

Attachment N-1

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Formula Rate - Non-  
Levelized

Rate Formula Template  
Utilizing EIA Form 412 Data<sup>1</sup>

For the 12 months ended 12/31/\_\_\_

UTILITY NAME

Line		Allocated
No.		Amount
1	GROSS REVENUE REQUIREMENT (page 3, line 29)	\$ -

	REVENUE CREDITS	(Note T)	Total	Allocator
2	Account No. 454	(page 4, line 30)	0	TP 0.00000 0
3	Account No. 456	(page 4, line 33)	0	TP 0.00000 0
4	Revenues from Grandfathered Interzonal		0	TP 0.00000 0

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MISO  
FERC Electric Tariff  
ATTACHMENTS

4  
Rate Formula Template  
32.0.0

Transactions

5	Revenues from service provided by the ISO at a discount	0	TP	0.00000	0
6	TOTAL REVENUE CREDITS (sum lines 2-5)				0
7	NET REVENUE REQUIREMENT (line 1 minus line 6)				\$ -
8	Gross Transmission Plant (page 2, line 2, col 5)				0
9	Facility Carrying Charge (line 7 divided by line 8)				0.00%
10	Applicable base ROE under Attachment O (applicable adders approved by FERC may be				10.02%

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added up to the upper end of the zone of  
reasonableness established by FERC (12.62%))

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(1)	(2)	(3)	(4)	(5)
Line	<b>EIA 412 Reference</b>	<b>Compan y Total</b>	<b>Allocator</b>	<b>Transmission</b> (Col 3 times Col 4)
No.	<b>RATE BASE:</b>			

GROSS PLANT IN SERVICE

1	Production	IV.6.f	0	NA		
2	Transmission	IV.7.f	0	TP	0.00000	0
3	Distribution	IV.8.f	0	NA		

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32.0.0

4	General & Intangible	IV.9.f	0	W/S	0.00000	0
5	Common		0	CE	0.00000	0
6	TOTAL GROSS PLANT (sum lines 1-5)		0	GP=	0.000%	0

ACCUMULATED

DEPRECIATION

7	Production		0	NA		
8	Transmission		0	TP	0.00000	0
9	Distribution		0	NA		
10	General & Intangible		0	W/S	0.00000	0
11	Common		0	CE	0.00000	0
12	TOTAL ACCUM. DEPRECIATION (sum lines 7- 11)		0			0

NET PLANT IN SERVICE

13	Production	(line 1- line 7)	0			
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14	Transmission	(line 2- line 8)	0			0
15	Distribution	(line 3 - line 9)	0			
16	General & Intangible	(line 4 - line 10)	0			0
17	Common	(line 5 - line 11)	0			0
18	TOTAL NET PLANT (sum lines 13-17)		0	NP=	0.000%	0

ADJUSTMENTS TO RATE

BASE (Note F)

19	Account No. 281 (enter negative)	0		zero	0
20	Account No. 282 (enter negative)	0	NP	0.00000	0
21	Account No. 283 (enter negative)	0	NP	0.00000	0
22	Account No. 190	0	NP	0.00000	0
23	Account No. 255 (enter negative)	0	NP	0.00000	0

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24	TOTAL ADJUSTMENTS (sum lines 19 - 23)	0			0
25	LAND HELD FOR FUTURE USE	IV.12.f (Note G)	0	TP	0.00000 0
	WORKING CAPITAL	(Note H)			
26	CWC		0		0
27	Materials & Supplies	(Note G)	0	TE	0.00000 0
28	Prepayments	I.20.b	0	GP	0.00000 0
29	TOTAL WORKING CAPITAL (sum lines 26 - 28)		0		0
30	RATE BASE (sum lines 18, 24, 25, and 29)		0		0

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Formula Rate - Non-Levelized

Rate Formula Template

For the 12 months ended 12/31/\_\_\_

Utilizing EIA Form 412 Data<sup>1</sup>

UTILITY NAME

(1) (2) (3) (4) (5)

Line		<b>EIA 412</b>	<b>Transmission</b>			
No.		<b>Reference</b>	<b>Company</b>		<b>(Col 3 times Col 4)</b>	
			<b>Total</b>	<b>Allocator</b>		

O&M

1	Transmission	VII.11.d	0	TE	0.00000	0
2	Less Account 565		0	NA	1.00000	0

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32.0.0

3	A&G	VII.16.d	0	W/S	0.00000	0
4	Less FERC Annual Fees		0	W/S	0.00000	0
5	Less EPRI & Reg. Comm. Exp. & Non-safety		0	W/S	0.00000	0
Ad (Note I)						
5a	Plus Transmission Related Reg. Comm. Exp.		0	TE	0.00000	0
(Note I)						
6	Common		0	CE	0.00000	0
7	Transmission Lease Payments		0	NA	1.00000	0
8	TOTAL O&M (sum lines 1, 3, 5a, 6, 7 less 2, 4, 5)		0			0

DEPRECIATION EXPENSE

9	Transmission		0	TP	0.00000	0
10	General		0	W/S	0.00000	0
11	Common		0	CE	0.00000	0
12	TOTAL DEPRECIATION (Sum lines 9 - 11)		0			0

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TAXES OTHER THAN INCOME TAXES

(Note J)

LABOR RELATED

13	Payroll	0	W/S	0.00000	0
14	Highway and vehicle	0	W/S	0.00000	0
15	PLANT RELATED				
16	Property	0	GP	0.00000	0
17	Gross Receipts	0	NA	zero	0
18	Other	0	GP	0.00000	0
19	Payments in lieu of taxes	0	GP	0.00000	0
20	TOTAL OTHER TAXES (sum lines 13 - 19)	0			0

INCOME TAXES

(Note K)

NA

21	$T = 1 - \{[(1 - \text{SIT}) * (1 - \text{FIT})] / (1 - \text{SIT} * \text{FIT} * p)\}$	0.00%
22	$\text{CIT} = (T / 1 - T) * (1 -$	0.00%

(WCLTD/R)) =

where WCLTD=(page 4, line 27) and R=

(page 4, line30)

and FIT, SIT & p are as given in footnote K.

23      1 / (1 - T) = (from line 21)      0.0000

24      Amortized Investment Tax Credit (266.8f) (enter  
negative)      0

25      Income Tax Calculation = line 22 \* line 28      0      NA      0

26      ITC adjustment (line 23 \* line  
24)      0      NP      0.00000      0

27      Total Income Taxes      (line 25 plus  
line 26)      0      0

28      RETURN      0      NA      0

[ Rate Base (page 2, line 30) \*  
Rate of Return (page 4, line 24)]

29	REV. REQUIREMENT (sum lines 8, 12,20,27,28)	0	0
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Formula Rate - Non-Levelized

Rate Formula Template

For the 12 months ended 12/31/\_\_\_

Utilizing EIA Form 412 Data<sup>1</sup>

UTILITY NAME

Line

No.

**SUPPORTING CALCULATIONS**

**AND NOTES**

TRANSMISSION PLANT

INCLUDED IN ISO RATES

1	Total transmission plant (page 2, line 2, column 3)	0
2	Less transmission plant	0

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excluded from ISO rates

(Note M)

3 Less transmission plant 0

included in OATT Ancillary

Services (Note N )

4 Transmission plant included in 0

ISO rates (line 1 less lines 2 &  
3)

5 Percentage of transmission TP= 0.00000

plant included in ISO Rates

(line 4 divided by line 1)

#### TRANSMISSION EXPENSES

6 Total transmission expenses (page 3, line 1, 0

column 3)

7	Less transmission expenses included in OATT Ancillary Services (Note L)	0	
8	Included transmission expenses (line 7 less line 6)	0	
9	Percentage of transmission expenses after adjustment (line 8 divided by line 6)	0.00000	
10	Percentage of transmission plant included in ISO Rates (line 5)	TP 0.00000	
11	Percentage of transmission expenses included in ISO Rates (line 9 times line 10)	TE= 0.00000	

WAGES & SALARY ALLOCATOR

(W&S)

		\$	TP	Allocation			
12	Production	0	0.00	0			
13	Transmission	0	0.00	0			
14	Distribution	0	0.00	0		W&S	
						Allocator	
15	Other	0	0.00	0		(\$ /	
						Allocation)	
16	Total (sum lines 12-15)	0		0	=	0.00000	= W/S

COMMON PLANT ALLOCATOR (CE)

(Note O)

		\$	% Electric	Labor		
				Ratio		
17	Electric	0	(line 17 / line	(line 16)		CE



			20)					
18	Gas		0	0.00000	*	0.00000	=	0.00000
19	Water		0					
20	Total (sum lines 17-19)		0					

RETURN (R)

\$

21	Long Term Interest	II.16.b +	\$0
		II.17.b	
		Note U	

Cost

			\$	%	(Note P)	Weighted	
22	Long Term Debt	I.33.b +	0	0%	0.00%	0.0000	=WCLTD
		I.34.b					
23	Proprietary Capital	I.40.b	0	0%	0.0000	0.0000	
24	Total (sum lines 22, 23)		0	0%		0.0000	=R

25 Proprietary 0.00%

Capital Cost Rate =

26 TIER = 0.00

REVENUE CREDITS

Load

ACCOUNT 447 (SALES FOR RESALE)

27 a. Bundled Non-RQ Sales for (Note 0  
Resale Q)

28 b. Bundled Sales for Resale included in 0  
Divisor on page 1

29 Total of (a)-(b) 0

30 ACCOUNT 454 (RENT FROM \$0  
ELECTRIC PROPERTY)  
(Note R)

ACCOUNT 456 (OTHER ELECTRIC  
REVENUES)

31	a. Transmission charges for all transmission transactions	\$0
32	b. Transmission charges for all transmission transactions included in Divisor on page 1	\$0
33	Total of (a)-(b)	\$0

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Formula Rate - Non-Levelized  
Rate Formula Template

For the 12 months ended 12/31/\_\_\_

Utilizing EIA Form 412 Data<sup>1</sup>

UTILITY NAME

General Note: References to pages in this formulary rate are indicated

as: (page#, line#, col.#)

References to data from EIA Form 412 are indicated

as: x.y.z (section, line, column)

To the extent the page references to EIA Form 412 are  
missing, the entity will include a "Notes" section in

Note the EIA 412 to provide this data.

Letter

- A The utility's maximum monthly megawatt load (60-minute integration) for RQ service at time of ISO coincident monthly peaks. RQ service is service which the supplier plans to provide on an on-going basis (i.e., the supplier includes projected load for this service in its system resource planning).
- B Includes LF, IF, LU, IU service. LF means "firm service" (cannot be interrupted for economic reasons and is intended to remain reliable even under adverse conditions), and long-term (duration of at least five years); does not meet definition of RQ service. IF is "firm service" for a term longer than one but less than five years. LU is service from a designated generating unit, of a term no less than five years. LI is service from a designated generating unit for a term between one and five years. Measured at time of ISO coincident monthly peaks.
- C LF as defined above at time of ISO coincident monthly peaks.
- D LF as defined above at time of ISO coincident monthly peaks.

- E The FERC's annual charges for the year assessed the Transmission Owner for service under this tariff, if any
- F The balances in Accounts 190, 281, 282 and 283, as adjusted by  
any amounts in contra accounts identified as regulatory assets  
or liabilities related to FASB 106 or 109. Balance of Account  
255 is reduced by prior flow throughs and excluded if the utility  
chose to utilize amortization of tax credits against taxable  
income as discussed in Note K. Account 281 is not allocated.
- G Transmission related only.
- H Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission at page 3, line 8, column  
5.  
  
Prepayments are the electric related prepayments booked to Account No. 165 as shown on Schedule I of EIA Form 412.
- I Line 5 - EPRI Annual Membership Dues, all Regulatory Commission Expenses, and non-safety related advertising.  
  
Line 5a - Regulatory Commission Expenses directly related to  
transmission service, ISO filings or transmission siting.
- J Includes only FICA, unemployment, highway, property, gross receipts, and other assessments charged in the current year.  
  
Taxes related to income are excluded. Gross receipts taxes are not included in transmission revenue requirement  
in the Rate Formula Template,

since they are recovered elsewhere.

- K The currently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and  $p =$
- "the percentage of federal income tax deductible for state income taxes". If the utility is taxed in more than one state it must attach a
- work paper showing the name of each state and how the blended or composite SIT was developed. Furthermore, a utility that
- elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce
- rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit.
- multiplied by  $(1/1-T)$  (page 3, line 26).

Inputs Required:

FIT	0.00%	
=		
SIT=	0.00%	(State Income Tax Rate or Composite SIT)
p =	0.00%	(percent of federal income tax deductible for state

purposes)

- L Removes dollar amount of transmission expenses included in the OATT ancillary services rates, including all of Account No. 561.
- M Removes transmission plant determined to be state-jurisdictional by Commission order according to the seven-factor test (until EIA 412 balances are adjusted to reflect application of seven-factor test).
- N Removes dollar amount of transmission plant included in the development of OATT ancillary services rates and generation step-up facilities, which are deemed to included in OATT ancillary services. For these purposes, generation step-up facilities are those facilities at a generator substation on which there is no through-flow when the generator is shut down.
- O Enter dollar amounts
- P Debt cost rate = long-term interest (line 21) / long term debt (line 22). The Proprietary Capital Cost rate is implicit, a residual calculation after TIER is determined. TIER will be supported in the filing and no change in TIER may be made absent a filing with the ISO and



the FERC, if the entity is under FERC's jurisdiction.

Q Line 29 must equal zero since all short-term power sales must be unbundled and the transmission component reflected in Account

No. 456 and all other uses are to be included in the divisor.

R Includes income related only to transmission facilities, such as pole attachments, rentals and special use.

S Grandfathered agreements whose rates have been changed to eliminate or mitigate pancaking - the revenues are included in line 4 page 1

and the loads are included in line 13, page 1. Grandfathered agreements whose rates have not been changed to eliminate or mitigate

pancaking - the revenues are not included in line 4, page 1 nor are the loads included in line 13, page 1.

T The revenues credited on page 1 lines 2-5 shall include only the amounts received directly (in the case of grandfathered agreements)

or from the ISO (for service under this tariff) reflecting the Transmission Owner's integrated transmission facilities.

They do not include

revenues associated with FERC annual charges, gross receipts taxes, ancillary services, facilities not included in this template (e.g., direct

assignment facilities and GSUs) which are not recovered under this Rate Formula Template.

U From Reference II.17.b include only the amount from Account  
430.

<sup>1</sup> While the EIA no longer requires the submission of Form 412, cooperative and municipal transmission owners should continue to supply,  
for use in Attachment N-1, the information asked for in Form 412 in the format of Form 412.