

Formula Rate - Non-Levelized

Rate Formula Template
Using PERC Form 1 Data

For the 12 months ended 12/31/2022

Line No.	(1)	(2)	(3)	(4)	(5)
			MON FOWER		Allocated Amount
1	GROSS REVENUE REQUIREMENT (page 3, Line 38, col 5)				\$ 47,893,714
REVENUE CREDITS					
2	Account No. 451	(Note 5)	Total	Allocator	
3	Account No. 454	(page 4, Line 38)	-	TP	0.95942
4	Account No. 456	(page 4, Line 39)	-	TP	0.95942
5	Section 30.9 credits	(page 4, Line 40)	837,108	TP	0.95942
6	Other Revenue credits	(page 4, Line 41)	-	TP	0.95942
7	TIC Revenue	(page 4, Line 42)	-	DA	1.00000
8	TOTAL REVENUE CREDITS (sum Lines 2-7)	Attachment 11, Page 2, Line 3, Col. 13	837,108	DA	1.00000
9	True-up Adjustment with Interest	(Attachment 13, Line 47) enter negative	899,993		866,020
10	NET REVENUE REQUIREMENT	(Line 1 - Line 8 + Line 9)			\$ 47,014,695

Formals Rate - Non-Levelized		Rate Formals Template Uniting FERC Form 1 Data		MON POWER	
(1)	(2)	(3)	(4)	(5)	
Line No.	Source	Company Total	Allocator	Transmission (Col 3 times Col 4)	
RATE BASE:					
GROSS PLANT IN SERVICE					
1	Production	2,991,152,930	NA		
2	Transmission	599,196,874	TP	0.95942	574,878,987
3	Distribution	2,193,100,900	NA		
4	General & Intangible	165,686,271	WCS	0.03326	5,510,188
5	Common	-	CE	0.03326	-
6	TOTAL GROSS PLANT (sum Lines 1-5)	5,949,136,975	GP=	9.786%	580,389,175
ACCUMULATED DEPRECIATION					
7	Production	1,243,671,140	NA		
8	Transmission	210,397,236	TP	0.95942	201,858,916
9	Distribution	709,621,268	NA		
10	General & Intangible	91,672,010	WCS	0.03326	3,048,747
11	Common	-	CE	0.03326	-
12	TOTAL ACCUM. DEPRECIATION (sum Lines 7-11)	2,255,361,799			204,907,663
NET PLANT IN SERVICE					
13	Production	1,747,481,790			
14	Transmission	388,799,149			373,020,071
15	Distribution	1,481,479,597			
16	General & Intangible	74,011,261			2,461,441
17	Common	-			-
18	TOTAL NET PLANT (sum Lines 13-17)	3,693,773,796			375,481,512
ADJUSTMENTS TO RATE BASE					
19	Account No. 281 (enter negative)	-	NA		
20	Account No. 282 (enter negative)	(104,715,116)	DA	1.00000	(104,715,116)
21	Account No. 283 (enter negative)	(2,037,578)	DA	1.00000	(2,037,578)
22	Account No. 190	23,536,121	DA	1.00000	23,536,121
23	Account No. 255 (enter negative)	-	DA	1.00000	-
24	Unfunded Reserves	(218,337)	DA	1.00000	(218,337)
25	[This line left intentionally blank]	-			-
26	CWIP	-	DA	1.00000	-
27	Unamortized Regulatory asset	-	DA	1.00000	-
28	TOTAL ADJUSTMENTS (sum Lines 19-27)	(83,434,909)			(83,434,909)
29	LAND HELD FOR FUTURE USE	-	TP	0.95942	-
30	WORKING CAPITAL (Note H)				
31	CWC	912,156	DA	1.00000	912,156
32	Materials & Supplies (Note G)	-	TE	0.95471	-
33	Prepayments (Account 165)	151,807	DA	1.00000	151,807
34	TOTAL WORKING CAPITAL (sum Lines 31 - 33)	1,065,963			1,065,963
35	RATE BASE (sum Lines 18, 28, 29, & 34)	3,611,468,856			291,114,566

Line No.	(1)	(2)	(3)	(4)	(5)
		Source	Company Total	Allocator	Transmission (Col 3 times Col 4)
MON POWER					
1	O&M and A&G				
1	Transmission O&M Expense	Attachment 20, Line 26, Col. G	16,301,662	DA	1,00000
2	Less Sub-Transmission O&M	(Company records, Note Y)	9,908,958	DA	1,00000
3	A&G Expense	Attachment 20, Line 41, Col. J	1,191,093	DA	1,00000
4	Sub-Transmission A&G reduction percent	Line 2 Attachment 20, Line 26, Col C	5.8%		
5	Less Sub-Transmission A&G	Attachment 20, Line 41, Col D	67463	DA	1,00000
6	PROB Expense Adjustment in Year	Attachment 6, Line 11 (Note C)	(5,732)	DA	1,00000
7	Common	FERC Form No. 1, Page 356.1	-	CE	0.03326
8	Amortization of Regulatory Assets	Attachment 19, Line 2, Col. K	-	DA	1,00000
9	TOTAL O&M and A&G (sum Lines 1,3,6,7,8 less Lines 2,5)		7,476,603		7,476,603
DEPRECIATION AND AMORTIZATION EXPENSE					
10	Transmission	FERC Form No. 1, 336.7.b (Note T)	12,512,875	TP	0.95942
11	General & Intangible	FERC Form No. 1, 336.1.f & 336.10.f (Note T)	11,182,264	WS	0.03326
12	Sub-Transmission	(Company records, Note Y)	201,145	DA	1,00000
13	Common	FERC Form No. 1, 336.11.b (Note T)	-	CE	0.03326
14	TOTAL DEPRECIATION (sum Lines 10, 11, 13 less 12)		23,493,994		12,175,791
TAXES OTHER THAN INCOME TAXES (Note J)					
LABOR RELATED					
15	Payroll	Attachment 7, Line 14	5,111,038	WS	0.03326
16	Highway and vehicle	Attachment 7, Line 22	(60)	WS	0.03326
PLANT RELATED					
17	Property	Attachment 7, Line 34	24,592,075	GP	0.09756
18	Gross Receipts and Taxes Non-Functionalized to Trans	Attachment 7, Line 46	21,183,285	NA	-
19	Other	Attachment 7, Line 56	14,808	GP	0.09756
20	Payments in lieu of taxes	Attachment 7, Line 60	-	GP	0.09756
21	TOTAL OTHER TAXES (sum Lines 15 - 21)		50,901,146		2,570,586
INCOME TAXES (Note J)					
22	T = (1 - (11 - SET) - (1 - HTD)) / (1 - SET + FIT + PI) =		25,668		
23	CTE = (T - (1 - T)) * (1 - (WCLTD/R)) =		23,558		
24	where WCLTD = (page 4, Line 31) and R = (page 4, Line 34) and FIT, SET & PI are as given in footnote K				
25	1 / (1 - T) (from Line 23)		1.3452		
26	Amortized Investment Tax Credit (26.5%)(enter negative)		29,384		
27	Tax Effect of Permanent Differences and AFUDC Equity (Notes C & D)		(177,188)		
28	(Excess) Deficient Deferred Income Taxes (Attachment 15, Line 12, Col. F) (Notes C & E)		60,746,933	NA	4,930,405
29	Income Tax Calculation = Line 28 * Line 34		-	GP	-
30	ITC adjustment (Line 25 * Line 26)		39,527	DA	0.09756
31	Permanent Differences and AFUDC Equity Tax Adjustment (Line 29 * Line 27)		(228,346)	DA	1,00000
32	(Excess) Deficient Deferred Income Tax Adjustment (Line 29 * Line 28)		60,548,112		4,731,586
33	Total Income Taxes (sum Lines 29 through 32)		257,902,493	NA	20,912,148
34	Rate Base (page 2, Line 35) * Rate of Return (page 4, Line 34, col. 6)		400,316,347		47,880,714
GROSS REV. REQUIREMENT (WITHOUT INCENTIVE) (sum Lines 9, 14, 22, 31, 34)					
35	Plus any increased ROE adder incentive NTS	Attachment 20, Line 2 (Note X)	\$ -		-
36	Plus any increased ROE adder incentive TEC	Attachment 11, Line 4, col 12 (Note X)	\$ -		-
37	GROSS REV. REQUIREMENT (sum Lines 15, 36, 37)		400,316,347		47,880,714

Formula Rate - Non-Levelized

Rate Formula Template
 Utilizing FERC Form 1 Data

MON POWER

SUPPORTING CALCULATIONS AND NOTES

Line No.	(1)	(2)	(3)	(4)	(5)	(6)
TRANSMISSION PLANT EXCLUDED IN ISO RATES						
1	Total transmission plant (page 2, Line 2, column 3)					599,196,874
2	Less transmission plant excluded from ISO rates (Note L)					24,317,887
3	Less transmission plant included in OATT Ancillary Services (Note M)					574,878,987
4	Transmission plant included in ISO Rates (Line 1 less Lines 2 & 3)					0.95942
5	Percentage of transmission plant included in ISO Rates (Line 4 divided by Line 1)				TP=	
TRANSMISSION EXPENSES						
6	Total transmission expenses (Attachment 20, Line 26, Col C)					171,037,158
7	Less transmission expenses included in OATT Ancillary Services (Attachment 20, Line 2 plus Line 1 and Line 4, Col C) (Note K)					838,395
8	Included transmission expenses (Line 6 less Line 7)					170,198,763
9	Percentage of transmission expenses after adjustment (Line 8 divided by Line 6)					0.99510
10	Percentage of transmission plant included in ISO Rates (Line 5)				TP	0.95942
11	Percentage of transmission expenses included in ISO Rates (Line 9 times Line 10)				TE=	0.95471
WAGES & SALARY ALLOCATOR (W&S)						
	Form 1 Reference	\$	TP	Proportion (Note Z)	Allocation	
12	Production 354.20.b	37,546,474	0.00		2,224,575	(Note Z)
13	Transmission 354.21.b	2,134,677	0.06		-	W&S Allocator
14	Distribution 354.23.b	18,882,536	0.00		-	(S / Allocation)
15	Other 354.24, 354.25, 354.26.b	8,442,242	0.00		-	
16	Total (sum Lines 12-15)	66,905,929			2,224,575	= WS
COMMON PLANT ALLOCATOR (CE) (Note N)						
		\$		% Electric	W&S Allocator	
17	Electric 200.3.c			(Line 17 / Line 20)	(Line 16, col 6)	CE
18	Gas 201.3.d			1.00000 *	0.03326	
19	Water 203.3.e					
20	Total (sum Lines 17 - 19)					
ANNUAL ALLOCATION FACTOR CALCULATION (Note A)						
21	Annual Allocation Factor for Income taxes and Return (ROE)					
22	Annual Allocation Factor for Income Taxes Page 3, Line 33, Col. 5 / Page 2, Line 14, Col. 5					0
23	Annual Allocation Factor for Return on Rate Base Page 3, Line 34, Col. 5 / Page 2, Line 14, Col. 5					0
24	Total Annual Allocation Factor for Income Taxes and Return (Line 22 + Line 23)					0
25	Annual Allocation Factor for Income taxes and Return (scaled basis points adder)					
26	Annual Allocation Factor for Income Taxes Attach 2a Line 33 / Page 2, Line 14, Col. 5					0
27	Annual Allocation Factor for Return on Rate Base Attach 2a Line 22 / Page 2, Line 14, Col. 5					0.05979799
28	Total Annual Allocation Factor for Income Taxes and Return (Line 26 + Line 27)					0
29	Additional Annual Allocation Factor for Income Taxes and R Line 28 - Line 24					0
RETURN (R)						
30	Preferred Dividends (118.2%) (positive number)					
Cost (Note O)						
		\$	%	Weighted		
31	Long Term Debt (112.18.21.c) (Attachment 8, Line 14, Col. 9) (Note BB)	1,600,000,000	53%	0.022	WCLTD	
32	Preferred Stock (112.50) (Attachment 8, Line 14, Col. 3) (Note BB)	-	0%	0.0000		
33	Common Stock Attachment 8, Line 14, Col. 8) (Note BB)	1,441,880,798	47%	0.1045		
34	Total (sum Lines 31-33)	3,041,880,798		0.0714	-R	
REVENUE CREDITS (Note AA)						
ACCOUNT 447 (SALES FOR RESALE)						
35	a. Bundled Non-RQ Sales for Resale (311.a.b)	FERC Form No. 1, 310-311 (Note P)				
36	b. Bundled Sales for Resale					
37	Total of (a)-(b)					
38	ACCOUNT 451 (MISCELLANEOUS SERVICE REVENUE) (Note R)	FERC Form No. 1, 300.17.b				
39	ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY) (Note Q)	FERC Form No. 1, 300.19.b				
40	ACCOUNT 456 (OTHER ELECTRIC REVENUE) (Note U)	FERC Form No. 1, 330.a				837,108
40.a	Firm Point-to-Point					837,108
40.b	Other					
41	SECTION 30.9 CREDITS					
42	OTHER REVENUE CREDITS					
42a	Labor Related Revenues		W&S	0.03326	-	
42b	Plant Related Revenues		GP	0.09756	-	
42c	Transmission Related Revenues		TP	0.95942	-	
42d	Other		DA	1.00000	-	

Formula Rate - Non-Levelized

Rate Formula Template
Unloading FERC Form 1 Data
MON POWER

For the 12 months ended 12/31/2022

General Note: References to pages in this formulary rate are indicated as: (page#, Line#, col.#)

References to data from FERC Form 1 are indicated as: F.v.A. (page, Line, column)

Note
Letter

- A Annual Allocation Factor is utilized to calculate the incremental income tax and return for a scaled basis points added to the ROE and will be utilized only in the instance there exists Commission approved ROE incentive projects, else there will exist no incremental income tax and return.
 - B Prepayments shall exclude prepayments of income taxes.
 - C Transmission-related only.
 - D Includes the annual income tax cost or benefits due to permanent differences or differences between the amounts of expenses or revenues recognized in one period for ratemaking purposes and the amounts recognized for income tax purposes which do not reverse in one or more other periods, including the cost of income taxes on the Allowance for Other Funds Used During Construction. Balance shall not include permanent differences in the income tax allowance calculations (other than Equity AFUDC) unless and until specific Commission approval is obtained to include such differences in a separate 205 proceeding.
 - E Upon enactment of changes in tax law, income tax rates (federal, state) and other actions taken by a taxing authority, deferred taxes are re-measured and adjusted in the Company's books of account, resulting in excess or deficient accumulated deferred taxes. Such excess or deficient deferred taxes attributed to the transmission function will be based upon tax records and calculated in the calendar year in which the excess or deficient amount was measured and recorded for financial reporting purposes.
 - F The balances in accounts 199.281, 282, and 283 shall be adjusted for items as listed on Attachment 5. For example, any and all amounts in contra accounts identified as regulatory assets or liabilities related to FASB 106 or 109 should be excluded. The balance of Account 255 is reduced by prior flow through and excluded if the utility chose to utilize amortization of tax credits against taxable income as discussed in Note J, Account 281 is not allocated.
 - G Identified in Form 1 as being only transmission related.
 - H As agreed to as part of the settlement of Docket No. ER21-253 and ER21-265, Cash Working Capital is a challengeable input that is capped at one-eighth of O&M and A&G allocated to transmission at page 3, Line 9, column 5 minus amortization of regulatory assets (page 3, Line 8, col. 5) unless supported by a fully-developed and reliable loadlag study. Interested parties will not challenge the input for the cash working capital allowance for three (3) rate years following the effective date of the ultimately settled formula, provided that the CWC input does not exceed the one-eighth cap. In no case shall the calculation include only FICA, unemployment, highway, property, gross receipts, and other assessments charged in the current year. Taxes related to income are excluded. Gross receipts and taxes non-functionalized to Transmission are not included in transmission revenue requirement in the Rate Formula Template, since they are recovered elsewhere.
 - J The currently effective income tax rate, where FT is the Federal income tax rate, ST 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 ST 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 (Form 1, 266.8.f) multiplied by (1- T) (page 3, Line 25).
- | | |
|------|----------------------------------------------------------------------------------------------------------|
| FT = | 21.00% |
| ST = | 5.50% |
| p = | (State Income Tax Rate or Composite ST)
(percent of federal income tax deductible for state purposes) |
- K Removes dollar amount of transmission expenses included in the OATT ancillary services rates, including Account Nos. 561.1 - 561.3, and 561.BA, and related to generation step-up facilities, which are deemed 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.
 - L Removes transmission plant determined by Commission order to be state-jurisdictional according to the seven-factor test (until Form 1 balances are adjusted to reflect application of seven-factor test).
 - M Removes dollar amount of transmission plant included in the development of OATT ancillary services rates and generation step-up facilities, which are deemed 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.
 - N Enter dollar amounts
 - O Debt cost rate = Attachment 10, Column (j) total. Preferred cost rate = preferred dividends (Line 30) / preferred outstanding (Line 32). No change in ROE may be made absent a filing with FERC under Section 205 or Section 206 of the Federal Power Act. The ROE consists of a base ROE of 9.95% and a 50 basis point adder for participation in an RTD as eligible and consistent with the terms of the Settlement Agreement in Docket No. ER21-253-010.
 - P Page 4, Line 77 must equal zero since all short-term power sales must be subfunded and the transmission component reflected in Account No. 456.1 and all other uses are to be included in the divisor.
 - Q Includes income related only to transmission facilities, such as pole attachments, rentals and special use.
 - R Excludes revenues unrelated to transmission services.
 - S The revenues credited on page 3, Lines 2-4 do not include revenues associated with FERC annual charges, gross receipts taxes, ancillary services, or facilities not included in this template (e.g., direct assignment facilities and GSUs) which are not recovered under this Rate Formula Template. The revenue on this line is determined by the commission.
 - T Plant in Service, Accumulated Depreciation, and Depreciation Expense amounts exclude Asset Retirement Obligation amounts unless authorized by FERC. FERC account #95 - Amortization of Other Electric Plant amounts are excluded unless approved and authorized by FERC.
 - U On Page 4, Line 49, enter revenues from RTD settlements that are associated with NTS and firm Point-to-Point Service for which the load is not included in the divisor to derive AP.Zonal rates. Exclude non-firm Point-to-Point revenues and revenues related to RTEP projects, unless provisions per settlement agreement section 2.23 requires inclusion.
 - V Calculate using a 12-month average balance.
 - W Includes only CWIP authorized by the Commission for inclusion in rate base.
 - X Any annual ROE incentive must be approved by the Commission; therefore, Line will remain zero until a project(s) is granted a ROE incentive adder.
 - Y Sub-transmission includes assets below 100 kV, but which reside in transmission FERC accounts.
 - Z To the extent transmission assets are transferred to KATCOs, a proration factor will be applied on a percent of the transmission gross plant transferred.
 - AA The SFCs shall utilize a WS allocator to the extent that it aligns with distribution treatment, to become effective following the filing of the Settlement in Docket No. ER21-253 with a sunset of three years. After the sunset period, any revenue credits shall be credited to the formula rate template in the same manner as the underlying associated plant assets or expenses that generate the credits.
 - BB Calculates using a 13-month average balance. The Capitalization ratio for a capital component is the ratio of that component's capitalization to total company capitalization, subject to a total equity ceiling (i.e., preferred and common equity) of 56%.
- Actual equity capitalization: 46.6% Equity Cap Not Triggered

Schedule 1A Rate Calculation

1	\$	838,395	Attachment H-11A, Page 4, Line 7
2	\$	-	Revenue Credits for Sched 1A - Note A
3	\$	838,395	Net Schedule 1A Expenses (Line 1 - Line 2)
4		49,649,926	Annual MWh in AP Zone - Note B
5	\$	0.0169	Schedule 1A rate \$/MWh (Line 3/ Line 4)

Note:

- A Revenues received pursuant to PJM Schedule 1A revenue allocation procedures for transmission service outside of the AP Zone during the year used to calculate rates under Attachment H-11A
- B Load expressed in MWh consistent with load used for billing under Schedule 1A for the AP Zone. Data from RTO settlement systems for the calendar year prior to the rate year.

ROE Calculation

Return Calculation		Source Reference	
1	Rate Base	Attachment H-11A, page 2, Line 35, Col. 5	293,112,566
2	Preferred Dividends	enter positive Attachment H-11A, page 4, Line 30, Col. 6	0
Common Stock			
3	Proprietary Capital	Attachment 8, Line 14, Col. 1	1,492,797,956
4	Less Preferred Stock	Attachment 8, Line 14, Col. 3	0
5	Less Accumulated Other Comprehensive Income Account 219	Attachment 8, Line 14, Col. 6	-296,360
6	Less Account 216.1, Renaissance Adj, AGC adj & Goodwill	Attachment 8, Line 14, Col. 2, 4, 5 & 7	51,213,517
7	Common Stock	Attachment 8, Line 14, Col. 8	1,441,880,798
Capitalization			
8	Long Term Debt	Attachment H-11A, page 4, Line 31, Col. 3	1,650,000,000
9	Preferred Stock	Attachment H-11A, page 4, Line 32, Col. 3	0
10	Common Stock	Attachment H-11A, page 4, Line 33, Col. 3	1,441,880,798
11	Total Capitalization	Attachment H-11A, page 4, Line 34, Col. 3	3,091,880,798
12	Debt %	Total Long-Term Debt Attachment H-11A, page 4, Line 31, Col. 4	53.3656%
13	Preferred %	Preferred Stock Attachment H-11A, page 4, Line 32, Col. 4	0.0000%
14	Common %	Common Stock Attachment H-11A, page 4, Line 33, Col. 4	46.6344%
15	Debt Cost	Total Long-Term Debt Attachment H-11A, page 4, Line 31, Col. 5	0.0425
16	Preferred Cost	Preferred Stock Attachment H-11A, page 4, Line 32, Col. 5	0.0000
17	Common Cost	Common Stock Attachment H-11A, page 4, Line 33, Col. 5	0.1045
18	Weighted Cost of Debt	Total Long-Term Debt (WCLTD) (Line 12 * Line 15)	0.0227
19	Weighted Cost of Preferred	Preferred Stock (Line 13 * Line 16)	0.0000
20	Weighted Cost of Common	Common Stock (Line 14 * Line 17)	0.0487
21	Rate of Return on Rate Base (ROR)	(Sum Lines 18 to 20)	0.0714
22	Investment Return = Rate Base * Rate of Return	(Line 1 * Line 21)	20,932,148

Income Taxes			
Income Tax Rates			
23	$T = 1 - \frac{((1 - \text{SIT}) * (1 - \text{FIT}))}{(1 - \text{SIT} * \text{FIT} * p)}$	Attachment H-11A, page 3, Line 23, Col. 3	25.66%
24	$\text{CIT} = (T / (1 - T)) * (1 - (\text{WCLTD} / \text{R})) =$	Calculated	23.55%
25	$1 / (1 - T)$	Attachment H-11A, page 3, Line 25, Col. 3	1.3452
26	Amortized Investment Tax Credit (266.8.f) (enter negative)	Attachment H-11A, page 3, Line 26, Col. 3	-
27	Tax Effect of Permanent Differences and AFUDC Equity	Attachment H-11A, page 3, Line 27, Col. 3	29,384.36
28	(Excess)/Deficient Deferred Income Taxes	Attachment H-11A, page 3, Line 28, Col. 3	(177,187.57)
29	Income Tax Calculation	(line 22 * line 24)	4,930,405.12
30	ITC adjustment	Attachment H-11A, page 3, Line-30, Col. 5	-
31	Permanent Differences and AFUDC Equity Tax Adjustment	Attachment H-11A, page 3, Line 31, Col. 5	39,526.78
32	(Excess)/Deficient Deferred Income Tax Adjustment	Attachment H-11A, page 3, Line 32, Col. 5	(238,346.31)
33	Total Income Taxes	Sum lines 29 to 32	4,731,585.59

Return and Taxes			
34	Return and Income taxes with ROE	(Line 22 + Line 33)	25,663,733.77
35	Return with ROE	Attachment H-11A, Page 3, Line 34, Col. 5	20,932,148.18
36	Income Tax with ROE	Attachment H-11A, Page 3, Line 33, Col. 5	4,731,585.59

Notes:

Line 17 will reflect the ROE, as reflected on Attachment H-11A, Page 4, Line 33, Col. 5

Incentive ROE Calculation

Return Calculation		Source Reference		
1	Rate Base		Attachment H-11A, page 2, Line 35, Col. 5	293,112,566
2	Preferred Dividends	enter positive	Attachment H-11A, page 4, Line 30, Col. 6	0
	Common Stock			
3	Proprietary Capital		Attachment 8, Line 14, Col. 1	1,492,797,956
4	Less Preferred Stock		Attachment 8, Line 14, Col. 3	0
5	Less Accumulated Other Comprehensive Income Account 219		Attachment 8, Line 14, Col. 6	-296,360
6	Less Account 216.1, Renaissance Adj, AGC adj & Goodwill		Attachment 8, Line 14, Col. 2, 4, 5 & 7	51,213,517
7	Common Stock		Attachment 8, Line 14, Col. 8	1,441,880,798
	Capitalization			
8	Long Term Debt		Attachment H-11A, page 4, Line 31, Col. 3	1,650,000,000
9	Preferred Stock		Attachment H-11A, page 4, Line 32, Col. 3	0
10	Common Stock		Attachment H-11A, page 4, Line 33, Col. 3	1,441,880,798
11	Total Capitalization		Attachment H-11A, page 4, Line 34, Col. 3	3,091,880,798
12	Debt %	Total Long-Term Debt	Attachment H-11A, page 4, Line 31, Col. 4	53.3656%
13	Preferred %	Preferred Stock	Attachment H-11A, page 4, Line 32, Col. 4	0.0000%
14	Common %	Common Stock	Attachment H-11A, page 4, Line 33, Col. 4	46.6344%
15	Debt Cost	Total Long-Term Debt	Attachment H-11A, page 4, Line 31, Col. 5	0.0425
16	Preferred Cost	Preferred Stock	Attachment H-11A, page 4, Line 32, Col. 5	0.0000
17	Common Cost	Common Stock	Attachment H-11A, page 4, Line 33, Col. 5 plus 100 bps (Note A)	0.1145
18	Weighted Cost of Debt	Total Long-Term Debt (WCLTD)	(Line 12 * Line 15)	0.0227
19	Weighted Cost of Preferred	Preferred Stock	(Line 13 * Line 16)	0.0000
20	Weighted Cost of Common	Common Stock	(Line 14 * Line 17)	0.0534
21	Rate of Return on Rate Base (ROR)		(Sum Lines 18 to 20)	0.0761
22	Investment Return = Rate Base * Rate of Return		(Line 1 * Line 21)	22,299,062

Income Taxes				
	Income Tax Rates			
23	$T=1 - ((1 - SIT) * (1 - FIT)) / (1 - SIT * FIT * p) =$		Attachment H-11A, page 3, Line 23, Col. 3	25.66%
24	$CIT=(T/(1-T)) * (1-(WCLTD/R)) =$	Calculated		24.23%
25	$1 / (1 - T)$		Attachment H-11A, page 3, Line 25, Col. 3	1.3452
26	Amortized Investment Tax Credit (266.8.f) (enter negative)		Attachment H-11A, page 3, Line 26, Col. 3	-
27	Tax Effect of Permanent Differences and AFUDC Equity		Attachment H-11A, page 3, Line 27, Col. 3	29,384.36
28	(Excess)/Deficient Deferred Income Taxes		Attachment H-11A, page 3, Line 28, Col. 3	(177,187.57)
29	Income Tax Calculation		(line 22 * line 24)	5,402,214.22
30	ITC adjustment		Attachment H-11A, page 3, Line 30, Col. 5	-
31	Permanent Differences and AFUDC Equity Tax Adjustment		Attachment H-11A, page 3, Line 31, Col. 5	39,526.78
32	(Excess)/Deficient Deferred Income Tax Adjustment		Attachment H-11A, page 3, Line 32, Col. 5	(238,346.31)
33	Total Income Taxes		Sum lines 29 to 32	5,203,394.69

Incremental Return and Taxes				
34	Return and Income taxes with scaled basis pts adder		(Line 22 + Line 33)	27,502,456.43
35	Return with incentive adder		Line 22	22,299,061.74
36	Income Tax with incentive adder		Line 33	5,203,394.69
37	Incremental Return and incomes taxes for increase in ROE		Line 34 minus Attachment 2 Line 34	1,838,722.67
38	Rate Base		Line 1	293,112,566.22
39	Incremental Return and incomes taxes for increase in ROE divided by rate base		Line 37 / Line 38	0.00627

Notes:

[A] Line 17 - ROE adder is a scaling factor to calculate the incremental return and income taxes, which will be utilized to calculate additional revenue requirement only in the instance there exists Commission approved ROE incentive projects.

Incentive ROE NITS Worksheet Support
Net Plant Detail

Line No.	Project Name (Note A)	RTEP Project Number	Project Gross Plant (Note B)	Dec-21 (Note C)	Jan-22 (Note C)	Feb-22 (Note C)	Mar-22 (Note C)	Apr-22 (Note C)	May-22 (Note C)	Jun-22 (Note C)	Jul-22 (Note C)	Aug-22 (Note C)	Sep-22 (Note C)	Oct-22 (Note C)	Nov-22 (Note C)	Dec-22 (Note C)
1a			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1b			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1c			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1d			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1e			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1f			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	Subtotal															

NOTE [A] Utilize only in the instance there exists Commission approved ROE incentive projects

[C] Company records

[B] Project Gross Plant is the total capital investment for the project, including subsequent capital investments required to maintain the project in-service. Utilizes a 13-month average.

Incentive ROE NITS Worksheet Support
Net Plant Detail

Accumulated Depreciation													(A)	(B)	(C)	(D)	(E)	
	Dec-21 (Note C)	Jan-22 (Note C)	Feb-22 (Note C)	Mar-22 (Note C)	Apr-22 (Note C)	May-22 (Note C)	Jun-22 (Note C)	Jul-22 (Note C)	Aug-22 (Note C)	Sep-22 (Note C)	Oct-22 (Note C)	Nov-22 (Note C)	Dec-22 (Note C)	Project Net Plant (Note H)	ROE Basis Pts adder (Note D)	Return and income taxes without adder (Note E)	Return and income taxes with ROE adder (Note F)	Incremental return and income taxes (Note G)
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0		\$0	0	\$0.00
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0		0	0	\$0.00
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0		0	0	\$0.00
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0		0	0	\$0.00
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0		0	0	\$0.00
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0		0	0	\$0.00

NOTES

[C] Company records

[F] Col. A*((Attachment H-11A, Page 4, Line 29, Col. 6) * Col. B/100+Attachment H-11A, Page 4, Line 24, Col. 6)

[D] Enter Commission approved project specific ROE incentive basis points adder, which is a scaled factor against a 100 to derive the approved percentage adder

[G] Taken to Attachment H-11A, Page 3, Line 36, Col. 3

[E] Col. A * Attachment H-11A, Page 4, Line 24, Col. 6

[H] Utilizes a 13-month average.

\$0.00

Gross Plant Calculation

		[1] Production	[2] Sub-Transmission [D]	[3] Transmission [E]	[4] Distribution [F]	[5] Intangible	[6] General	[7] Common	[8] Total	
1	December	2021	2,984,465,818	11,545,219	583,364,782	2,160,268,217	46,838,557	114,130,614	-	5,889,067,988
2	January	2022	2,966,762,389	11,878,732	582,779,711	2,166,714,022	47,126,478	114,143,540	-	5,877,526,141
3	February	2022	2,969,172,831	12,176,548	583,773,296	2,170,744,324	47,379,241	114,434,094	-	5,885,503,787
4	March	2022	2,980,599,809	12,137,848	587,584,479	2,175,198,045	48,525,782	115,236,435	-	5,907,144,550
5	April	2022	2,982,424,311	12,225,501	588,720,720	2,181,493,384	48,537,800	115,356,848	-	5,949,533,063
6	May	2022	2,994,096,527	12,185,017	592,677,246	2,186,205,956	48,546,628	116,363,644	-	5,937,890,002
7	June	2022	2,980,875,981	12,516,809	601,178,313	2,192,544,961	48,704,476	116,589,217	-	5,939,892,948
8	July	2022	2,981,152,715	12,425,565	601,562,518	2,195,558,486	48,771,573	114,674,030	-	5,941,719,322
9	August	2022	2,980,968,356	12,558,043	598,682,758	2,205,448,442	48,827,538	115,583,699	-	5,949,510,793
10	September	2022	2,981,393,638	12,781,827	604,167,817	2,212,181,276	53,265,938	115,256,620	-	5,966,265,289
11	October	2022	3,019,474,503	12,950,898	607,629,764	2,217,207,309	53,014,021	116,109,662	-	6,013,435,259
12	November	2022	3,019,509,085	14,200,090	622,995,523	2,222,397,619	53,526,502	118,478,947	-	6,036,907,749
13	December	2022	3,044,092,131	14,413,965	634,442,438	2,224,349,591	54,927,042	119,572,588	-	6,077,383,791
14	13-month Average	[A] [C]	2,991,152,930	12,615,082	599,196,874	2,193,100,900	49,845,506	115,840,765	-	5,949,136,975
			Production	Transmission	Distribution	Intangible	General	Common		Total
		[B]	205.46 g	207.58 g	207.75 g	205.5 g	207.99 g	356.1		
15	December	2021	2,986,161,600	594,910,976	2,148,722,998	46,838,557	114,188,359			5,890,822,489
16	January	2022	2,968,458,171	594,659,418	2,154,835,289	47,126,478	114,201,285			5,879,280,642
17	February	2022	2,970,868,612	595,950,819	2,158,567,776	47,379,241	114,491,839			5,887,258,287
18	March	2022	2,982,295,590	599,723,302	2,163,060,197	48,525,782	115,294,180			5,908,899,051
19	April	2022	2,984,120,092	600,947,196	2,169,267,883	48,537,800	115,414,592			5,918,287,564
20	May	2022	2,995,792,308	604,863,237	2,174,020,940	48,546,628	116,421,389			5,939,644,503
21	June	2022	2,982,571,763	613,696,096	2,180,028,152	48,704,476	116,646,962			5,941,647,449
22	July	2022	2,982,848,496	613,989,057	2,183,132,922	48,771,573	114,731,775			5,943,473,822
23	August	2022	2,982,664,137	611,241,775	2,192,890,399	48,827,538	115,641,444			5,951,265,294
24	September	2022	2,983,089,419	616,950,618	2,199,399,449	53,265,938	115,314,365			5,968,019,790
25	October	2022	3,021,170,285	620,581,636	2,204,256,410	53,014,021	116,167,407			6,015,189,759
26	November	2022	3,021,204,867	637,196,588	2,208,197,601	53,526,502	118,536,692			6,038,662,249
27	December	2022	3,045,787,913	648,857,378	2,209,935,626	54,927,042	119,630,333			6,079,138,292
28	13-month Average		2,992,848,712	611,812,930	2,180,485,819	49,845,506	115,898,509	-		5,950,891,476

Asset Retirement Costs			Production	Transmission	Distribution	Intangible	General	Common
		[B]	205.44 g	207.57 g	207.74 g	company records	207.98 g	company records
29	December	2021	\$1,695,782	974			57,745	
30	January	2022	\$1,695,782	974			57,745	
31	February	2022	\$1,695,782	974			57,745	
32	March	2022	\$1,695,782	974			57,745	
33	April	2022	\$1,695,782	974			57,745	
34	May	2022	\$1,695,782	974			57,745	
35	June	2022	\$1,695,782	974			57,745	
36	July	2022	\$1,695,782	974			57,745	
37	August	2022	\$1,695,782	974			57,745	
38	September	2022	\$1,695,782	974			57,745	
39	October	2022	\$1,695,782	974			57,745	
40	November	2022	\$1,695,782	974			57,745	
41	December	2022	\$1,695,782	974			57,745	
42	13-month Average		1,695,782	974	-	-	57,745	-

Notes:

- [A] Taken to Attachment H-11A, page 2, Lines 1-5, Col. 3
- [B] Reference for December balances as would be reported in FERC Form 1.
- [C] Balance excludes Asset Retirements Costs
- [D] Sub-transmission balance from company records
- [E] Transmission amount excludes sub-transmission
- [F] Distribution amount includes sub-transmission

Accumulated Depreciation Calculation

For the 12 months ended 12/31/2022

		[1] Production	[2] Sub-Transmission [D]	[3] Transmission [E]	[4] Distribution [F]	[5] Intangible	[6] General	[7] Common	[8] Total
1	December 2021	1,251,926,248	119,392	207,178,085	696,599,669	30,522,521	56,655,729	-	2,242,882,252
2	January 2022	1,238,665,597	81,396	207,921,999	699,275,375	30,851,841	57,211,969	-	2,233,926,780
3	February 2022	1,242,358,670	39,845	208,665,298	700,950,833	31,183,241	57,767,894	-	2,240,925,935
4	March 2022	1,239,657,590	11,518	209,412,378	703,042,481	31,521,602	58,332,619	-	2,241,966,670
5	April 2022	1,242,522,853	16,458	209,385,608	704,917,681	31,866,820	58,905,584	-	2,247,598,546
6	May 2022	1,246,808,782	31,293	210,331,329	707,167,505	32,212,155	59,462,338	-	2,255,982,110
7	June 2022	1,234,162,928	513	211,331,160	708,851,249	32,558,688	60,009,922	-	2,246,913,947
8	July 2022	1,238,486,467	(125,132)	212,166,222	711,148,301	32,883,528	58,635,262	-	2,253,319,780
9	August 2022	1,242,517,515	(251,301)	211,653,648	712,990,994	33,232,710	59,191,535	-	2,259,586,402
10	September 2022	1,244,555,547	(263,701)	212,219,355	714,921,601	33,609,309	59,763,055	-	2,265,068,867
11	October 2022	1,247,829,402	(257,583)	211,009,052	719,050,218	34,005,169	60,336,043	-	2,272,229,884
12	November 2022	1,247,543,623	(296,206)	212,003,472	721,805,975	34,367,166	60,914,856	-	2,276,635,092
13	December 2022	1,250,689,598	(331,110)	211,892,828	724,355,066	34,581,311	61,166,260	-	2,282,685,064
14	13-month Average [A] [C]	1,243,671,140	(94,201)	210,397,726	709,621,304	32,568,928	59,104,082	-	2,255,363,179

		Production	Transmission	Distribution	Intangible	General	Common	Total
	[B]	219.20-24.c	219.25.c	219.26.c	200.21.c	219.28.c	356.1	
15	December 2021	1,255,160,813	207,298,061	696,480,277	30,522,521	56,675,266	-	2,246,136,937
16	January 2022	1,241,895,384	208,003,979	699,193,979	30,851,841	57,231,616	-	2,237,176,799
17	February 2022	1,245,583,678	208,705,729	700,910,988	31,183,241	57,787,653	-	2,244,171,289
18	March 2022	1,242,877,820	209,424,484	703,030,963	31,521,602	58,352,489	-	2,245,207,358
19	April 2022	1,245,738,305	209,402,655	704,901,224	31,866,820	58,925,566	-	2,250,834,569
20	May 2022	1,250,019,456	210,363,213	707,136,213	32,212,155	59,482,432	-	2,259,213,468
21	June 2022	1,237,368,823	211,332,266	708,850,736	32,558,688	60,030,127	-	2,250,140,640
22	July 2022	1,241,687,583	212,041,684	711,273,433	32,883,528	58,655,579	-	2,256,541,807
23	August 2022	1,245,713,852	211,402,943	713,242,295	33,232,710	59,211,965	-	2,262,803,764
24	September 2022	1,247,747,105	211,956,251	715,185,302	33,609,309	59,783,596	-	2,268,281,564
25	October 2022	1,251,016,180	210,752,068	719,307,802	34,005,169	60,356,695	-	2,275,437,914
26	November 2022	1,250,725,622	211,707,867	722,102,180	34,367,166	60,935,620	-	2,279,838,455
27	December 2022	1,253,866,818	211,562,320	724,686,175	34,581,311	61,187,136	-	2,285,883,761
28	13-month Average	1,246,877,034	210,304,117	709,715,505	32,568,928	59,124,288	-	2,258,589,871

		Reserve for Depreciation of Asset Retirement Costs					
		Production	Transmission	Distribution	Intangible	General	Common
	[B]	Company Records	Company Records	Company Records	Company Records	Company Records	Company Records
29	December 2021	\$3,234,565	583	-	-	19,537	-
30	January 2022	\$3,229,787	585	-	-	19,648	-
31	February 2022	\$3,225,008	586	-	-	19,759	-
32	March 2022	\$3,220,230	588	-	-	19,871	-
33	April 2022	\$3,215,452	589	-	-	19,982	-
34	May 2022	\$3,210,674	591	-	-	20,094	-
35	June 2022	\$3,205,895	593	-	-	20,205	-
36	July 2022	\$3,201,116	594	-	-	20,317	-
37	August 2022	\$3,196,337	596	-	-	20,429	-
38	September 2022	\$3,191,558	597	-	-	20,541	-
39	October 2022	\$3,186,778	599	-	-	20,652	-
40	November 2022	\$3,181,999	601	-	-	20,764	-
41	December 2022	\$3,177,220	602	-	-	20,875	-
42	13-month Average	3,205,894	593	-	-	20,206	-

Notes:

- [A] Taken to Attachment H-11A, page 2, Lines 7-11, Col. 3
- [B] Reference for December balances as would be reported in FERC Form 1.
- [C] Balance excludes reserve for depreciation of asset retirement costs
- [D] Sub-transmission balance from company records
- [E] Transmission amount excludes sub-transmission
- [F] Distribution amount includes sub-transmission

	[1]	[2]	[3]	[4]	[5]	[6]
	ADIT Transmission Total (including Plant & Labor Related Transmission ADITs and applicable transmission adjustments from notes below)					Total
	Acct. No. 281 (enter negative)	Acct. No. 282 (enter negative)	Acct. No. 283 (enter negative)	Acct. No. 190	Acct. No. 255 (enter negative)	
	[B]	[C]	[D]	[E]		
1 December 31 12/31/2022 [A]	-	(104,715,116)	(2,037,578)	23,536,121	-	(83,216,572)
	ADIT Total Transmission-related only, including Plant & Labor Related Transmission ADITs (prior to adjustments from notes below)					Total
2 December 31 12/31/2022 [G]	-	87,745,356	(5,030,534)	23,548,854	-	106,263,675

Notes:

[A] Year-end balance with adjustments for FAS143, FAS106, FAS109, CIACs and normalization to populate Attachment H-11A, page 2, Lines 19-23, col. 3 for accounts 281, 282, 283, 190, and 255, respectively

[B] FERC Account No. 282 is adjusted for the following items.

	FAS 143 - ARO	FAS 106	FAS 109	CIAC	Other: [H]	Normalization [F]
3 12/31/2022			(18,769,018)			1,799,258

[C] FERC Account No. 283 is adjusted for the following items.

	FAS 143 - ARO	FAS 106	FAS 109	CIAC	Other: [H]	Normalization [F]
4 12/31/2022		41,281	(6,875,315)			(234,078)

[D] FERC Account No. 190 is adjusted for the following items.

	FAS 143 - ARO	FAS 106	FAS 109	CIAC	Other: [H]	Normalization [F]
5 12/31/2022		22,180	(3,387,765)	4,148,636		(770,319)

[E] See Attachment H-11A, page 5, note J; 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 (Form 1, 266.8.f).

[F] Sourced from Attachment 5b, page 1, col. O for PTRR & Attachment 5C, page 2, col. O for ATRR

[G] Sourced from Attachment 5a, page 1, Lines 1-5, col. 4

[H] Include any additional adjustments to ADIT items as may be recognized in the future to be proper for PTRR/ATRR calculation purposes.

Summary of Transmission ADIT (Prior to adjusted items)			
Line	2	3	4
	Transmission Ending	End Plant & Labor Related Allocated to Transmission	Total Transmission Ending
	(Note F)	(page 1, Col. K)	(col. 2 + col. 3) (Note E)
1 ADIT- 282 From Account Subtotal Below	87,745,356	-	87,745,356
2 ADIT-283 From Account Subtotal Below	(5,030,534)	-	(5,030,534)
3 ADIT-190 From Account Subtotal Below	23,548,854	-	23,548,854
4 ADIT-281 From Account Subtotal Below	-	-	-
5 ADIT-255 From Account Subtotal Below	-	-	-
Total (sum rows 1-5)	106,263,675	-	106,263,675

Summary of Transmission ADIT (Prior to adjusted items)						
Line	A	B	C	D	E	F
	End Plant Related	End Labor Related	Plant & Labor Subtotal	Gross Plant Allocator	Wages & Salary Allocator	End Plant & Labor Related ADIT
	(Note A)	(Note B)	Col. A + Col. B	(Note C)	(Note D)	(Col. A * Col. D) + (Col. B * Col. E)
1 ADIT- 282 From Account Total Below	-	-	-	9.76%	3.33%	-
2 ADIT-283 From Account Total Below	-	-	-	9.76%	3.33%	-
3 ADIT-190 From Account Total Below	-	-	-	9.76%	3.33%	-
4 ADIT-281 From Account Total Below	-	-	-	9.76%	3.33%	-
5 ADIT-255 From Account Total Below	-	-	-	9.76%	3.33%	-
6 Subtotal	-	-	-	-	-	-

- Notes
A From column F (beginning on page 2)
B From column G (beginning on page 2)
C Refers to Attachment H-11A, page 2, line 6, col. 4
D Refers to Attachment H-11A, page 4, line 16, col. 6
E Total Transmission Ending taken to Attachment 5, line 2
F From column E (beginning on page 2) by account

A

B

C

D

E

F

G

Attachment H -11A, Attachment 5a

page 2 of 6

For the 12 months ended 12/31/2022

ADIT-190	End of Year Balance p234.18.c	Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	JUSTIFICATION
Accrued Taxes	2,282			2,282			
Accum. Prov. For Injuries and Damages	8,379			8,379			
Employee Compensation	94,445			94,445			
FAS 112 - Medical Benefit Accrual	17,372			17,372			
FAS 128R Employee Compensation	12,364			12,364			
Federal Long Term	6,795,031			6,795,031			
Inventory	23,373			23,373			
Pension/OPRB	704,708			704,708			
Post Retirement Benefits FAS 106	22,180			22,180			
Vacation Accrual	21,226			21,226			
Capitalized Interest	2,450,622			2,450,622			
CIAC	4,148,636			4,148,636			
Cost of Removal	12,635,979			12,635,979			
Property FAS 109	(3,387,765)			(3,387,765)			
Subtotal	23,548,854	-	-	23,548,854	-	-	

Instructions for Account 190:

- ADIT items related only to Retail Related Operations are directly assigned to Column C.
- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column D.
- ADIT items related only to Transmission are directly assigned to Column E.
- ADIT items related to Plant and not in Columns C, D & E are directly assigned to Column F.
- ADIT items related to labor and not in Columns C, D, E & F are directly assigned to Column G.
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates. Therefore, if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded.

A	B	C	D	E	F	G	
ADIT- 282	End of Year Balance p275.9.k	Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	JUSTIFICATION
A&G Expenses	5,888,763			5,888,763			
Accelerated Tax Depr	77,033,417			77,033,417			
AFLDC Debt	1,926,954			1,926,954			
Capital Vertical Tree Trimming	6,311,250			6,311,250			
Capitalized Pension	679,792			679,792			
Casualty Loss	156,696			156,696			
FAS123R Items	14,557			14,557			
Highway Relocations	18,623			18,623			
Meters and Transformers	94,752			94,752			
OPEB	(612,816)			(612,816)			
Other Basis Differences	(111,085)			(111,085)			
R&D Cost	27,043			27,043			
Tax Repairs	15,086,426			15,086,426			
Property FAS109	(18,769,018)			(18,769,018)			
Subtotal	87,745,356	-	-	87,745,356	-	-	

Instructions for Account 282:

1. ADIT items related only to Retail Related Operations are directly assigned to Column C.
2. ADIT items related only to Non-Electric Operations (e.g. Gas, Water, Sewer) or Production are directly assigned to Column D.
3. ADIT items related only to Transmission are directly assigned to Column E.
4. ADIT items related to Plant and not in Columns C, D & E are directly assigned to Column F.
5. ADIT items related to labor and not in Columns C, D, E & F are directly assigned to Column G.
6. Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates. Therefore, if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded.

A	B	C	D	E	F	G	
ADIT-283	End of Year Balance p277.19.k	Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	JUSTIFICATION
Deferred Charge-EIB	93,520			93,520			
Service Company Timing	1,105,703			1,105,703			
Pension OPEB	4,435			4,435			
Post Retirement Benefits FAS 106	41,281			41,281			
State Income Tax Deductible	2,873			2,873			
PJM Receivable	(969,293)			(969,293)			
Property FAS109 Gross-up	(5,309,052)			(5,309,052)			
Subtotal	(5,030,534)	-	-	(5,030,534)	-	-	

Instructions for Account 283:

- ADIT items related only to Retail Related Operations are directly assigned to Column C.
- ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column D.
- ADIT items related only to Transmission are directly assigned to Column E.
- ADIT items related to Plant and not in Columns C, D & E are directly assigned to Column F.
- ADIT items related to labor and not in Columns C, D, E & F are directly assigned to Column G.
- Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates. Therefore, if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded.

A	B	C	D	E	F	G	JUSTIFICATION
ADIT-281	End of Year Balance p273.8.k	Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	JUSTIFICATION
Subtotal							

Instructions for Account 281:

1. ADIT items related only to Retail Related Operations are directly assigned to Column C.
2. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column D.
3. ADIT items related only to Transmission are directly assigned to Column E.
4. ADIT items related to Plant and not in Columns C, D & E are directly assigned to Column F.
5. ADIT items related to labor and not in Columns C, D, E & F are directly assigned to Column G.
6. Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates. Therefore, if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded.

A	B	C	D	E	F	G	JUSTIFICATION
ADIT-255	End of Year Balance p267.h	Retail Related	Gas, Prod Or Other Related	Only Transmission Related	Plant Related	Labor Related	JUSTIFICATION
[Redacted Content]							
Subtotal							

Instructions for Account 255:

1. ADIT items related only to Retail Related Operations are directly assigned to Column C.
2. ADIT items related only to Non-Electric Operations (e.g., Gas, Water, Sewer) or Production are directly assigned to Column D.
3. ADIT items related only to Transmission are directly assigned to Column E.
4. ADIT items related to Plant and not in Columns C, D & E are directly assigned to Column F.
5. ADIT items related to labor and not in Columns C, D, E & F are directly assigned to Column G.
6. Deferred income taxes arise when items are included in taxable income in different periods than they are included in rates. Therefore, if the item giving rise to the ADIT is not included in the formula, the associated ADIT amount shall be excluded.

Line		A	B	C	D	E	F	G	H	I
		2022 Quarterly Activity and Balances								
1	PTRR	Beginning 190 (including adjustments)	Q1 Activity	Ending Q1	Q2 Activity	Ending Q2	Q3 Activity	Ending Q3	Q4 Activity	Ending Q4
				0		0		0		0
2	PTRR	Beginning 190 (including adjustments)	Pro-rated Q1		Pro-rated Q2		Pro-rated Q3		Pro-rated Q4	
		0	0		0		0		0	
3	PTRR	Beginning 282 (including adjustments)	Q1 Activity	Ending Q1	Q2 Activity	Ending Q2	Q3 Activity	Ending Q3	Q4 Activity	Ending Q4
				0		0		0		0
4	PTRR	Beginning 282 (including adjustments)	Pro-rated Q1		Pro-rated Q2		Pro-rated Q3		Pro-rated Q4	
		0	0		0		0		0	
5	PTRR	Beginning 283 Including adjustments)	Q1 Activity	Ending Q1	Q2 Activity	Ending Q2	Q3 Activity	Ending Q3	Q4 Activity	Ending Q4
				0		0		0		0
6	PTRR	Beginning 283 Including adjustments)	Pro-rated Q1		Pro-rated Q2		Pro-rated Q3		Pro-rated Q4	
		0	0		0		0		0	

		2022 PTRR						
Line	Account	J	K	L	M	N	O	P
		Attachment 5 - ADIT Summary, Line 2	Page 1, B+D+F+H	Page 1, row 2,4,6 Column A+B+D+F+H	J-L	Attachment 5-ADIT Summary, Lines 3, 4, and 5	M-N	Line 7= J-N-O Lines 8-9= -J+N+O
		Estimated Ending Balance (Before Adjustments)	Projected Activity	Prorated Ending Balance	Prorated - Estimated End (Before Adjustments)	Sum of end ADIT Adjustments	Normalization	Ending ADIT Balance Included in Formula Rate
7	PTRR Total Account 190	23,548,854	0	0	23,548,854	783,051	22,765,802	-
8	PTRR Total Account 282	87,745,356	0	0	87,745,356	(18,769,018)	106,514,374	-
9	PTRR Total Account 283	(5,030,534)	0	0	(5,030,534)	(6,834,034)	1,803,500	-
10	PTRR Total ADIT Subject to Normalization	(59,165,968)	-	-	(59,165,968)	(24,820,001)	131,083,675	-

Notes:
1. Attachment 5b will only be populated within the PTRR

Line		A	B	C	D	E	F	G	H	I
2022 Quarterly Activity and Balances										
		Beginning 190 (including adjustments)	Q1 Activity	Ending Q1	Q2 Activity	Ending Q2	Q3 Activity	Ending Q3	Q4 Activity	Ending Q4
1	PTRR	10,249,021	(102,134)	10,146,887	(74,105)	10,072,782	(450,896)	9,621,886	(373,885)	9,248,001
2	ATRR	21,873,877	37,274	21,911,151	44,756	21,955,908	43,948	21,999,856	765,946	22,765,802
		Beginning 190 (including adjustments)	Pro-rated Q1	Pro-rated Q2	Pro-rated Q3	Pro-rated Q4				
3	PTRR	10,249,021	(77,230)	(37,560)	(114,886)	(1,024)				
4	ATRR	21,873,877	28,185	22,685	11,198	2,098				
		Beginning 282 (including adjustments)	Q1 Activity	Ending Q1	Q2 Activity	Ending Q2	Q3 Activity	Ending Q3	Q4 Activity	Ending Q4
5	PTRR	93,605,777	725,736	94,331,513	746,833	95,078,346	726,682	95,805,028	714,426	96,519,454
6	ATRR	102,610,516	241,706	102,852,222	245,141	103,097,362	425,280	103,522,643	2,991,731	106,514,373
		Beginning 282 (including adjustments)	Pro-rated Q1	Pro-rated Q2	Pro-rated Q3	Pro-rated Q4				
7	PTRR	93,605,777	548,776	378,532	185,155	1,957				
8	ATRR	102,610,516	182,770	124,249	108,359	8,197				
		Beginning 283 (including adjustments)	Q1 Activity	Ending Q1	Q2 Activity	Ending Q2	Q3 Activity	Ending Q3	Q4 Activity	Ending Q4
9	PTRR	5,525,147	(126,919)	5,398,228	(131,422)	5,266,806	(115,861)	5,150,945	(52,122)	5,098,823
10	ATRR	1,205,313	(193,741)	1,011,572	(126,302)	885,269	(203,314)	681,955	(444,719)	237,237
		Beginning 283 (including adjustments)	Pro-rated Q1	Pro-rated Q2	Pro-rated Q3	Pro-rated Q4				
11	PTRR	5,525,147	(95,971)	(66,611)	(29,521)	(143)				
12	ATRR	1,205,313	(146,500)	(64,016)	(51,803)	(1,218)				

		2022 PTRR										
		A	B	C	D	E	F	G				
		Page 1, B+D+F+H		Page 1, row 3,7,11 Column A+B+D+F+H	A-C		D-E	Line 1= A-E-F Lines 2-3= -A+E+F				
Line	Account	Estimated Ending Balance (Before Adjustments)	Projected Activity	Prorated Ending Balance	Prorated - Estimated End (Before Adjustments)	Sum of end ADIT Adjustments	Normalization	Ending ADIT Balance Included in Formula Rate				
1	PTRR Total Account 190	11,449,239	(1,001,020)	10,018,321	1,430,918	2,201,237	(770,319)	10,018,321				
2	PTRR Total Account 282	78,182,149	2,913,677	94,720,196	(16,538,048)	(18,337,305)	1,799,258	(94,720,196)				
3	PTRR Total Account 283	(4,077,451)	(426,324)	5,332,901	(9,410,352)	(9,176,274)	(234,078)	(5,332,901)				
4	PTRR Total ADIT Subject to Normalization	(62,655,459)	(3,488,373)	(90,034,776)	27,379,317	(25,312,342)	794,860	(90,034,776)				
		2022 ATRR										
		H	I	J	K	L	M	N	O	P		
		Attachment 5 - ADIT Summary, Line 2	Page 1, B+D+F+H	Page 1, row 4,8,12 column A+B+D+F+H	H-J	D-K	Attachment 5-ADIT Summary, Lines 3, 4, and 5	E-M	K+L-M-N	Line 5= H-M-O Lines 6-7= -H+M+O		
Line	Account	Actual Ending Balance (Before Adjustments)	Actual Activity	Prorated Ending Balance	Prorated - Actual End (Before Adjustments)	Prorated Activity Not Projected	Sum of end ADIT Adjustments	ADIT Adjustments not projected	Normalization	Ending ADIT Balance Included in Formula Rate		
5	ATRR Total Account 190	23,548,854	891,925	21,938,044	1,610,810	(179,892)	783,051	1,418,186	(770,319)	23,536,121		
6	ATRR Total Account 282	87,745,356	3,903,858	103,034,090	(15,288,735)	(1,249,313)	(18,769,018)	431,713	1,799,258	(104,715,116)		
7	ATRR Total Account 283	(5,030,534)	(968,076)	941,775	(5,972,309)	(3,438,043)	(6,834,034)	(2,342,240)	(234,078)	(2,037,578)		
8	ATRR Total ADIT Subject to Normalization	(59,165,968)	(2,043,857)	(82,037,821)	22,871,854	(4,867,248)	(24,820,001)	(492,341)	794,860	(83,216,572)		

Notes:
1. Attachment 5c will only be populated within the ATRR

1 **Calculation of PBOP Expenses**

	<u>Amount</u>	<u>Source</u>
2		
3 Total FirstEnergy PBOP expenses	-\$15,646,300	FirstEnergy 2019 Actuarial Study
4 Labor dollars (FirstEnergy)	\$2,161,999,525	FirstEnergy 2019 Actual: Company Records
5 cost per labor dollar (line 3 / line 4)	-\$0.0072	
6 labor (labor not capitalized) current year, transmission only	3,606,783	MON POWER Labor: Company Records
7 PBOP Expense for current year (line 5 * line 6)	-\$26,102	
8 PBOP expense in Account 926 for current year, total company	(612,511)	MON POWER Account 926: Company Records
9 W&S Labor Allocator	3.326%	
10 Allocated Transmission PBOP (line 8 * line 9)	(20,370)	
11 PBOP Adjustment for Attachment H-11A, page 3, line 6 (line 7 - line 10)	(5,732)	

12 Lines 3-4 cannot change absent a Section 205 or 206 filing approved or accepted by FERC in a separate proceeding

Taxes Other than Income Calculation

	[A]	12/31/2022
1 Payroll Taxes		
1a FICA	263.i	4,909,817
1b Federal Unemployment Tax	263.i	49,536
1c PA State Unemployment Tax	263.i	385
1d WV Unemployment Tax	263.i	151,300
1z	Payroll Taxes Total	5,111,038
2 Highway and Vehicle Taxes		
2a Federal Heavy Vehicle Use	263.i	(509)
2b Motor Fuel Tax	263.i	449
2z	Highway and Vehicle Taxes	(60)
3 Property Taxes		
3a OH Property Tax	263.i	479
3b PA Property	263.i	5,123
3c WV Local Property Tax	263.i	24,586,473
3z	Property Taxes	24,592,075
4 Gross Receipts and Taxes Non-Functionalized to Transmission		
Gross Receipts		
4a Gross Receipts Tax	263.i	\$8,075,399.00
Taxes Non-Functionalized to Transmission [B]		
4b Business & Occupation Tax WV	263.i	13,107,886
4c	263.i	
4z	Gross Receipts and Taxes Non-Functionalized to Transmission	21,183,285
5 Other Taxes		
5a Sales & Use Tax	263.i	(4,137)
5b Federal Excise Tax	263.i	15,140
5c Other Taxes	263.i	3,805
5z	Other Taxes	14,808
6z	Payments in lieu of taxes	
7	Total other than income taxes (sum lines 1z, 2z, 3z, 4z, 5z, 6z)	
		\$50,901,146.00
		[tie to 114.14c]

Notes:

[A] Reference for December balances as would be reported in FERC Form 1.

[B] Includes items that are not functionalized to transmission

Capital Structure Calculation

		[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
		Proprietary Capital	AGC Investment Equity Adj [B]	Preferred Stock	Account 216.1	Account 216.1 Renaissance Adj [C]	Account 219	Goodwill	Common Stock	Long Term Debt
	[A]	112.16.c	Company Records	112.3.c	112.12.c	Company Records	112.15.c	233.5.f	(1) - (2) - (3) - (4) - (5) - (6) - (7)	112.18-21.c
1	December 2021	1,366,626,322	41,570,219		163,003,414	(156,373,161)	(327,442)		1,318,753,292	1,650,000,000
2	January 2022	1,384,096,128	42,167,546		163,003,414	(156,373,161)	(320,531)		1,335,618,859	1,650,000,000
3	February 2022	1,396,786,768	42,779,401		163,003,414	(156,373,161)	(317,166)		1,347,694,279	1,650,000,000
4	March 2022	1,402,653,417	41,570,219		170,520,596	(161,979,452)	(312,029)		1,352,854,083	1,650,000,000
5	April 2022	1,409,805,555	42,222,314		170,520,596	(161,979,452)	(306,891)		1,359,348,988	1,650,000,000
6	May 2022	1,417,068,847	42,899,055		170,520,596	(161,979,452)	(301,753)		1,365,930,401	1,650,000,000
7	June 2022	1,422,043,859	41,570,219		176,971,940	(166,470,291)	(296,616)		1,370,268,606	1,650,000,000
8	July 2022	1,585,235,396	42,248,836		176,971,940	(166,470,291)	(291,478)		1,532,776,389	1,650,000,000
9	August 2022	1,597,025,263	43,952,237		176,971,940	(166,470,291)	(286,340)		1,542,857,717	1,650,000,000
10	September 2022	1,602,405,164	42,532,599		181,197,684	(172,137,626)	(281,203)		1,551,093,710	1,650,000,000
11	October 2022	1,601,800,941	43,255,314		181,197,684	(172,137,626)	(276,065)		1,549,761,635	1,650,000,000
12	November 2022	1,610,323,092	43,913,281		181,197,684	(172,137,626)	(270,927)		1,557,620,681	1,650,000,000
13	December 2022	1,610,502,672	42,532,599		186,441,924	(178,079,348)	(264,243)		1,559,871,739	1,650,000,000
14	13-month Average	1,492,797,956	42,554,911	-	173,963,294	(165,304,688)	(296,360)	-	1,441,880,798	1,650,000,000

Notes:

[A] Reference for December balances as would be reported in FERC Form 1.

[B] AGC's capital structure adjustment per FERC Docket No. ER84-504-000

[C] Renaissance issued securitized debt in 2007 and the proceeds were distributed up to Mon Power in the form of a dividend. The balance in account 216.1 related to Renaissance does not require exclusion as there is an offsetting amount in account 216 and therefore no impact on total equity.

Stated Value Inputs

Formula Rate Protocols
Section VIII.A

1. Rate of Return on Common Equity ("ROE")

SFC's ROE is set to: 10.45%

2. Postretirement Benefits Other Than Pension ("PBOP")

"sometimes referred to as Other Post-Employment Benefits, or "OPEB"

Total FirstEnergy PBOP expenses	-\$15,646,300
Labor dollars (FirstEnergy)	\$2,161,999,525
cost per labor dollar	-\$0.0072

3. Depreciation Rates (1)

FERC Account		MP-Depr % (WV)
350.2	Land and Land Rights - Easements	
352	Structure and Improvements	2.40%
353.1	Station Equipment - Other	1.94%
353.4	Station Equipment - SCADA	9.50%
354	Towers and Fixtures	1.42%
355	Poles and Fixtures	2.31%
356.1	Overhead Conductors & Devices - Other	2.70%
356.2	Overhead Conductors & Devices - Clearing	0.95%
390.1	Structure and Improvements - Owned	
	Clarksburg Service Center	5.55%
	Elkins Service Center	3.76%
	Fairlea WVP	1.56%
	Fairmont Corp. Ctr. - Garage	7.82%
	Fairmont Corporate Center	8.83%
	Fairmont Tech Service	7.39%
	Fairmont Training Center	6.18%
	Franklin Service Center	4.07%
	Gassaway Service Center	4.28%
	Glenville Service Center	3.97%
	Harrisville Service Center	2.80%
	Hinton WVP	4.89%
	Kingwood Service Center	7.73%
	Marlington Service Center	6.95%
	Morgantown Service Center	5.64%
	Parkersburg Service Center	3.80%
	Parkersburg - Robinson Bldg	3.06%
	Sisterville Service Center	4.69%
	Spencer Service Center	6.38%
	Sutton	0.00%
	Weirton Service Center	4.09%
	Weston-Buckannon Serv. Ctr.	4.87%
	White Happ Service Center	6.16%
	Other	0.00%
390.2	Structure and Improvements - Leased	
	Fairlea	0.00%
	Kingwood Service Center	0.00%
	Morgantown	0.80%
	Parkersburg	0.40%
	Robinson Building	3.64%
	Summersville	6.46%
	Webster	0.61%
	Weirton	0.00%
391.1	Office Furniture & Equipment - Furniture & Fixtures	4.19%
391.2	Office Furniture & Equipment - Information Systems	10.91%
391.3	Office Furniture & Equipment - Data Handling	5.03%
391.4	Personal Computers	10.91%
392.1	Transportation Equipment - Autos	11.43%
392.2	Transportation Equipment - Light Trucks	6.96%
392.3	Transportation Equipment - Medium and Heavy Trucks	1.12%
392.4	Transportation Equipment - Trailers	4.44%
392.5	Earth Moving Equipment	N/A
392.6	Transportation Equipment - ATV	5.33%
393	Storage equipment	5.34%
394	Tools, shop and garage equipment	3.84%
395	Laboratory equipment	3.23%
396	Power operated equipment	4.17%
397	Communication equipment	6.88%
398	Miscellaneous equipment	4.89%

Note: (1) Account 303 amortization period is 7 years. Depreciation/amortization rates listed as agreed to as part of the settlement of Docket No. ER21-253 for transmission formula rate purposes.

Debt Cost Calculation

TABLE 1: Summary Cost of Long Term Debt

CALCULATION OF COST OF DEBT											
YEAR ENDED		12/31/2022									
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
Long Term Debt Cost at Year Ended:	t=N	Issue Date	Maturity Date	ORIGINAL ISSUANCE (table 2, col. cc)	Net Proceeds At Issuance (table 2, col. qq)	Net Amount Outstanding at t=N	Months Outstanding at t=N	Average Net Outstanding in "Year" z* (col e. * col. F)/12)	Weighted Outstanding Ratios (col. q/col. q total)	Effective Cost Rate (Table 2, Col. kk)	Weighted Debt Cost at t = N (h) * (i)
First Mortgage Bonds:											
(1) 4.10%, Senior Unsecured Note	11/27/2013	4/15/2024	\$ 400,000,000	\$ 396,293,412	\$ 399,539,609	12	\$ 399,539,609.93	24.18%	4.21%	1.02%	
(2) 5.40%, Senior Unsecured Note	11/27/2013	12/15/2043	\$ 600,000,000	\$ 592,832,162	\$ 594,974,645	12	\$ 594,974,645.39	36.00%	5.48%	1.97%	
(3) 3.55%, Senior Unsecured Note	5/16/2017	5/15/2027	\$ 250,000,000	\$ 247,368,784	\$ 248,849,789	12	\$ 248,849,788.90	15.06%	3.68%	0.55%	
(4) 3.23%, Senior Unsecured Note	11/14/2019	11/15/2029	\$ 155,000,000	\$ 154,413,237	\$ 154,596,781	12	\$ 154,596,781.09	9.35%	3.27%	0.31%	
(5) 3.93%, Senior Unsecured Note	11/14/2019	11/15/2049	\$ 45,000,000	\$ 44,413,237	\$ 44,474,435	12	\$ 44,474,435.11	2.89%	4.01%	0.11%	
(6) 3.55%, Senior Unsecured Note	4/9/2021	5/15/2027	\$ 200,000,000	\$ 214,302,219	\$ 210,249,817	12	\$ 210,249,816.58	12.72%	2.29%	0.23%	
			\$ 1,650,000,000	\$ 1,652,685,076	\$ 1,652,685,076		\$ 1,652,685,076	100.000%		4.25%**	

t = time
The current portion of long term debt is included in the Net Amount Outstanding at t = N in these calculations.
The outstanding amount (column (e)) for debt retired during the year is the outstanding amount at the last month it was outstanding.
* z = Average of monthly balances for months outstanding during the year (average of the balances for the 12 months of the year, with zero in months that the issuance is not outstanding in a month).
Interim (individual debenture) debt cost calculations shall be taken to four decimals in percentages (7.2300%, 6.2562%). Final Total Weighted Average Debt Cost for the Formula Rate shall be rounded to two decimals of a percent (7.03%).
** This Total Weighted Average Debt Cost will be shown on page 4, line 21, column 5 of formula rate Attachment H-11A.

TABLE 2: Effective Cost Rates For Traditional Front-Loaded Debt Issuances:

YEAR ENDED		12/31/2022										
Long Term Debt Issuances	Affiliate	(aa)	(bb)	(cc)	(dd)	(ee)	(ff)	(gg)	(hh)	(ii)	(jj)	(kk)
		Issue Date	Maturity Date	Amount Issued	(Discount) Premium at Issuance	Issuance Expense	Loss/Gain on Recaptured Debt	Net Proceeds (col. cc + col. dd - col. ee - col. ff)	Net Proceeds Ratio (col. gg/col. cc)*100)	Coupon Rate	Annual Interest (col. cc * col. ii)	Effective Cost Rate* (Yield to Maturity at Issuance, t = 0)
(1) 4.10%, Senior Unsecured Note		11/27/2013	4/15/2024	\$ 400,000,000	\$ (456,000)	\$ 3,250,588	-	\$ 396,293,412	99.0734	0.0410	\$ 16,400,000	4.21%
(2) 5.40%, Senior Unsecured Note		11/27/2013	12/15/2043	\$ 600,000,000	\$ (1,086,000)	\$ 6,081,838	-	\$ 592,832,162	98.8054	0.0540	\$ 32,400,000	5.48%
(3) 3.55%, Senior Unsecured Note		5/16/2017	5/15/2027	\$ 250,000,000	\$ (105,000)	\$ 2,526,216	-	\$ 247,368,784	98.9475	0.0355	\$ 8,875,000	3.68%
(4) 3.23%, Senior Unsecured Note		11/14/2019	11/15/2029	\$ 155,000,000		\$ 586,763	-	\$ 154,413,237	99.6214	0.0323	\$ 5,006,500	3.27%
(5) 3.93%, Senior Unsecured Note		11/14/2019	11/15/2049	\$ 45,000,000		\$ 586,763	-	\$ 44,413,237	98.6961	0.0393	\$ 1,768,500	4.01%
(6) 3.55%, Senior Unsecured Note		4/9/2021	5/15/2027	\$ 200,000,000	\$ 16,358,000	\$ 2,055,781	-	\$ 214,302,219	107.1511	0.0355	\$ 7,100,000	2.29%
TOTALS:				\$ 1,650,000,000	\$ 14,711,000	\$ 15,087,949	-	\$ 1,649,623,051			\$ 71,550,000	

* YTM at issuance calculated from an acceptable bond table or from YTM = Internal Rate of Return (IRR) calculation
Effective Cost Rate of Individual Debenture (YTM at issuance): the t=0 Cashflow C₀ equals Net Proceeds column (gg); Semi-annual (or other) interest cashflows (C₁, C₂, etc.).

Transmission Enhancement Charge (TEC) Worksheet
To be completed in conjunction with Attachment H-11A

Line No.	(1)	(2) Reference	(3) Transmission	(4) Allocator
1	Gross Transmission Plant - Total	Attach. H-11A, p. 2, line 2, col. 5 (Row A)	\$ 574,878,987	
2	Net Transmission Plant - Total	Attach. H-11A, p. 2, line 14, col. 5 (Row B)	\$ 373,020,071	
QAM EXPENSE				
3	Total QAM Allocated to Transmission	Attach. H-11A, p. 3, line 9, col. 5 (line 3 divided by line 1, col. 3)	\$ 7,470,603	1.29509%
4	Annual Allocation Factor for QAM			
GENERAL, INTANGIBLE, AND COMMON (G, I, & C) DEPRECIATION EXPENSE				
5	Total G, I, & C depreciation expense	Attach. H-11A, p. 3, lines 11 & 13, col. 5 (line 5 divided by line 1, col. 3)	\$ 371,886	0.064889%
6	Annual Allocation Factor for G, I, & C depreciation expense			
TAXES OTHER THAN INCOME TAXES				
7	Total Other Taxes	Attach. H-11A, p. 3, line 22, col. 5 (line 7 divided by line 1, col. 3)	\$ 2,570,586	0.447153%
8	Annual Allocation Factor for Other Taxes			
9	Annual Allocation Factor for Expense	Sum of line 4, 6, & 8		1.811351%
INCOME TAXES				
10	Total Income Taxes	Attach. H-11A, p. 3, line 33, col. 5 (line 10 divided by line 2, col. 3)	\$ 4,731,586	1.268453%
11	Annual Allocation Factor for Income Taxes			
RETURN				
12	Return on Rate Base	Attach. H-11A, p. 3, line 34, col. 5 (line 12 divided by line 2, col. 3)	\$ 20,932,148	5.611534%
13	Annual Allocation Factor for Return on Rate Base			
14	Annual Allocation Factor for Return	Sum of line 11 and 13		6.879987%

Transmission Enhancement Charge (TEC) Worksheet
 To be completed in conjunction with Attachment H-11A

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
Line No.	Project Name	RTEP Project Number	Project Gross Plant	Annual Allocation Factor for Expense	Annual Expense Charge	Project Net Plant	Annual Allocation Factor for Return	Annual Return Charge	Project Depreciation Expense	Annual Revenue Requirement	RCE Basis Plus Adder for Incentive Projects	Additional Incentive Annual Allocation Factor for Return (Note F)	Total Annual Revenue Requirement	True-up Adjustment	Net Revenue Requirement with True-up
			(Note C & D)	(Page 1, line 9)	(Col. 5 - Col. 4)	(Note D & H)	(Page 1, line 12)	(Col. 8 - Col. 7)	(Note E)	(Sum Col. 5, 8, & 9)	(Note F)	(Page 2 Col. 6 - (Attachment H-11A, Page 4, line 29) (Page 2, Col. 11/100))	(Sum Col. 10 & 12)	(Note G)	(Sum Col. 13 & 14)
1a	Relocate Fort Martin 500 KV transformer (FLY) Terminate the Powell Mountain and Goff Run lines into the new Chocoma Substation and perform any associated new upgrades or modifications required at Powell Mountain and Goff run to accommodate new substation	10577	\$ 701,310	1.811351%	\$12,703	\$ 531,633	6.879987%	\$36,576	\$ 13,805	\$62,885			0	\$62,885	\$62,885
1b	Relocate Fort Martin 500 KV transformer (FLY) Terminate the Powell Mountain and Goff Run lines into the new Chocoma Substation and perform any associated new upgrades or modifications required at Powell Mountain and Goff run to accommodate new substation	12609.5	\$ -	1.811351%	\$0	\$ -	6.879987%	\$0	\$ -	\$0			0	\$0	\$0
3	Transmission Enhancement Credit taken to Attachment H-11A, Page 1, Line 7, Col. 3												\$0.00	\$62,885	
4	Additional TEC Incentive Revenue taken to Attachment H-11A, Page 3, Line 37, Col. 3												\$0.00	\$62,885	

Notes:
 A. Gross Transmission Plant is that identified on page 2, line 2 of Attachment H-11A.
 B. Net Transmission Plant is that identified on page 2, line 14 of Attachment H-11A.
 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 above. This value includes subsequent capital investments required to maintain the project in-service.
 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 H-11A, page 3, line 10.
 F. Enter Commission approved project specific RCE incentive basis points adder, which is a scaled factor against a 100 to derive the approved percentage adder.
 G. True-up adjustment is calculated on the project true-up schedule, attachment 12 column 4. Enter values in Col. 14 as negative.
 H. Based on a 13-month average.

TEC Worksheet Support
Net Plant Detail

Line No.	Project Name	RTEP Project Number	Project Gross Plant														
				(Note A)	(Note D)												
1a	Replace Fort Martin 500 kV breaker 'FL-1'	b0577	\$ 701,310	\$ 701,310	\$ 701,310	\$ 701,310	\$ 701,310	\$ 701,310	\$ 701,310	\$ 701,310	\$ 701,310	\$ 701,310	\$ 701,310	\$ 701,310	\$ 701,310	\$ 701,310	\$ 701,310
1b	Terminate the Powell Mountain and Goff Run lines into the new Chloee substation and perform any associated relay upgrades or modifications required at Powell Mountain and Goff run to accommodate new substation	b2609.5	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

NOTE [A Project Gross Plant is the total capital investment for the project, including subsequent capital investments required to maintain the project in-service. Utilizes a 13-month average.

[D] Company records

TEC Worksheet Support
Net Plant Detail

Attachment H -11A, Attachment 11a
page 2 of 2
For the 12 months ended 12/31/2022

Accumulated Depreciation	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Project Net Plant
(Note B)	(Note D)	(Note B & C)												
\$ 169,677	\$ 162,874	\$ 164,008	\$ 165,142	\$ 166,276	\$ 167,410	\$ 168,543	\$ 169,677	\$ 170,811	\$ 171,945	\$ 173,079	\$ 174,212	\$ 175,346	\$ 176,480	\$531,633
\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0

NOTE

[B] Utilizing a 13-month average.

[C] Taken to Attachment 11, Page 2, Col. 6

[D] Company records

TEC - True-up

To be completed after Attachment 11 for the True-up Year is updated using actual data

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
Line No.	Project Name	RTEP Project Number	Actual Revenues for Attachment 11	Projected Annual Revenue Requirement	% of Total Revenue Requirement	Revenue Received	Actual Annual Revenue Requirement	True-up Adjustment Principal Over/(Under)	Applicable Interest Rate on Over/(Under)	Total True-up Adjustment with Interest Over/(Under)
			Attachment 13b line 26, col E	Projected Attachment 11 p 2 of 2, col. 15	Col d, line 2 / Col. d, line 3	Col c, line 1 * Col e	Actual Attachment 11 p 2 of 2, col. 15	Col. f - Col. g	Col. h line 2x / Col. h line 3 * Col. j line 4	Col. h + Col. i
1	[A] Actual RTEP Credit Revenues for true-up year		364,131							
1a	Replace Fort Martin 500 kV breaker 'FL-1' Terminate the Powell Mountain and Goff Run lines into the new Chloe substation and perform any associated relay upgrades or modifications required at Powell Mountain and Goff run to accommodate new substation	b0577		39,160.73	0.11	39,781.49	62,884.88	(23,103.38)	(1,563.71)	(24,667.10)
1b		b2609.5		319,288.70	0.89	324,349.95	-	324,349.95	21,953.09	346,303.03
3	Subtotal			358,449.44			62,884.88	301,246.56		321,635.94
4	Total Interest (Sourced from Attachment 13a, line 46)									20,389.37

NOTE

[A] Amount included in revenues reported on pages 328-330 of FERC Form 1.

NITS Revenue Requirement True-up with Interest

Reconciliation Revenue Requirement For Year 2022 Available June 15, 2023 Note [b] \$47,014,695	-	2022 Revenue Requirement Collected by PJM Based on Forecast filed on Oct 31, 2021 Note [b] \$57,871,165	=	True-up Adjustment - Over (Under) Recovery \$10,856,471
----------------------------------------------------------------------------------------------------------------	---	-------------------------------------------------------------------------------------------------------------------------	---	----------------------------------------------------------------

An over or under collection will be recovered prorata over 2022, held for 2023 and returned prorata over 2024

Line	(A) Month	(B) 20-Months Average Interest Rate (a)	(C) Monthly	(D) True-Up Adj.	(E) Interest	(F) Compounding
1	Jan-22	0.0027	0.0027	0.0833	0.0002	-
2	Feb-22	0.0027	0.0027	0.1667	0.0005	-
3	Mar-22	0.0027	0.0027	0.2500	0.0007	0.0014
4	Apr-22	0.0027	0.0027	0.3347	0.0009	-
5	May-22	0.0027	0.0027	0.4180	0.0011	-
6	Jun-22	0.0027	0.0027	0.5014	0.0014	0.0034
7	Jul-22	0.0027	0.0027	0.5881	0.0016	-
8	Aug-22	0.0027	0.0027	0.6715	0.0018	-
9	Sep-22	0.0027	0.0027	0.7548	0.0021	0.0055
10	Oct-22	0.0027	0.0027	0.8437	0.0023	-
11	Nov-22	0.0027	0.0027	0.9270	0.0025	-
12	Dec-22	0.0027	0.0027	1.0103	0.0028	0.0076
13			Year 1 True-Up Adjustment + Interest	1.0179		
14	Jan-23	0.0027	0.0027	1.0179	0.0028	-
15	Feb-23	0.0027	0.0027	1.0179	0.0028	-
16	Mar-23	0.0027	0.0027	1.0179	0.0028	0.0084
17	Apr-23	0.0027	0.0027	1.0263	0.0028	-
18	May-23	0.0027	0.0027	1.0263	0.0028	-
19	Jun-23	0.0027	0.0027	1.0263	0.0028	0.0084
20	Jul-23	0.0027	0.0027	1.0347	0.0028	-
21	Aug-23	0.0027	0.0027	1.0347	0.0028	-
22	Sep-23	0.0027	0.0027	1.0347	0.0028	0.0085
23	Oct-23	0.0027	0.0027	1.0433	0.0029	-
24	Nov-23	0.0027	0.0027	1.0433	0.0029	-
25	Dec-23	0.0027	0.0027	1.0433	0.0029	0.0086
26			Year 2 True-Up Adjustment + Interest	1.0518		
27			Principle Amortization	0.08765		
28			Interest Amortization	0.00132	(Found using Excel Solver/Goal Seek/or equivalent) Note [c]	
29			Year 3 Monthly Amortization	0.0890		
30	Jan-24	0.0027	0.0027	0.9629	0.0026	-
31	Feb-24	0.0027	0.0027	0.8739	0.0024	-
32	Mar-24	0.0027	0.0027	0.7849	0.0022	0.0072
33	Apr-24	0.0027	0.0027	0.7031	0.0019	-
34	May-24	0.0027	0.0027	0.6141	0.0017	-
35	Jun-24	0.0027	0.0027	0.5252	0.0014	0.0050
36	Jul-24	0.0027	0.0027	0.4412	0.0012	-
37	Aug-24	0.0027	0.0027	0.3523	0.0010	-
38	Sep-24	0.0027	0.0027	0.2633	0.0007	0.0029
39	Oct-24	0.0027	0.0027	0.1772	0.0005	-
40	Nov-24	0.0027	0.0027	0.0882	0.0002	-
41	Dec-24	0.0027	0.0027	(0.0007)	(0.0000)	0.0007
42			Year 3 True-Up Adjustment + Interest	0.0000		
43			Total Amount Refunded/Surcharged	1.0677		
44			True-Up Before Interest	1.0000		
45			Interest Refunded/Surcharged	0.0677		
46	Base Over (Under) Recovery			\$10,856,471		
47	Interest			\$734,802		
48	Total Over (Under) Recovery plus True-Up with Interest			\$11,591,273		

[a] Interest on any True-up shall be based on the interest rate equal to the interest rate determined by 18 C.F.R. § 35.19a and published on the FERC website. Interest rates will be used to calculate the time value of money for the period that the True-up exists. The interest rate to be applied to the True-up will be determined using the average rate for the twenty (20) months preceding September 1 of the current year. Interest on refunds and surcharges shall be compounded on a quarterly basis.

[b] The ATRR is used to compare against the billed revenue in the true-up calculation. This calculation excludes prior year true-up amounts.

[c] The goal is to determine the value to input in Col. (D), Line 28 such that the value in Col. (D), line 41 becomes zero. For example, using Excel's Goal Seek function, the goal would be to set Excel cell G64 to 0 by changing only Excel cell G48.

TEC Revenue Requirement True-up with Interest

Reconciliation Revenue Requirement For Year 2022 Available June 15, 2023 Note [b] \$62,885	-	2022 Revenue Requirement Collected by PJM Based on Forecast filed on Oct 31, 2021 Note [b] \$364,131	=	True-up Adjustment - Over (Under) Recovery \$301,247
------------------------------------------------------------------------------------------------------------	---	----------------------------------------------------------------------------------------------------------------------	---	-------------------------------------------------------------

An over or under collection will be recovered prorata over 2022, held for 2023 and returned prorata over 2024

Line	(A) Month	(B) 20-Months Average Interest Rate (a)	(C) Monthly	(D) True-Up Adj.	(E) Interest	(F) Compounding
1	Jan-22	0.0027	0.0027	0.0833	0.0002	-
2	Feb-22	0.0027	0.0027	0.1667	0.0005	-
3	Mar-22	0.0027	0.0027	0.2500	0.0007	0.0014
4	Apr-22	0.0027	0.0027	0.3347	0.0009	-
5	May-22	0.0027	0.0027	0.4180	0.0011	-
6	Jun-22	0.0027	0.0027	0.5014	0.0014	0.0034
7	Jul-22	0.0027	0.0027	0.5881	0.0016	-
8	Aug-22	0.0027	0.0027	0.6715	0.0018	-
9	Sep-22	0.0027	0.0027	0.7548	0.0021	0.0055
10	Oct-22	0.0027	0.0027	0.8437	0.0023	-
11	Nov-22	0.0027	0.0027	0.9270	0.0025	-
12	Dec-22	0.0027	0.0027	1.0103	0.0028	0.0076
13			Year 1 True-Up Adjustment + Interest	1.0179		
14	Jan-23	0.0027	0.0027	1.0179	0.0028	-
15	Feb-23	0.0027	0.0027	1.0179	0.0028	-
16	Mar-23	0.0027	0.0027	1.0179	0.0028	0.0084
17	Apr-23	0.0027	0.0027	1.0263	0.0028	-
18	May-23	0.0027	0.0027	1.0263	0.0028	-
19	Jun-23	0.0027	0.0027	1.0263	0.0028	0.0084
20	Jul-23	0.0027	0.0027	1.0347	0.0028	-
21	Aug-23	0.0027	0.0027	1.0347	0.0028	-
22	Sep-23	0.0027	0.0027	1.0347	0.0028	0.0085
23	Oct-23	0.0027	0.0027	1.0433	0.0029	-
24	Nov-23	0.0027	0.0027	1.0433	0.0029	-
25	Dec-23	0.0027	0.0027	1.0433	0.0029	0.0086
26			Year 2 True-Up Adjustment + Interest	1.0518		
27			Principle Amortization	0.08765		
28			Interest Amortization	0.00132	(Found using Excel Solver/Goal Seek/or equivalent) Note [c]	
29			Year 3 Monthly Amortization	0.0890		
30	Jan-24	0.0027	0.0027	0.9629	0.0026	-
31	Feb-24	0.0027	0.0027	0.8739	0.0024	-
32	Mar-24	0.0027	0.0027	0.7849	0.0022	0.0072
33	Apr-24	0.0027	0.0027	0.7031	0.0019	-
34	May-24	0.0027	0.0027	0.6141	0.0017	-
35	Jun-24	0.0027	0.0027	0.5252	0.0014	0.0050
36	Jul-24	0.0027	0.0027	0.4412	0.0012	-
37	Aug-24	0.0027	0.0027	0.3523	0.0010	-
38	Sep-24	0.0027	0.0027	0.2633	0.0007	0.0029
39	Oct-24	0.0027	0.0027	0.1772	0.0005	-
40	Nov-24	0.0027	0.0027	0.0882	0.0002	-
41	Dec-24	0.0027	0.0027	(0.0007)	(0.0000)	0.0007
42			Year 3 True-Up Adjustment + Interest	0.0000		
43			Total Amount Refunded/Surcharged	1.0677		
44			True-Up Before Interest	1.0000		
45			Interest Refunded/Surcharged	0.0677		
46	Base Over (Under) Recovery			\$301,247		
47	Interest			\$20,389		
48	Total Over (Under) Recovery plus True-Up with Interest			\$321,636		

[a] Interest on any True-up shall be based on the interest rate equal to the interest rate determined by 18 C.F.R. § 35.19a and published on the FERC website. Interest rates will be used to calculate the time value of money for the period that the True-up exists. The interest rate to be applied to the True-up will be determined using the average rate for the twenty (20) months preceding September 1 of the current year. Interest on refunds and surcharges shall be compounded on a quarterly basis.

[b] The ATRR is used to compare against the billed revenue in the true-up calculation. This calculation excludes prior year true-up amounts.

[c] The goal is to determine the value to input in Col. (D), Line 28 such that the value in Col. (D), line 41 becomes zero. For example, using Excel's Goal Seek function, the goal would be to set Excel cell G64 to 0 by changing only Excel cell G48.

Line	(A) Month	(B) PJM Bill NITS Charge Code (A)	-	(C) True-up (B)	-	(D) Other (C)	=	(E) Total
1	January	4,960,389						4,960,389
2	February	4,480,351						4,480,351
3	March	4,960,389						4,960,389
4	April	4,800,377						4,800,377
5	May	4,960,389						4,960,389
6	June	4,800,376						4,800,376
7	July	4,960,388						4,960,388
8	August	4,960,388						4,960,388
9	September	4,800,376						4,800,376
10	October	4,960,389						4,960,389
11	November	4,800,376						4,800,376
12	December	4,960,388						4,960,388
13	Total	58,404,575		-		533,410		57,871,165

Month	(B) PJM Bill TEC Charge Code (A)	-	(C) True-up (B)	-	(D) Other (C)	=	(E) Total
14	January	29,871					29,871
15	February	29,871					29,871
16	March	29,871					29,871
17	April	29,871					29,871
18	May	29,871					29,871
19	June	29,871					29,871
20	July	29,871					29,871
21	August	29,871					29,871
22	September	29,871					29,871
23	October	29,871					29,871
24	November	29,871					29,871
25	December	29,871					29,871
26	Total	358,449				(5,682)	364,131

Notes

(A) Amounts represent a subset of the total PJM bill for the entire AP Zone

(B) The PJM NITS & TEC charges will include a true-up for the (over)/under recovery from a prior rate period. The total without true-up for NITS and TEC will be taken to Attachment 12 and Attachment 13 respectively.

(C) Any charges shall be entered as positives and refunds shall be entered as negatives. Includes any necessary prior period adjustments including those identified through the discovery or challenge procedures, as defined within the protocols.

Other Rate Base Items

Ln.	Text Description (B)	(A)	(B)	Other Rate Base Items												(O)	(P)
				(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)		
				2021	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022
			Allocator utilized (F)	December 31	January 31	February 28/29	March 31	April 30	May 31	June 30	July 31	August 31	September 30	October 31	November 30	December 31	Average (Q)
1	Prepayments - FERC Account No. 166 (d) (a)																
1.01	Prepayments		GP	110,619	109,802	98,805	89,586	81,339	70,819	49,222	293,157	217,563	187,210	270,978	238,259	230,134	153,807
1.02	Sum of Lines 1.01 through 1.02			102,619	109,802	98,805	89,586	81,339	70,819	49,222	293,157	217,563	187,210	270,978	238,259	230,134	153,807
2	FERC Form No. 1, p.111.57.c & d																
3	Materials & Supplies - FERC Account No. 154																
	FERC Form No. 1 p.227.b.c & 16.c																
4	Land held for Future Use - FERC Account No. 105																
	FERC Form No. 1 p.214.a.d																
5	Unfunded Reserve																
6	FERC Account No. 228.1 (d)																
6.01	Accumulated Provision for injuries and damages		W/S	-	(797)	865	(665)	(665)	(732)	(2,727)	(8,214)	(4,224)	(67)	(1,064)	(67)	(67)	(1,532)
6.02	Accumulated Provision for workers compensation		W/S	(17,817)	(17,817)	(17,817)	(13,946)	(13,946)	(13,946)	(13,946)	(11,915)	(11,915)	(10,101)	(10,101)	(10,101)	(12,589)	(13,176)
7	Sum of Lines 6.01 through 6.02			(17,817)	(18,614)	(17,012)	(14,611)	(14,611)	(14,611)	(14,611)	(12,649)	(12,649)	(10,168)	(11,166)	(10,168)	(12,656)	(14,908)
8	FERC Account No. 228.2 (d)																
8.01																	
8.02																	
9	Sum of Lines 8.01 through 8.02																
10	FERC Account No. 228.3 (d)																
10.01																	
10.02																	
11	Sum of Lines 10.01 through 10.02																
12	FERC Account No. 228.4 (d)																
12.01																	
12.02																	
13	Sum of Lines 12.01 through 12.02																
14	FERC Account No. 242 (d)																
14.01	Misc current and accrued liability - ems incentive como award		W/S	(363,440)	(404,193)	(44,987)	(48,059)	(70,552)	(93,046)	(138,819)	(161,956)	(185,092)	(182,906)	(203,229)	(223,552)	(264,739)	(183,428)
14.02	Sum of Lines 14.01 through 14.02			(363,440)	(404,193)	(44,987)	(48,059)	(70,552)	(93,046)	(138,819)	(161,956)	(185,092)	(182,906)	(203,229)	(223,552)	(264,739)	(183,428)
15	Other Reserves (d)																
16.01																	
16.02																	
17	Sum of Lines 16.01 through 16.02																
18	(c) Total Unfunded Reserve (Line 7 + Line 9 + Line 11 + Line 15 + Line 17)																(218,337)

Notes
 (a) Average calculated as [Sum of Columns (C) through (O)] ÷ 13
 (b) Balances in Col. (B) could be added or removed without a FPA Section 305 filing
 (c) Included as a credit to rate base on Attachment H-11A, case 2, line 24. Enter credit balances as negatives
 (d) Line items listed are either partially or wholly allocated to transmission and monthly amounts include transmission-related balances only
 (e) Prepayments shall exclude prepayments of income taxes
 (f) Allocator utilized are TC, TP, GP, WS, or EXCL. Any line item allocated by "EXCL" will only show year-end balances

Excess and Deficient ADIT
Income Tax Adjustments Worksheet

COLUMN A		COLUMN B	COLUMN C	COLUMN D	COLUMN E	COLUMN F	COLUMN G	COLUMN H
Line No.	Description	(Excess)/Deficient ADIT Transmission - Beg Balance of Year (Note B)	Current Period Other Activity (Note C)	Amortization Period (Note D)	Years Remaining at Year End	Amortization (Note E)	(Excess)/Deficient ADIT Transmission - Ending Balance of Year (Note F) (Col. B + Col. C) - Col. F	Protected (P) Non- Protected (N)
Non-property (Note A):								
1	Account 190							
1a	Accrued Taxes: FICA on Vacation Accrual	639		10	5	106	532	N
1b	Accum Prov For Inj and Damage-Workers Comp	6,022		10	5	1,004	5,018	N
1c	Accum Prov: Asbestos Accrual	80,340		10	5	13,390	66,950	N
1d	Deferred Compensation Expense	6,881		10	5	1,147	5,734	N
1e	FAS 112 - Medical Benefit Accrual	3,816		10	5	636	3,180	N
1f	FE Service Timing Allocation	30,058		10	5	5,010	25,048	N
1g	Federal Long Term NOL - Unprotected	1,356,911		10	5	226,152	1,130,759	N
1h	Federal Long Term NOL - Protected	596,537		10	5	99,423	497,114	N
1i	Incentive Compensation	32,654		10	5	5,442	27,211	N
1j	NOL Deferred Tax Asset - LT PA			10	5	-	-	N
1k	NOL Deferred Tax Asset - LT WV	(34,053)		10	5	(5,675)	(28,377)	N
1l	Pension EDCP-SERP Payments	4,620		10	5	770	3,850	N
1m	Pension/OPEB : Other Def Cr. or Dr.	82,567		10	5	13,761	68,806	N
1n	Pensions Expense	367,671		10	5	61,279	306,393	N
1o	State Income Tax Deductible	(39,230)		10	5	(6,538)	(32,692)	N
1p	Vacation Pay Accrual	3,302		10	5	550	2,752	N
1q	WV STIP	(2,314)		10	5	(386)	(1,928)	N
2	Account 282							
2a								
3	Account 283							
3a	Accum Prov For Inj and Damage-Gen Liability	4,970		10	5	828	4,142	N
3b	Deferred Charge-EIB	(21,181)		10	5	(3,530)	(17,651)	N
3c	SC01 Timing Allocation	(24,786)		10	5	(4,131)	(20,655)	N
3d	Storm Damage	(587,496)		10	5	(97,916)	(489,580)	N
3e	Vegetation Management	11,588		10	5	1,931	9,657	N
4	Non-property gross up for Taxes	648,741				108,123	540,617	N & P
5	Total Non-Property	2,528,257	-			421,376	2,106,880	

Line No.	Description	(Excess)/Deficient ADIT Transmission - Beginning Balance of Year (Note B)	Current Period Other Activity (Note C)	Amortization Period (Note D)	Years Remaining at Year End	Amortization (Note E)	(Excess)/Deficient ADIT Transmission - Ending Balance of Year (Note F) (Col. B + Col. C) - Col. F	Protected (P) Non- Protected (N)
Property (Note A):								
6	Property Book-Tax Timing Difference - Account 190	556,662	5,794,701	ARAM	ARAM	553,885	5,797,479	N & P
7	Property Book-Tax Timing Difference - Account 282	(32,252,726)	(5,727,051)	ARAM	ARAM	(1,044,325)	(36,935,452)	N & P
8	Property Book-Tax Timing Difference - Account 283			ARAM	ARAM		-	N & P
9	Property Gross up for Taxes	(10,940,334)	23,350	ARAM	ARAM	(169,282)	(10,747,702)	N & P
10	Total Property (Total of lines 6 thru 9)	(42,636,397)	91,000			(659,722)	(41,885,675)	
11	Amortized Excess/Deficient ADITs (Note C)							
12	Total Non-Property & Property Amortization, excluding gross up for taxes (Total of lines 1-3,6-8 and 11) (Note G)					(177,188)		N & P

Notes:

- A Upon a tax rate change (federal, state), the Company remeasures its deferred tax assets and liabilities to account for the new applicable corporate tax rate. For schedule M items not directly taken to the P&L, the result of this remeasurement is a change to the net deferred tax assets/liabilities recorded in accounts 190, 282, and 283 with a corresponding change in regulatory assets (account 182.3) and regulatory liabilities (account 254) to reflect the return of/collection from excess/deficient deferred taxes to/from customers. The remeasurement is effected within PowerTax and Tax Provision, which maintain both the timing difference and APB11 deferred tax balance (the historical ADIT based on the timing difference and the rate in effect when the timing difference occurred). The difference in the two results is reclassified from ADIT to regulatory assets/liabilities for deficient/excess ADIT. Within the FERC Form 1, deficient and excess ADITs in Account 182.3 and Account 254, respectively are presented grossed-up for tax purposes. For ratemaking purposes, these grossed-up balances are treated as FAS109 and subsequently removed from rate base, thereby ensuring rate base neutrality for tax rate changes. The Company would follow the process described above to remeasure ADIT balances (increase or decrease) due to any future federal or state income tax rate change.
- B Beginning balance of year is the end of the prior year balance as reflected on FERC Form No. 1, pages 232 (Account 182.3) and 278 (Account 254)
- C In the event the Company populates the data enterable fields, it will support the data entered as just and reasonable in its annual update
- D The amortization periods shall be consistent with the following:
Protected Property & Non-Protected Property: ARAM, or directly assigned based on average remaining life of assets for property items not in PowerTax
Protected Non-Property & Non-Protected Non-Property will be directly assigned and presented in the table above
- E The amortization of the tax reg asset/liability will occur through FERC income statement Accounts 410.1. and 411.1 for property and 410.1 for non-property
- F Ending balance of year is the end of current year balance, as reflected on FERC Form No. 1, pages 232 (Account 182.3) and 278 (Account 254)
- G The amortization gross-up for taxes occurs on Attachment H-11A, page 3, line 32, Col. 3. ARO related EDIT shall not be included within the formula rate.

Abandoned Plant

Line No.	Project Name (A)	RTEP Project Number	Amortization Amount (B)	Amortization Period (months) (C)	Year (D)	Beginning of Amortization Period (E)	Cumulative Months Amortized by end of year (F)	Months Remaining at year beginning (G)	Monthly Amort. Expense (H)	Yearly Amort. Expense (I)	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	(Q)	(R)
											2021	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022
1.00											December 31	January 31	February 29/28	March 31	April 30	May 31	June 30	July 31	August 31	September 30	October 31	November 30	December 31	Average (R)	Return (S)	Income Tax on Return (T)	Revenue Requirement (U)	
1.01																									0	-	-	-
1.02																									0	-	-	-
1.03																									0	-	-	-
1.04																									0	-	-	-
1.05																									0	-	-	-
1.06																									0	-	-	-
1.07																									0	-	-	-
1.08																									0	-	-	-
1.09																									0	-	-	-
1.10																									0	-	-	-
2	Total																											

Notes:
 (A) Only projects approved by the Commission will be included.
 (B) Amortization Amount will be entered at year 0, although the actual amortization will only begin after Commission accepts or approves recovery of the cost of abandoned plant. For all subsequent years, the beginning amount will be the ending balance from the previous year.
 (C) Enter the year of amortization starting with 1 for the year the amortization begins and increments by 1 for every subsequent year until the amortization period ends.
 (D) Amount calculated as Sum of Columns (B) through (N) + 1.
 (E) Column D + Attachment H-11A, page 4, line 14, cell 6.
 (F) Column P + Attachment H-11A, page 3, line 24, cell 1.
 (G) Column A + Column P + Column Q.
 (H) Revenue Requirement will not be filled until the year the amortization begins. Once a project is fully amortized, it will be removed from this attachment and will have no revenue requirement.

Construction Work in Progress

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)	(O)	(P)	
		2021	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	
Ln.	Project ID	Text Description	December 31	January 31	February 28/29	March 31	April 30	May 31	June 30	July 31	August 31	September 30	October 31	November 30	December 31	Average (a)
1		Construction Work in Progress (b)														
2a		[Placeholder 1]														-
2b		[Placeholder 2]														-
3		Total CWIP in Rate Base	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes

- (a) Average calculated as (Sum of Columns (C) through (O)) ÷ 13.
- (b) CWIP will not be included unless authorized by the Commission

Federal Income Tax Rate

Nominal Federal Income Tax Rate 21.00%

(entered on Attachment H-11A,
page 5 of 5, Note J)

State Income Tax Rate

West Virginia

Combined Rate

(entered on Attachment H-11A,
page 5 of 5, Note J)

Nominal State Income Tax Rate	6.50%			
Times Apportionment Percentage	90.74%			
Combined State Income Tax Rate	5.898%	0.000%	0.000%	5.898%

Line	FERC A/C	(A) Title	(B) FERC Form No. 1 Citation	(C) FERC Form No. 1 Balance	(D) TE Allocator	(E) Total Transmission	(F) Transmission Exclusions (a) (d)	(G) To Revenue Req.	(H)	(I)	(J)	(K)
1	560	Operation Supervision and Engineering	Page 321.83.b	94,628	0.95471	90,343	-	90,343				
2	561.1	Load Dispatch-Reliability	Page 321.85.b	838,395	0.95471	800,427	-	800,427				
3	561.2	Load Dispatch-Monitor and Operate Transmission System	Page 321.86.a	-	0.95471	-	-	-				
4	561.3	Load-Dispatch-Transmission Service and Scheduling	Page 321.87.b	-	0.95471	-	-	-				
5	561.4	Scheduling, System Control and Dispatch Services	Page 321.88.b	6,995,359	0.95471	6,678,560	6,678,560	-				
6	561.5	Reliability, Planning and Standards Development	Page 321.89.b	40,940	0.95471	39,086	-	39,086				
7	561.6	Transmission Service Studies	Page 321.90.b	61	0.95471	58	-	58				
8	561.7	Generation Interconnection Studies	Page 321.91.b	(19,131)	0.95471	(18,265)	-	(18,265)				
9	561.8	Reliability, Planning and Standards Development Services	Page 321.92.b	28,724	0.95471	27,423	27,423	-				
10	562	Station Expenses	Page 321.93.b	734,796	0.95471	701,519	-	701,519				
11	563	Overhead Lines Expense	Page 321.94.b	468,546	0.95471	447,327	-	447,327				
12	564	Underground Lines Expense	Page 321.95.b	-	0.95471	-	-	-				
13	565	Transmission of Electricity by Others	Page 321.96.b	142,896,679	0.95471	136,425,313	136,425,313	-				
14	566	Miscellaneous Transmission Expense	Page 321.97.b	1,608,444	0.95471	1,535,602	(3,016,667)	4,552,269				
15	567	Rents	Page 321.98.b	206,634	0.95471	197,276	-	197,276				
16	568	Maintenance Supervision and Engineering	Page 321.101.b	861,463	0.95471	822,450	-	822,450				
17	569	Maintenance of Structures	Page 321.102.b	-	0.95471	-	-	-				
18	569.1	Maintenance of Computer Hardware	Page 321.103.b	40,927	0.95471	39,074	-	39,074				
19	569.2	Maintenance of Computer Software	Page 321.104.b	200,969	0.95471	191,868	-	191,868				
20	569.3	Maintenance of Communication Equipment	Page 321.105.b	13	0.95471	12	-	12				
21	569.4	Maintenance of Miscellaneous Regional Transmission Plant	Page 321.106.b	-	0.95471	-	-	-				
22	570	Maintenance of Station Equipment	Page 321.107.b	3,259,420	0.95471	3,111,811	-	3,111,811				
23	571	Maintenance of Overhead Lines	Page 321.108.b	12,780,539	0.95471	12,201,746	6,873,102	5,328,644				
24	572	Maintenance of Underground Lines	Page 321.109.b	-	0.95471	-	-	-				
25	573	Maintenance of Miscellaneous Transmission Plant	Page 321.110.b	(248)	0.95471	(237)	-	(237)				
26		Sum of Lines 1 through 25		171,037,158		163,291,393	146,987,731	16,303,662				

Line	FERC A/C	(A) Title	(B) FERC Form No. 1 Citation	(C) FERC Form No. 1 Balance	(D) 100% Non- Transmission (b)	(E) 100% Transmission (c)	(F) Remaining Total Company excluding 100% Non-Tx and 100% Tx	(G) Allocated to Transmission	(H) Transmission Exclusions (a) (d)	(I) To Revenue Req.	
											x
27	920	Administrative and General Salaries	Page 323.181.b	26,024,378	-	-	26,024,378	0.03326	865,486	865,486	
28	921	Office Supplies and Expenses	Page 323.182.b	1,215,912	-	-	1,215,912	0.0333	40,457	40,457	
29	Less 922	Administrative Expenses Transferred - Credit	Page 323.183.b	(7,471,804)	-	-	(7,471,804)	0.0333	(248,488)	(248,488)	
30	923	Outside Services Employed	Page 323.184.b	20,499,069	-	-	20,499,069	0.0333	681,733	681,733	
31	924	Property Insurance	Page 323.185.b	1,441,729	-	-	1,441,729	0.0333	47,947	47,947	
32	925	Injuries and Damages	Page 323.186.b	3,096,233	-	-	3,096,233	0.0333	102,971	102,971	
33	926	Employee Pensions and Benefits	Page 323.187.b	(16,669,286)	-	-	(16,669,286)	0.0333	(554,366)	(554,366)	
34	927	Franchise Requirements	Page 323.188.b	-	-	-	-	0.0333	-	-	
35	928	Regulatory Commission Expense	Page 323.189.b	3,516,361	3,516,361	-	-	1.0000	-	-	
36	Less 929	(Less) Duplicate Charges-Cr.	Page 323.190.b	-	-	-	-	0.0333	-	-	
37	930.1	General Advertising Expenses	Page 323.191.b	152,804	-	-	152,804	0.0333	5,082	5,082	
38	930.2	Miscellaneous General Expenses	Page 323.192.b	495,620	-	-	495,620	0.0333	16,483	(49,976)	
39	931	Rents	Page 323.193.b	1,035,082	-	-	1,035,082	0.0333	34,423	34,423	
40	935	Maintenance of General Plant	Page 323.196.b	5,046,995	-	-	5,046,995	0.0333	167,847	167,847	
41		Sum of Lines 27 through 40		38,383,093	3,516,361	-	34,866,732		1,159,554	(31,539)	
42										Total OpEx (Line 26 + Line 41)	\$17,494,755

Notes:

- (a) Excluded costs specifically include, but are not limited to any amortization related to Regulatory Assets for which FERC approval has not been granted; EPRI dues; non-safety advertising included within 930.1; Regulatory commission expenses within FERC Account 928 that are directly assigned in total or portions allocated to distribution; FERC Account Nos. 561.4, 561.8, and 575.7 that consist of RTO expenses billed to load-serving entities and are not included in Transmission Owner revenue requirements; FERC Account No. 565 Transmission of Electricity by Others; and the Vegetation Management Surcharge Rider.
- (b) All labor or expenses that are 100% non-transmission related to be excluded from transmission A&G recovery
- (c) All labor or expenses that are 100% transmission related to be included within transmission A&G recovery
- (d) The SFCs shall not seek to recover any O&M and A&G costs associated with cancelled projects without seeking Commission approval.