (HCSR-1). Line 30a may be used for individual projects FERC has approved to utilize a hypothetical capital structure return of fifty percent (50%) debt and fifty percent (50%) proprietary capital (HCSR-2).
- 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 or amortization of Abandoned Plant 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 or Line 9a, Column 5 or Line 9b, Column 5;
 - 4) True-Up Adjustment equals any applicable Attachment MM-MRES true-up amount calculated under these MRES True-Up procedures; 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.

xiv. Line 4 on Page 2 of the Attachment MM-MRES template shall be the sum of all projects identified in Lines 1 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO Midwest MVP Cost Allocation Subregion identified in Attachment XX or MVPs approved prior to May 19, 2022 and located in the MISO Midwest MVP Cost Allocation Subregion.

xv. Line 5 on Page 2 of the Attachment MM-MRES template shall be the sum of all projects identified in Lines 1 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO South MVP Cost Allocation Subregion identified in Attachment XX.

xvi. Line 6 on Page 2 of the Attachment MM-MRES template shall be the sum of all projects identified in Lines 1 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO system-wide footprint.

4 The MVP Usage Rate (MUR):

The MUR is a rate applied to the MISO Midwest MVP Cost Allocation Subregion, the MISO South MVP Cost Allocation Subregion, or the MISO system-wide footprint pursuant to Attachment FF and Attachment XX, and charged via Schedule 26-A. The revenue requirements used to derive the MUR(s) are the revenue requirements of each Transmission Owner's *pro forma* Attachment MM or company-specific Attachment MM, including Attachment MM-MRES. Section 5 of the Transmission Provider's *pro forma*

Attachment MM provides a complete description of the development and application of the MUR(s).

- 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.

MISO
FERC Electric Tariff
ATTACHMENTS

ATTACHMENT MM
MRES Rate Formula
33.0.0

Formula Rate calculation

Rate Formula Template
Utilizing Attachment O-MRES Data
MRES

Attachment MM – MRES
For the 12 months ended 12/31/____

Page 1 of 2

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, line 2, col 5 (Note A)	0	
1a	Transmission Accumulated Depreciation	Attach O, p 2, line 8, col 5 (Note D)	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%	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 ACSR	Sum of lines 11 and 13		0.00%
15	Annual Allocation Factor for Incentive Return 1 (HCSR-1)	Attach O-MRES, p 4, line 30, col 5	0.00%	0.00%
16	Annual Allocation Factor for Incentive Return 2 (HCSR-2)	Attach O-MRES, p 4, line 30a, col 5	0.00%	0.00%

Effective On: January 1, 2024

Formula Rate calculation

Rate Formula Template
Utilizing Attachment O-MRES Data
MRES

Attachment MM – MRES
For the 12 months ended 12/31/____

Page 2 of 2

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 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 for Other Expense	Annual Expense Charge	Project Net Plant	Annual Allocation Factor for Return	Annual Allocation Factor for Incremental Return	Annual Return Charge	Project Depreciation Expense	Annual Revenue Requirement	True-Up Adjustment	MVP Annual Adjusted Revenue Requirement
					(Page 1 line 4)	(Col 4 * Col 5)	(Page 1 line 9)	(Col 3 * Col 7)	(Col 6 + Col 8)	(Col 3 minus Col 4)	(Page 1 line 14)	(Page 1 line 15 or 16, Column 4) (Col 10 * (Col 11 + Col 11a))	(Not e E)	(Sum Col. 9, 12 & 13)	(Not e F)	Sum Col. 14 & 15 (Note G)
	Multi-Value Projects (MVP)															
1a	Project 1		\$ -	\$ -	0.00 %	\$ -	0.00 %	\$0.00	\$0.00	\$ -	0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -
1b	Project 2		\$ -	\$ -	0.00 %	\$ -	0.00 %	\$0.00	\$0.00	\$ -	0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -
1c	Project 3		\$ -	\$ -	0.00 %	\$ -	0.00 %	\$0.00	\$0.00	\$ -	0.00 %	\$ -	\$ -	\$ -	\$ -	\$ -

2	MVP Total Annual Revenue Requirements														\$0	\$0	\$0
3	Rev. Req. Adj For Attachment O - MRES														\$0		
4	MISO Midwest MVP Cost Allocation Subregion Total MVP Annual Revenue Requirement (Note M)														\$0	\$0	\$0
5	MISO South MVP Cost Allocation Subregion Total MVP Annual Revenue Requirement (Note M)														\$0	\$0	\$0
6	MISO System-Wide Total MVP Annual Revenue Requirement (Note M)														\$0	\$0	\$0

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 Accumulated Depreciation is that identified on page 2 line 8 of Attachment O-MRES and includes any sub lines 8a or 8b etc. when authorized by FERC order.
- 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. This column will also include any amortization amounts related to Abandoned Plant approved by FERC order included in Attachment O-MRES page 3, line 9a or line 9b.
- 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 specific projects receiving the hypothetical capital structure return 1 or 2 (HCSR-1 or HCSR-2), as approved by FERC.
- 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.
- M Line 4 is only applicable to the MISO Midwest MVP Cost Allocation Subregion projects or MVPs approved prior to May 19, 2022 and located in the MISO Midwest MVP Cost Allocation Subregion. Line 5 is only applicable to the MISO South MVP Cost Allocation Subregion projects. Line 6 is only applicable to the MISO system-wide footprint projects approved as part of a Portfolio with benefits spread broadly across the MISO system-wide footprint that terminates in either the MISO Midwest MVP Cost Allocation Subregion or the MISO South MVP Cost Allocation Subregion as identified in Attachment XX.

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-MRES (MVPs in the MISO Midwest MVP Cost Allocation Subregion, the MISO South MVP Cost Allocation Subregion, or the MISO system-wide footprint) 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-MRES, 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 calculated in accordance with the applicable Attachment MM True-Up template(s) and 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 applicable Schedule 26-A and Schedule 39 revenues distributed to MRES allocated proportionately to all applicable 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-MRES. 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 or under recovery of the Attachment MM-MRES revenue requirement shall be determined based on the Commission's regulations at 18 C.F.R. 35.19a. 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 interest rate to be applied to the over or under recovery amounts will be determined using the average rate for the twenty (20)

months preceding September of the current year. The resulting interest component of the True-up Amount 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 Requirements for the True Up Year, plus or minus the True-up Amounts 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 Amount 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.

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 MVPs in the MISO Midwest MVP Cost Allocation Subregion, the MISO South MVP Cost Allocation Subregion, or the MISO system-wide footprint that are determined under Attachment FF and Attachment XX 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, 26-B, 26-C, 26-E, 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, or that will be Competitive Transmission Projects, 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.
- (d) 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.
- (e) In order to prevent over recovery of Attachment O-CMMPA Agency revenue, the revenue requirement(s) calculated pursuant to Attachment MM-CMMPA Agency (excluding any True-Up Adjustment(s)) will be subtracted by Central Minnesota Municipal Power Agency from its Attachment O-CMMPA Agency revenue requirement.
- (f) Central Minnesota Municipal Power Agency shall determine its projected MVP Revenue Requirement(s) for the following year concurrently with the preparation of its associated Attachment O-CMMPA Agency.

- (g) Central Minnesota Municipal Power Agency shall make available to any interested party by publicly posting on OASIS its projected MVP Revenue Requirement(s), including all inputs in sufficient detail to identify the components of its MVP Revenue Requirement(s) for Attachment MM-CMMPA Agency, including any amounts representing a True-Up Adjustment(s), concurrently when it publicly posts on OASIS its projected revenue requirement for Attachment O-CMMPA Agency.
- (h) A Project's True-Up Adjustment will be added to its individual projected attachment MM-CMMPA Agency revenue requirement. The Attachment MM-CMMPA Agency True-Up Adjustment(s) will be calculated as specified in Section 4 of this Attachment MM-CMMPA Agency.

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, Lines 8 + 8a, Column 5 less any amortized prefunded AFUDC, if applicable.

- 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, Lines 2 + 2a + 23c, 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, Lines 2 + 2a + 23c, 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, Lines 2 + 2a + 23c, 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, such as Central Minnesota Municipal Power Agency.
- 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 Incentive Return on Projects Receiving the Hypothetical Capital Structure Return (HCSR) shall be the amount included on Attachment O-CMMPA, Page 4, Line 30d.

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 sum of the Annual Allocation Factor for Return calculated in (x) above plus the Annual Allocation Factor for Incentive Return on Projects Receiving the Hypothetical Capital Structure 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 Section 4 of the Transmission Provider's *pro forma* Attachment MM; 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.
- xiv. Line 4 on Page 2 of the Attachment MM-CMMPA Agency template shall be the sum of all projects identified in Lines 1 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO Midwest MVP Cost Allocation Subregion identified in Attachment XX or MVPs approved prior to May 19, 2022 and located in the MISO Midwest MVP Cost Allocation Subregion.
- xv. Line 5 on Page 2 of the Attachment MM-CMMPA Agency template shall be the sum of all projects identified in Lines 1 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO South MVP Cost Allocation Subregion identified in Attachment XX.
- xvi. Line 6 on Page 2 of the Attachment MM-CMMPA Agency template shall be the sum of all projects identified in Lines 1 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO system-wide footprint.

4 Calculation of True-Up Adjustment

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

5 The MVP Usage Rate (MUR):

The MUR is a rate applied to the MISO Midwest MVP Cost Allocation Subregion, the MISO South MVP Cost Allocation Subregion, or the MISO system-wide footprint pursuant to Attachment FF and Attachment XX, and charged via Schedule 26-A. The revenue requirements used to derive the MUR(s) are the revenue requirements of each Transmission Owner's *pro forma* Attachment MM or company-specific Attachment MM, including Attachment MM-CMMPA Agency. Section 4 of the Transmission Provider's *pro forma* Attachment MM provides a complete description of the development and application of the MUR(s).

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.

MISO
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ATTACHMENTS

ATTACHMENT MM
CMMPA Agency
32.0.0

Formula Rate Calculation

Rate Formula Template
Utilizing Attachment O – CMMPA Agency
CMMPA Agency

Attachment MM – CMMPA Agency
For the 12 months ended 12/31/____

Page 1 of 2

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

(1)	(2)	(3)	(4)
Line No.	Attachment O-CMMPA Agency Page, Line, Col.	Transmission	Allocator
1	Gross Transmission Plant - Total	Attach O-CMMPA Agency, p 2, lines 2+2a+18a+23c 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	Line 1 minus Line 1a (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%
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-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%
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%
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

Effective On: January 1, 2024

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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 ASCR	Sum of line 11 and 13		0.00%
15	Annual Allocation Factor for Incentive Return on Projects Receiving the HCSR	Attach O-CMMPA Agency, p 4, line 30d col 5	0.00%	0.00%

Effective On: January 1, 2024

MISO
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ATTACHMENTS

ATTACHMENT MM
CMMPA Agency
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Formula Rate Calculation

Rate Formula Template
Utilizing Attachment O – CMMPA Agency
CMMPA Agency

Attachment MM – CMMPA Agency
For the 12 months ended 12/31/____

Page 2 of 2

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 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	Annual Allocation Factor 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 4 * Col 5)	Page 1 line 9	(Col 3 * Col 7)	(Col 6 + Col 8)	(Col 3 – Col 4)	(Page 1 line 14)	(Pg 1 line 15, Column 4) (Note J)	(Col 10 * (Col 11 + Col 11a))	(Note E)	(Sum Col. 9, 12 & 13)	(Note F)	Sum Col. 14 & 15 (Note G)
Multi-Value Projects (MVP)																	
1a	Project 1		\$ -	\$ -	0.00%	\$ -	0.00%	\$0.00	\$0.00	\$ -	0.00%	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
1b	Project 2		\$ -	\$ -	0.00%	\$ -	0.00%	\$0.00	\$0.00	\$ -	0.00%	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
1c	Project 3		\$ -	\$ -	0.00%	\$ -	0.00%	\$0.00	\$0.00	\$ -	0.00%	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -

Effective On: January 1, 2024

2	MVP Total Annual Revenue Requirements					\$0	\$0	\$0
3	Rev. Req. Adj For Attachment O-CMMPA Agency					\$0		
4	MISO Midwest MVP Cost Allocation Subregion Total MVP Annual Revenue Requirement (Note M)					\$0	\$0	\$0
5	MISO South MVP Cost Allocation Subregion Total MVP Annual Revenue Requirement (Note M)					\$0	\$0	\$0
6	MISO System-Wide Total MVP Annual Revenue Requirement (Note M)					\$0	\$0	\$0

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ATTACHMENTS

ATTACHMENT MM
CMMPA Agency
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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 less any prefunded AFUDC, if applicable. Line 1 should also include any Unamortized Regulatory Asset amount from page 2 line 23c of Attachment O-CMMPA Agency.
- 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. Project Gross Plant also includes any Unamortized Regulatory Asset amount from page 2 line 23c of Attachment O-CMMPA Agency. 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 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 for 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.
- M Line 4 is only applicable to the MISO Midwest MVP Cost Allocation Subregion projects or MVPs approved prior to May 19, 2022 and located in the MISO Midwest MVP Cost Allocation Subregion. Line 5 is only applicable to the MISO South MVP Cost Allocation Subregion projects. Line 6 is only applicable to the MISO system-wide footprint projects approved as part of a Portfolio with benefits spread broadly across the MISO system-wide footprint that terminates in either the MISO Midwest MVP Cost Allocation Subregion or the MISO South MVP Cost Allocation Subregion as identified in Attachment XX

Effective On: January 1, 2024

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 Schedules 26-A and Schedule 39. This Attachment MM – ATCLLC applies to MVPs in the MISO Midwest MVP Cost Allocation Subregion, the MISO South MVP Cost Allocation Subregion, or the MISO system-wide footprint that are determined under Attachment FF and Attachment XX 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, 26, 26-B, 26-C, 26-E, 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, or that will be Competitive Transmission Projects, 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.
- (e) ATCLLC shall determine its projected MVP Revenue Requirement(s) for the following year concurrently with the preparation of its associated Attachment O-ATCLLC.
- (f) ATCLLC shall make available to any interested party by publicly posting on OASIS its projected MVP Revenue Requirement(s), including all inputs in sufficient detail to identify the components of its revenue requirement(s) for Attachment MM-ATCLLC, including any amounts representing a True-Up Adjustment(s), concurrently when it publicly posts on OASIS its projected revenue requirement for Attachment O-ATCLLC.
- (g) A Project's True-Up Adjustment will be added to its individual projected Attachment MM-ATCLLC revenue requirement. The Attachment MM-ATCLLC True-Up Adjustment will be calculated as specified in Section 3 of this Attachment MM-ATCLLC.

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) Regulatory Liability Amortization, and 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, Page 3, Line 1 Column 5, by the amount of

Transmission Accumulated Depreciation included on Attachment O – ATCLLC, Page 2, Line 8a, Column 5 minus the amount of Regulatory Liabilities included in Attachment O – ATCLLC, Page 2, Line 12a, Column 5 (note the amount reported in Line 12a is a negative and subtracting a negative number results in a positive value).

- 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, Page 3, Line 1 Column 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 Regulatory Liability Amortization, and General and Common Depreciation Expense shall be determined by dividing the amount included on Attachment O – ATCLLC, Page 3, Lines 9a, 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 plus any unamortized Regulatory Liabilities amount included in Attachment O – ATCLLC, Page 2, Line 12a, Column 5.
- 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 plus any unamortized Regulatory Liabilities amount included in Attachment O – ATCLLC, Page 2, Line 12a, Column 5.
- 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.
- xiii. Line 4 on Page 2 of the Attachment MM-ATCLLC template shall be the sum of all projects identified in Lines 1 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO Midwest MVP Cost Allocation Subregion identified in Attachment XX or MVPs approved prior to May 19, 2022 and located in the MISO Midwest MVP Cost Allocation Subregion.
- xiv. Line 5 on Page 2 of the Attachment MM-ATCLLC template shall be the sum of all projects identified in Lines 1 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO South MVP Cost Allocation Subregion identified in Attachment XX.
- xv. Line 6 on Page 2 of the Attachment MM-ATCLLC template shall be the sum of all projects identified in Lines 1 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO system-wide footprint.

4 The MVP Usage Rate (MUR)

(a) The MUR is a rate applied to the MISO Midwest MVP Cost Allocation Subregion, the MISO South MVP Cost Allocation Subregion, or the MISO system-wide footprint pursuant to Attachment FF and Attachment XX, and charged via Schedule 26-A. The revenue requirements used to derive the MUR(s) are the revenue requirements of each Transmission Owner's pro forma Attachment MM or company-specific Attachment MM, including Attachment MM – ATCLLC. Please refer to Section 5 of the *pro forma* Attachment MM for a complete description and application of the development of the MUR(s).

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.

MISO
FERC Electric Tariff
ATTACHMENTS

ATTACHMENT MM - ATCLLC
Rate Formula Template Utilizing Attachment O - ATCLLC Data
34.0.0

Formula Rate calculation

Rate Formula Template
Utilizing Attachment O-ATCLLC Data
American Transmission Company LLC

Attachment MM – ATCLLC
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
1	Gross Transmission Plant - Total	Attach O - ATCLLC, p 2, lines 2 & 3a col 5 less Note L (Note A)	
1a	Transmission Accumulated Depreciation	Attach O - ATCLLC, p 2, lines 8 & 9a, minus 12a col 5 less Note L (Note A)	
2	Net Transmission Plant - Total	Line 1 minus Line 1a (Note B)	-
3	O&M TRANSMISSION EXPENSE Total O&M Allocated to Transmission	Attach O - ATCLLC, p 3, line 8 col 5	-
3a	Transmission O&M	Attach O - ATCLLC, p 3, lines 1 & 5b 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	-
3d	Adjusted Transmission O&M	Line 3a minus Lines 3a1, 3b and 3c	-
4	Annual Allocation Factor for Transmission O&M 0.00%	(Line 3d divided by line 1a, col 3) 0.00%	
4a	OTHER O&M EXPENSE Other O&M Allocated to Transmission	Line 3 minus Lines 3d and 3a1	
4b	Annual Allocation Factor for Other O&M 0.00%	Line 4a divided by Line 1, col 3 0.00%	
5	REGULATORY LIABILITY AMORTIZATION, AND GENERAL AND COMMON (G&C) DEPRECIATION EXPENSE Total Reg. Liability Amort., and G&C Depreciation Expense	Attach O - ATCLLC, p 3, lines 9a, 10 & 11, col 5 plus Note L (Note H)	
6	Annual Allocation Factor for G&C Depreciation Expense 0.00%	(line 5 divided by line 1 col 3) 0.00%	
7	TAXES OTHER THAN INCOME TAXES Total Other Taxes	Attach O - ATCLLC, p 3, line 20 col 5	
8	Annual Allocation Factor for Other Taxes 0.00%	(line 7 divided by line 1 col 3) 0.00%	
9	Annual Allocation Factor for Other Expense 0.00%	Sum of line 4b, 6, and 8 0.00%	
10	INCOME TAXES Total Income Taxes	Attach O - ATCLLC, p 3, line 27 col 5	
11	Annual Allocation Factor for Income Taxes 0.00%	(line 10 divided by line 2 col 3) 0.00%	
12	RETURN Return on Rate Base	Attach O - ATCLLC, p 3, line 28 col 5	
13	Annual Allocation Factor for Return on Rate Base 0.00%	(line 12 divided by line 2 col 3) 0.00%	
14	Annual Allocation Factor for Return	Sum of line 11 and 13	

Effective On: January 1, 2025

Formula Rate calculation

Rate Formula Template
Utilizing Attachment O-ATCLLC Data
American Transmission Company LLC

Attachment MM – ATCLLC
For the 12 months ended //

Page 2 of 2

Multi-Value Project (MVP) Revenue Requirement Calculation

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(13a)	(14)	(15)	(16)
Line Number	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	Annual Return Charge	Project Depreciation Expense	Preliminary Survey and Investigation Expense	Annual Revenue Requirement	True- Up Adjustment	MVP Annual Adjusted Revenue Requirement
					Page 1 line 4	(Col 4 + Col 5)	Page 1 line 9	(Col 3 + Col 7)	(Col 6 + Col 8)	(Col 13 - Col 4)	(Page 1 line 14)	(Col 10 + Col 11)	(Note E)	(Note J)	(Sum Col. 9, 12, 13 & 13a)	(Not e F)	Sum Col. 14 & 15 (Note G)
				(Note C)													
Multi-Value Projects (MVP)																	
1			\$	\$		\$		\$	\$	\$	0.00%	\$	\$	\$	\$	\$	\$
a			-	-	0.00%	-	0.00%	-	-	-	0.00%	-	-	-	-	-	-
l			\$	\$		\$		\$	\$	\$	0.00%	\$	\$	\$	\$	\$	\$
c			-	-	0.00%	-	0.00%	-	-	-	0.00%	-	-	-	-	-	-
l			\$	\$		\$		\$	\$	\$	0.00%	-	\$	\$	\$	\$	\$
b			-	-	0.00%	-	0.00%	-	-	-	0.00%	-	-	-	-	-	-
l			\$	\$		\$		\$	\$	\$	0.00%	-	\$	\$	\$	\$	\$
d			-	-	0.00%	-	0.00%	-	-	-	0.00%	-	-	-	-	-	-
l			\$	\$		\$		\$	\$	\$	0.00%	\$	\$	\$	\$	\$	\$
e			-	-	0.00%	-	0.00%	-	-	-	0.00%	-	-	-	-	-	-
l			\$	\$		\$		\$	\$	\$	0.00%	\$	\$	\$	\$	\$	\$
f			-	-	0.00%	-	0.00%	-	-	-	0.00%	-	-	-	-	-	-
l			\$	\$		\$		\$	\$	\$	0.00%	\$	\$	\$	\$	\$	\$
g			-	-	0.00%	-	0.00%	-	-	-	0.00%	-	-	-	-	-	-
l			\$	\$		\$		\$	\$	\$	0.00%	\$	\$	\$	\$	\$	\$
h			-	-	0.00%	-	0.00%	-	-	-	0.00%	-	-	-	-	-	-
l			\$	\$		\$		\$	\$	\$	0.00%	\$	\$	\$	\$	\$	\$
i			-	-	0.00%	-	0.00%	-	-	-	0.00%	-	-	-	-	-	-
l			\$	\$		\$		\$	\$	\$	0.00%	\$	\$	\$	\$	\$	\$
j			-	-	0.00%	-	0.00%	-	-	-	0.00%	-	-	-	-	-	-
l			\$	\$		\$		\$	\$	\$	0.00%	\$	\$	\$	\$	\$	\$
k			-	-	0.00%	-	0.00%	-	-	-	0.00%	-	-	-	-	-	-
l			\$	\$		\$		\$	\$	\$	0.00%	\$	\$	\$	\$	\$	\$
l			-	-	0.00%	-	0.00%	-	-	-	0.00%	-	-	-	-	-	-
l			\$	\$		\$		\$	\$	\$	0.00%	\$	\$	\$	\$	\$	\$
m			-	-	0.00%	-	0.00%	-	-	-	0.00%	-	-	-	-	-	-
l			\$	\$		\$		\$	\$	\$	0.00%	\$	\$	\$	\$	\$	\$
n			-	-	0.00%	-	0.00%	-	-	-	0.00%	-	-	-	-	-	-
l			\$	\$		\$		\$	\$	\$	0.00%	\$	\$	\$	\$	\$	\$
o			-	-	0.00%	-	0.00%	-	-	-	0.00%	-	-	-	-	-	-
l			\$	\$		\$		\$	\$	\$	0.00%	\$	\$	\$	\$	\$	\$
p			-	-	0.00%	-	0.00%	-	-	-	0.00%	-	-	-	-	-	-
l			\$	\$		\$		\$	\$	\$	0.00%	\$	\$	\$	\$	\$	\$
q			-	-	0.00%	-	0.00%	-	-	-	0.00%	-	-	-	-	-	-
l			\$	\$		\$		\$	\$	\$	0.00%	\$	\$	\$	\$	\$	\$
r			-	-	0.00%	-	0.00%	-	-	-	0.00%	-	-	-	-	-	-
l			\$	\$		\$		\$	\$	\$	0.00%	\$	\$	\$	\$	\$	\$
s			-	-	0.00%	-	0.00%	-	-	-	0.00%	-	-	-	-	-	-
l			\$	\$		\$		\$	\$	\$	0.00%	\$	\$	\$	\$	\$	\$
t			-	-	0.00%	-	0.00%	-	-	-	0.00%	-	-	-	-	-	-
l			\$	\$		\$		\$	\$	\$	0.00%	\$	\$	\$	\$	\$	\$
u			-	-	0.00%	-	0.00%	-	-	-	0.00%	-	-	-	-	-	-
l			\$	\$		\$		\$	\$	\$	0.00%	\$	\$	\$	\$	\$	\$
v			-	-	0.00%	-	0.00%	-	-	-	0.00%	-	-	-	-	-	-
l			\$	\$		\$		\$	\$	\$	0.00%	\$	\$	\$	\$	\$	\$
w			-	-	0.00%	-	0.00%	-	-	-	0.00%	-	-	-	-	-	-
l			\$	\$		\$		\$	\$	\$	0.00%	\$	\$	\$	\$	\$	\$
x			-	-	0.00%	-	0.00%	-	-	-	0.00%	-	-	-	-	-	-

2 MVP Total Annual Revenue Requirements 0 \$0 \$0 \$0

MISO
FERC Electric Tariff
ATTACHMENTS

ATTACHMENT MM - ATCLLC
Rate Formula Template Utilizing Attachment O - ATCLLC Data
34.0.0

3	Rev. Req. Adj For Attachment O - ATCLLC				\$0
4	MISO Midwest MVP Cost Allocation Subregion Total MVP Annual Revenue Requirement (Note K)				\$0 \$0 \$0
5	MISO South MVP Cost Allocation Subregion Total MVP Annual Revenue Requirement (Note K)				\$0 \$0 \$0
6	MISO System-Wide Total MVP Annual Revenue Requirement (Note K)				\$0 \$0 \$0

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. Gross Transmission Plant also includes Gross Energy Storage Plant identified as a transmission asset on page 2 line 3a of Attachment O-ATCLLC less gross plant adjustment from Note L, line 1. Transmission Accumulated Depreciation includes Energy Storage Accumulated Depreciation identified as a transmission asset and are identified on Attachment O-ATCLLC page 2, lines 8a, 8b and 12a and Attachment O-ATCLLC page 2 line 9a, respectively, and comports with this Note A and B below. Note the amount reported in Line 12a of Attachment O - ATCLLC is a negative and subtracting a negative number results in a positive value. Transmission Accumulated Depreciation on line 1a is reduced by the accumulated depreciation adjustment from Note L, line 2.				
B	Net Transmission and Energy Storage Plant is that identified on page 2 lines 14a, 14b and 15a 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, but does not exclude project-specific amounts in Accounts 351.1, 351.2, or 351.3 (if applicable), and includes CWIP in 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 - 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. Note the amount reported in Line 9a of Attachment O - ATCLLC is a negative and should be used as a negative number. Also includes depreciation and amortization adjustment from Note L, line 4.				
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 MISO approved projects and included in Attachment O - ATCLLC, Page 3, Line 1, Column 5.				
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 MISO approved MVP Projects and included in Attachment O - ATCLLC, Page 3, Line 1, Column 5.				
K	Line 4 is only applicable to the MISO Midwest MVP Cost Allocation Subregion projects or MVPs approved prior to May 19, 2022 and located in the MISO Midwest MVP Cost Allocation Subregion. Line 5 is only applicable to the MISO South MVP Cost Allocation Subregion projects. Line 6 is only applicable to the MISO system-wide footprint projects approved as part of a Portfolio with benefits spread broadly across the MISO system-wide footprint that terminates in either the MISO Midwest MVP Cost Allocation Subregion or the MISO South MVP Cost Allocation Subregion as identified in Attachment XX.				
L	Gross plant, accumulated depreciation and general and common depreciation expense adjustments related to Accounts 351.1, 351.2 and 351.3.				
	1. Gross plant in Accounts 351.1, 351.2 and 351.3 (included in Attachment O-ATCLLC, p 2, line 2a).	Company Total	TP	Transmission	
	2. Accumulated depreciation related to Accounts 351.1, 351.2 and 351.3 (included in Attachment O-ATCLLC, p 2, line 8a).	\$- 0.00000	\$-	- Exclude from page 1, line 1	
	3. Net plant for Accounts 351.1, 351.2 and 351.3.	\$- 0.00000	\$-	- Exclude from page 1, line 1a	
	4. Depreciation & amortization related to Accounts 351.1, 351.2 and 351.3 (included in Attachment O-ATCLLC, p 3, line 9).	\$- 0.00000	\$-	- Include with page 1, line 5	

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 (MVPs in the MISO Midwest MVP Cost Allocation Subregion, the MISO South MVP Cost Allocation Subregion, or the MISO system-wide footprint) 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 calculated in accordance with the applicable Attachment MM True-Up template(s) and 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 applicable Schedule 26-A revenues distributed to ATCLLC allocated proportionately to all applicable 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.

ATTACHMENT MM - ATCLLC
2012 Annual Attachment MM True-up Calculation
31.0.0

American Transmission Company LLC

Effective On: October 18, 2014

MISO
FERC Electric Tariff
ATTACHMENTS

ATTACHMENT MM - ATCLLC
2012 Annual Attachment MM True-up Calculation
31.0.0

	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -
	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -
	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -
	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -
	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -
	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -
	\$ -	0.00%	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -
MVP Total Annual Revenue Requirements	\$ 3,000,000	100.00%	\$ 3,500,000	100.00%	\$ 3,600,000	\$ 100,000	\$ 6,000	\$ 106,000

Notes:

- 1) From the projected Attachment MM - ATCLLC (page 2 column 16) calculated in conjunction with the projected Attachment O - ATCLLC used for setting billing rates.
- 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 True-Up 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.

Annual Interest Rate

3.00%

Interest Income(Expense)

\$ 6,000

Effective On: October 18, 2014

ATTACHMENT MM-DPC

MULTI-VALUE PROJECT CHARGE (“MVP Charge”)

1 Multi-Value Projects:

This Attachment MM-DPC 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-DPC applies to MVPs in the MISO Midwest MVP Cost Allocation Subregion, the MISO South MVP Cost Allocation Subregion, or the MISO system-wide footprint that are determined under Attachment FF and Attachment XX to be subject to this Attachment MM-DPC that are not subject to the cost recovery provisions of Attachment N. The charges under this Attachment MM-DPC shall be in addition to any charges under Schedules 7, 8, 9, 26, 26-B, 26-C, 26-E, 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, or that will be Competitive Transmission Projects, 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-DPC, Dairyland Power Cooperative shall furnish to the Transmission Provider its annual revenue requirement for each MVP subject to this Attachment MM-DPC as calculated in Section 3 below.

- (c) For purposes of preparing the Attachment MM-DPC, Dairyland Power Cooperative must utilize the same test period that is utilized in the preparation of its Attachment O-DPC.
- (d) Projects included in Attachment MM-DPC must be in-service prior to or during the test period indicated in (c) above. If Dairyland Power Cooperative 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-DPC provided Dairyland Power Cooperative supplies the Transmission Provider with evidence of FERC approval.
- (e) In order to prevent over recovery of Attachment O-DPC revenue, the revenue requirement(s) calculated pursuant to Attachment MM-DPC (excluding any True-Up Adjustment(s)) will be subtracted by Dairyland Power Cooperative from its Attachment O-DPC revenue requirement.
- f) DPC shall determine its projected MVP Revenue Requirement(s) for the following year concurrently with the preparation of its associated Attachment O-DPC.
- g) DPC shall make available to any interested party by publicly posting on OASIS its projected MVP Revenue Requirement(s), including all inputs in sufficient detail to identify the components of its revenue requirement(s) for Attachment MM-DPC, including any amounts representing a True-Up Adjustment(s), concurrently when it publicly posts on OASIS its projected revenue requirement for Attachment O-DPC.

h) A Project's True-Up Adjustment will be added to its individual projected Attachment MM-DPC revenue requirement. The Attachment MM-DPC True-Up Adjustment(s) will be calculated as specified in Section 4 of this Attachment MM-DPC.

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-DPC which utilizes select entries from the currently effective Attachment O-DPC:

- 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 Returns

ii. Subsections (iii) through (xi) describe the calculation of the Annual Allocation Factors using references to the Attachment O-DPC.

iii. The Annual Allocation Factor for Transmission Operation and Maintenance shall be determined by dividing the sum of Attachment O-DPC, Page 3, Line 1, Column 5 minus

Attachment O-DPC, Page 3, Line 1a, Column 5, if any, minus Attachment O-DPC, Page 3, Line 2 Column 5, if any, by the amount of Transmission Accumulated Depreciation included on Attachment O-DPC, Page 2, Lines 8, 8a, 8b, 8c and 8d, Column 5 less any amortized prefunded AFUDC balance, if applicable.

iv. The Annual Allocation Factor for Other Operation and Maintenance shall be determined by dividing the sum of the amount included on Attachment O-DPC, Page 3, Line 8, Column 5 minus the Adjusted Transmission O&M amount calculated in (iii) above and reflected on Attachment MM-DPC, Page 1, Line 3c by the amount of Gross Transmission Plant In-Service included on Attachment O-DPC, Page 2, Lines 2, 2a, 2b, 2c and 2d, 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-DPC, Page 3, Lines 10 & 11, Column 5 by the amount of Gross Transmission Plant In-Service included on Attachment O-DPC, Page 2, Lines 2, 2a, 2b, 2c and 2d, 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-DPC, Page 3, Line 20, Column 5 by the amount of Gross Transmission Plant In-Service included on Attachment O-DPC, Page 2, Lines 2, 2a, 2b, 2c and 2d, 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-DPC, Page 3, Line 27, Column 5 by the amount included for the Net Transmission Plant In-Service Attachment MM-DPC, Page 1 Line 2. This component shall be zero for publicly-owned Transmission Owners such as DPC. Net Transmission Plant In-Service shall include any CWIP included in Rate Base (Attachment O-DPC, Page 2, Line 18a, Column 5), and the Unamortized Balance of Abandoned Plant (Attachment O-DPC, Page 2, Lines 23a, 23b, 23c and 23d, 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-DPC, Page 3, Line 28, Column 5 by the

amount of Net Transmission Plant In-Service included on Attachment MM-DPC, Page 1, Line 2. Net Transmission Plant In-Service shall include any CWIP included in Rate Base (Attachment O-DPC, Page 2, Line 18a, Column 5), and the Unamortized Balance of Abandoned Plant (Attachment O-DPC, Page 2, Lines 23a, 23b, 23c and 23d, 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 the amount included on Attachment O-DPC, Page 4, as follows: Line 29e relates to HCSR2, which is only applicable to the Badger Coulee portion of MTEP Project 3127, Line 29i relates to HCSR3, which is only applicable to the Cardinal Hickory Creek portion of MTEP Project 3127 and Line 29m relates to HCSR4, which is only applicable to Wilmarth – North Rochester – Tremval of MTEP Project 23371.

xii. The MVP Annual Revenue Requirement for each individual Project subject to this Attachment MM-DPC 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-DPC, Page 3, Line 12, Column 5;
- 4) True-Up Adjustment equals any applicable Attachment MM-DPC true-up
amount calculated under Section 4 of this Attachment MM-DPC; 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-DPC as identified in (iv), (v) and (vi) above
and Net Plant values from Attachment MM-DPC 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-DPC template attached, to be identified as Line 1a, 1b, etc.
Dairyland Power Cooperative shall add additional sub-rows to Line 1 as needed to
accommodate additional Projects.

- xiv. Line 4 on Page 2 of the Attachment MM-DPC template shall be the sum of all projects identified in Lines 1 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO Midwest MVP Cost Allocation Subregion identified in Attachment XX or MVPs approved prior to May 19, 2022 and located in the MISO Midwest MVP Cost Allocation Subregion.
- xv. Line 5 on Page 2 of the Attachment MM-DPC template shall be the sum of all projects identified in Lines 1 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO South MVP Cost Allocation Subregion identified in Attachment XX.
- xvi. Line 6 on Page 2 of the Attachment MM-DPC template shall be the sum of all projects identified in Lines 1 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO system-wide footprint.

4 Calculation of True-Up Adjustment:

DPC shall calculate its True-Up Adjustment(s) as set forth in Attachment MM, Section 4.

5 The MVP Usage Rate (MUR):

The MUR is a rate applied to the MISO Midwest MVP Cost Allocation Subregion, the MISO South MVP Cost Allocation Subregion, or the MISO system-wide footprint pursuant to Attachment FF and Attachment XX, and charged via Schedule 26-A. The revenue requirements used to derive the MUR(s) are the revenue requirements of each Transmission Owner's *pro forma* Attachment MM or company-specific Attachment MM, including Attachment MM-DPC.

Section 5 of the Transmission Provider's *pro forma* Attachment MM provides a complete description of the development and application of the MUR(s).

6 Nothing contained in this Attachment MM-DPC shall limit the right of Dairyland Power Cooperative 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-DPC, 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-DPC.

MISO
FERC Electric Tariff
ATTACHMENTS

ATTACHMENT MM - DPC
DPC Rate Formula Template Utilizing Attachment O-DPC Data
34.0.0

Formula Rate Calculation

Rate Formula Template
Utilizing Attachment O-DPC Data
Dairyland Power Cooperative

Attachment MM – DPC
For the 12 months ended 12/31/____

Page 1 of 2

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

(1)	(2)	(3)	(4)
Line No.	Attachment O-DPC Page, Line, Col.	Transmission	Allocator
1	Gross Transmission Plant - Total	Attach O, p 2, lines 2 + 2a + 2b +2c+2d col 5 (Note A)	0
1a	Transmission Accumulated Depreciation	Attach O, p 2, lines 8 +8a + 8b + 8c+8d 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: Account 565 included in above, if any	Attach O, p 3, line 2 col 5, if any	0
3c	Adjusted Transmission O&M	Line 3a minus Line 3b	0
4	Annual Allocation Factor for Transmission O&M	(line 3c 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 3c	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			

Effective On: January 1, 2024

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%
15	Annual Allocation Factor for Incentive Return for HCSR2	Attach O, p 4 line 29e col 5	0.00%	0.00%
16	Annual Allocation Factor for Incentive Return for HCSR3	Attach O, p 4 line 29i col 5	0.00%	0.00%
17	Annual Allocation Factor for Incentive Return HCSR4	Attach O, p 4 line 29m col 5	0.00%	0.00%

MISO
FERC Electric Tariff
ATTACHMENTS

ATTACHMENT MM - DPC
DPC Rate Formula Template Utilizing Attachment O-DPC Data
34.0.0

Formula Rate Calculation

Rate Formula Template
Utilizing Attachment O-DPC Data
Dairyland Power Cooperative

Attachment MM – DPC
For the 12 months ended 12/31/____

Page 2 of 2

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 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	Allocation Factor for Incentive Return	Annual Return Charge	Project Depreciation Expense	Annual Revenue Requirement	True-Up Adjustment	MVP Annual Adjusted Revenue Requirement
	Note K	Note L	(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)	(Pg 1 line 15 or line 16 or line 17) (Note J)	(Col 10 * (Col 11 + Col 11a))	(Note E)	(Sum Col. 9, 12 & 13)	(Note F)	Sum Col. 14 & 15 (Note G)
Multi-Value Projects (MVP)																	
1a	Project 1	P1	\$ -	\$ -	0.00%	\$ -	0.00%	\$0.00	\$0.00	\$ -	0.00%	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
1b	Project 2	P2	\$ -	\$ -	0.00%	\$ -	0.00%	\$0.00	\$0.00	\$ -	0.00%	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
1c	Project 3	P3	\$ -	\$ -	0.00%	\$ -	0.00%	\$0.00	\$0.00	\$ -	0.00%	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -

Effective On: January 1, 2024

2	MVP Total Annual Revenue Requirements						\$0	\$0	\$0
3	Rev. Req. Adj For Attachment O - DPC						\$0		
4	MISO Midwest MVP Cost Allocation Subregion Total MVP Annual Revenue Requirement (Note M)						\$0		\$0
5	MISO South MVP Cost Allocation Subregion Total MVP Annual Revenue Requirement (Note M)						\$0		\$0
6	MISO System-Wide Total MVP Annual Revenue Requirement (Note M)						\$0		\$0

Note
Letter

- A Gross Transmission Plant is that identified on page 2 lines 2 +2a + 2b + 2c + 2d of Attachment O-DPC and is inclusive of any CWIP in rate base when authorized by FERC order less any prefunded AFUDC associated with gross plant and CWIP, if applicable.
- B Net Transmission Plant is that identified on page 2 lines 14 +14a +14b + 14c + 14d of Attachment O-DPC 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. 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-DPC page 3 line 12. This line will also include any amortization of abandoned plant cost that have been approved for recovery by FERC. No abandoned plant costs will be included until approved by FERC under a separate docket.
- 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 DPC actual capital structure.
- J This is the incentive return for projects receiving the hypothetical capital structure return 2 or 3 or 4 (HCSR2 is only applicable to Bader Coulee and HCSR3 is only applicable to Cardinal Hickory Creek and HCSR4 is only applicable to Wilmarth – North Rochester - Tremval).
- K 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.
- L MTEP Project 3127 will be reported on two (2) separate lines. One line is for Badger Coulee portion of MTEP Project 3127 and a second line is for the Cardinal Hickory Creek portion of MTEP Project 3127.
- M Line 4 is only applicable to the MISO Midwest MVP Cost Allocation Subregion projects or MVPs approved prior to May 19, 2022 and located in the MISO Midwest MVP Cost Allocation Subregion. Line 5 is only applicable to the MISO South MVP Cost Allocation Subregion projects. Line 6 is only applicable to the MISO system-wide footprint projects approved as part of a

Portfolio with benefits spread broadly across the MISO system-wide footprint that terminates in either the MISO Midwest MVP Cost Allocation Subregion or the MISO South MVP Cost Allocation Subregion as identified in Attachment XX.

ATTACHMENT MM-WPPI

MULTI-VALUE PROJECT CHARGE (“MVP Charge”)

1 Multi-Value Projects:

This Attachment MM-WPPI 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-WPPI applies to those MVPs that are determined under Attachment FF to be subject to this Attachment MM-WPPI that are not subject to the cost recovery provisions of Attachment N. The charges under this Attachment MM-WPPI 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-WPPI, WPPI Energy shall furnish to the Transmission Provider its annual revenue requirement for each MVP subject to this Attachment MM-WPPI as calculated in Section 3 below.

- (c) For purposes of preparing the Attachment MM-WPPI, WPPI Energy must utilize the same test period that is utilized in the preparation of its Attachment O-WPPI.
- (d) Projects included in Attachment MM-WPPI must be in-service prior to or during the test period indicated in (c) above. If WPPI 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-WPPI provided WPPI Energy supplies the Transmission Provider with evidence of FERC approval.
- (e) In order to prevent over recovery of Attachment O-WPPI revenue, the revenue requirement calculated pursuant to Attachment MM-WPPI (excluding any True-Up Adjustment) will be subtracted by WPPI Energy from its Attachment O-WPPI revenue requirement.

3 Calculation of the MVP Annual Revenue Requirement:

- (a) The MVP Annual Revenue Requirement for WPPI Energy 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-WPPI which utilizes select entries from the currently effective Attachment O-WPPI:
 - 1) Operation and Maintenance Expense

- 2) General and Common Depreciation Expense
 - 3) Taxes Other Than Income Taxes
 - 4) Income Taxes
 - 5) Return
 - 6) Incentive Return
- ii. Subsections (iii) through (x) describe the calculation of the Annual Allocation Factors using references to the Attachment O-WPPI.
- iii. The Annual Allocation Factor for Operation and Maintenance shall be determined by dividing Attachment O-WPPI, Page 3, Line 8, Column 5 by the amount of Gross Transmission Plant In-Service included on Attachment O-WPPI, Page 2, Lines 2, 2a, and 2b, Column 5. The Gross Transmission Plant In-Service shall include any CWIP, Unamortized Abandoned Plant and Unamortized Regulatory Asset included in Rate Base when authorized by FERC order less any prefunded AFUDC, if applicable.
- iv. The Annual Allocation Factor for General and Common Depreciation Expense shall be determined by dividing the amount included on Attachment O-WPPI, Page 3, Lines 10 & 11, Column 5 by the sum of the amounts of Gross

Transmission Plant In-Service included on Attachment O-WPPI, Page 2, Lines 2, 2a, and 2b, Column 5. The Gross Transmission Plant In-Service shall include any CWIP, Unamortized Abandoned Plant and Unamortized Regulatory Asset included in Rate Base when authorized by FERC order less any prefunded AFUDC, if applicable.

- v. The Annual Allocation Factor for Other Taxes shall be determined by dividing the amount included on Attachment O-WPPI, Page 3, Line 20, Column 5 by the sum of the amounts of Gross Transmission Plant In-Service included on Attachment O-WPPI, Page 2, Lines 2, 2a, and 2b, Column 5. The Gross Transmission Plant In-Service shall include any CWIP, Unamortized Abandoned Plant and Unamortized Regulatory Asset included in Rate Base when authorized by FERC order less any prefunded AFUDC, if applicable.
- vi. The Annual Allocation Factor for Expense shall be the sum of (iii), (iv) and (v) above.
- vii. The Annual Allocation Factor for Income Tax shall be determined by dividing the amount included on Attachment O-WPPI, Page 3, Line 27, Column 5 by the amount included for the Net Transmission Plant In-Service Attachment O-WPPI, Page 2, Lines 14, 14a, and 14b, Column 5. The Net Transmission Plant In-Service shall include any CWIP, Unamortized Abandoned Plant and Unamortized Regulatory Asset 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.

- viii. The Annual Allocation Factor for Return on Rate Base shall be determined by dividing the amount included on Attachment O-WPPI, Page 3, Line 28, Column 5 by the amount of Net Transmission Plant In-Service included on Attachment O-WPPI, Page 2, Lines 14, 14a, and 14b, Column 5. The Net Transmission Plant In-Service shall include any CWIP, Unamortized Abandoned Plant and Unamortized Regulatory Asset included in Rate Base when authorized by FERC order less any prefunded AFUDC, if applicable.
- ix. The Annual Allocation Factor for Return shall be the sum of (vii) and (viii) above.
- x. The Annual Allocation Factor for Incentive Return shall be the amount included on Attachment O-WPPI, Page 4, Line 32b.
- xi. The MVP Annual Revenue Requirement for each individual Project subject to this Attachment MM-WPPI 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 Project's Gross Plant multiplied by the Annual Allocation Factor For Expense calculated in (vi) above;
 - 2) Annual Return Charge equals the Project's Net Plant multiplied by the Annual Allocation Factor for Return calculated in (ix) above;

- 3) Annual Incentive Return Charge equals the Project's Net Plant multiplied by the Annual Allocation for Incentive Return calculated in (x) 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-WPPI, Page 3, Line 12, Column 5;
 - 5) True-Up Adjustment equals any applicable Attachment MM-WPPI true-up amount calculated under Section 4 of this Attachment MM-WPPI; 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-WPPI as identified in (iii), (iv) and (v) above and Net Plant values from Attachment O-WPPI as identified in (vii) and (viii) 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-WPPI template attached, to be identified as Line 1a, 1b, etc. WPPI Energy shall add additional sub-rows to Line 1 as needed to accommodate additional Projects.

4 Calculation of Attachment MM-WPPI True-Up Adjustment

WPPI Energy 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-WPPI. Section 5 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-WPPI shall limit the right of WPPI 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-WPPI, 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-WPPI.

MISO
FERC Electric Tariff
ATTACHMENTS

ATTACHMENT MM - WPPI
WPPI Rate Formula Template
33.0.0

Formula Rate calculation

Rate Formula Template
Utilitizing Attachment O Data

Attachment MM – WPPI Energy
For the 12 months ended 12/31/____

WPPI Energy

Page 1 of 2

To be completed in conjunction with Attachment O.

(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, 2a, 2b, 23a, 23b, 23c and 23d col 5 (Note A)	0	
2	Net Transmission Plant - Total	Attach O, p 2, line 14, 14a, 14b, 23a, 23b, 23c and 23d col 5 (Note B)	0	
O&M EXPENSE				
3	Total O&M Allocated to Transmission	Attach O, p 3, line 8 col 5	0	
4	Annual Allocation Factor for O&M	(line 3 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 Expense	Sum of line 4, 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	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%

Effective On: September 1, 2019

MISO
FERC Electric Tariff
ATTACHMENTS

ATTACHMENT MM - WPPI
WPPI Rate Formula Template
33.0.0

15 Annual Allocation Factor for Incentive Return
HCSR2

Attach O, p 4, line 32b

0.00%

0.00%

Effective On: September 1, 2019

Formula Rate calculation

Rate Formula Template
Utilitizing Attachment O Data

Attachment MM – WPPI Energy
For the 12 months ended 12/31/____

WPPI Energy

Page 2 of 2

Multi-Value Project (MVP) Revenue Requirement Calculation

(1)		(2)		(3)		(4)		(5)		(6)		(7)		(8)		(8a)		(8b)		(9)		(10)		(11)		(12)	
Line No.	Project Name	MTEP Project Number	Project Gross Plant	Annual Allocation Factor for Expense	Annual Expense Charge	Project Net Plant	Annual Allocation Factor for Return	Annual Return Charge	Annual Allocation Factor for Incentive Return	Annual Incentive Return Charge	Project Depreciation Expense	Annual Revenue Requirement	True-Up Adjustment	MVP Annual Adjusted Revenue Requirement													
(Note C)				(Page 1 line 9)	(Col. 3 * Col. 4)	(Note D)	(Page 1 line 14)	(Col. 6 * Col. 7)	(Page 1 line 15)	(Col 6 * Col 8a)	(Note E)	(Sum Col. 5,8, 8b & 9)	(Note F)	Sum Col. 10 & 11 (Note G)													
1a	Project 1	P1	\$	0.00%	\$0	\$	0.00%	\$0	0.00%	\$0	\$0	\$0	\$ -	\$ -													
1b	Project 2	P2	\$	0.00%	\$0	\$	0.00%	\$0	0.00%	\$0	\$0	\$0	\$ -	\$ -													
1c	Project 3	P3	\$	0.00%	\$0	\$	0.00%	\$0	0.00%	\$0	\$0	\$0	\$ -	\$ -													
			-			-																					

MISO
FERC Electric Tariff
ATTACHMENTS

ATTACHMENT MM - WPPI
WPPI Rate Formula Template
33.0.0

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 lines 2, 2a and 2b of Attachment O - WPPI and is inclusive of any CWIP included in rate base when authorized by FERC order less any prefunded AFUDC, if applicable. Line 1 should also include any Unamortized Regulatory Asset amount from page 2 lines 23c and 23d, and any Unamortized Balance of Abandoned plant from page 2 lines 23a and 23b of Attachment O - WPPI.
B	Net Transmission Plant is that identified on page 2 lines 14, 14a and 14b of Attachment O - WPPI and includes any unamortized balance of abandoned plant, unamortized regulatory assets, and any CWIP included in rate base when authorized by FERC order less any prefunded AFUDC, if applicable.
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 less any prefunded AFUDC, if applicable. Project Gross Plant also includes any Unamortized Regulatory Asset amount from page 2 line 23d and any Unamortized Balance of Abandoned plant from page 2 lines 23b of Attachment O - WPPI related to the Badger Coulee Project. This value includes subsequent capital investments required to maintain the facilities to their original capabilities.
D	Project Net Plant is the Project Gross Plant Identified in Column 3 less the associated Accumulated Depreciation.
E	Project Depreciation Expense is the actual value booked for the project and included in the Depreciation Expense in Attachment O - WPPI page 3 line 12, less any prefunded AFUDC amortization, if applicable, related to the project. For the Badger Coulee Project only, is inclusive of any amount entered in Attachment O - WPPI page 3, line 9b related to the Badger Coulee Project.
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 26A 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 9.

MISO
FERC Electric Tariff
ATTACHMENTS

ATTACHMENT MM - PIONEER
Pioneer Rate Formula Template
34.0.0

Formula Rate Calculation

Rate Formula Template
Utilizing Attachment O Data
Pioneer Transmission, LLC

Attachment MM – Pioneer
For the 12 months ended 12/31/____

Page 1 of 2

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

(1) Line No.	(2) Attachment O Page, Line, Col.	(3) Transmission	(4) Allocator
1	Gross Transmission Plant - Total	Attach O, p 2, line 2 col 5 (Note A)	0
1a	Transmission Accumulated Depreciation	Attach O, p 2, line 8 col 5 (Note I)	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%
GENERAL (G) DEPRECIATION EXPENSE			
5	Total G Depreciation Expense (G)	Attach O, p 3, line 10, col 5 (Note H)	0
6	Annual Allocation Factor for G Depreciation Expense (G)	(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			

Effective On: January 1, 2022

MISO
FERC Electric Tariff
ATTACHMENTS

ATTACHMENT MM - PIONEER
Pioneer Rate Formula Template
34.0.0

12	Return on Rate Base	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%

Effective On: January 1, 2022

Formula Rate Calculation

Rate Formula Template
Utilizing Attachment O Data
Pioneer Transmission, LLC

Attachment MM – Pioneer
For the 12 months ended 12/31/____

Page 2 of 2

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	MTE P 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	Annual Return Charge	Project Depreciation Expense	Annual Revenue Requirement	True-Up Adjustment	MVP Annual Adjusted Revenue Requirement
			(Note C)	(Note J)	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	\$ -	\$ -	0.00%	\$ -	0.00%	\$0.00	\$0.00	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
1b	Project 2	P2	\$ -	\$ -	0.00%	\$ -	0.00%	\$0.00	\$0.00	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
1c	Project 3	P3	\$ -	\$ -	0.00%	\$ -	0.00%	\$0.00	\$0.00	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
2	MVP Total Annual Revenue Requirements													\$0	\$0	\$0
3	Rev. Req. Adj For Attachment O													\$0		

MISO
FERC Electric Tariff
ATTACHMENTS

ATTACHMENT MM - PIONEER
Pioneer Rate Formula Template
34.0.0

Note

Letter

- A Gross Transmission Plant is that identified on page 2 line 2 of Attachment O-Pioneer and is inclusive of any CWIP included in rate base when authorized by FERC order less any prefunded AFUDC associated with gross plant and CWIP, if applicable.
- B Net Transmission Plant is that identified on page 2 line 14 of Attachment O-Pioneer 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 Reserved for future use.
- E Project Depreciation Expense is the actual value booked for the project and included in the Depreciation Expense in Attachment O-Pioneer page 3 line 12, less any prefunded AFUDC amortization, if applicable, related to the project.
- F True-Up Adjustment is included pursuant to a FERC approved methodology, if applicable. For the Projected Year 2022 rate, FERC approved a one-time true-up methodology to allow Pioneer to pass through the refund to correct for an error in the revenue requirement for the year 2019. Pioneer Transmission, LLC filed on November 1, 2021 a request for approval to use a one-time true-up mechanism for use in calendar year 2022.
- G The MVP Annual Revenue Requirement is the value to be used in Schedules 26-A and 39.
- H The Total General Depreciation Expense excludes any depreciation expense directly associated with a project and thereby included in page 2 column 13.
- I Transmission Accumulated Depreciation that is identified on page 2 line 8 of Attachment O less any amortized prefunded AFUDC balance, if applicable.
- J Project Accumulated Depreciation for the project is calculated in the same method as the Transmission Accumulated Depreciation value in line 1a.

Effective On: January 1, 2022

ATTACHMENT MM-PIONEER

MULTI-VALUE PROJECT CHARGE (“MVP Charge”)

1. Multi-Value Projects:

This Attachment MM-Pioneer 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-Pioneer applies to those MVPs that are determined under Attachment FF to be subject to this Attachment MM-Pioneer that are not subject to the cost recovery provisions of Attachment N. The charges under this Attachment MM-Pioneer 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-Pioneer, Pioneer shall furnish to the Transmission Provider its annual revenue requirement for each MVP subject to this Attachment MM-Pioneer as calculated in Section 3 below.
- c) For purposes of preparing the Attachment MM-Pioneer, Pioneer must utilize the same test period that is utilized in the preparation of its Attachment O-Pioneer.

- d) Projects included in Attachment MM-Pioneer must be in-service prior to or during the test period indicated in (c) above. If Pioneer 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-Pioneer provided Pioneer supplies the Transmission Provider with evidence of FERC approval.
- e) In order to prevent over recovery of Attachment O-Pioneer revenue, the revenue requirement calculated pursuant to Attachment MM-Pioneer (excluding any annual incentive return charge for new transmission and True-Up Adjustment) will be subtracted by Pioneer from its Attachment O-Pioneer revenue requirement.
- f) Pioneer shall determine its projected MVP Revenue Requirement for the following year concurrently with the preparation of its associated Attachment O-Pioneer.
- g) Pioneer 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-Pioneer, including any amounts representing a True-Up Adjustment, concurrently when it publicly posts on OASIS its projected revenue requirement for Attachment O-Pioneer.
- h) A Project's True-Up Adjustment will be added to its individual projected Attachment MM-Pioneer revenue requirement. The Attachment MM-Pioneer True-Up Adjustment will be calculated as specified in Section 4 of this Attachment MM-Pioneer.

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-Pioneer which utilizes select entries from the currently effective Attachment O-Pioneer:

- 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-Pioneer.

iii. The Annual Allocation Factor for Transmission Operation and Maintenance shall be determined by dividing the sum of Attachment O-Pioneer, Page 3, Line 1, Column 5 minus Attachment O-Pioneer, Page 3, Line 1a, Column 5, if any,

minus Attachment O-Pioneer, Page 3, Line 2, Column 5, if any, by the amount of Transmission Accumulated Depreciation included on Attachment O-Pioneer, Page 2, Line 8, Column 5 less any prefunded AFUDC balance, if applicable.

- iv. The Annual Allocation Factor for Other Operation and Maintenance shall be determined by dividing the sum of the amount included on Attachment O-Pioneer, Page 3, Line 8, Column 5 minus the Adjusted Transmission O&M amount calculated in (iii) above and reflected on Attachment MM-Pioneer Page 1, Line 3d by the amount of Gross Transmission Plant In-Service included on Attachment O-Pioneer, 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-Pioneer, Page 3, Lines 10 & 11, Column 5 by the amount of Gross Transmission Plant In-Service included on Attachment O-Pioneer, 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-Pioneer, Page 3, Line 20, Column 5 by the amount of Gross Transmission Plant In-Service included on Attachment O-

Pioneer, 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-Pioneer, Page 3, Line 27, Column 5 by the amount included for the Net Transmission Plant In-Service Attachment MM-Pioneer, 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-Pioneer, Page 3, Line 28, Column 5 by the amount of Net Transmission Plant In-Service included on Attachment MM-Pioneer, 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-Pioneer shall be the sum of (a) Annual Expense Charge, (b) Annual Return Charge, (c) Project Depreciation Expense, (d) Annual Incentive Charge for New Transmission, 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 sum of 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-Pioneer, Page 3, Line 12, Column 5;
- 4) Annual Incentive Charge for New Transmission equals the Project's Net Plant multiplied by the Factor for Incentive Adder for New Transmission. The Factor for Incentive Adder for New Transmission is derived by multiplying (a) the incentive adder for new transmission investment granted by FERC (which is inclusive of the ROE incentives that cannot exceed the upper end of the zone of reasonableness established by the Commission for MISO transmission owners), (b) the equity capital ratio from Attachment O-Pioneer, Page 4, Line 29, (c) the equity conversion ratio from Attachment O-Pioneer, Page 3, Line 23, Column 3, and (d) the rate base to net plant ratio, which is derived by dividing Attachment O-Pioneer, Page 2, Line 30, Column 5 by Attachment O-Pioneer, Page 2, Line 18, Column 5;

- 5) True-Up Adjustment equals any applicable Attachment MM-Pioneer true-up amount calculated under Section 4 of this Attachment MM-Pioneer; 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-Pioneer as identified in (iv), (v) and (vi) above and Net Plant values from Attachment MM-Pioneer 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-Pioneer template attached, to be identified as Line 1a, 1b, etc. Pioneer shall add additional sub-rows to Line 1 as needed to accommodate additional Projects.

4. Calculation of True-Up Adjustment:

Pioneer 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-Pioneer. As the MUR is a single, MISO system-wide rate, please refer to Section 5 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-Pioneer shall limit the right of Pioneer 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-Pioneer, 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-Pioneer.

MISO
FERC Electric Tariff
ATTACHMENTS

ATTACHMENT MM GRIDLIANCE
GridLiance Rate Formula Template
33.0.0

Attachment MM-GLH
Utilizing Attachment O-GLH
Data
GridLiance Heartland LLC

Attachment MM-GLH

For the 12 months ended 12/31/____

Page 1 of 3

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

	(1)	(2)	(3)	(4)
	Attachment O	Transmission	Allocator	
Line No.	Page, Line, Col.			
1	Gross Transmission Plant - Total	Attach O, p 2, line 2 col 5 (Note A)	-	
1a	Transmission Accumulated Depreciation	Attach O, p 2, line 8 col 5	-	
1b	CWIP, Regulatory Asset, Abandoned Plant	Attach O, p 2, lines 18a, 23a, & 23b col 5 (Note B)	-	
2	Net Transmission Plant - Total	Line 1 minus Line 1a plus Line 1b	-	
	O&M TRANSMISSION EXPENSE			
3	Total O&M Allocated to Transmission	Attach O, p 3, line 8 col 5	-	
3a	Transmission O&M	Attach O, p 3, line 1 col 5	-	
3b	Less: Ancillary Service Expenses included in above	Attach O, p 3, line 1a col 5	-	
3c	Less: Account 565 included in above, if any	Attach O, p 3, line 2 col 5, if any	-	
3d	Less: Account 566 Amort of Reg Asset included in 3a, if any	Attach O, p 3, line 7b col 5, if any	-	
3e	Adjusted Transmission O&M	Line 3a minus Lines 3b thru 3d	-	
4	Annual Allocation Factor for Transmission O&M	(Line 3e divided by line 1, col 3)	-	-

Effective On: March 1, 2020

MISO
FERC Electric Tariff
ATTACHMENTS

ATTACHMENT MM GRIDLIANCE
GridLiance Rate Formula Template
33.0.0

OTHER O&M EXPENSE				
4a	Other O&M Allocated to Transmission	Line 3 minus Line 3e	-	
4b	Annual Allocation Factor for Other O&M	Line 4a divided by Line 1, col 3	-	-
GENERAL, INTANGIBLE AND COMMON (G, I &C) DEPRECIATION EXPENSE				
5	Total G, I&C Depreciation Expense	Attach O, p 3, lines 10 & 11, col 5 (Note G)	-	
6	Annual Allocation Factor for G, I &C Depreciation Expense	(line 5 divided by line 1 col 3)	-	-
TAXES OTHER THAN INCOME TAXES				
7	Total Other Taxes	Attach O, p 3, line 20 col 5	-	
8	Annual Allocation Factor for Other Taxes	(line 7 divided by line 1 col 3)	-	-
9	Annual Allocation Factor for Other Expense	Sum of line 4b, 6, and 8	-	-
INCOME TAXES				
10	Total Income Taxes	Attach O, p 3, line 27 col 5	-	
11	Annual Allocation Factor for Income Taxes	(line 10 divided by line 2 col 3)	-	-
RETURN				
12	Return on Rate Base	Attach O, p 3, line 28 col 5	-	
13	Annual Allocation Factor for Return on Rate Base	(line 12 divided by line 2 col 3)	-	-
14	Annual Allocation Factor for Return	Sum of line 11 and 13 col 4		-

Effective On: March 1, 2020

Attachment MM-GLH
Utilizing Attachment O-GLH
Data
GridLiance Heartland LLC

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)		
Line No.	Project Name	MTEP # or Other Designation	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	
15	(Note C)			Page 1, line 4, Col. (4)		Col. (3) * Col. (5)	Page 1, line 9, Col. (4)		Col. (3) * Col. (7)	Col. (6) + Col. (8)	(Note D)
15a	-	-	-	-	-	-	-	-	-	-	
15b	-	-	-	-	-	-	-	-	-	-	
15c	-	-	-	-	-	-	-	-	-	-	
15d	-	-	-	-	-	-	-	-	-	-	
15e	-	-	-	-	-	-	-	-	-	-	
15f	-	-	-	-	-	-	-	-	-	-	

MISO
FERC Electric Tariff
ATTACHMENTS

ATTACHMENT MM GRIDLIANCE
GridLiance Rate Formula Template
33.0.0

15g	-	-	-	-	-	-	-	-	-	-
15h	-	-	-	-	-	-	-	-	-	-
15i	-	-	-	-	-	-	-	-	-	-
15j	-	-	-	-	-	-	-	-	-	-
15k	-	-	-	-	-	-	-	-	-	-
15l	-	-	-	-	-	-	-	-	-	-
15m	-	-	-	-	-	-	-	-	-	-
15n	-	-	-	-	-	-	-	-	-	-
15o	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
16	Annual Total	-	-	-	-	-	-	-	-	-
17	Rev. Req. Adj For Attachment O - GLH									

Note Letter	
A	Gross Transmission Plant that is included on page 2 line 2 of Attachment O-GLH (see line 1 col (3)).
B	Inclusive of any CWIP, unamortized abandoned plant and unamortized project-related regulatory asset included in rate base when authorized by FERC order. Excludes start-up regulatory asset (see line 1b, col. (3)).
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. This value includes subsequent capital investments required to maintain the facilities to their original capabilities. Gross plant does not include any CWIP, unamortized abandoned plant or any regulatory asset (see line 15, col. (3)).
D	Project Net Plant is the Project Gross Plant Identified in Column 3 less the associated Accumulated Depreciation in col (4). Net Plant includes any CWIP in rate base, any project related regulatory asset and any Unamortized Abandoned Plant approved by the Commission (see line 15, col. (10)). Net plant does not include start-up regulatory asset.
E	Project Depreciation Expense is the actual value booked in Attachment O-GLH, Page 3, line 9 that is associated with the specified project. Project Depreciation Expense includes the amortization of Abandoned Plant. However, if FERC grants accelerated depreciation for a project the depreciation rate authorized by FERC will be used instead of the rates shown on Attachment 6 for all other projects. Line 15, Col. (13). Includes project related regulatory assets.
F	Project True-Up Adjustment is calculated on the Attachment MM - GLH True-Up Template (see col. K).
G	The Total General and Common Depreciation Expense excludes any depreciation expense directly associated with a project and thereby included in Line 15, col. 13.
H	A Competitive Bid Concession reflects any commitment by GLH to MISO to charge less than GLH's Ceiling Rate, regardless of how that Competitive Bid Concession is calculated. For each project, the amount of the Competitive Bid Concession will be zero or a reduction to the annual transmission revenue requirement in one or more years. GLH will include, as part of its Annual Update, (i) an explanation of the basis for any Competitive Bid Concession, (ii) a calculation of the Competitive Bid Concession, and (iii) any documentation needed to support the calculation of the Competitive Bid Concession. The amount in Column 17 above equals the amount by which the annual revenue requirement is reduced from the ceiling rate (see line 15 col. (17)).
I	Requires approval by FERC of incentive return applicable to the specified project(s) (see line 15, col. (15)).

Attachment MM-GLH
For the 12 months ended 12/31/____
Page 3 of 3

(11)	(12)	(13)	(14)	(15)	(16)	(16a)	(17)	(18)	(19)	(20)
Annual Allocation Factor for Return	Annual Return Charge	Project Depreciation / Amortization Expense	Annual Revenue Requirement	Incentive Return in basis Points	Incentive Return	Ceiling Rate	Competitive Bid Consession	Total Annual Revenue Requirement	True-Up Adjustment	Net Revenue Requirement
Page 1, line 14, Col. (4)	Col. (10) * Col. (11)	(Note E)	Sum Col. (9), (12) & (13)	Per FERC order (Note I)	Attach O, Attach 2, Line 28 * (Col. 15/100)* Col. (10)	Sum Col. (14) & (16)	(Note H) Enter Negative	Sum Col. (16a) & (17)	(Note F)	Sum Col. (18) & (19)
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-

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GridLiance Heartland LLC

Attachment MM–GLH

MULTI-VALUE PROJECT CHARGE (“MVP” CHARGE”)

1. Multi-Value Projects

This Attachment MM-GridLiance Heartland LLC (“Attachment MM-GLH”) 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-GLH applies to those MVPs that are determined under Attachment FF to be subject to this Attachment MM-GLH that are not subject to the cost recovery provisions of Attachment N. The charges under this Attachment MM-GLH 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-GLH, GridLiance Heartland shall furnish to the Transmission Provider its annual revenue requirement for each MVP subject to this Attachment MM-GLH as calculated in Section 3 below.
- (c) For purposes of preparing the Attachment MM-GLH, GridLiance Heartland must utilize the same test period that is utilized in the preparation of its Attachment O-GLH.

- (d) Projects included in Attachment MM-GLH must be in-service prior to or during the test period indicated in (c) above. If GridLiance Heartland 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-GLH provided GridLiance Heartland supplies the Transmission Provider with evidence of FERC approval.
- (e) In order to prevent over recovery of Attachment O-GLH revenue, the revenue requirement calculated pursuant to Attachment MM-GLH (Attachment MM-GLH template, Page 3, Line 17, Column 14) will be subtracted by GridLiance Heartland from its Attachment O-GLH revenue requirement.
- (f) GridLiance Heartland, which utilizes a projected test period for its Attachment O-GLH, shall determine its projected MVP Revenue Requirement for the following year concurrently with the preparation of its associated Attachment O-GLH.
- (g) GridLiance Heartland 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-GLH.
- (h) A Project’s True-Up Adjustment will be added to its individual projected Attachment MM-GLH revenue requirement for GridLiance Heartland. The Attachment MM-GLH True-Up Adjustment will be calculated as specified in the GridLiance Heartland Attachment MM-GLH Annual True-Up Procedure.

3 Calculation of the MVP Annual Revenue Requirement

(a) The MVP Annual Revenue Requirement for GridLiance Heartland 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-GLH which utilizes select entries from the currently effective Attachment O-GLH:
 - 1) Transmission Operation and Maintenance Expense
 - 2) Other Operation and Maintenance Expense
 - 3) General, Intangible, 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-GLH.
- iii. The Annual Allocation Factor for Transmission Operation and Maintenance shall be determined by dividing the difference of (the amount included on Attachment O-GLH, Page 3, Line 1, Column 5 less Attachment O-GLH Page 3, Lines 1a, 2, and 7b, Column 5) by the amount of Gross Transmission Plant In-Service included on Attachment O-GLH, Page 2, Line 2, Column 5. The Gross Transmission Plant In-Service shall not include any CWIP included in Rate Base,

Unamortized Regulatory Assets, or Unamortized Abandoned Plant (Attachment O-GLH, Page 2, Lines 18a, 23a, and 23b, Column 5).

- iv. The Annual Allocation Factor for Other Operation and Maintenance shall be determined by dividing the difference of (amount included on Attachment O-GLH, Page 3, Line 8, Column 5 less the adjusted Operation and Maintenance amount calculated in Subsection (iii) above) by Gross Transmission Plant In-Service included on Attachment O-GLH, Page 2, Line 2, Column 5. The Gross Transmission Plant In-Service shall not include any CWIP included in Rate Base, Unamortized Regulatory Assets, or Unamortized Abandoned Plant (Attachment O-GLH, Page 2, Lines 18a, 23a, and 23b, Column 5).
- v. The Annual Allocation Factor for General, Intangible and Common Depreciation Expense shall be determined by dividing the amount included on Attachment O-GLH, Page 3, Lines 10 & 11, Column 5 by the amount of Gross Transmission Plant In-Service included on Attachment O-GLH, Page 2, Line 2, Column 5. The Gross Transmission Plant In-Service shall not include any CWIP included in Rate Base, Unamortized Regulatory Assets, or Unamortized Abandoned Plant (Attachment O-GLH, Page 2, Lines 18a, 23a, and 23b, Column 5).
- vi. The Annual Allocation Factor for Other Taxes shall be determined by dividing the amount included on Attachment O-GLH, Page 3, Line 20, Column 5 by the amount of Gross Transmission Plant In-Service included on Attachment O-GLH, Page 2, Line 2, Column 5. The Gross Transmission Plant In-Service shall not include any CWIP included in Rate Base, Unamortized Regulatory Assets, or

Unamortized Abandoned Plant (Attachment O-GLH, Page 2, Lines 18a, 23a, and 23b, Column 5).

- 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 Taxes shall be determined by dividing the amount included on Attachment O-GLH, Page 3, Line 27, Column 5 by the amount of Net Transmission Plant In-Service included on Attachment O-GLH, Page 2, Line 14, Column 5. The Net Transmission Plant In-Service shall include any CWIP included in Rate Base, Unamortized Project-Related Regulatory Asset, and Unamortized Abandoned Plant (Attachment O-GLH, Page 2, Lines 18a, 23a and 23b, Column 5), but shall not include any Unamortized Start-Up Regulatory Asset (Attachment MM-GLH, Note B).
- ix. The Allocation Factor for Return on Rate Base shall be determined by dividing the amount included on Attachment O-GLH, Page 3, Line 28, Column 5 by the amount of Net Transmission Plant In-Service included on Attachment O-GLH, Page 2, Line 14 Column 5. The Net Transmission Plant In-Service shall include any CWIP included in Rate Base, Unamortized Project-Related Regulatory Asset, and Unamortized Abandoned Plant (Attachment O-GLH, Page 2, Lines 18a, 23a and 23b, Column 5), but shall not include any Unamortized Start-Up Regulatory Asset (Attachment MM-GLH, Note B).
- 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-GLH shall be the sum of the project's (1) Annual Allocation for Transmission O&M Expenses, (2) Annual Allocation for Other Expenses, (3) Annual Return Charge, (4) Project Depreciation/Amortization Expense, (5) Incentive Return, if any, (6) Competitive Bid Concession, and (7) any applicable True-Up Adjustment, where:
- (1) Annual Allocation for Transmission O&M Expenses equals the Project Gross Plant multiplied by the Annual Allocation Factor for Transmission O&M calculated in (iii) above;
 - (2) Annual Allocation for Other Expenses equals the Project Gross Plant multiplied by the Annual Allocation Factor for Other Expense calculated in (vii) above;
 - (3) Annual Return Charge equals the Project Net Plant multiplied by the Annual Allocation Factor for Return calculated in (x) above; Project Net Plant shall include any CWIP included in Rate Base, Unamortized Project-Related Regulatory Asset, and Unamortized Abandoned Plant, but shall not include any Unamortized Start-Up Regulatory Asset;
 - (4) Project Depreciation/Amortization expense equals the actual value booked, or projected to be booked for forward-looking rate periods, for the Project and included in the Attachment O-GLH, Page 3, Line 9, Column 5;

- (5) Incentive Return equals the Project’s Commission-approved Incentive Return in Basis Points multiplied by Attachment 2 to Attachment O-GLH, line 28 divided by 100, multiplied by Project Net Plant;
 - (6) Competitive Bid Concession, if any, for each project will be zero or a reduction to GridLiance Heartland revenue requirement under a commitment by GridLiance Heartland to MISO to charge less than GridLiance Heartland’s ceiling rate;
 - (7) Project True-Up Adjustment equals any applicable Attachment MM-GLH true-up amount calculated under Attachment MM-GLH Annual True-Up Procedure; and
 - (8) The Project Gross Plant value shall be the respective balances for the facilities comprising the project as incorporated in the Gross Plant values from Attachment O-GLH as identified in (iv), (v), and (vi) above. The balance 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 15 on Pages 2 and 3 of the Attachment MM-GLH template attached, to be identified as Line 15a, 15b, etc. GridLiance Heartland shall add additional sub-rows to Line 15 as needed to accommodate additional Projects. Unamortized Abandoned Plant and CWIP will be identified in separate sub rows and the Annual Allocation Factor for Transmission O&M Expense shall be zero.

4. 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-GLH. As the MUR is a single, MISO system-wide rate, please refer to Section 5 of the *pro forma* Attachment MM for a complete description and application of the development of the MUR.

5. Unilateral Filing Rights

Nothing contained in this Attachment MM-GLH shall limit the right of GridLiance Heartland 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-GLH, 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-GLH.

6. Competitive Bid Concessions

For transmission development projects assigned to GridLiance Heartland as a result of the MISO competitive bidding process, GridLiance Heartland may, in its sole discretion, agree with MISO to apply a Competitive Bid Concession that will result in a lower net revenue requirement on a project-specific basis than that which would otherwise be produced by the Attachment MM-GLH. For example, GridLiance Heartland may agree with MISO to utilize a hypothetical capital structure of less than 60% equity for a

particular project. Any Competitive Bid Concession will appear as a zero or negative input to the formula in Column 17 of page 3 of Attachment MM-GLH, and will be determined on a project-specific basis using a workpaper that will be provided to Interested Parties as supporting documentation for each GridLiance Heartland Annual Update.

GridLiance Heartland LLC

Attachment MM – GLH

ANNUAL TRUE-UP PROCEDURE

1. Applicability

This Attachment MM-GLH Annual True-up Procedure shall be applicable to GridLiance Heartland LLC (“GridLiance Heartland”) 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

GridLiance Heartland shall determine its annual revenue requirement for the purposes of Section 2(b) of Attachment MM-GLH using the same projected information that is used to calculate its Attachment O-GLH revenue requirement for the period beginning January 1 of each year (“Projected Year”). GridLiance Heartland shall recalculate its revenue requirement for each project entitled to treatment under Attachment MM-GLH in conjunction with its annual recalculation of its Attachment O-GLH revenue requirement. GridLiance Heartland shall make available to any interested party its projected revenue requirement for Attachment MM-GLH, including all inputs in sufficient detail to identify the components of GridLiance Heartland’s revenue requirement for Attachment MM-GLH 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-GLH (“True-Up Adjustment”) 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-GLH revenue requirement with actual data, completed pursuant to the Attachment O-GLH, the actual revenue requirement for Attachment MM-GLH (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 GridLiance Heartland 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-GLH 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 GridLiance Heartland's page of the Transmission Provider's OASIS website no later than June 1 of the Succeeding Year. Such True-Up Adjustment 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-GLH. GridLiance Heartland shall provide explanations of the True-Up Adjustment and the corresponding interest calculations in response to inquiries and shall post on the OASIS website information regarding frequently asked questions.

- (2) Interest on any aggregate over or under 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 GridLiance Heartland's Attachment O-GLH true-up calculation. The resulting interest component of the True-Up Adjustment will be included in the Attachment MM-GLH revenue requirement for the True Up Year.
- (3) The revenue requirement for Attachment MM-GLH for the True Up Year shall be the sum of the Attachment MM-GLH revenue requirement for the True Up Year, plus or minus the True-Up Adjustment from the Projected Year, if any, including the average interest for two years, as explained above.

3. Example

Assumptions

GridLiance Heartland's projected 2016 revenue requirement for an Attachment MM project is \$2,000,000. GridLiance Heartland's actual 2016 revenue requirement for the Attachment MM project calculated based on financial data available in May 2017 is \$1,950,000. Actual 2016 Schedule 26-A revenues distributed to GridLiance Heartland 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 2018 revenue requirement for Attachment MM-GLH and estimated rates that shall be made available to any interested party in conjunction with GridLiance Heartland's posting of its 2018 projected Attachment O-GLH revenue requirement. The new rates will take effect on January 1, 2018.

Annual Attachment MM - GLH True-Up Calculation

1	Year	
2		
3	A	B
4	MTEP Project Number	Project name
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29	MVP Total Annual Revenue Requirements	

Annual Interest Rate (Attachment O-GLH, Attachment 3, line 13, Col (d))
Interest Income (Expense) (line 29, Col (j))

Effective On: March 1, 2020

Notes:

- 1) From the projected Attachment MM-GLH (page 3, line 15, column 20) calculated in conjunction with the projected Attachment O-GLH used for setting billing rates.
- 2) From the actual Attachment MM-GLH (page 3, line 15, column 20) calculated in conjunction with the actual Attachment O-GLH.
- 3) The "revenue received" is the total amount of Schedule 26-A revenue distributed to GLH in the Projected Year.
- 4) Interest calculated in accordance with the Attachment O-GLH True-Up Interest calculation methodology based on the Aggregate Attachment MM-GLH True-Up.
- 5) Reserved
- 6) For each project, the utility will populate the formula rate with the inputs from the year being trued up. The projected revenue requirements associated with the projects will then be entered in Col (C). Col (D) computes the relative percentage of the total in Col (C). Col (E) contains the revenues associated with Schedule 26-A paid by MISO to the utility distributed to the project using the percentages in Col (D). Col (F) computes the relative percentage of the total in Col (E). Col (G) is the actual revenue requirement calculated based on actual financial data. Col (H) is equal to Col (G) minus Col (E). Col. (J) calculates the interest on Col (H) and Col (I) using the interest rate calculated on Attachment 3, line 13, col (d). Col. (K) is the sum of the Col. (H) + (I) + (J).

MISO
FERC Electric Tariff
ATTACHMENTS

ATTACHMENT MM - OTP
OTP Rate Formula Template
33.0.0

Formula Rate Calculation

Rate Formula Template
Utilizing Attachment O Data
Otter Tail Power Company

Attachment MM – OTP
For the 12 months ended 12/31/___

Page 1 of 2

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

		(1)	(2)	(3)	(4)
			Attachment O		
Line			Page, Line, Col.	Transmission	Allocator
No.					
1	Gross Transmission Plant - Total		Attach O, p 2, lines 2 & 3a col 5 less Note N (Note A)	-	
1a	Transmission Accumulated Depreciation		Attach O, p 2, lines 8 & 9a col 5 less Note N (Note J)	-	
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, p 3, line 8 col 5	-	
3a	Transmission O&M		Attach O, p 3, lines 1 & 5b col 5	-	
3b	Less: LSE Expenses included in above if any		Attach O, p 3, line 1a col 5, if any	-	
3c	Less: Account 565 included in above, if any		Attach O, p 3, line 2 col 5, if any	-	
3d	Adjusted Transmission O&M		Line 3a minus Line 3b minus Line 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 Line 3d	-	
4b	Annual Allocation Factor for Other O&M		Line 4a divided by Line 1, col 3	0.00%	0.00%

Effective On: January 1, 2025

MISO
FERC Electric Tariff
ATTACHMENTS

ATTACHMENT MM - OTP
OTP Rate Formula Template
33.0.0

GENERAL AND COMMON (G&C) DEPRECIATION EXPENSE				
5	Total G&C Depreciation Expense	Attach O, p 3, lines 10 & 11, col 5 plus Note N (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, 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, 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, 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%

Effective On: January 1, 2025

MISO
FERC Electric Tariff
ATTACHMENTS

ATTACHMENT MM - OTP
OTP Rate Formula Template
33.0.0

Formula Rate Calculation

Rate Formula Template
Utilizing Attachment O Data
Otter Tail Power Company

Attachment MM – OTP
For the 12 months ended 12/31/____

Page 2 of 2

Multi-Value Project (MVP) Revenue Requirement Calculation

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(15a)	(16)
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	Annual Return Charge	Project Depreciation Expense	Annual Revenue Requirement	True-Up Adjustment	Miscellaneous Revenue Credits	MVP Annual Adjusted Revenue Requirement
			(Note C)	(Note K)	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)	(Note L)	Sum Col. 14, 15a & 15 (Note G)
	Multi-Value Projects (MVP)																
1a	Project 1	P1	\$ -	\$ -	0.00%	\$ -	0.00%	\$0.00	\$0.00	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1b	Project 2	P2	\$ -	\$ -	0.00%	\$ -	0.00%	\$0.00	\$0.00	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1c	Project 3	P3	\$ -	\$ -	0.00%	\$ -	0.00%	\$0.00	\$0.00	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	MVP Total Annual Revenue Requirements		\$0	\$0										\$0	\$0	\$0	\$0
3	Rev. Req. Adj For Attachment O													\$0			

Effective On: January 1, 2025

4	MISO Midwest MVP Cost Allocation Subregion Total MVP Annual Revenue Requirement (Note M)	\$0	\$0	\$0
5	MISO South MVP Cost Allocation Subregion Total MVP Annual Revenue Requirement (Note M)	\$0	\$0	\$0
6	MISO System-Wide Total MVP Annual Revenue Requirement (Note M)	\$0	\$0	\$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 associated with gross plant and CWIP, if applicable. Also includes Gross Energy Storage Plant identified as a transmission asset on page 2 line 3a of Attachment O less gross plant adjustment on Note N, line 1. 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 and Energy Storage Plant is that identified on page 2 lines 14 and 15a 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, but does not exclude project-specific amounts in Accounts 351.1, 351.2, or 351.3 (if applicable), 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, less any prefunded AFUDC amortization, if applicable, related to the project.
- 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. Also includes depreciation and amortization adjustment on Note N, line 4.
- I Note deliberately left blank.
- J Transmission Accumulated Depreciation that is identified on page 2 line 8 of Attachment O less any amortized prefunded AFUDC balance, if applicable. Includes Energy Storage Accumulated Depreciation identified as a transmission asset on page 2 line 9a of Attachment O less accumulated depreciation adjustment on Note N, line 2.
- K Project Accumulated Depreciation for the project is calculated in the same method as the Transmission Accumulated Depreciation value in line 1a.
- L Miscellaneous Revenue Credits including, but not limited to, revenue credits related to the OTP CASOT Remedial Action Scheme ("RAS") Schedule, accepted by FERC on August 27, 2020 in Docket ER20-2378 which became effective on September 8, 2020. OTP commits to providing a supporting workpaper. (enter as negative). Column 15a will not be used absent a Section 205 filing.
- M Line 4 is only applicable to the MISO Midwest MVP Cost Allocation Subregion projects or MVPs approved prior to May 19, 2022 and located in the MISO Midwest MVP Cost Allocation Subregion. Line 5 is only applicable to the MISO South MVP Cost Allocation Subregion projects. Line 6 is only

applicable to the MISO system-wide footprint projects approved as part of a Portfolio with benefits spread broadly across the MISO system-wide footprint that terminates in either the MISO Midwest MVP Cost Allocation Subregion or the MISO South MVP Cost Allocation Subregion as identified in Attachment XX.

N Gross plant, accumulated depreciation and general and common depreciation expense adjustments related to Accounts 351.1, 351.2 and 351.3.

	Company Total	TP	Transmission
1. Gross plant in Accounts 351.1, 351.2 and 351.3 (included in Attachment O, p 2, line 2).	\$-	0.00000	\$- - Exclude from page 1, line 1
2. Accumulated depreciation related to Accounts 351.1, 351.2 and 351.3. (included in Attachment O, p 2, line 8).	\$-	0.00000	\$- - Exclude from page 1, line 1a
3. Net plant for Accounts 351.1, 351.2 and 351.3.	\$-		\$-
4. Depreciation & amortization related to Accounts 351.1, 351.2 and 351.3. (included in Attachment O, p 3, line 9).	\$-	0.00000	\$- - Include with page 1, line 5

ATTACHMENT MM-OTP

MULTI-VALUE PROJECT CHARGE (“MVP Charge”)

1 Multi-Value Projects:

This Attachment MM-OTP sets forth the method for calculating and 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-OTP applies to MVPs in the MISO Midwest MVP Cost Allocation Subregion, the MISO South MVP Cost Allocation Subregion, or the MISO system-wide footprint that are determined under Attachment FF and Attachment XX to be subject to this Attachment MM-OTP that are not subject to the cost recovery provisions of Attachment N. The charges under this Attachment MM-OTP shall be in addition to any charges under Schedules 7, 8, 9, 26, 26-B, 26-C, 26-E, 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, or that will be Competitive Transmission Projects, 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-OTP, OTP shall furnish to the Transmission Provider its annual revenue requirement for each MVP subject to this Attachment MM-OTP as calculated in Section 3 below.

- (c) For purposes of preparing the Attachment MM-OTP, OTP must utilize the same test period that is utilized in the preparation of its Attachment O-OTP.
- (d) Projects included in Attachment MM-OTP must be in-service prior to or during the test period indicated in (c) above. If OTP received 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-OTP provided OTP supplies the Transmission Provider with evidence of FERC approval.
- (e) In order to prevent over recovery of Attachment O-OTP revenue, the revenue requirement(s) calculated pursuant to Attachment MM-OTP (excluding any True-Up Adjustment(s) and Miscellaneous Revenue Credits) will be subtracted by OTP from its Attachment O-OTP revenue requirement.
- (f) OTP shall determine its projected MVP Revenue Requirement(s) for the following year concurrently with the preparation of its associated Attachment O-OTP.
- (g) OTP shall make available to any interested party by publicly posting on OASIS its projected MVP Revenue Requirement(s), including all inputs in sufficient detail to identify the components of its MVP Revenue Requirement(s) for Attachment MM-OTP, including any amounts representing a True-Up Adjustment(s) and Miscellaneous Revenue Credits, concurrently when it publicly posts on OASIS its projected revenue requirement for Attachment O-OTP.
- (h) A Project's True-Up Adjustment and Miscellaneous Revenue Credits will be added to its individual projected Attachment MM-OTP revenue requirement. The Attachment

MM True-Up Adjustment – Aggregate - OTP and Miscellaneous Revenue Credits will be calculated as specified in Sections 4 and 5, respectively, of this Attachment MM-OTP.

3 Calculation of the MVP Annual Revenue Requirement:

The MVP Annual Revenue Requirement for OTP 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-OTP which utilizes select entries from the currently effective Attachment O-OTP:
 - 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-OTP 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-OTP, Page 3, Line 1, Column 5 minus Attachment O-OTP, Page 3, Line 1a, Column 5, if any, minus Attachment O-OTP, Page 3, Line 2, Column 5, if any, by the amount of

Transmission Accumulated Depreciation included on Attachment O-OTP, Page 2, Line 8, Column 5 less any amortized prefunded AFUDC balance, if applicable.

- iv. The Annual Allocation Factor for Other Operation and Maintenance shall be determined by dividing the sum of the amount included on Attachment O-OTP, Page 3, Line 8, Column 5 minus the Adjusted Transmission O&M amount calculated in (iii) above and reflected on Attachment MM-OTP, Page 1, Line 3d by the amount of Gross Transmission Plant In-Service included on Attachment O-OTP, 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-OTP, Page 3, Lines 10 & 11, Column 5 by the amount of Gross Transmission Plant In-Service included on Attachment O-OTP, 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-OTP, Page 3, Line 20, Column 5 by the amount of Gross Transmission Plant In-Service included on Attachment O-OTP, 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-OTP, Page 3, Line 27, Column 5 by the amount included for the Net Transmission Plant In-Service Attachment MM-OTP, 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-OTP, Page 3, Line 28, Column 5 by the amount of Net Transmission Plant In-Service included on Attachment MM-OTP, 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-OTP shall be the sum of (a) Annual Expense Charge, (b) Annual Return Charge, (c) Project Depreciation Expense, (d) any applicable True-Up Adjustment, and (e) any applicable Miscellaneous Revenue Credits, 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-OTP, Page 3, Line 12, Column 5;
- 4) True-Up Adjustment equals any applicable Attachment MM-OTP true-up amount calculated under Section 4 of this Attachment MM-OTP; and
- 5) Miscellaneous Revenue Credits equals any applicable Miscellaneous Revenue Credits as calculated under Section 5 of this Attachment MM-OTP.
- 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-OTP as identified in (iv), (v) and (vi) above and Net Plant values from Attachment MM-OTP 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-OTP template attached, to be identified as Line 1a, 1b, etc. OTP shall add additional sub-rows to Line 1 as needed to accommodate additional Projects.

- xiii. Line 4 on Page 2 of the Attachment MM-OTP template shall be the sum of all projects identified in Lines 1 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO Midwest MVP Cost Allocation Subregion identified in Attachment XX or MVPs approved prior to May 19, 2022 and located in the MISO Midwest MVP Cost Allocation Subregion.
- xiv. Line 5 on Page 2 of the Attachment MM-OTP template shall be the sum of all projects identified in Lines 1 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO South MVP Cost Allocation Subregion identified in Attachment XX.
- xv. Line 6 on Page 2 of the Attachment MM-OTP template shall be the sum of all projects identified in Lines 1 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO system-wide footprint.

4 Calculation of Attachment MM True-Up Adjustment -Aggregate - OTP

OTP shall calculate its annual Attachment MM True-Up Adjustment(s) in accordance with the applicable Attachment MM True-Up Adjustment – Aggregate - OTP template(s).

- (a) The Attachment MM True-Up Adjustment – Aggregate - OTP template requires the determination of OTP’s revenue requirement under this Attachment MM-OTP on both a projected basis and an actual basis. OTP’s projected Attachment MM-OTP revenue requirement will be prepared in conformance with its projected Attachment O-OTP revenue requirements and OTP’s actual

Attachment MM-OTP revenue requirements will be prepared in conformance with its actual Attachment O-OTP revenue requirements. OTP 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 – Aggregate - OTP is calculated.

(b) Determination of True-Up Adjustment

As shown on the applicable Attachment MM True-Up Adjustment – Aggregate - OTP template, the True-Up Adjustment Principal (Column (h)) for OTP is the difference by Project between the actual Attachment MM-OTP revenue requirement (Column (g)) and the Actual Attachment MM-OTP Revenues (Column (f)) for OTP, both excluding any prior True-Up Adjustment and Miscellaneous Revenue Credits, as reported on Page 2 of 2, Columns 15 and 15a of Attachment MM-OTP. As shown on the applicable Attachment MM True-Up Adjustment – Aggregate - OTP template, the Actual Attachment MM-OTP Revenues, excluding prior year True-Up Adjustments and Miscellaneous Revenue Credits, are allocated to each Project based on the projected Attachment MM-OTP revenue requirement. The Actual Attachment MM-OTP Revenues include, but are not limited to, revenues from Schedule 26-A and Schedule 39, together with other schedules that recover the Attachment MM-OTP 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 -Aggregate - OTP shall be posted to the Transmission Provider's OASIS in the same manner as OTP's Attachment O-OTP True-Up Adjustment.

(c) Determination of Interest Rate

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

- (i) The provisions of this Section 4(c)(i) shall apply to OTP. As shown on the template entitled Attachment MM True-Up Adjustment – Aggregate – OTP, 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 OTP per the Attachment O-OTP True-Up Procedures.

5 Attachment MM-OTP Miscellaneous Revenue Credits

Miscellaneous Revenue Credits are revenues received outside of Attachment MM-OTP for facilities that are included for recovery under Attachment MM-OTP, including applicable interest. These Miscellaneous Revenue Credits are passed back to Attachment MM-OTP customers to eliminate any over recovery.

In order to prevent over recovery of Attachment MM-OTP revenue, Miscellaneous Revenue Credits shall be added to Attachment MM-OTP revenue requirements for applicable projects.

(a) On Attachment MM-OTP Miscellaneous Revenue Credits will be reported in column 15(a), as a negative amount, of Attachment MM-OTP for each applicable individual MVP project listed in Attachment MM-OTP, Page 2, Line 1. The credit will consist of non-Attachment MM-OTP revenues associated with Attachment MM-OTP projects listed on Page 2, Line 1 of Attachment MM-OTP, including applicable interest. Credits will not be added absent a Section 205 filing. An example of a Miscellaneous Revenue Credit would be, but is not limited to, revenues received from a customer outside of Attachment MM-OTP (non-Attachment MM-OTP revenues) for the use of available telecommunication fiber equipment included as part of an MVP project that is recovered under this Attachment MM-OTP. OTP will provide a supporting workpaper.

(b) Value of Miscellaneous Revenue Credit.

The value of the credit will be calculated as follows: revenues received from non-Attachment MM-OTP sources each year will be credited to the applicable individual Attachment MM-OTP projects, plus interest.

(c) Determination of Interest Rate

The interest rate for Miscellaneous Revenue Credits will be determined in the same manner as the interest calculations applicable to OTP per the Attachment O-OTP True-Up Procedures.

(d) A workpaper entitled Attachment MM-OTP Miscellaneous Revenue Credits will detail the Miscellaneous Revenue Credit and associated interest calculation.

(e) The Miscellaneous Revenue Credits 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-OTP Miscellaneous Revenue Credits are received.

6 The MVP Usage Rate (MUR):

The MUR is a rate applied to the MISO Midwest MVP Cost Allocation Subregion, the MISO South MVP Cost Allocation Subregion, or the MISO system-wide footprint pursuant to Attachment FF and Attachment XX, and charged via Schedule 26-A. The revenue requirements used to derive the MUR(s) are the revenue requirements of each Transmission Owner's *pro forma* Attachment MM or company-specific Attachment MM, including Attachment MM-OTP. Section 5 of the Transmission Provider's *pro forma* Attachment MM provides a complete description of the development and application of the MUR(s).

7 Nothing contained in this Attachment MM-OTP shall limit the right of OTP 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-OTP, 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-OTP.

Attachment MM True-Up Adjustment for MISO Midwest MVP Cost Allocation Subregion – Aggregate – OTP

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

Company Name: Otter Tail Power Company
True-Up Year:
Note:

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

- 1 Applicable amount for the MISO Midwest MVP Cost Allocation Subregion projects or MVPs approved prior to May 19, 2022, and located in the MISO Midwest MVP Cost Allocation Subregion and excludes True-Up Adjustment, as reported in True-Up Year projected Attachment MM, page 2, column 15. The amount also excludes Miscellaneous Revenue Credits as reported in True-Up Year projected Attachment MM, page 2, column 15 (a), including but not limited to revenue credits related to the OTP CASOT Remedial Action Scheme ("RAS") Schedule, accepted by FERC on August 27, 2020 in Docket ER20-2378 which became effective on September 8, 2020. Credits will not be used absent a Section 205 filing.
- 2 Rounded to whole dollars.

Attachment MM True-Up Adjustment for MISO South MVP Cost Allocation Subregion – Aggregate – OTP

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

Company Name: Otter Tail Power Company
True-Up Year:
Note:

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

- 1 Applicable amount for the MISO South MVP Cost Allocation Subregion projects and excludes True-Up Adjustment, as reported in True-Up Year projected Attachment MM, page 2, column 15. The amount also excludes Miscellaneous Revenue Credits as reported in True-Up Year projected Attachment MM, page 2, column 15 (a), including but not limited to revenue credits related to the OTP CASOT Remedial Action Scheme ("RAS") Schedule, accepted by FERC on August 27, 2020 in Docket ER20-2378 which became effective on September 8, 2020. Credits will not be used absent a Section 205 filing.
- 2 Rounded to whole dollars.

Attachment MM True-Up Adjustment for MISO System-Wide Region - Aggregate – OTP

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

Company Name: Otter Tail Power Company
True-Up Year:
Note:

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

- 1 Applicable amount for the MISO system-wide footprint projects and excludes True-Up Adjustment, as reported in True-Up Year projected Attachment MM, page 2, column 15. The amount also excludes Miscellaneous Revenue Credits as reported in True-Up Year projected Attachment MM, page 2, column 15 (a), including but not limited to revenue credits related to the OTP CASOT Remedial Action Scheme ("RAS") Schedule, accepted by FERC on August 27, 2020 in Docket ER20-2378 which became effective on September 8, 2020. Credits will not be used absent a Section 205 filing.
- 2 Rounded to whole dollars.

MISO
FERC Electric Tariff
ATTACHMENTS

ATTACHMENT MM - ALLETE
ALLETE Rate Formula Template (MVP Charge)
32.0.0

Formula Rate Calculation

Rate Formula Template
Utilizing Attachment O - ALLETE Data
Allete, Inc. dba Minnesota Power

Attachment MM – ALLETE
For the 12 months ended 12/31/ ____

Page 1 of 2

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

(1)	(2)	(3)	(4)	(5)	(6)	(7)
Line	Attachment O Page, Line, Col.	Transmission	AC System	AC System Allocator	DC System	DC System Allocator
No.						
1	Gross Transmission Plant - Total	Attach O, p 2, Sum lines 2, 3a, 18a, 23a, 23b, 23c col 5, 7, 9 less Note M (Note A)	0	0	0	
1a	Transmission Accumulated Depreciation	Attach O, p 2, lines 8 & 9a col 5, 7, 9 less Note M (Note J)	0	0	0	
2	Net Transmission Plant – Total	Line 1 minus Line 1a (Note B)	0	0	0	
	O&M TRANSMISSION EXPENSE					
3	Total O&M Allocated to Transmission	Attach O, p 3, line 8 col 5, 7, 9	0	0	0	
3a	Transmission O&M	Attach O, p 3, lines 1 & 5b col 5, 7, 9	0	0	0	
3b	Less: LSE Expenses included in above, if any	Attach O, p 3, line 1a col 5, 7, 9, if any	0	0	0	
3c	Less: Account 565 included in above, if any	Attach O, p 3, line 2 col 5, 7, 9, if any	0	0	0	
3d	Adjusted Transmission O&M	Line 3a minus Line 3b minus Line 3c	0	0	0	
4	Annual Allocation Factor for Transmission O&M	(For AC System line 3d col 4 divided by line 1a col 4 or For DC System line 3d col 6 divided by line 1a col 6)	0.00%		0.00%	0.00%
	OTHER O&M EXPENSE					
4a	Other O&M Allocated to Transmission	Line 3 minus Line 3d	0	0	0	
4b	Annual Allocation Factor for Other O&M	(For AC System Line 4a col 4 divided by Line 1 col 4 or For DC System line 4a col 6 divided by Line 1 col 6)	0.00%	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, 7, 9 plus Note M (Note H)	0	0	0	
6	Annual Allocation Factor for G&C Depreciation Expense	((For AC System line 5 col 4 divided by line 1 col 4 or For DC System line 5 col 6 divided by line 1 col 6)	0.00%	0.00%		0.00%
	TAXES OTHER THAN INCOME TAXES					
7	Total Other Taxes	Attach O, p 3, line 20 col 5, 7, 9	0	0	0	
8	Annual Allocation Factor for Other Taxes	(For AC System line 7 col 4 divided by line 1 col 4 or For DC System line 7 col 6 divided by line 1 col 6)	0.00%	0.00%		0.00%

Effective On: January 1, 2025

MISO
FERC Electric Tariff
ATTACHMENTS

ATTACHMENT MM - ALLETE
ALLETE Rate Formula Template (MVP Charge)
32.0.0

9	Annual Allocation Factor for Other Expense	(For AC System line 4b col 4 plus line 6 col 4 plus line 8 col 4 or For DC System line 4b col 6 plus line 6 col 6 plus line 8 col 6)	0.00%		0.00%	0.00%
INCOME TAXES						
10	Total Income Taxes	Attach O, p 3, line 27 col 5, 7, 9	0	0	0	
11	Annual Allocation Factor for Income Taxes	(For AC System line 10 col 4 divided by line 2 col 4 or For DC System line 10 col 6 divided by line 2 col 6)	0.00%	0.00%		0.00%
RETURN						
12	Return on Rate Base	Attach O, p 3, line 28 col 5, 7, 9	0	0	0	
13	Annual Allocation Factor for Return on Rate Base	(For AC System line 12 col 4 divided by line 2 col 4 or For DC System line 12 col 6 divided by line 2 col 6)	0.00%	0.00%		0.00%
14	Annual Allocation Factor for Return	(For AC System line 11 col 4 plus line 13 col 4 or For DC System line 11 col 6 plus line 13 col 6)			0.00%	0.00%

Effective On: January 1, 2025

MISO
FERC Electric Tariff
ATTACHMENTS

ATTACHMENT MM - ALLETE
ALLETE Rate Formula Template (MVP Charge)
32.0.0

Formula Rate Calculation

Rate Formula Template
Utilizing Attachment O - ALLETE Data
Allete, Inc dba Minnesota Power

Attachment MM – ALLETE
For the 12 months ended 12/31/___

Page 2 of 2

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	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	Annual Return Charge	Project Depreciation Expense	Annual Revenue Requirement	True-Up Adjustment	MVP Annual Adjusted Revenue Requirement
AC System			(Note C)	(Note K)	(Page 1 line 4 col 5)	(Col 4 * Col 5)	(Page 1 line 9 col 5)	(Col 3 * Col 7)	(Col 6 + Col 8)	(Col 3 - Col 4)	(Page 1 line 14 col 5)	(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	\$ -	\$ -	0.00%	\$ -	0.00%	\$0.00	\$0.00	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
1b	Project 2	P2	\$ -	\$ -	0.00%	\$ -	0.00%	\$0.00	\$0.00	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
1c	Project 3	P3	\$ -	\$ -	0.00%	\$ -	0.00%	\$0.00	\$0.00	\$ -	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -
2	MVP Total Annual AC System Revenue Requirements													\$0	\$0	\$0
3	Rev. Req. Adj For Attachment O													\$0		
4	MISO Midwest MVP Cost Allocation Subregion Total MVP Annual Revenue Requirement (Note L)											\$0	\$0	\$0		
5	MISO South MVP Cost Allocation Subregion Total MVP Annual Revenue Requirement (Note L)											\$0	\$0	\$0		
6	MISO System-Wide Total MVP Annual Revenue Requirement (Note L)											\$0	\$0	\$0		
DC System			(Note C)	(Note K)	(Page 1 line 4 col 7)	(Col 4 * Col 5)	(Page 1 line 9 col 7)	(Col 3 * Col 7)	(Col 6 + Col 8)	(Col 3 - Col 4)	(Page 1 line 14 col 7)	(Col 10 * Col 11)	(Note E)	(Sum Col. 9, 12 & 13)	(Note F)	Sum Col. 14 & 15 (Note G)
Multi-Value Projects (MVP)																

Effective On: January 1, 2025

MISO
FERC Electric Tariff
ATTACHMENTS

ATTACHMENT MM - ALLETE
ALLETE Rate Formula Template (MVP Charge)
32.0.0

7a	Project 1	P1	\$	\$	0.00%	\$	0.00%	\$0.00	\$0.00	\$	0.00%	\$	\$	-	\$	\$	-	\$
			-	-		-				-		-		-			-	
7b	Project 2	P2	\$	\$	0.00%	\$	0.00%	\$0.00	\$0.00	\$	0.00%	\$	\$	-	\$	\$	-	\$
			-	-		-				-		-		-			-	
7c	Project 3	P3	\$	\$	0.00%	\$	0.00%	\$0.00	\$0.00	\$	0.00%	\$	\$	-	\$	\$	-	\$
			-	-		-				-		-		-			-	
8	MVP Total Annual DC System Revenue Requirem ents																	
9	Rev. Req. Adj For Attachment O																	
10	MISO Midwest MVP Cost Allocation Subregion Total MVP Annual Revenue Requirement (Note L)																	
11	MISO South MVP Cost Allocation Subregion Total MVP Annual Revenue Requirement (Note L)																	
12	MISO System-Wide Total MVP Annual Revenue Requirement (Note L)																	

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ATTACHMENT MM - ALLETE
ALLETE Rate Formula Template (MVP Charge)
32.0.0

Note

Letter

- A Gross Transmission Plant is that identified on page 2 line 2 of Attachment O - ALLETE and is inclusive of any CWIP included in rate base when authorized by FERC order less any prefunded AFUDC associated with gross plant and CWIP, if applicable. Also includes Gross Energy Storage Plant identified as a transmission asset on page 2 line 3a of Attachment O less gross plant adjustment on Note M, line 1.
- B Net Transmission and Energy Storage Plant is that identified on page 2 lines 14 and 15a of Attachment O 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, but does not exclude project-specific amounts in Accounts 351.1, 351.2, or 351.3 (if applicable), and includes CWIP in rate base when authorized by FERC order less any prefunded AFUDC, if applicable. The prefunded AFUDC amount is a reduction to rate base. This line will also include any unamortization of abandoned plant cost that have been approved for recovery by FERC. No abandoned plant costs will be included until approved by FERC under a separate docket. 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 - ALLETE page 3 line 12, less any prefunded AFUDC amortization, if applicable, related to the project.
- 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. Also includes depreciation and amortization adjustment on Note M, line 4.
- I Note deliberately left blank.
- J Transmission Accumulated Depreciation that is identified on page 2 line 8 of Attachment O - ALLETE less any amortized prefunded AFUDC balance, if applicable. Includes Energy Storage Accumulated Depreciation identified as a transmission asset on page 2 line 9a of Attachment O less accumulated depreciation adjustment on Note M, line 2.
- K Project Accumulated Depreciation for the project is calculated in the same method as the Transmission Accumulated Depreciation value in line 1a.
- L Line 4 and line 10 are only applicable to the MISO Midwest MVP Cost Allocation Subregion projects or MVPs approved prior to May 19, 2022 and located in the MISO Midwest MVP Cost Allocation Subregion. Line 5 and line 11 are only applicable to the MISO South MVP Cost Allocation Subregion projects. Line 6 and line 12 are only applicable to the MISO system-wide footprint projects approved as part of a Portfolio with benefits spread broadly across the MISO system-wide footprint that terminates in either the MISO Midwest MVP Cost Allocation Subregion or the MISO South MVP Cost Allocation Subregion as identified in

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Attachment XX.

M Gross plant, accumulated depreciation and general and common depreciation expense adjustments related to Accounts 351.1, 351.2 and 351.3.

	Company Total	TP	Transmission	
1. Gross plant in Accounts 351.1, 351.2 and 351.3 (included in Attachment O, p 2, line 2).	\$-	0.00000	\$-	- Exclude from page 1, line 1
2. Accumulated depreciation related to Accounts 351.1, 351.2 and 351.3 (included in Attachment O, p 2, line 8).	\$-	0.00000	\$-	- Exclude from page 1, line 1a
3. Net plant for Accounts 351.1, 351.2 and 351.3.	\$-		\$-	
4. Depreciation & amortization related to Accounts 351.1, 351.2 and 351.3 (included in Attachment O, p 3, line 9).	\$-	0.00000	\$-	- Include with page 1, line 5

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ALLETE True-Up Adjustment
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Attachment MM-ALLETE True-Up Adjustment for MISO Midwest MVP Cost Allocation Subregion– Aggregate

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

Company Name: Allete Inc, dba Minnesota Power
True-Up Year:
Note:

ALLETE AC System

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
Line	Project	MTEP Project Number	Actual Attachment MM AC System Revenues	Projected	Actual	Actual	True-Up	Applicable	True-Up	Total True-Up Adjustment
				Annual	Attachment MM	Annual	Adjustment	Interest	Adjustment	
				Revenue	Allocated	Revenue	Principal	Rate on	Interest	
No.	Name			Requirement ¹	to Projects ¹	Requirement ¹	Under/(Over)	Under/(Over)	Under/(Over)	
				Projected	[Col. (d), line 1	Actual				
				Attachment MM	x (Col. (e), line 2x /	Attachment MM				Col. (h) x Col. (i)
				p 2 of 2, Col. 14, Line 4 ²	Col. (e), line 3)] ²	p 2 of 2, Col. 14, Line 4 ²	Col. (g) - Col. (f)	Line 5	x 24 months ²	Col. (h) + Col. (j)
1	Actual Attachment MM revenues for True-Up Year ¹		\$ -							
2a				-	-	-	-	0.00%	-	-
2b				-	-	-	-	0.00%	-	-
2c				-	-	-	-	0.00%	-	-
2d				-	-	-	-	0.00%	-	-
3	Subtotal			\$ -	\$ -	\$ -				

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ALLETE True-Up Adjustment
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4	Under/(Over) Recovery	\$	-	\$	-	\$	-
5	Applicable Interest rate per month (expressed to four decimal places)					0.00%	

¹ Applicable amount for the ALLETE AC System MISO Midwest MVP Cost Allocation Subregion projects or MVPs approved prior to May 19, 2022, and located in the MISO Midwest MVP Cost Allocation Subregion and excludes True-Up Adjustment, as reported in True-Up Year projected Attachment MM - ALLETE, page 2, column 15.

² Rounded to whole dollars.

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ATTACHMENT MM - ALLETE
ALLETE True-Up Adjustment
31.0.0

ALLETE DC System

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)
Line	Project	MTEP Project Number	Actual Attachment MM DC System Revenues	Actual						
				Projected	Attachment MM	Actual	True-Up	Applicable	True-Up	
				Annual	DC System Revenues	Annual	Adjustment	Interest	Adjustment	Total
No.	Name			Revenue	Allocated	Revenue	Principal	Rate on	Interest	True-Up
				Requirement ¹	to Projects ¹	Requirement ¹	Under/(Over)	Under/(Over)	Under/(Over)	Adjustment
				Projected	[Col. (d), line 1	Actual				
				Attachment MM	x (Col. (e), line 2x /	Attachment MM				
				p 2 of 2, Col. 14, Line 10 ²	Col. (e), line 3)] ²	p 2 of 2, Col. 14, Line 10 ²	Col. (g) - Col. (f)	Line 5	Col. (h) x Col. (i)	Col. (h) + Col. (j)
1	Actual Attachment MM-ALLETE revenues for True-Up Year ¹		\$ -							
2a				-	-	-	-	0.00%	-	-
2b				-	-	-	-	0.00%	-	-
2c				-	-	-	-	0.00%	-	-
2d				-	-	-	-	0.00%	-	-

3	Subtotal		\$ -	\$ -	\$ -					
4	Under/(Over) Recovery					\$ -		\$ -	\$ -	
5	Applicable Interest rate per month (expressed to four decimal places)							0.00%		

¹ Applicable amount for the ALLETE DC System MISO Midwest MVP Cost Allocation Subregion projects or MVPs approved prior to May 19, 2022, and located in the MISO Midwest MVP Cost Allocation Subregion and excludes True-Up Adjustment, as reported in True-Up Year projected Attachment MM, page 2, column 15

² Rounded to whole dollars

Effective On: May 10, 2024

ATTACHMENT MM - ALLETE

MULTI-VALUE PROJECT CHARGE (“MVP Charge”)

1 Multi-Value Projects:

This Attachment MM - ALLETE sets forth the method for calculating and collecting the charges associated with Multi-Value Projects (MVPs) and for both the ALLETE AC system and the ALLETE DC System and for distributing the revenues associated with such charges in accordance with Schedules 26-A and 39. This Attachment MM – ALLETE applies to MVPs in the MISO Midwest MVP Cost Allocation Subregion, the MISO South MVP Cost Allocation Subregion, or the MISO system-wide footprint that are determined under Attachment FF and Attachment XX to be subject to this Attachment MM – ALLETE that are not subject to the cost recovery provisions of Attachment N. The charges under this Attachment MM – ALLETE shall be in addition to any charges under Schedules 7, 8, 9, 26, 26-B, 26-C, 26-E, 37 and 38 for transmission service taken over the ALLETE AC System and/or the ALLETE DC System.

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, or that will be Competitive Transmission Projects, 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 - ALLETE, ALLETE, Inc., d/b/a Minnesota Power (“ALLETE”) shall furnish to the

Transmission Provider its annual revenue requirement for each MVP subject to this Attachment MM - ALLETE as calculated in Section 3 below.

- (c) For purposes of preparing the Attachment MM - ALLETE, ALLETE must utilize the same test period that is utilized in the preparation of its Attachment O - ALLETE.
- (d) Projects included in Attachment MM - ALLETE must be in-service prior to or during the test period indicated in (c) above. If ALLETE 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 - ALLETE provided ALLETE supplies the Transmission Provider with evidence of FERC approval.
- (e) In order to prevent over recovery of Attachment O - ALLETE revenue, the revenue requirement(s) calculated pursuant to Attachment MM - ALLETE (excluding any True-Up Adjustment(s)) will be subtracted by ALLETE from its Attachment O - ALLETE revenue requirement.
- (f) ALLETE shall determine its projected MVP Revenue Requirement(s) for the following year concurrently with the preparation of its associated Attachment O - ALLETE.
- (g) ALLETE shall make available to any interested party by publicly posting on OASIS its projected MVP Revenue Requirement(s), including all inputs in sufficient detail to identify the components of its MVP Revenue Requirement(s) for Attachment MM - ALLETE, including any amounts representing a True-Up Adjustment(s), concurrently

when it publicly posts on OASIS its projected revenue requirement for Attachment O - ALLETE.

(h) A Project's True-Up Adjustment will be added to its individual projected Attachment MM - ALLETE revenue requirement. The Attachment MM - ALLETE True-Up Adjustment(s) will be calculated as specified in Section 4 of this Attachment MM - ALLETE.

3 Calculation of the MVP Annual Revenue Requirement:

(a) The MVP Annual Revenue Requirement for ALLETE 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 - ALLETE which utilizes select entries from the currently effective Attachment O - ALLETE:

- 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 - ALLETE's columns 5, 7, and 9 to identify amounts for ALLETE's AC System, and the DC System, as applicable.

- iii. The Annual Allocation Factor for Transmission Operation and Maintenance for the ALLETE AC System shall be determined by dividing the sum of Attachment O - ALLETE, Page 3, Line 1, Column 7 minus Attachment O - ALLETE, Page 3, Line 1a, Column 7, if any, minus Attachment O - ALLETE, Page 3, Line 2, Column 7, if any, by the amount of Transmission Accumulated Depreciation included on Attachment O - ALLETE, Page 2, Line 8, Column 7 less any amortized prefunded AFUDC balance, if applicable. The Annual Allocation Factor for Transmission Operation and Maintenance for the ALLETE DC System shall be determined by dividing the sum of Attachment O - ALLETE, Page 3, Line 1, Column 9 minus Attachment O - ALLETE, Page 3, Line 1a, Column 9, if any, minus Attachment O - ALLETE, Page 3, Line 2, Column 9, if any, by the amount of Transmission Accumulated Depreciation included on Attachment O - ALLETE, Page 2, Line 8, Column 9 less any amortized prefunded AFUDC balance, if applicable.
- iv. The Annual Allocation Factor for Other Operation and Maintenance for the ALLETE AC System shall be determined by dividing the sum of the amount included on Attachment O - ALLETE, Page 3, Line 8, Column 7 minus the Adjusted Transmission O&M amount calculated in (iii) above and reflected on Attachment MM - ALLETE, Page 1, Line 3d, Column 4 by the amount of Gross Transmission Plant In-Service included on Attachment O - ALLETE, Page 2, Line 2, Column 7. 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. The Annual Allocation Factor for Other Operation and Maintenance for the ALLETE DC System shall be determined by dividing the sum of the amount included on Attachment O - ALLETE, Page 3, Line 8, Column 9 minus the Adjusted Transmission O&M amount calculated in (iii) above and reflected on Attachment MM - ALLETE, Page 1, Line 3d, Column 6 by the amount of Gross Transmission Plant In-Service included on Attachment O - ALLETE, Page 2, Line 2, Column 9. 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 for the ALLETE AC System shall be determined by dividing the amount included on Attachment O - ALLETE, Page 3, Lines 10 & 11, Column 7 by the amount of Gross Transmission Plant In-Service included on Attachment O - ALLETE, Page 2, Line 2, Column 7. 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. The Annual Allocation Factor for General and Common Depreciation Expense for the ALLETE DC System shall be determined by dividing the amount included on Attachment O - ALLETE, Page 3, Lines 10 & 11, Column 9 by the amount of Gross Transmission Plant In-Service included on Attachment O - ALLETE, Page 2, Line 2, Column 9. 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 for the ALLETE AC System shall be determined by dividing the amount included on Attachment O - ALLETE, Page 3, Line 20, Column 7 by the amount of Gross Transmission Plant In-Service included on Attachment O - ALLETE, Page 2, Line 2, Column 7. 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. The Annual Allocation Factor for Other Taxes for the ALLETE DC System shall be determined by dividing the amount included on Attachment O - ALLETE, Page 3, Line 20, Column 9 by the amount of Gross Transmission Plant In-Service included on Attachment O - ALLETE, Page 2, Line 2, Column 9. 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 ALLETE AC System Annual Allocation Factor for Other Expense shall be the sum of the AC System portion of (iv), (v) and (vi) above. The ALLETE DC System Annual Allocation Factor for Other Expense shall be the sum of the DC System portion of (iv), (v) and (vi) above.
- viii. The Annual Allocation Factor for Income Tax for the ALLETE AC System shall be determined by dividing the amount included on Attachment O - ALLETE, Page 3, Line 27, Column 7 by the amount included for the Net Transmission Plant In-Service Attachment MM - ALLETE, Page 1, Line 2, Column 4. 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. The

Annual Allocation Factor for Income Tax for the ALLETE DC System shall be determined by dividing the amount included on Attachment O - ALLETE, Page 3, Line 27, Column 9 by the amount included for the Net Transmission Plant In-Service Attachment MM - ALLETE, Page 1, Line 2, Column 6. 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 for the ALLETE AC System shall be determined by dividing the amount included on Attachment O - ALLETE, Page 3, Line 28, Column 7 by the amount of Net Transmission Plant In-Service included on Attachment MM - ALLETE, Page 1, Line 2, Column 4. 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. The Annual Allocation Factor for Return on Rate Base for the ALLETE DC System shall be determined by dividing the amount included on Attachment O - ALLETE, Page 3, Line 28, Column 9 by the amount of Net Transmission Plant In-Service included on Attachment MM - ALLETE, Page 1, Line 2, Column 6. 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 ALLETE AC System Annual Allocation Factor for Return shall be the sum of AC System portion of (viii) and (ix) above. The ALLETE DC System Annual Allocation Factor for Return shall be the sum of DC System portion of (viii) and (ix) above.

xi. The MVP Annual Revenue Requirement for each individual Project, whether it is an ALLETE AC System asset or ALLETE DC System asset, subject to this Attachment MM - ALLETE 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 for an ALLETE AC System asset equals the sum of (a) the Project's Accumulated Depreciation multiplied by the ALLETE AC System Annual Allocation Factor for Transmission Operation and Maintenance calculated in (iii) above, and (b) the Project's Gross Plant multiplied by the ALLETE AC System Annual Allocation Factor for Other Expense calculated in (vii) above. The Project's Gross Plant shall include any unamortized abandoned plant amount included in Rate Base when authorized by FERC order, if applicable. Annual Expense Charge for an ALLETE DC System asset equals the sum of (a) the Project's Accumulated Depreciation multiplied by the ALLETE DC System Annual Allocation Factor for Transmission Operation and Maintenance calculated in (iii) above, and (b) the Project's Gross Plant multiplied by the ALLETE DC System Annual Allocation Factor for Other Expense calculated in (vii) above. The Project's Gross Plant shall include any unamortized abandoned plant amount included in Rate Base when authorized by FERC order, if applicable;
- 2) Annual Return Charge for an ALLETE AC System asset equals the Project's Net Plant multiplied by the ALLETE AC System Annual Allocation Factor

for Return calculated in (x) above. The Project's Net Plant shall include any unamortized abandoned plant amount included in Rate Base when authorized by FERC order, if applicable. Annual Return Charge for an ALLETE DC System asset equals the Project's Net Plant multiplied by the ALLETE DC System Annual Allocation Factor for Return calculated in (x) above. The Project's Net Plant shall include any unamortized abandoned plant amount included in Rate Base when authorized by FERC order, if applicable;

- 3) Depreciation Expense for the ALLETE AC System equals the actual value booked, or projected to be booked for forward-looking rate periods, for the Project and included in Attachment O - ALLETE, Page 3, Line 12, Column 7. The Project's Depreciation Expense shall include any amortization of abandoned plant costs when authorized by FERC order, if applicable. Depreciation Expense for the ALLETE DC System equals the actual value booked, or projected to be booked for forward-looking rate periods, for the Project and included in Attachment O - ALLETE, Page 3, Line 12, Column 9. The Project's Depreciation Expense shall include any amortization of abandoned plant costs when authorized by FERC order, if applicable.
- 4) True-Up Adjustment equals any applicable Attachment MM - ALLETE true-up amount calculated under Section 4 of this Attachment MM - ALLETE; 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 - ALLETE as identified in (iv), (v) and (vi)

above and Net Plant values from Attachment MM - ALLETE 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 AC System Project shall be identified separately as a sub-row of Line 1 on Page 2 of the Attachment MM - ALLETE template attached, to be identified as Line 1a, 1b, etc. ALLETE shall add additional sub-rows to Lines 1 as needed to accommodate additional ALLETE AC System Projects. Each individual DC System Project shall be identified separately as a sub-row of Line 7 on Page 2 of the Attachment MM - ALLETE template attached, to be identified as Line 7a, 7b, etc. ALLETE shall add additional sub-rows to Line 7 as needed to accommodate additional ALLETE DC System Projects.
- xiii. Line 4 on Page 2 of the Attachment MM - ALLETE template shall be the sum of all ALLETE AC System projects identified in Lines 1 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO Midwest MVP Cost Allocation Subregion identified in Attachment XX or MVPs approved prior to May 19, 2022 and located in the MISO Midwest MVP Cost Allocation Subregion. Line 10 on Page 2 of the Attachment MM - ALLETE template shall be the sum of all ALLETE DC System projects identified in Lines 7 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO Midwest MVP Cost Allocation Subregion identified in Attachment XX or MVPs approved prior to May 19, 2022 and located in the MISO Midwest MVP Cost Allocation Subregion.

- xiv. Line 5 on Page 2 of the Attachment MM - ALLETE template shall be the sum of all ALLETE AC System projects identified in Lines 1 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO South MVP Cost Allocation Subregion identified in Attachment XX. Line 11 on Page 2 of the Attachment MM - ALLETE template shall be the sum of all ALLETE DC System projects identified in Lines 7 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO South MVP Cost Allocation Subregion identified in Attachment XX.
- xv. Line 6 on Page 2 of the Attachment MM - ALLETE template shall be the sum of all ALLETE AC System projects identified in Lines 1 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO system-wide footprint. Line 12 on Page 2 of the Attachment MM - ALLETE template shall be the sum of all ALLETE DC System projects identified in Lines 7 on Page 2 as being part of a Portfolio with benefits spread broadly across the MISO system-wide footprint.

4 Calculation of Attachment MM-ALLETE True-Up Adjustment

ALLETE shall calculate its True-Up Adjustment as set forth in this Attachment MM - ALLETE, Section 4. ALLETE shall calculate an annual Attachment MM - ALLETE True-Up Adjustment(s) for both the ALLETE AC system and the ALLETE DC System in accordance with the Attachment MM - ALLETE True-Up Adjustment for MISO Midwest MVP Cost Allocation Subregion – Aggregate template (“Attachment MM – ALLETE True-Up Adjustment”).

(a) For the ALLETE AC System the Attachment MM - ALLETE True-Up

Adjustment template requires the determination of ALLETE's revenue requirement for the AC System under this Attachment MM - ALLETE on both a projected basis and an actual basis. ALLETE's projected Attachment MM – ALLETE AC System revenue requirement will be prepared in conformance with its projected Attachment O - ALLETE AC System revenue requirements and ALLETE's actual Attachment MM - ALLETE AC System revenue requirements will be prepared in conformance with its actual Attachment O - ALLETE AC System revenue requirements. ALLETE will make supporting information available to any interested party by publicly posting the supporting information on OASIS. The AC System 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 – ALLETE True-Up Adjustment is calculated.

(b) Determination of the ALLETE AC System True-Up Adjustment

As shown on the Attachment MM - ALLETE True-Up Adjustment template for the AC System, the True-Up Adjustment Principal (Column (h)) for ALLETE is the difference by Project between the Attachment MM - ALLETE's AC System's Actual Annual Revenue Requirement (Column (g)) and the Actual Attachment MM - ALLETE AC System Revenues Allocated to Projects (Column (f)) for ALLETE, both excluding any prior True-Up Adjustment, as reported on Page 2 of 2, Line 4, Column 15 of Attachment MM - ALLETE. As shown on the Attachment MM - ALLETE

True-Up Adjustment template, the Actual Attachment MM - ALLETE Revenues excluding prior year True-Up Adjustments are allocated to each AC System Project based on the projected Attachment MM - ALLETE AC System revenue requirement. The Actual Attachment MM - ALLETE Revenues include, but are not limited to, revenues from Schedule 26-A and Schedule 39, together with other schedules that recover the Attachment MM - ALLETE 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 for each AC System project. The Attachment MM - ALLETE True-Up Adjustment shall be posted to the Transmission Provider's OASIS in the same manner as ALLETE's Attachment O – ALLETE True-Up Adjustment.

(c) Determination of Interest Rate for AC System Projects

The AC System interest rate for the Attachment MM - ALLETE True-Up Adjustment will be determined in the following manner: As shown on the template entitled Attachment MM - ALLETE True-Up Adjustment for MISO Midwest MVP Cost Allocation Subregion – Aggregate, the interest rate for each AC System 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 ALLETE's Attachment O - ALLETE True-Up Procedures.

(d) For the ALLETE DC System the Attachment MM - ALLETE True-Up

Adjustment template requires the determination of ALLETE's revenue requirement for the DC System under this Attachment MM - ALLETE on both a projected basis and an actual basis. ALLETE's projected Attachment MM – ALLETE DC System revenue requirement will be prepared in conformance with its projected Attachment O - ALLETE DC System revenue requirements and ALLETE's actual Attachment MM - ALLETE DC System revenue requirements will be prepared in conformance with its actual Attachment O - ALLETE DC System revenue requirements. ALLETE will make supporting information available to any interested party by publicly posting the supporting information on OASIS. The DC System 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 – ALLETE True-Up Adjustment is calculated.

(e) Determination of the ALLETE DC System True-Up Adjustment

As shown on the Attachment MM - ALLETE True-Up Adjustment template for the DC System, the True-Up Adjustment Principal (Column (h)) for ALLETE is the difference by Project between the Attachment MM - ALLETE's DC System's Actual Annual Revenue Requirement (Column (g)) and the Actual Attachment MM - ALLETE DC System Revenues Allocated to Projects (Column (f)) for ALLETE, both excluding any prior True-Up Adjustment, as reported on Page 2 of 2, Line 10, Column 15 of Attachment MM - ALLETE. As shown on the Attachment MM -

ALLETE True-Up Adjustment template, the Actual Attachment MM - ALLETE Revenues excluding prior year True-Up Adjustments are allocated to each DC System Project based on the projected Attachment MM - ALLETE DC System revenue requirement. The Actual Attachment MM - ALLETE Revenues include, but are not limited to, revenues from Schedule 26-A and Schedule 39, together with other schedules that recover the Attachment MM - ALLETE 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(f) 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 for each DC System project. The Attachment MM - ALLETE True-Up Adjustment shall be posted to the Transmission Provider's OASIS in the same manner as ALLETE's Attachment O – ALLETE True-Up Adjustment.

(f) Determination of Interest Rate for DC System Projects

The DC System interest rate for the Attachment MM - ALLETE True-Up Adjustment will be determined in the following manner: As shown on the template entitled Attachment MM - ALLETE True-Up Adjustment for MISO Midwest MVP Cost Allocation Subregion – Aggregate, the interest rate for each DC System 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 ALLETE's Attachment O - ALLETE True-Up Procedures.

5 The MVP Usage Rate (MUR):

(a) The MUR is a rate applied to MISO Midwest MVP Cost Allocation Subregion, MISO South MVP Cost Allocation Subregion, or MISO system-wide footprint pursuant to Attachment FF and Attachment XX, and charged by MISO via Schedule 26-A. The revenue requirements used to derive the MUR(s) are the revenue requirements of each Transmission Owner's *pro forma* Attachment MM or company-specific Attachment MM, including Attachment MM-ALLETE. Section 5 of the Transmission Provider's *pro forma* Attachment MM provides a complete description of the development and application of the MUR(s).

6 Nothing contained in this Attachment MM - ALLETE shall limit the right of ALLETE 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 - ALLETE, 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 - ALLETE.