

Formula Rate - Non-Levelized

Rate Formula Template
Utility PERC Form 1 Data

For the 12 months ended 12/31/2022

POTOMAC EDISON

Line No.	(1)	(2)	(3)	(4)	(5)
					Allocated Annual
1	GROSS REVENUE REQUIREMENT (page 3, Line 38, col 5)				\$ 40,443,256
	REVENUE CREDITS (Note 5)		<u>Total</u>	<u>Allocator</u>	
2	Account No. 451	(page 4, Line 38)	-	TP 1,00000	-
3	Account No. 454	(page 4, Line 39)	10,325	TP 1,00000	10,325
4	Account No. 456	(page 4, Line 40)	744,096	TP 1,00000	744,096
5	Section 30.9 credits	(page 4, Line 41)	-	TP 1,00000	-
6	Other Revenue credits	(page 4, Line 42)	-	DA 1,00000	-
7	TIE Revenue	Attachment 11, Page 2, Line 3, Col. 13	1,647,905	DA 1,00000	1,647,905
8	TOTAL REVENUE CREDITS (sum Lines 2-7)		4,402,326		4,402,326
9	True-up Adjustment with Interest (Attachment 13, Line 47) enter negative				-
10	NET REVENUE REQUIREMENT (Line 1 - Line 8 + Line 9)				\$ 44,040,930

Formula Rate - Non-Levelized		Rate Formula Template Utility PERC Form 1 Data		POTOMAC EDISON	
(1)	(2)	(3)	(4)	(5)	
Line No.	Source	Company Total	Allocation	Transmission (Col 3 times Col 4)	
Formula Rate - Non-Levelized					
GROSS PLANT IN SERVICE					
1	Production	-	NA	-	-
2	Transmission	510,185,822	TP	1.00000	510,185,822
3	Distribution	2,042,842,849	NA	-	-
4	General & Intangible	13,482,756	WCS	0.10389	13,660,309
5	Common	-	CE	-	-
6	TOTAL GROSS PLANT (sum Lines 1-5)	2,684,511,407	GP=	19.514%	523,846,130
ACCUMULATED DEPRECIATION					
7	Production	-	NA	-	-
8	Transmission	275,910,482	TP	1.00000	275,910,482
9	Distribution	791,945,794	NA	-	-
10	General & Intangible	74,379,815	WCS	0.10389	7,727,224
11	Common	-	CE	0.10389	-
12	TOTAL ACCUM. DEPRECIATION (sum Lines 7-11)	1,142,232,091			283,637,706
NET PLANT IN SERVICE					
13	Production	(Line 1 - Line 7)			
14	Transmission	234,275,340			234,275,340
15	Distribution	1,250,897,056			
16	General & Intangible	(Line 4 - Line 10)			5,933,084
17	Common	(Line 5 - Line 11)			-
18	TOTAL NET PLANT (sum Lines 13-17)	1,542,279,716			240,208,424
ADJUSTMENTS TO RATE BASE					
19	Account No. 201 (enter negative)	Attachment 5, Line 1, Col. 1 (Notes C, F)	NA	1.00000	-
20	Account No. 282 (enter negative)	Attachment 5, Line 1, Col. 2 (Notes C, F)	DA	1.00000	(76,185,641)
21	Account No. 283 (enter negative)	Attachment 5, Line 1, Col. 3 (Notes C, F)	DA	1.00000	(1,440,054)
22	Account No. 190	Attachment 5, Line 1, Col. 4 (Notes C, F)	DA	1.00000	27,335,537
23	Account No. 255 (enter negative)	Attachment 5, Line 1, Col. 5 (Notes C, F)	DA	1.00000	-
24	Unfunded Reserves	Attachment 14, Line 18, Col. P (Notes C & R, V)	DA	1.00000	(320,471)
25	[This line left intentionally blank]				
26	CWIP	Attachment 17, Line 3, Col P 216.8 (Notes V & W)	DA	1.00000	-
27	Unamortized Regulatory Asset	Attachment 19, Line 2, Col. V (Note V)	DA	1.00000	-
28	TOTAL ADJUSTMENTS (sum Lines 19-27)	(50,610,629)			(50,610,629)
29	LAND HELD FOR FUTURE USE	Attachment 14, Line 4, Col. P (Note G)	TP	1.00000	-
30	WORKING CAPITAL (Note H)				
31	CWC	(Page 3, Line 9 minus Page 3, Line 8 minus (SC_dgr expense)*(Page 4, Line 16)/8)	DA	1.00000	1,868,547
32	Materials & Supplies (Note G)	Attachment 14, Line 3, Col. P (Note V)	TE	0.98111	-
33	Prepayments (Account 165)	Attachment 14, Line 2, Col. P (Notes B & V)	DA	1.00000	124,035
34	TOTAL WORKING CAPITAL (sum Lines 31 - 33)	1,992,582			1,992,582
35	RATE BASE (sum Lines 18, 28, 29, & 34)	1,491,669,087			189,597,895

Formula Rate - Non-Levelized		Rate Formula Template Utilizing FERC Form 1 Data			
		POTOMAC EDISON			
Line No.	(1)	(2)	(3)	(4)	(5)
		Source	Company Total	Allocator	Transmission (Col 3 times Col 4)
OGM and A&G					
1	Transmission O&M Expense	Attachment 20, Line 26, Col. G	15,033,334	DA	15,033,334
2	Less Sub-Transmission O&M	(Company records, Note Y)	2,144,438	DA	2,144,438
3	A&G Expense	Attachment 20, Line 41, Col. J	2,336,720	DA	2,336,720
4	Sub-Transmission A&G reduction percent	Line 2' Attachment 20, Line 26, Col. C Line 4' Page 4, Line 16, Col. 16' Attachment 20, Line 41, Col. C minus Attachment 20, Line 41, Col. D)	4.3%		
5	Less Sub-Transmission A&G		107643	DA	107643
6	FERC Expense Adjustment in Year	Attachment 6, Line 11 (Note C)	194,712	DA	194,712
7	Common	FERC Form No. 1, Page 56(1)		0.10389	-
8	Amortization of Regulatory Assets	Attachment 19, Line 2, Col. K	1,652,007	DA	1,652,007
9	TOTAL O&M and A&G (sum Lines 1,3,6,7,8 less Lines 2,5)		18,964,702		18,964,702
DEPRECIATION AND AMORTIZATION EXPENSE					
10	Transmission	FERC Form No. 1, 336.7.b (Note T)	8,841,474	TP	8,841,474
11	General & Intangible	FERC Form No. 1, 336.1.f & 336.10.f (Note T)	7,883,230	W-S	819,023
12	Sub-Transmission	(Company records, Note Y)	600,894	DA	600,894
13	Common	FERC Form No. 1, 336.11.b (Note T)		0.10389	-
14	TOTAL DEPRECIATION (sum Lines 10, 11, 13 less 12)		16,123,810		9,059,603
TAXES OTHER THAN INCOME TAXES (Note I)					
LABOR RELATED					
15	Payroll	Attachment 7, Line 1z	1,632,767	W-S	169,635
16	Highway and vehicle	Attachment 7, Line 2z	1,183	W-S	123
PLANT RELATED					
17	Property	Attachment 7, Line 3z	20,676,446	GP	4,034,729
18	Gross Receipts and Taxes Non-Functionalized to Transmission	Attachment 7, Line 4z	25,873,967	NA	-
19	Other	Attachment 7, Line 5z	(373,043)	GP	(72,404)
20	Payments in lieu of taxes	Attachment 7, Line 6z	-	GP	1,951.4
21					
22	TOTAL OTHER TAXES (sum Lines 15 - 21)		47,813,320		4,132,083
INCOME TAXES (Note J)					
23	T ₁ - [(1 - SET) * (1 - FTT)] / (1 - SIT * FTT * p) =		27.24%		
24	CTI - (T ₁ - T) * (1 - WCLTD ₁) =		27.81%		
	where WCLTD = (page 4, Line 31) and R = (page 4, Line 34)				
	and PFI, SET & p are as given in footnote K				
25	1 / (1 - T ₁) (from Line 23)		1.3744		
26	Amortized Investment Tax Credit (266.8.f) (enter negative)		85,254		
27	Tax Effect of Permanent Differences and AP/DC Equity	(Notes C & D)	28,688		
28	(Excess) Deficient Deferred Income Taxes	(Attachment 15, Line 12, Col. F) (Notes C & E)	30,756,929	NA	3,845,159
29	Income Tax Calculation = Line 25 * Line 34		-	GP	-
30	FIC adjustment (Line 25 * Line 26)		117,176	DA	117,176
31	Permanent Differences and AP/DC Equity Tax Adjustment (Line 25 * Line 27)		39,430	DA	39,430
32	(Excess) Deficient Deferred Income Tax Adjustment (Line 25 * Line 28)		30,913,535		4,101,765
33	Total Income Taxes	sum Lines 29 through 32			
34	RETURN	Rate Base (page 2, Line 35) * Rate of Return (page 4, Line 34, col. 6)	110,588,746	NA	14,185,103
35	GROSS REV. REQUIREMENT (WITHOUT INCENTIVE)	(sum Lines 9, 14, 22, 33, 34)	222,404,112		48,443,256
36	Plus any increased ROE adder incentive NITS	Attachment 26, Line 2 (Note X)	\$ -		-
37	Plus any increased ROE adder incentive TEC	Attachment 11, Line 4, col 12 (Note X)	\$ -		-
38	GROSS REV. REQUIREMENT	(sum Lines 35, 36, 37)	222,404,112		48,443,256

Formula Rate - Non-Levelized

Rate Formula Template
Utilizing FERC Form 1 Data
POTOMAC EDITION

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)					510,185,822
2	Less transmission plant excluded from ISO rates (Note L)					
3	Less transmission plant included in CATT Ancillary Services (Note M)					
4	Transmission plant included in ISO rates (Line 1 less Lines 2 & 3)					510,185,822
5	Percentage of transmission plant included in ISO Rates (Line 4 divided by Line 1)				TP=	1.00000
TRANSMISSION EXPENSES						
6	Total transmission expenses (Attachment 20, Line 26, Col. C)					50,002,499
7	Less transmission expenses included in CATT Ancillary Services (Attachment 20, Line 2 plus Line 1 and 1 line 4, Col. C) (Note K)					844,495
8	Included transmission expenses (Line 6 less Line 7)					49,158,009
9	Percentage of transmission expenses after adjustment (Line 8 divided by Line 6)					0.98311
10	Percentage of transmission plant included in ISO Rates (Line 5)				TP	1.00000
11	Percentage of transmission expenses included in ISO Rates (Line 9 times Line 10)				TE=	0.98311
WAGES & SALARY ALLOCATOR (W&S)						
	Form 1 Reference	\$	TP	Proration (Note Z)		Allocation
12	Production 354.20.D	159	0.00			
13	Transmission 354.21.B	2,041,484	1.00			(Note Z)
14	Distribution 354.23.B	12,825,099	0.00			W&S Allocator
15	Other 354.24, 354.25, 354.26.B	4,789,880	0.00			(\$ / Allocation)
16	Total (sum Lines 12-15)	19,699,622				2,041,484 = 0.10389 = WS
COMMON PLANT ALLOCATOR (CE) (Note N)						
		\$			% Electric (Line 17 / Line 20)	W&S Allocator (Line 16, col. 6)
17	Electric 200.3.c					
18	Gas 201.3.d				1.00000 *	0.10389 =
19	Water 201.3.e					CE 0.10389
20	Total (sum Lines 17 - 19)					
ANNUAL ALLOCATION FACTOR CALCULATION (Note A)						
21	Annual Allocation Factor for Income Taxes and Return (ROE) Page 3, Line 33, Col. 5 / Page 2, Line 14, Col. 5					0
22	Annual Allocation Factor for Income Taxes Page 3, Line 34, 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 of Line 22 + Line 23					0
25	Annual Allocation Factor for Income Taxes and Return (scaled basis points added)					0
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					0.064852632
28	Total Annual Allocation Factor for Income Taxes and Return of Line 26 + Line 27					0
29	Additional Annual Allocation Factor for Income Taxes and Ret Line 28 + Line 24					0
RETURN (R)						
30	Preferred Dividends (118.26c) (positive number)					\$
REVENUE CREDITS (Note AA)						
	ACCOUNT 447 (SALES FOR RESALE)				Cost (Note O)	Weighted
31	Long Term Debt (112.18-21.c) (Attachment 8, Line 14, Col. 9) (Note BB)	675,000,000	47%		0.0002	0.0000 - WCLTD
32	Preferred Stock (112.3d) (Attachment 8, Line 14, Col. 3) (Note BB)	-	0%		0.0000	0.0000
33	Common Stock Attachment 8, Line 14, Col. 8) (Note BB)	749,849,915	53%		0.1045	0.0550
34	Total (sum Lines 31-33)	1,424,849,915				0.0740 = R
REVENUE CREDITS (Note AA)						
35	a. Bundled Non-ISO Sales for Resale (311.a.k)			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		10,325
40	ACCOUNT 456 (OTHER ELECTRIC REVENUE) (Note U)			FERC Form No. 1, 330.a.a		744,096
40.a	Firm Point-to-Point					744,096
40.b	Other					
41	SECTION 30.9 CREDITS					
42	OTHER REVENUE CREDITS					
42a	Labor Related Revenues			W&S	0.10389	-
42b	Plant Related Revenues			GP	0.19514	-
42c	Transmission Related Revenues			TP	1.00000	-
42d	Other			DA	1.00000	-

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Rate Formula Template
Utilizing FERC Form 1 Data
POTOMAC EDISON

For the 12 months ended 12/31/2022

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

References to data from FERC Form 1 are indicated as: F.Y.A. (year, 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 190, 201, 202, and 203 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 throughs 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 lead lag 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. It includes 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.
 - I The currently effective income tax rate, where FTT 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 (1-1-T) (page 3, Line 25).
- | | | |
|-------|--------|---|
| FTT = | 21.00% | |
| ST = | 7.50% | (State Income Tax Rate or Composite ST) |
| p = | | (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 10 basis point adder for participation in an RTO as eligible and consistent with the terms of the Settlement Agreement in Docket No. ER21-253.000.
 - P Page 4, Line 37 must equal zero since all short-term power sales must be submetered 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 to on page 4, Lines 2-6 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 transmission rate base is calculated as follows: $\frac{\text{Transmission Revenue} - \text{Transmission Expenses}}{\text{Transmission Rate Base}}$
 - T Plant in Service, Accumulated Depreciation, and Depreciation Expense amounts exclude Asset Retirement Obligation amounts unless authorized by FERC. FERC account 403 - Amortization of Other Electric Plant amounts are excluded unless approved and authorized by FERC.
 - U On Page 4, Line 40, other revenues from FTO settlements that are associated with NTS and firm Point-to-Point Service for which the load is not included in the divisor to derive APZonal rates. Exclude non-firm Point-to-Point revenues and revenues related to RTEP projects, unless provision per settlement agreement section 2.23 requires inclusion.
 - V Calculates using a 15-month average balance.
 - W Includes only CWP authorized by the Commission for inclusion in rate base.
 - X Any actual 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 users before 1994V, but which results 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 SPCs shall utilize a W/S 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 15-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: 52.0% Equity Cap Not Triggered

Schedule 1A Rate Calculation

1	\$	844,490	Attachment H-11A, Page 4, Line 7
2	\$	-	Revenue Credits for Sched 1A - Note A
3	\$	844,490	Net Schedule 1A Expenses (Line 1 - Line 2)
4		49,649,926	Annual MWh in AP Zone - Note B
5	\$	0.0170	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	191,590,376
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	751,720,917
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	1,109,496
6	Less Account 216.1, Renaissance Adj, AGC adj & Goodwill		Attachment 8, Line 14, Col. 2, 4, 5 & 7	770,486
7	Common Stock		Attachment 8, Line 14, Col. 8	749,840,935
Capitalization				
8	Long Term Debt		Attachment H-11A, page 4, Line 31, Col. 3	675,000,000
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	749,840,935
11	Total Capitalization		Attachment H-11A, page 4, Line 34, Col. 3	1,424,840,935
12	Debt %	Total Long-Term Debt	Attachment H-11A, page 4, Line 31, Col. 4	47.3737%
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	52.6263%
15	Debt Cost	Total Long-Term Debt	Attachment H-11A, page 4, Line 31, Col. 5	0.0402
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)	0.0190
19	Weighted Cost of Preferred	Preferred Stock	(Line 13 * Line 16)	0.0000
20	Weighted Cost of Common	Common Stock	(Line 14 * Line 17)	0.0550
21	Rate of Return on Rate Base (ROR)		(Sum Lines 18 to 20)	0.0740
22	Investment Return = Rate Base * Rate of Return		(Line 1 * Line 21)	14,185,103

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	27.24%
24	CIT=(T/(1-T)) * (1-(WCLTD/R)) =		Calculated	27.81%
25	1 / (1 - T)		Attachment H-11A, page 3, Line 25, Col. 3	1.3744
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	85,254.14
28	(Excess)/Deficient Deferred Income Taxes		Attachment H-11A, page 3, Line 28, Col. 3	28,688.25
29	Income Tax Calculation		(line 22 * line 24)	3,945,159.22
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	117,175.93
32	(Excess)/Deficient Deferred Income Tax Adjustment		Attachment H-11A, page 3, Line 32, Col. 5	39,430.02
33	Total Income Taxes		Sum lines 29 to 32	4,101,765.17

Return and Taxes			
34	Return and Income taxes with ROE	(Line 22 + Line 33)	18,286,868.52
35	Return with ROE	Attachment H-11A, Page 3, Line 34, Col. 5	14,185,103.35
36	Income Tax with ROE	Attachment H-11A, Page 3, Line 33, Col. 5	4,101,765.17

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	191,590,376
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	751,720,917
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	1,109,496
6	Less Account 216.1, Renaissance Adj, AGC adj & Goodwill		Attachment 8, Line 14, Col. 2, 4, 5 & 7	770,486
7	Common Stock		Attachment 8, Line 14, Col. 8	749,840,935
	Capitalization			
8	Long Term Debt		Attachment H-11A, page 4, Line 31, Col. 3	675,000,000
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	749,840,935
11	Total Capitalization		Attachment H-11A, page 4, Line 34, Col. 3	1,424,840,935
12	Debt %	Total Long-Term Debt	Attachment H-11A, page 4, Line 31, Col. 4	47.3737%
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	52.6263%
15	Debt Cost	Total Long-Term Debt	Attachment H-11A, page 4, Line 31, Col. 5	0.0402
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)	0.0190
19	Weighted Cost of Preferred	Preferred Stock	(Line 13 * Line 16)	0.0000
20	Weighted Cost of Common	Common Stock	(Line 14 * Line 17)	0.0503
21	Rate of Return on Rate Base (ROR)		(Sum Lines 18 to 20)	0.0793
22	Investment Return = Rate Base * Rate of Return		(Line 1 * Line 21)	15,193,372

Income Taxes				
	Income Tax Rates			
23	$T = 1 - ((1 - \text{SIT}) * (1 - \text{FIT})) / (1 - \text{SIT} * \text{FIT} * p) =$	Attachment H-11A, page 3, Line 23, Col. 3		27.24%
24	$\text{CIT} = (T / (1 - T)) * (1 - (\text{WCLTD} / R)) =$	Calculated		28.45%
25	$1 / (1 - T)$	Attachment H-11A, page 3, Line 25, Col. 3		1.3744
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		85,254.14
28	(Excess)/Deficient Deferred Income Taxes	Attachment H-11A, page 3, Line 28, Col. 3		28,688.25
29	Income Tax Calculation	(line 22 * line 24)		4,322,686.42
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		117,175.93
32	(Excess)/Deficient Deferred Income Tax Adjustment	Attachment H-11A, page 3, Line 32, Col. 5		39,430.02
33	Total Income Taxes	Sum lines 29 to 32		4,479,292.37

Incremental Return and Taxes				
34	Return and Income taxes with scaled basis pts adder	(Line 22 + Line 33)		19,672,664.81
35	Return with incentive adder	Line 22		15,193,372.44
36	Income Tax with incentive adder	Line 33		4,479,292.37
37	Incremental Return and incomes taxes for increase in ROE	Line 34 minus Attachment 2 Line 34		1,385,796.28
38	Rate Base	Line 1		191,590,376.23
39	Incremental Return and incomes taxes for increase in ROE divided by rate base	Line 37 / Line 38		0.00723

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

\$0.00

NOTES

- [C] Company records
- [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
- [E] Col. A * Attachment H-11A, Page 4, Line 24, Col. 6
- [F] Col. A*((Attachment H-11A, Page 4, Line 29, Col. 6) * Col. B/100+Attachment H-11A, Page 4, Line 24, Col. 6)
- [G] Taken to Attachment H-11A, Page 3, Line 36, Col. 3
- [H] Utilizes a 13-month average.

Gross Plant Calculation

		[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	
		Production	Sub-Transmission [D]	Transmission [E]	Distribution [F]	Intangible	General	Common	Total	
1	December	2021	-	23,133,128	504,312,356	2,000,043,098	38,192,636	93,360,194	-	2,635,908,285
2	January	2022	-	23,072,066	504,586,436	2,007,361,018	38,469,386	93,515,900	-	2,643,932,740
3	February	2022	-	23,285,999	505,199,284	2,019,616,209	38,655,624	93,834,668	-	2,657,305,785
4	March	2022	-	23,220,745	505,813,942	2,024,582,867	39,045,890	94,392,381	-	2,663,835,080
5	April	2022	-	24,452,754	509,733,856	2,032,139,923	39,051,469	94,492,440	-	2,675,417,687
6	May	2022	-	24,316,763	509,634,090	2,037,793,828	38,992,392	94,711,944	-	2,681,132,253
7	June	2022	-	24,343,279	511,629,440	2,042,158,472	39,071,027	94,846,597	-	2,687,705,536
8	July	2022	-	24,380,276	511,675,596	2,046,934,463	39,152,075	94,966,840	-	2,692,728,974
9	August	2022	-	24,719,546	511,824,850	2,053,899,131	39,247,669	85,761,348	-	2,690,732,998
10	September	2022	-	24,966,358	512,720,285	2,063,817,145	43,273,589	85,509,177	-	2,705,320,196
11	October	2022	-	23,981,979	509,498,231	2,069,192,870	43,113,426	85,974,803	-	2,707,779,329
12	November	2022	-	24,218,983	514,296,469	2,076,680,704	43,528,901	86,186,123	-	2,720,692,198
13	December	2022	-	24,226,385	521,490,847	2,082,737,315	44,656,036	87,273,031	-	2,736,157,229
14	13-month Average	[A] [C]	-	24,024,482	510,185,822	2,042,842,849	40,342,317	91,140,419	-	2,684,511,407
			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	-	527,448,915	1,976,909,970	38,192,636	93,383,634	-	2,635,935,156	
16	January	2022	-	527,661,933	1,984,288,952	38,469,386	93,539,340	-	2,643,959,611	
17	February	2022	-	528,488,714	1,996,330,210	38,655,624	93,858,109	-	2,657,332,657	
18	March	2022	-	529,038,117	2,001,362,122	39,045,890	94,415,821	-	2,663,861,951	
19	April	2022	-	534,190,040	2,007,687,169	39,051,469	94,515,880	-	2,675,444,558	
20	May	2022	-	533,954,284	2,013,477,065	38,992,392	94,735,384	-	2,681,159,125	
21	June	2022	-	535,976,150	2,017,815,193	39,071,027	94,870,038	-	2,687,732,407	
22	July	2022	-	536,059,302	2,022,554,187	39,152,075	94,990,280	-	2,692,755,845	
23	August	2022	-	536,547,828	2,029,179,584	39,247,669	85,784,788	-	2,690,759,869	
24	September	2022	-	537,690,074	2,038,850,787	43,273,589	85,532,617	-	2,705,347,067	
25	October	2022	-	533,483,641	2,045,210,891	43,113,426	85,998,243	-	2,707,806,201	
26	November	2022	-	538,518,884	2,052,461,721	43,528,901	86,209,563	-	2,720,719,069	
27	December	2022	-	545,720,664	2,058,510,930	44,656,036	87,296,471	-	2,736,184,100	
28	13-month Average	-	-	534,213,734	2,018,818,368	40,342,317	91,163,859	-	2,684,538,278	

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	-	3,431	-	-	23,440	-
30	January	2022	-	3,431	-	-	23,440	-
31	February	2022	-	3,431	-	-	23,440	-
32	March	2022	-	3,431	-	-	23,440	-
33	April	2022	-	3,431	-	-	23,440	-
34	May	2022	-	3,431	-	-	23,440	-
35	June	2022	-	3,431	-	-	23,440	-
36	July	2022	-	3,431	-	-	23,440	-
37	August	2022	-	3,431	-	-	23,440	-
38	September	2022	-	3,431	-	-	23,440	-
39	October	2022	-	3,431	-	-	23,440	-
40	November	2022	-	3,431	-	-	23,440	-
41	December	2022	-	3,431	-	-	23,440	-
42	13-month Average	-	-	3,431	-	-	23,440	-

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]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	
		Production	Sub-Transmission [D]	Transmission [E]	Distribution [F]	Intangible	General	Common	Total	
1	December	2021	-	2,012,481	272,605,928	782,518,152	24,882,033	49,363,246	-	1,129,369,359
2	January	2022	-	2,012,582	273,275,152	784,201,100	25,209,743	49,736,790	-	1,132,422,786
3	February	2022	-	1,910,146	273,896,085	785,840,638	25,535,003	50,136,944	-	1,135,408,670
4	March	2022	-	1,938,838	274,455,377	786,985,570	25,853,847	50,543,826	-	1,137,838,620
5	April	2022	-	1,937,835	275,046,126	788,626,298	26,171,680	50,899,032	-	1,140,743,137
6	May	2022	-	1,952,942	275,602,464	790,401,068	26,472,094	51,249,419	-	1,143,725,045
7	June	2022	-	1,953,009	276,084,311	791,993,688	26,770,777	51,514,356	-	1,146,363,132
8	July	2022	-	1,978,943	276,755,875	793,735,999	27,070,847	51,837,902	-	1,149,400,622
9	August	2022	-	1,993,512	277,078,364	795,243,213	27,370,350	42,242,720	-	1,141,934,647
10	September	2022	-	1,993,808	277,162,072	796,519,777	27,693,444	42,501,963	-	1,143,877,256
11	October	2022	-	2,028,208	277,878,665	798,149,935	28,036,545	42,766,442	-	1,146,831,587
12	November	2022	-	2,009,472	278,300,540	800,137,845	28,352,630	43,026,869	-	1,149,817,884
13	December	2022	-	2,020,424	278,695,307	800,942,039	28,573,162	43,073,926	-	1,151,284,433
14	13-month Average	[A] [C]	-	1,980,169	275,910,482	791,945,794	26,768,627	47,607,187	-	1,142,232,091

		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	274,621,105	780,505,671	24,882,033	49,382,663	-	1,129,391,472
16	January	2022	275,290,437	782,188,518	25,209,743	49,756,230	-	1,132,444,929
17	February	2022	275,808,942	783,930,492	25,535,003	50,156,407	-	1,135,430,844
18	March	2022	276,396,933	785,046,732	25,853,847	50,563,313	-	1,137,860,825
19	April	2022	276,986,687	786,688,463	26,171,680	50,918,542	-	1,140,765,372
20	May	2022	277,558,138	788,448,126	26,472,094	51,268,952	-	1,143,747,311
21	June	2022	278,040,060	790,040,679	26,770,777	51,533,912	-	1,146,385,428
22	July	2022	278,737,566	791,757,055	27,070,847	51,857,481	-	1,149,422,950
23	August	2022	279,074,631	793,249,701	27,370,350	42,262,324	-	1,141,957,005
24	September	2022	279,158,643	794,525,968	27,693,444	42,521,589	-	1,143,899,645
25	October	2022	279,909,644	796,121,726	28,036,545	42,786,092	-	1,146,854,007
26	November	2022	280,312,789	798,128,373	28,352,630	43,046,542	-	1,149,840,334
27	December	2022	280,718,516	798,921,614	28,573,162	43,093,623	-	1,151,306,914
28	13-month Average	-	277,893,392	789,965,625	26,768,627	47,626,744	-	1,142,254,387

		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	2,696	-	-	19,417	-
30	January	2022	2,703	-	-	19,440	-
31	February	2022	2,710	-	-	19,463	-
32	March	2022	2,718	-	-	19,487	-
33	April	2022	2,725	-	-	19,510	-
34	May	2022	2,733	-	-	19,533	-
35	June	2022	2,740	-	-	19,557	-
36	July	2022	2,748	-	-	19,580	-
37	August	2022	2,755	-	-	19,603	-
38	September	2022	2,762	-	-	19,626	-
39	October	2022	2,770	-	-	19,650	-
40	November	2022	2,777	-	-	19,673	-
41	December	2022	2,785	-	-	19,696	-
42	13-month Average	-	2,740	-	-	19,557	-

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]	-	(76,185,641)	(1,440,054)	27,335,537	-	(50,290,159)
	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]	-	66,021,922	(2,555,157)	29,141,889	-	92,608,654

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			(14,808,725)			4,645,006

[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		421,437	(4,718,995)			302,347

[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			(4,132,876)	5,658,568		280,659

[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 (Note F)	End Plant & Labor Related Allocated to Transmission (page 1, Col. K)	Total Transmission Ending (col. 2 + col. 3) (Note E)
1 ADIT- 282 From Account Subtotal Below	66,021,922	-	66,021,922
2 ADIT-283 From Account Subtotal Below	(2,555,157)	-	(2,555,157)
3 ADIT-190 From Account Subtotal Below	29,141,889	-	29,141,889
4 ADIT-281 From Account Subtotal Below	-	-	-
5 ADIT-255 From Account Subtotal Below	-	-	-
Total (sum rows 1-5)	92,608,654	-	92,608,654

Summary of Transmission ADIT (Prior to adjusted items)						
Line	A	B	C	D	E	F
	End Plant Related (Note A)	End Labor Related (Note B)	Plant & Labor Subtotal (Col. A + Col. B)	Gross Plant Allocator (Note C)	Wages & Salary Allocator (Note D)	End Plant & Labor Related ADIT (Col. A * Col. D) + (Col. B * Col. E)
1 ADIT- 282 From Account Total Below	-	-	-	19.51%	10.39%	-
2 ADIT-283 From Account Total Below	-	-	-	19.51%	10.39%	-
3 ADIT-190 From Account Total Below	-	-	-	19.51%	10.39%	-
4 ADIT-281 From Account Total Below	-	-	-	19.51%	10.39%	-
5 ADIT-255 From Account Total Below	-	-	-	19.51%	10.39%	-
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	
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	70,426			70,426			
Accum. Prov. For Injuries and Damages	17,127			17,127			
Employee Compensation	142,769			142,769			
FAS 112 - Medical Benefit Accrual	36,262			36,262			
FAS 128R Employee Compensation	21,211			21,211			
Federal Long Term	670,321			670,321			
State NOL	684,582			684,582			
Pension/OPEB	1,001,284			1,001,284			
Service Company Timing	3,480			3,480			
State Income Tax Deductible	3,213			3,213			
Vacation Accrual	54,028			54,028			
Capitalized Interest	2,096,256			2,096,256			
CIAC	5,658,568			5,658,568			
Cost of Removal	22,815,236			22,815,236			
Property FAS109	(4,132,876)			(4,132,876)			
Subtotal	29,141,889	-	-	29,141,889	-	-	

Instructions for Account 190:

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- 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	2,780,390			2,780,390			
Accelerated Tax Depr	67,141,384			67,141,384			
AFLDC Debt	1,555,475			1,555,475			
Capital Vertical Tree Trimming	4,960,535			4,960,535			
Capitalized Pension	1,489,054			1,489,054			
Casualty Loss	102,797			102,797			
FAS123R Items	2,813			2,813			
Highway Relocations	17,283			17,283			
Meters and Transformers	(326,677)			(326,677)			
OPEB	(524,978)			(524,978)			
Other Basis Differences	(3,504,540)			(3,504,540)			
Tax Repairs	7,082,572			7,082,572			
R&D Cost	54,539			54,539			
Property FAS109	(14,808,725)			(14,808,725)			
Subtotal	66,021,922	-	-	66,021,922	-	-	

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	80,930			80,930			
Service Company Timing	1,669,688			1,669,688			
Pension OPEB	798,497			798,497			
Post Retirement Benefits FAS 106	421,437			421,437			
PJM Receivable	(1,528,340)			(1,528,340)			
Property FAS109 Gross-up	(3,997,369)			(3,997,369)			
Subtotal	(2,555,157)	-	-	(2,555,157)	-	-	

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	
[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	29,141,889	0	0	29,141,889	1,525,693	27,616,196	-
8	PTRR Total Account 282	66,021,922	0	0	66,021,922	(14,808,725)	80,830,647	-
9	PTRR Total Account 283	(2,555,157)	0	0	(2,555,157)	(4,297,558)	1,742,401	-
10	PTRR Total ADIT Subject to Normalization	(34,324,877)	-	-	(34,324,877)	(17,580,590)	110,189,244	-

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	4,452,769	9,744	4,462,513	168,400	4,630,913	170,207	4,801,120	68,585	4,869,705
2	ATRR	26,592,547	(21,119)	26,571,428	47,518	26,618,946	3,697	26,622,643	993,553	27,616,196
		Beginning 190 (including adjustments)	Pro-rated Q1	Pro-rated Q2	Pro-rated Q3	Pro-rated Q4				
3	PTRR	4,452,769	7,368	85,354	43,368	188				
4	ATRR	26,592,547	(15,969)	24,084	942	2,722				
		Beginning 282 (including adjustments)	Q1 Activity	Ending Q1	Q2 Activity	Ending Q2	Q3 Activity	Ending Q3	Q4 Activity	Ending Q4
5	PTRR	60,245,611	2,459,415	62,705,026	2,094,354	64,799,380	2,119,771	66,919,151	1,436,752	68,355,903
6	ATRR	81,713,651	(38,343)	81,675,308	(37,506)	81,637,801	6,895	81,644,696	(814,049)	80,830,647
		Beginning 282 (including adjustments)	Pro-rated Q1	Pro-rated Q2	Pro-rated Q3	Pro-rated Q4				
7	PTRR	60,245,611	1,859,722	1,061,522	540,106	3,936				
8	ATRR	81,713,651	(28,994)	(19,010)	1,757	(2,230)				
		Beginning 283 (including adjustments)	Q1 Activity	Ending Q1	Q2 Activity	Ending Q2	Q3 Activity	Ending Q3	Q4 Activity	Ending Q4
9	PTRR	2,113,154	57,477	2,170,631	154,744	2,325,375	130,474	2,455,849	115,106	2,570,955
10	ATRR	2,004,470	(102,836)	1,901,634	(131,433)	1,770,201	(54,691)	1,715,510	(694,735)	1,020,775
		Beginning 283 (including adjustments)	Pro-rated Q1	Pro-rated Q2	Pro-rated Q3	Pro-rated Q4				
11	PTRR	2,113,154	43,462	78,432	33,244	315				
12	ATRR	2,004,470	(77,761)	(66,617)	(13,935)	(1,903)				

		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	7,263,097	416,937	4,589,046	2,674,051	2,393,391	280,659	4,589,046				
2	PTRR Total Account 282	52,238,507	8,110,292	63,710,897	(11,472,390)	(16,117,396)	4,645,006	(63,710,897)				
3	PTRR Total Account 283	(3,255,206)	457,801	2,268,608	(5,523,813)	(5,826,161)	302,347	(2,268,608)				
4	PTRR Total ADIT Subject to Normalization	(41,720,205)	(8,151,156)	(61,390,459)	19,670,254	(19,550,165)	5,228,012	(61,390,459)				

		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	29,141,889	1,023,649	26,604,326	2,537,562	136,488	1,525,693	867,699	280,659	27,335,537	
6	ATRR Total Account 282	66,021,922	(883,004)	81,665,174	(15,643,251)	4,170,861	(14,808,725)	(1,308,671)	4,645,006	(76,185,641)	
7	ATRR Total Account 283	(2,555,157)	(983,694)	1,844,254	(4,399,411)	(1,124,403)	(4,297,558)	(1,528,602)	302,347	(1,440,054)	
8	ATRR Total ADIT Subject to Normalization	(34,324,877)	2,890,347	(56,905,101)	22,580,224	3,182,947	(17,580,590)	(1,969,575)	5,228,012	(50,290,159)	

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	3,807,390	POTOMAC EDISON Labor: Company Records
7 PBOP Expense for current year (line 5 * line 6)	-\$27,554	
8 PBOP expense in Account 926 for current year, total company	(2,139,346)	POTOMAC EDISON Account 926: Company Records
9 W&S Labor Allocator	10.389%	
10 Allocated Transmission PBOP (line 8 * line 9)	(222,266)	
11 PBOP Adjustment for Attachment H-11A, page 3, line 6 (line 7 - line 10)	194,712	

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	1,533,880
1b MD Unemployment Tax	263.i	50,354
1c WV Unemployment Tax	263.i	24,524
1d Federal Unemployment Tax	263.i	24,009
1z	Payroll Taxes Total	1,632,767
2 Highway and Vehicle Taxes		
2a Federal Heavy Vehicle Use	263.i	143
2b Motor Fuel Tax	263.i	1,040
2z	Highway and Vehicle Taxes	1,183
3 Property Taxes		
3a Maryland Property Tax	263.i	15,043,173
3b Virginia Property Tax	263.i	351,610
3c WV Local Property Tax	263.i	5,281,663
3z	Property Taxes	20,676,446
4 Gross Receipts and Taxes Non-Functionalized to Transmission		
Gross Receipts		
4a MD Gross Receipts Tax	263.i	\$8,611,939.00
4b WV Gross Receipts Tax	263.i	\$1,957,431.00
Taxes Non-Functionalized to Transmission [B]		
4b B&O Tax	263.i	4,822,789
4c Public utility fuel energy and environmental surcharge & other taxes	263.i	10,481,808
4z	Gross Receipts and Taxes Non-Functionalized to Transmission	25,873,967
5 Other Taxes		
5a Sales and Use Tax	263.i	(371,043)
5b	263.i	
5c	263.i	
5z	Other Taxes	(371,043)
6z Payments in lieu of taxes		
7	Total other than income taxes (sum lines 1z, 2z, 3z, 4z, 5z, 6z) [tie to 114.14c]	\$47,813,320.00

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	714,817,580			52,616,691	(51,841,093)	1,483,486		712,558,496	675,000,000
2	January 2022	727,084,554			52,616,691	(51,841,093)	1,398,246		724,910,710	675,000,000
3	February 2022	735,496,182			52,616,691	(51,841,093)	1,359,270		733,361,314	675,000,000
4	March 2022	740,538,210			54,743,277	(53,968,132)	1,297,162		738,465,902	675,000,000
5	April 2022	745,358,790			54,743,277	(53,968,132)	1,235,054		743,348,591	675,000,000
6	May 2022	748,727,214			54,743,277	(53,968,132)	1,172,947		746,779,122	675,000,000
7	June 2022	753,771,597			55,949,411	(55,177,924)	1,110,839		751,889,271	675,000,000
8	July 2022	759,025,531			55,949,411	(55,177,924)	1,048,731		757,205,313	675,000,000
9	August 2022	766,603,562			55,949,411	(55,177,924)	986,623		764,845,451	675,000,000
10	September 2022	764,554,652			57,908,492	(57,137,298)	924,515		762,858,943	675,000,000
11	October 2022	768,509,126			57,908,492	(57,137,298)	862,407		766,875,535	675,000,000
12	November 2022	774,677,262			57,908,492	(57,137,298)	802,603		773,103,465	675,000,000
13	December 2022	773,207,660			60,496,742	(59,760,704)	741,569		771,730,053	675,000,000
14	13-month Average	751,720,917	-	-	55,703,873	(54,933,388)	1,109,496	-	749,840,935	675,000,000

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 Potomac Edison 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 219 and therefore no impact on total equity.

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)	4.44%, First Mortgage Bond	11/25/2014	11/15/2044	\$ 200,000,000	\$ 199,738,323	\$ 199,065,477	12	\$ 199,065,477.43	29.65%	4.48%	1.33%
(2)	4.47%, First Mortgage Bond	8/17/2015	8/15/2045	\$ 145,000,000	\$ 143,908,001	\$ 144,176,416	12	\$ 144,176,415.87	21.48%	4.52%	0.97%
(3)	3.89%, First Mortgage Bond	10/17/2016	10/15/2046	\$ 155,000,000	\$ 153,886,282	\$ 154,116,650	12	\$ 154,116,650.32	22.96%	3.93%	0.90%
(4)	2.67%, First Mortgage Bond	6/29/2020	6/15/2032	\$ 75,000,000	\$ 74,437,160	\$ 74,555,036	12	\$ 74,555,036.62	11.11%	2.74%	0.30%
(5)	3.43%, First Mortgage Bond	6/29/2020	6/15/2051	\$ 100,000,000	\$ 99,319,212	\$ 99,374,299	12	\$ 99,374,298.75	14.89%	3.47%	0.51%
				\$ 675,000,000	\$	\$ 671,287,878		\$ 671,287,878	100.000%		<u>4.02% **</u>

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%, 4.2652%). Final Total Weighted Average Debt Cost for the Formula Rate shall be rounded to two decimals of a percent (7.02%).
** 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) Issue Date	(bb) Maturity Date	(cc) Amount Issued	(dd) (Discount) Premium at Issuance	(ee) Issuance Expense	(ff) Loss/Gain on Reacquired Debt	(gg) Net Proceeds (col. cc + col. dd - col. ee - col. ff)	(hh) Net Proceeds Ratio (col. gg/col. cc)*100)	(ii) Coupon Rate	(jj) Annual Interest (col. cc * col. ii)	(kk) Effective Cost Rate* (Yield to Maturity at Issuance, t = 0)
(1)	4.44%, First Mortgage Bond	11/25/2014	11/15/2044	\$ 200,000,000	\$	\$ 1,261,677	\$	99.3692	0.0444	\$ 8,880,000	4.48%	
(2)	4.47%, First Mortgage Bond	8/17/2015	8/15/2045	\$ 145,000,000	\$	1,091,999	\$	99.2469	0.0447	\$ 6,481,500	4.52%	
(3)	3.89%, First Mortgage Bond	10/17/2016	10/15/2046	\$ 155,000,000	\$	1,113,718	\$	99.2815	0.0389	\$ 6,029,500	3.93%	
(4)	2.67%, First Mortgage Bond	6/29/2020	6/15/2032	\$ 75,000,000	\$	562,840	\$	99.2495	0.0267	\$ 2,002,500	2.74%	
(5)	3.43%, First Mortgage Bond	6/29/2020	6/15/2051	\$ 100,000,000	\$	680,788	\$	99.3192	0.0343	\$ 3,430,000	3.47%	
TOTALS				\$ 675,000,000	\$	\$ 4,711,022	\$	99.3192		\$ 26,823,500		

* 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

(1) Line No.	(2) Reference	(3) Transmission	(4) Allocater
1	Gross Transmission Plant - Total Attach. H-11A, p. 2, line 2, col. 5 (Row A)	\$ 510,185,822	
2	Net Transmission Plant - Total Attach. H-11A, p. 2, line 14, col. 5 (Row B)	\$ 234,275,340	
QAM EXPENSE			
3	Total QAM Allocated to Transmission Attach. H-11A, p. 3, line 9, col. 5	\$ 16,964,752	3.323201%
4	Annual Allocation Factor for QAM (line 3 divided by line 1, col. 3)		
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	\$ 819,023	0.160534%
6	Annual allocation factor for G, I, & C depreciation expense (line 5 divided by line 1, col. 3)		
TAXES OTHER THAN INCOME TAXES			
7	Total Other Taxes Attach. H-11A, p. 3, line 22, col. 5	\$ 4,132,083	0.809917%
8	Annual Allocation Factor for Other Taxes (line 7 divided by line 1, col. 3)		
9	Annual Allocation Factor for Expense Sum of line 4, 6, & 8		4.295662%
INCOME TAXES			
10	Total Income Taxes Attach. H-11A, p. 3, line 33, col. 5	\$ 4,101,785	1.750831%
11	Annual Allocation Factor for Income Taxes (line 10 divided by line 2, col. 3)		
RETURN			
12	Return on Rate Base Attach. H-11A, p. 3, line 34, col. 5	\$ 14,185,103	6.054885%
13	Annual Allocation Factor for Return on Rate Base (line 12 divided by line 2, col. 3)		
14	Annual Allocation Factor for Return Sum of line 11 and 13		7.805716%

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	ROE 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)	(Page 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	Reconductor Doubt - Dickerson and Doubt - Aqueduct - Dickerson 230 KV to 120MVA	10238	\$	4.295652%	\$194,321	\$	2,474,304	7.805716%	\$193,137	\$	132,543	\$520,002	0	\$520,002	\$520,002
1b	Convert Doubt - Monocacy 138KV facilities to 230KV operation - Phase 2 of 10232	10373	\$	4.295652%	\$2,825,028	\$	1,637,160	7.805716%	\$127,792	\$	74,581	\$323,726	0	\$323,726	\$323,726
1c	Terminal Equipment upgrades at Doubt substation	10507.2	\$	4.295652%	\$151,690	\$	126,468	7.805716%	\$9,872	\$	2,002	\$18,390	0	\$18,390	\$18,390
1d	Mt Storm - Doubt transmission line rebuild in Maryland - Total line mileage for ARS is 2.71 miles	10521.3	\$	4.295652%	\$17,744,689	\$	17,744,689	7.805716%	\$1,266,328	\$	372,490	\$2,401,068	0	\$2,401,068	\$2,401,068
1e	Carroll Substation: Replace the 138 KV wave trap, upgrade the bus conductor and adjust CT ratios.	10588.3	\$	4.295652%	\$97,445	\$	105,883	7.805716%	\$42,967	\$	7,886	\$76,517	0	\$76,517	\$76,517
1f	Replace Measure Brook 138KV breaker	10597.17.40347.32	\$	4.295652%	\$2,620,000	\$	1,912,085	7.805716%	\$157,265	\$	36,431	\$308,371	0	\$308,371	\$308,371
1g	Reconductor 14.3 miles of 556 ACBR with 795 ACBR from Old Chapel to Millville 138 KV and upgrade line from Old Chapel 138 KV and Millville 138 KV and replace 1200 A wave trap at Millville 138 KV	101836	\$	4.295652%	\$13,563	\$	10,421	7.805716%	\$813	\$	435	\$1,831	0	\$1,831	\$1,831
1h	Replace the two Ringgold 230/138 KV transformers, substation, and reconductor	10743.6, 10743.6.1, 10743.7	\$	4.295652%	\$0	\$	-	7.805716%	\$0	\$	-	\$0	0	\$0	\$0
1i	Replace Ringgold Substation 138 KV breakers 138 BUS TIE and RCM2 with 40 KA breakers	10743.8	\$	4.295652%	\$0	\$	-	7.805716%	\$0	\$	-	\$0	0	\$0	\$0
3	Transmission Enhancement Credit taken to Attachment H-11A, Page 1, Line 7, Col. 3														
4	Additional TEC Incentive Revenue taken to Attachment H-11A, Page 3, Line 37, Col. 3												\$0.00	\$3,647,305	

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 ROE 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 2. 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)	Dec-21 (Note D)	Jan-22 (Note D)	Feb-22 (Note D)	Mar-22 (Note D)	Apr-22 (Note D)	May-22 (Note D)	Jun-22 (Note D)	Jul-22 (Note D)	Aug-22 (Note D)	Sep-22 (Note D)	Oct-22 (Note D)	Nov-22 (Note D)	Dec-22 (Note D)
1a	Reconductor Doubs - Dickerson and Doubs - Aqueduct - Dickerson 230 kV to 1200MVA	b0238	\$ 4,523,669	\$ 4,523,669	\$ 4,523,669	\$ 4,523,669	\$ 4,523,669	\$ 4,523,669	\$ 4,523,669	\$ 4,523,669	\$ 4,523,669	\$ 4,523,669	\$ 4,523,669	\$ 4,523,669	\$ 4,523,669	\$ 4,523,669
1b	Convert Doubs - Monocacy 138kV facilities to 230kV operation - Phase 2 of b0322	b0373	\$ 2,825,028	\$ 2,825,028	\$ 2,825,028	\$ 2,825,028	\$ 2,825,028	\$ 2,825,028	\$ 2,825,028	\$ 2,825,028	\$ 2,825,028	\$ 2,825,028	\$ 2,825,028	\$ 2,825,028	\$ 2,825,028	\$ 2,825,028
1c	Terminal Equipment upgrade at Doubs substation	b1507.2	\$ 151,690	\$151,690	\$151,690	\$151,690	\$151,690	\$151,690	\$151,690	\$151,690	\$151,690	\$151,690	\$151,690	\$151,690	\$151,690	\$151,690
1d	Mt Storm - Doubs transmission line rebuild in Maryland - Total line mileage for APS is 2.71 miles	b1507.3	\$ 17,744,689	\$17,744,689	\$17,744,689	\$17,744,689	\$17,744,689	\$17,744,689	\$17,744,689	\$17,744,689	\$17,744,689	\$17,744,689	\$17,744,689	\$17,744,689	\$17,744,689	\$17,744,689
1e	wave trap, upgrade the bus conductor and adjust CT	b2688.3	\$ 597,445	\$597,445	\$597,445	\$597,445	\$597,445	\$597,445	\$597,445	\$597,445	\$597,445	\$597,445	\$597,445	\$597,445	\$597,445	\$597,445
1f	Replace Meadow Brook 138kV breaker	b0347.17-b0347.3:	\$ 2,620,909	\$2,620,909	\$2,620,909	\$2,620,909	\$2,620,909	\$2,620,909	\$2,620,909	\$2,620,909	\$2,620,909	\$2,620,909	\$2,620,909	\$2,620,909	\$2,620,909	\$2,620,909
1g	Reconductor 14.3 miles of 556 ACSR with 795 ACSR from Old Chapel to Millville 138 kV and upgrade line risers at Old Chapel 138 kV and Millville 138 kV and replace 1200 A wave trap at Millville 138 kV	b1835	\$ 13,563	\$13,563	\$13,563	\$13,563	\$13,563	\$13,563	\$13,563	\$13,563	\$13,563	\$13,563	\$13,563	\$13,563	\$13,563	\$13,563

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

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)												
\$ 2,049,364	\$ 1,983,093	\$ 1,994,138	\$ 2,005,183	\$ 2,016,228	\$ 2,027,274	\$ 2,038,319	\$ 2,049,364	\$ 2,060,410	\$ 2,071,455	\$ 2,082,500	\$ 2,093,546	\$ 2,104,591	\$ 2,115,636	\$2,474,304
\$ 1,187,868	\$ 1,150,578	\$ 1,156,793	\$ 1,163,008	\$ 1,169,223	\$ 1,175,438	\$ 1,181,653	\$ 1,187,868	\$ 1,194,083	\$ 1,200,298	\$ 1,206,513	\$ 1,212,728	\$ 1,218,943	\$ 1,225,158	\$1,637,160
\$ 25,221	\$24,220	\$24,387	\$24,554	\$24,721	\$24,888	\$25,055	\$25,221	\$25,388	\$25,555	\$25,722	\$25,889	\$26,056	\$26,223	\$126,468
\$ 1,521,606	\$1,335,361	\$1,366,402	\$1,397,443	\$1,428,484	\$1,459,524	\$1,490,565	\$1,521,606	\$1,552,647	\$1,583,688	\$1,614,729	\$1,645,770	\$1,676,810	\$1,707,851	\$16,223,083
\$ 46,993	\$43,050	\$43,707	\$44,364	\$45,021	\$45,678	\$46,336	\$46,993	\$47,650	\$48,307	\$48,964	\$49,622	\$50,279	\$50,936	\$550,452
\$ 605,019	\$586,803	\$589,839	\$592,875	\$595,911	\$598,947	\$601,983	\$605,019	\$608,055	\$611,090	\$614,126	\$617,162	\$620,198	\$623,234	\$2,015,891
\$ 3,142	\$2,925	\$2,961	\$2,997	\$3,033	\$3,070	\$3,106	\$3,142	\$3,178	\$3,214	\$3,251	\$3,287	\$3,323	\$3,359	\$10,421

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	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		4,233,154							
1a	Reconductor Doubs - Dickerson and Doubs - Aqu	b0238		533,171	0.13	551,293	520,002	31,291	2,117.91	33,409
1b	Convert Doubs - Monocacy 138kV facilities to 230	b0373		346,406	0.08	358,180	323,726	34,453	2,331.92	36,785
1c	Terminal Equipment upgrade at Doubs substation	b1507.2		18,750	0.00	19,387	18,390	997	67.49	1,065
1d	Mt Storm - Doubs transmission line rebuild in May	b1507.3		2,381,444	0.58	2,462,385	2,401,068	61,317	4,150.16	65,467
1e	Reconductor 14.3 miles of 556 ACSR with 795 A	b1835		1,908	0.00	1,973	1,831	143	9.65	152
1f	Carroll Substation: Replace the Germantown 138kV	b2688.3		79,374	0.02	82,072	76,517	5,555	375.98	5,931
1g	Replace Meadow Brook 138kV breaker	b0347.17-b0347.32		191,361	0.05	197,865	306,371	(108,506)	(7,344.02)	(115,850)
1h	Replace the two Ringgold 230/138 kV transformers	b2743.6, b2743.6.1, b2743.7		485,754	0.12	502,265	-	502,265	33,994.94	536,259
1i	Replace Ringgold Substation 138 kV breakers '1:	b2743.8		55,836	0.01	57,733	-	57,733	3,907.59	61,641
3	Subtotal			4,094,005			3,647,905	585,249		624,861
4	Total Interest (Sourced from Attachment 13a, line 46)									39,611.63

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] \$44,040,930	-	2022 Revenue Requirement Collected by PJM Based on Forecast filed on Oct 31, 2021 Note [b] \$52,666,048	=	True-up Adjustment - Over (Under) Recovery \$8,625,118
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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	0.2740%	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			\$8,625,118		
47	Interest			\$583,777		
48	Total Over (Under) Recovery plus True-Up with Interest			\$9,208,894		

[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] \$3,647,905	-	2022 Revenue Requirement Collected by PJM Based on Forecast filed on Oct 31, 2021 Note [b] \$4,233,154	=	True-up Adjustment - Over (Under) Recovery \$585,249
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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			\$585,249		
47	Interest			\$39,612		
48	Total Over (Under) Recovery plus True-Up with Interest			\$624,861		

[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)		(C)	(D)	(E)		
		PJM Bill						
		NITS Charge Code (A)	-	True-up (B)	-	Other (C)	=	Total
1	January	4,373,950						4,373,950
2	February	3,950,665						3,950,665
3	March	4,373,950						4,373,950
4	April	4,232,855						4,232,855
5	May	4,373,950						4,373,950
6	June	4,232,855						4,232,855
7	July	4,373,950						4,373,950
8	August	4,373,950						4,373,950
9	September	4,232,855						4,232,855
10	October	4,373,950						4,373,950
11	November	4,232,855						4,232,855
12	December	4,373,950						4,373,950
13	Total	51,499,734		-		(1,166,314)		52,666,048

	Month	PJM Bill		True-up (B)	Other (C)	Total		
		TEC Charge Code (A)	-					
14	January	341,167				341,167		
15	February	341,167				341,167		
16	March	341,167				341,167		
17	April	341,167				341,167		
18	May	341,167				341,167		
19	June	341,167				341,167		
20	July	341,167				341,167		
21	August	341,167				341,167		
22	September	341,167				341,167		
23	October	341,167				341,167		
24	November	341,167				341,167		
25	December	341,167				341,167		
26	Total	4,094,005		-		(139,149)		4,233,154

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)	Alicator utilized (F)	Other Rate Base Items												Average (a)	
			(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)		(O)
			2021	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022
			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	
1	Prepayments - FERC Account No. 166 (d) (a)															
1.01	Prepayments	GP	48,967	68,331	63,621	58,388	54,126	48,441	35,654	256,631	226,786	199,723	211,484	183,846	156,656	124,035
2	Sum of Lines 1.01 through 1.02		48,967	68,331	63,621	58,388	54,126	48,441	35,654	256,631	226,786	199,723	211,484	183,846	156,656	124,035
2.01	FERC Form No. 1, p.111.57.c & d															
3	Materials & Supplies - FERC Account No. 154															
	FERC Form No. 1, p.227.c & 16.c															
4	Land held for Future Use - FERC Account No. 105															
	FERC Form No. 1, p.214.d															
5	Unfunded Reserve															
6	FERC Account No. 228.1 (d)															
6.01	Accumulated Provision for injuries and damages	W/S	(312)	(421)	(312)	(519)	-	-	-	-	-	-	-	-	-	(120)
6.02	Accumulated Provision for workers compensation	W/S	(65,920)	(65,920)	(65,920)	(64,030)	(64,030)	(64,030)	(64,558)	(64,558)	(64,558)	(65,759)	(65,759)	(65,759)	(62,870)	(64,908)
7	Sum of Lines 6.01 through 6.02		(66,232)	(66,341)	(66,232)	(64,549)	(64,030)	(64,030)	(64,558)	(64,558)	(64,558)	(65,759)	(65,759)	(65,759)	(62,870)	(65,018)
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	(567,379)	(628,695)	(65,620)	(70,101)	(102,911)	(135,721)	(178,123)	(207,810)	(237,497)	(236,772)	(263,080)	(289,388)	(337,786)	(255,463)
14.02	Sum of Lines 14.01 through 14.02		(567,379)	(628,695)	(65,620)	(70,101)	(102,911)	(135,721)	(178,123)	(207,810)	(237,497)	(236,772)	(263,080)	(289,388)	(337,786)	(255,463)
15																
16	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 13 + Line 15 + Line 17)															(320,471)

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) Alicator utilized are TC, TP, GP, WC, 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	650		10		5 108	541	N
1b	Accrued Taxes: Tax Audit Reserves	20,166		10		5 3,361	16,805	N
1c	Accum Prov For Inj and Damage-Workers Comp	3,884		10		5 647	3,236	N
1d	Accum Prov: Asbestos Accrual	66,661		10		5 11,110	55,551	N
1e	Capital Loss Carryforward - WV RTA	32		10		5 5	26	N
1f	Capital Loss Carryforward State & Local RTA	(104)		10		5 (17)	(87)	N
1g	Deferred Compensation Expense	3,065		10		5 511	2,554	N
1h	FAS 112 - Medical Benefit Accrual	5,309		10		5 885	4,424	N
1i	FAS 123R - Performance Shares	1,156		10		5 193	964	N
1j	FE Service Timing Allocation	17,781		10		5 2,963	14,817	N
1k	Federal Long Term - Unprotected	29,252		10		5 4,875	24,376	N
1l	Federal Long Term - Protected	264,360		10		5 44,060	220,300	N
1m	Incentive Compensation	24,570		10		5 4,095	20,475	N
1n	NOL Deferred Tax Asset - LT VA	(808)		10		5 (135)	(673)	N
1o	NOL Deferred Tax Asset - LT WV	(7,479)		10		5 (1,247)	(6,233)	N
1p	Pension EDCP-SERP Payments	2,776		10		5 463	2,314	N
1q	Pensions Expense	190,286		10		5 31,714	158,572	N
1r	SCO1 Timing Allocation	2,018		10		5 336	1,682	N
1s	Vacation Pay Accrual	5,525		10		5 921	4,604	N
1t	WV STIP	(1,016)		10		5 (169)	(846)	N
2 Account 282								
2a							-	
3 Account 283								
3a	Deferred Charge-EIB	(25,011)		10		5 (4,169)	(20,843)	N
3b	Misc Current Liability	(589)		10		5 (98)	(491)	N
3c	Pension/OPEB : Other Def Cr. or Dr.	(73,218)		10		5 (12,203)	(61,015)	N
3d	State Income Tax Deductible	27,869		10		5 4,645	23,224	N
3e	Storm Damage	(19,149)		10		5 (3,191)	(15,957)	N
3f	Vegetation Management	327,967		10		5 54,661	273,306	N
4 Non-property gross up for Taxes								
		322,525	1,714			54,040	270,199	N & P
5 Total Non-Property								
		1,188,476	1,714			198,365	991,825	

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	597,857	5,423,365	ARAM	ARAM	625,354	5,395,868	N & P
7	Property Book-Tax Timing Difference - Account 282	(30,844,689)	(5,639,574)	ARAM	ARAM	(740,991)	(35,743,272)	N & P
8	Property Book-Tax Timing Difference - Account 283			ARAM	ARAM		-	N & P
9	Property Gross up for Taxes	(11,265,485)	(140,822)			(43,298)	(11,363,009)	N & P
10	Total Property (Total of lines 6 thru 9)	(41,512,317)	(357,031)			(158,935)	(41,710,413)	
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)								
						28,688		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 effectuated 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. ARD related EDIT shall not be included within the formula rate.

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	
<u>Ln.</u>	<u>Project ID</u>	<u>Text Description</u>	<u>December 31</u>	<u>January 31</u>	<u>February 28/29</u>	<u>March 31</u>	<u>April 30</u>	<u>May 31</u>	<u>June 30</u>	<u>July 31</u>	<u>August 31</u>	<u>September 30</u>	<u>October 31</u>	<u>November 30</u>	<u>December 31</u>	<u>Average (a)</u>
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

	Maryland	Virginia	West Virginia	Combined Rate
Nominal State Income Tax Rate	8.25%	6.00%	6.50%	
Times Apportionment Percentage	64.89%	1.51%	37.82%	
Combined State Income Tax Rate	5.353%	0.090%	2.459%	7.902%

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

Line	FERC A/C	(A) Title	(B) FERC Form No. 1 Citation	(C) FERC Form No.		(D) TE Allocator	(E) Total		(F) Transmission Exclusions (a) (d)	(G) To Revenue Req.	(H)	(I)	(J)	(K)
				1 Balance	x		Transmission	-						
1	560	Operation Supervision and Engineering	Page 321.83.b	96,147	0.98311		94,523			94,523				
2	561.1	Load Dispatch-Reliability	Page 321.85.b	844,490	0.98311		830,227			830,227				
3	561.2	Load Dispatch-Monitor and Operate Transmission System	Page 321.86.a	-	0.98311		-			-				
4	561.3	Load-Dispatch-Transmission Service and Scheduling	Page 321.87.b	-	0.98311		-			-				
5	561.4	Scheduling, System Control and Dispatch Services	Page 321.88.b	14,606	0.98311		14,359	14,359		-				
6	561.5	Reliability, Planning and Standards Development	Page 321.89.b	41,276	0.98311		40,579			40,579				
7	561.6	Transmission Service Studies	Page 321.90.b	3,232	0.98311		3,177			3,177				
8	561.7	Generation Interconnection Studies	Page 321.91.b	(42,669)	0.98311		(41,948)			(41,948)				
9	561.8	Reliability, Planning and Standards Development Services	Page 321.92.b	626	0.98311		615	615		-				
10	562	Station Expenses	Page 321.93.b	1,244,387	0.98311		1,223,371			1,223,371				
11	563	Overhead Lines Expense	Page 321.94.b	958,675	0.98311		942,484			942,484				
12	564	Underground Lines Expense	Page 321.95.b	-	0.98311		-			-				
13	565	Transmission of Electricity by Others	Page 321.96.b	32,598,557	0.98311		32,048,801	32,048,801		-				
14	566	Miscellaneous Transmission Expense	Page 321.97.b	1,763,821	0.98311		1,734,032		3,111	1,730,921				
15	567	Rents	Page 321.98.b	370,634	0.98311		364,374			364,374				
16	568	Maintenance Supervision and Engineering	Page 321.101.b	719,842	0.98311		707,685			707,685				
17	569	Maintenance of Structures	Page 321.102.b	-	0.98311		-			-				
18	569.1	Maintenance of Computer Hardware	Page 321.103.b	9,479	0.98311		9,319			9,319				
19	569.2	Maintenance of Computer Software	Page 321.104.b	9,844	0.98311		9,678			9,678				
20	569.3	Maintenance of Communication Equipment	Page 321.105.b	13	0.98311		13			13				
21	569.4	Maintenance of Miscellaneous Regional Transmission Plant	Page 321.106.b	-	0.98311		-			-				
22	570	Maintenance of Station Equipment	Page 321.107.b	2,242,833	0.98311		2,204,954			2,204,954				
23	571	Maintenance of Overhead Lines	Page 321.108.b	9,029,986	0.98311		8,877,479	2,058,587		6,818,892				
24	572	Maintenance of Underground Lines	Page 321.109.b	2,154	0.98311		2,118			2,118				
25	573	Maintenance of Miscellaneous Transmission Plant	Page 321.110.b	94,566	0.98311		92,969			92,969				
26		Sum of Lines 1 through 25		50,002,499			49,158,009		34,124,675	15,033,334				

Line	FERC A/C	(A) Title	(B) FERC Form No. 1 Citation	(C) FERC Form No.		(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.
				1 Balance	x						
27	920	Administrative and General Salaries	Page 323.181.b	12,744,336	0.10389		12,744,336	1,324,064		1,324,064	
28	921	Office Supplies and Expenses	Page 323.182.b	558,454	0.1039		558,454	58,018	23,458	34,560	
29	Less 922	Administrative Expenses Transferred - Credit	Page 323.183.b	(5,319,970)	0.1039		(5,319,970)	(552,715)		(552,715)	
30	923	Outside Services Employed	Page 323.184.b	19,050,547	0.1039		19,050,547	1,979,244	148,175	1,831,069	
31	924	Property Insurance	Page 323.185.b	401,758	0.1039		401,758	41,740		41,740	
32	925	Injuries and Damages	Page 323.186.b	1,302,942	0.1039		1,302,942	135,368		135,368	
33	926	Employees Pensions and Benefits	Page 323.187.b	(6,351,959)	0.1039		(6,351,959)	(659,932)	(48,333)	(611,599)	
34	927	Franchise Requirements	Page 323.188.b	-	0.1039		-	-		-	
35	928	Regulatory Commission Expense	Page 323.189.b	2,308,937	1.0000	2,308,937	-	-		-	
36	Less 929	(Less) Duplicate Charges-Cr.	Page 323.190.b	-	0.1039		-	-		-	
37	930.1	General Advertising Expenses	Page 323.191.b	156,193	0.1039		156,193	16,228	16,228	-	
38	930.2	Miscellaneous General Expenses	Page 323.192.b	671,110	0.1039		671,110	69,725	20,987	48,737	
39	931	Rents	Page 323.193.b	404,111	0.1039		404,111	41,985	12,710	29,275	
40	935	Maintenance of General Plant	Page 323.196.b	541,131	0.1039		541,131	56,220		56,220	
41		Sum of Lines 27 through 40		26,467,570		2,308,937	24,158,633	2,509,945	173,224	2,336,720	
42										Total OpEx (Line 26 + Line 41) \$17,370,055	

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.