

October 5, 2022

To: Parties to FERC Docket No. ER17-211-000**Re: Mid-Atlantic Interstate Transmission, LLC
PJM Open Access Transmission Tariff, Attachment H-28
Projected Transmission Revenue Requirement for Rate Year 2023**

Pursuant to Section II.D of the Formula Rate Implementation Protocols (“Protocols”) set forth in Attachment H-28B of the PJM Interconnection, L.L.C. (“PJM”) Open Access Transmission Tariff (“OATT”), Mid-Atlantic Interstate Transmission, LLC (“MAIT”) is submitting its Projected Transmission Revenue Requirement for Rate Year 2023 (“2023 PTRR”) to PJM for posting.

The 2023 PTRR was developed pursuant to the MAIT formula rate as set forth in Attachment H-28 of the PJM OATT. MAIT has asked PJM to post a copy of the 2023 PTRR to the transmission service formula rates section of its internet site, located at:

<http://www.pjm.com/markets-and-operations/billing-settlements-and-credit/formula-rates.aspx>

A copy of the 2023 PTRR is attached. Pursuant to Section II.I of the Protocols, MAIT will hold an open meeting among Interested Parties (“Annual Projected Rate Meeting”) no earlier than ten (10) business days following this posting and no later than November 30. No fewer than seven (7) days prior to such Annual Projected Rate Meeting, MAIT will provide notice on PJM’s website of the time, date, and webcast registration information of the Annual Projected Rate Meeting.

Formula Rate - Non-Levelized

Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2023

Line No.	(1)	(2)	(3)	(4)	(5)
			Total	Allocator	Allocated Amount
1	GROSS REVENUE REQUIREMENT [page 3, line 43, col 5]				\$ 377,102,128
	REVENUE CREDITS	(Note T)			
2	Account No. 451	(page 4, line 29)	-	TP 1.00000	-
3	Account No. 454	(page 4, line 30)	3,761,088	TP 1.00000	3,761,088
4	Account No. 456	(page 4, line 31)	3,523,042	TP 1.00000	3,523,042
5	Revenues from Grandfathered Interzonal Transactions		-	TP 1.00000	-
6	Revenues from service provided by the ISO at a discount		-	TP 1.00000	-
7	TEC Revenue	Attachment 11, Page 2, Line 3, Col. 12	30,802,529	TP 1.00000	30,802,529
8	TOTAL REVENUE CREDITS (sum lines 2-7)		38,086,659		38,086,659
9	True-up Adjustment with Interest	Attachment 13, Line 28			(31,962,675)
10	NET REVENUE REQUIREMENT (Line 1 - Line 8 + Line 9)				\$ 307,052,794
	DIVISOR				
11	1 Coincident Peak (CP) (MW)			(Note A)	5,851.6
12	Average 12 CPs (MW)			(Note CC)	5,082.4
			Total		
13	Annual Rate (\$/MW/Yr)	(line 10 / line 11)	52,473.31		
			Peak Rate		Off-Peak Rate
			Total		Total
14	Point-to-Point Rate (\$/MW/Year)	(line 10 / line 12)	60,414.92		60,414.92
15	Point-to-Point Rate (\$/MW/Month)	(line 14/12)	5,034.58		5,034.58
16	Point-to-Point Rate (\$/MW/Week)	(line 14/52)	1,161.83		1,161.83
17	Point-to-Point Rate (\$/MW/Day)	(line 16/5; line 16/7)	232.37		165.98
18	Point-to-Point Rate (\$/MWh)	(line 14/4,160; line 14/8,760)	14.52		6.90

Formula Rate - Non-Levelized

Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2023

Line No.	(1) RATE BASE:	(2) Source	Mid-Atlantic Interstate Transmission, LLC		(5) Transmission (Col 3 times Col 4)
			(3) Company Total	(4) Allocator	
GROSS PLANT IN SERVICE					
1	Production	Attachment 3, Line 14, Col. 1 (Notes U & X)	-	NA	
2	Transmission	Attachment 3, Line 14, Col. 2 (Notes U & X)	2,719,503,479	TP	2,719,503,479
3	Distribution	Attachment 3, Line 14, Col. 3 (Notes U & X)	-	NA	
4	General & Intangible	Attachment 3, Line 14, Col. 4 & 5 (Notes U & X)	168,774,480	W/S	168,774,480
5	Common	Attachment 3, Line 14, Col. 6 (Notes U & X)	-	CE	-
6	TOTAL GROSS PLANT (sum lines 1-5)		<u>2,888,277,959</u>	GP=	<u>2,888,277,959</u>
ACCUMULATED DEPRECIATION					
7	Production	Attachment 4, Line 14, Col. 1 (Notes U & X)	-	NA	
8	Transmission	Attachment 4, Line 14, Col. 2 (Notes U & X)	358,966,031	TP	358,966,031
9	Distribution	Attachment 4, Line 14, Col. 3 (Notes U & X)	-	NA	
10	General & Intangible	Attachment 4, Line 14, Col. 4 & 5 (Notes U & X)	38,401,678	W/S	38,401,678
11	Common	Attachment 4, Line 14, Col. 6 (Notes U & X)	-	CE	-
12	TOTAL ACCUM. DEPRECIATION (sum lines 7-11)		<u>397,367,709</u>		<u>397,367,709</u>
NET PLANT IN SERVICE					
13	Production	(line 1 - line 7)	-		
14	Transmission	(line 2 - line 8)	2,360,537,448		2,360,537,448
15	Distribution	(line 3 - line 9)	-		
16	General & Intangible	(line 4 - line 10)	130,372,803		130,372,803
17	Common	(line 5 - line 11)	-		-
18	TOTAL NET PLANT (sum lines 13-17)		<u>2,490,910,250</u>	NP=	<u>2,490,910,250</u>
ADJUSTMENTS TO RATE BASE					
19	Account No. 281 (enter negative)	Attachment 5, Line 3, Col. 1 (Notes F & Y & DD)	-	NA	
20	Account No. 282 (enter negative)	Attachment 5, Line 3, Col. 2 (Notes F & Y & DD)	(416,020,242)	NP	(416,020,242)
21	Account No. 283 (enter negative)	Attachment 5, Line 3, Col. 3 (Notes F & Y & DD)	(2,093,911)	NP	(2,093,911)
22	Account No. 190	Attachment 5, Line 3, Col. 4 (Notes F & Y & DD)	15,396,332	NP	15,396,332
23	Account No. 255 (enter negative)	Attachment 5, Line 3, Col. 5 (Notes F & Y & DD)	-	NP	-
24	Unfunded Reserve Plant-related (enter negative)	Attachment 14, Line 9, Col. G (Note Y)	-	DA	-
25	Unfunded Reserve Labor-related (enter negative)	Attachment 14, Line 10, Col. G (Note Y)	-	DA	-
26	CWIP	216.b (Notes X & Z)	-	DA	-
27	Unamortized Regulatory Asset	Attachment 16a, 16b, 16c, line 15, Col. 7 (Notes X)	895,871	DA	895,871
28	Unamortized Abandoned Plant	Attachment 17, Line 15, Col. 7 (Notes X & BB)	-	DA	-
29	TOTAL ADJUSTMENTS (sum lines 19-28)		<u>(401,821,951)</u>		<u>(401,821,951)</u>
30	LAND HELD FOR FUTURE USE	214.x.d (Attachment 14, Line 1, Col. D) (Notes G & Y)	-	TP	-
31	WORKING CAPITAL (Note H)				
32	CWC	1/8*(Page 3, Line 15 minus Page 3, Lines 11 & 12)	11,391,364		11,150,440
33	Materials & Supplies (Note G)	227.8.c & .16.c (Attachment 14, Line 2, Col. D) (Note Y)	-	TE	-
34	Prepayments (Account 165)	111.57.c (Attachment 14, Line 3, Col. D) (Notes B & Y)	999,528	GP	999,528
35	TOTAL WORKING CAPITAL (sum lines 32 - 34)		<u>12,390,892</u>		<u>12,149,968</u>
36	RATE BASE (sum lines 18, 29, 30, & 35)		<u>2,101,479,191</u>		<u>2,101,238,267</u>

Formula Rate - Non-Levelized

Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2023

Line No.	(1)	(2)	(3)	(4)	(5)
		Source	Company Total	Allocator	Transmission (Col 3 times Col 4)
O&M					
1	Transmission	321.112.b (Attachment 20, page 1, line 112)	85,594,804	TE	0.97748
2	Less LSE Expenses Included in Transmission O&M Accounts (Note W)		-	DA	1.00000
3	Less Account 565	321.96.b	-	DA	1.00000
4	Less Account 566	321.97.b	9,015,803	DA	1.00000
5	A&G	323.197.b (Attachment 20, page 2, line 197)	9,963,382	W/S	1.00000
6	Less FERC Annual Fees		-	W/S	1.00000
7	Less EPRI & Reg. Comm. Exp. & Non-safety Ad. (Note I)		175,049	W/S	1.00000
8	Plus Transmission Related Reg. Comm. Exp. (Note I)		-	TE	0.97748
9	PBOP Expense Adjustment in Year	Attachment 6, Line 9	(1,103,261)	DA	1.00000
10	Common	356.1	-	CE	1.00000
11	Account 407.3 Amortization of Regulatory Assets	Attachment 16a, 16b, 16c, Line 15, Col. 5	597,247	DA	1.00000
12	Account 566 Amortization of Regulatory Assets	321.97.b (notes)	-	DA	1.00000
13	Acct. 566 Miscellaneous Transmission Expense (less amortization of regulatory asset)	321.97.b - line 12	9,015,803	DA	1.00000
14	Total Account 566 (sum lines 12 & 13, ties to 321.97.b)		9,015,803		
15	Total O&M (sum lines 1, 5, 8, 9, 10, 11, 14 less 2, 3, 4, 6, 7)		94,877,123		92,949,727
DEPRECIATION AND AMORTIZATION EXPENSE					
16	Transmission	336.7.b (Note U)	59,979,286	TP	1.00000
17	General & Intangible	336.1.f & 336.10.f (Note U)	12,656,291	W/S	1.00000
18	Common	336.11.b (Note U)	-	CE	1.00000
19	Amortization of Abandoned Plant	Attachment 17, Line 15, Col. 5 (Note BB)	-	DA	1.00000
20	TOTAL DEPRECIATION (sum lines 16 - 19)		72,635,577		72,635,577
TAXES OTHER THAN INCOME TAXES (Note J)					
LABOR RELATED					
21	Payroll	263.i (Attachment 7, line 1z)	608,294	W/S	1.00000
22	Highway and vehicle	263.i (Attachment 7, line 2z)	-	W/S	1.00000
PLANT RELATED					
24	Property	263.i (Attachment 7, line 3z)	115,800	GP	1.00000
25	Gross Receipts	263.i (Attachment 7, line 4z)	-	NA	-
26	Other	263.i (Attachment 7, line 5z)	-	GP	1.00000
27	Payments in lieu of taxes	Attachment 7, line 6z	-	GP	1.00000
28	TOTAL OTHER TAXES (sum lines 21 - 27)		724,094		724,094
INCOME TAXES (Note K)					
29	$T = 1 - \{(1 - \text{SIT}) * (1 - \text{FIT})\} / (1 - \text{SIT} * \text{FIT} * p) =$		28.10%		
30	$\text{CIT} = (T - 1) * (1 - \text{WCLTD} / R) =$		31.20%		
where WCLTD = (page 4, line 22) and R = (page 4, line 25) and FIT, SIT & p are as given in footnote K.					
31	$1 / (1 - T) =$ (from line 29)		1.3909		
32	Amortized Investment Tax Credit (266.8.f) (enter negative)		(99,685)		
33	Tax Effect of Permanent Differences and AFUDC Equity (Attachment 15, Line 1, Col. 3) [Notes D & Y]		401,842		
34	(Excess)/Deficient Deferred Income Taxes (Attachment 15, Lines 2 & 3, Col. 3) [Notes E & Y]		(1,352,984)		
35	Income Tax Calculation = line 30 * line 40		50,486,051	NA	50,480,263
36	ITC adjustment (line 31 * line 32)		(138,648)	NP	(138,648)
37	Permanent Differences and AFUDC Equity Tax Adjustment (line 31 * line 33)		558,906	DA	558,906
38	(Excess)/Deficient Deferred Income Tax Adjustment (line 31 * line 34)		(1,881,813)	DA	(1,881,813)
39	Total Income Taxes	sum lines 35 through 38	49,024,497		49,018,709
40	RETURN	[Rate Base (page 2, line 36) * Rate of Return (page 4, line 25)]	161,792,569.99	NA	161,774,021
GROSS REV. REQUIREMENT (WITHOUT INCENTIVE)					
41	INCENTIVE	(sum lines 15, 20, 28, 39, 40)	379,053,860		377,102,128
42	ADDITIONAL INCENTIVE REVENUE	Attachment 11, page 2, line 4, col 11 (Note AA)	0		0
43	GROSS REV. REQUIREMENT	(line 41 + line 42)	379,053,860		377,102,128

Formula Rate - Non-Levelized

Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2023

Mid-Atlantic Interstate Transmission, LLC

Line No.	(1)	(2)	(3)	(4)	(5)	(6)
SUPPORTING CALCULATIONS AND NOTES						
TRANSMISSION PLANT INCLUDED IN ISO RATES						
1	Total transmission plant (page 2, line 2, column 3)					2,719,503,479
2	Less transmission plant excluded from ISO rates (Note M)					-
3	Less transmission plant included in OATT Ancillary Services (Note N)					-
4	Transmission plant included in ISO rates (line 1 less lines 2 & 3)					2,719,503,479
5	Percentage of transmission plant included in ISO Rates (line 4 divided by line 1)				TP=	1.00000
TRANSMISSION EXPENSES						
6	Total transmission expenses (page 3, line 1, column 3)					85,594,804
7	Less transmission expenses included in OATT Ancillary Services (Note L)					1,927,396
8	Included transmission expenses (line 6 less line 7)					83,667,408
9	Percentage of transmission expenses after adjustment (line 8 divided by line 6)					0.97748
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=	0.97748
WAGES & SALARY ALLOCATOR (W&S)						
		Form 1 Reference	\$	TP	Allocation	
12	Production	354.20.b	-	0.00	-	
13	Transmission	354.21.b	-	1.00	-	
14	Distribution	354.23.b	-	0.00	-	W&S Allocator
15	Other	354.24,25,26.b	-	0.00	-	(\$ / Allocation)
16	Total (sum lines 12-15)		-		-	= 1.00000 = WS
COMMON PLANT ALLOCATOR (CE) (Note O)						
			\$		% Electric	W&S Allocator
17	Electric	200.3.c	-		(line 17 / line 20)	(line 16)
18	Gas	201.3.d	-		1.00000 *	1.00000
19	Water	201.3.e	-			=
20	Total (sum lines 17 - 19)		-			CE 1.00000
RETURN (R)						
21	Preferred Dividends (118.29c) (positive number)					-
WEIGHTED COST						
			\$	(Note C)	Cost	Weighted
22	Long Term Debt (112.24.c) (Attachment 8, Line 14, Col. 7) (Note X)		952,268,548	40%	0.0385	0.0155 =WCLTD
23	Preferred Stock (112.3d) (Attachment 8, Line 14, Col. 2) (Note X)		-	0%	0.0000	0.0000
24	Common Stock (Attachment 8, Line 14, Col. 6) (Note X)		1,409,168,195	60%	0.1030	0.0615
25	Total (sum lines 22-24)		2,361,436,743			0.0770 =R
REVENUE CREDITS						
ACCOUNT 447 (SALES FOR RESALE)						
26	a. Bundled Non-RQ Sales for Resale (311.x.h)	(310-311)		(Note Q)		-
27	b. Bundled Sales for Resale included in Divisor on page 1					-
28	Total of (a)-(b)					-
29	ACCOUNT 451 (MISCELLANEOUS SERVICE REVENUE) (Note S)			(300.17.b) (Attachment 21, line 1z)		-
30	ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY) (Note R)			(300.19.b) (Attachment 21, line 2z)		3,761,088
31	ACCOUNT 456 (OTHER ELECTRIC REVENUE) (Note V)			(330.x.n) (Attachment 21, line 3z)		3,523,042

Formula Rate - Non-Levelized

Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2023

Mid-Atlantic Interstate Transmission, LLC

General Note: References to pages in this formulary rate are indicated as: (page#, line#, col.#)
References to data from FERC Form 1 are indicated as: #.y.x (page, line, column)

Note
Letter

- A As provided by PJM and in effect at the time of the annual rate calculations pursuant to Section 34.1 of the PJM OATT. Includes combined CPs for Met-Ed and Penelec zones.
 - B Prepayments shall exclude prepayments of income taxes.
 - C In its order approving the transfer of Penelec's and Met-Ed's transmission assets to MAIT, the Commission approved MAIT's commitment to apply a 50 percent equity/50 percent debt capital structure for ratemaking purposes for a two-year transition period. Pennsylvania Electric, 154 FERC ¶ 61,109 at P 51. Consequently, for the first two years (i.e., calendar years 2017 and 2018) the hypothetical capital structure will be used instead of the actual calculation. Per the Settlement Agreement in docket number ER17-211-000, beginning in calendar year 2019, the equity component of MAIT's capital structure to be used in calculating charges under the formula rate shall be the lower of (i) MAIT's actual equity component as calculated in accordance with Attachment 8 or (ii) 60%.
 - 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.
 - E Upon enactment of changes in tax law, income tax rates (including changes in apportionment) 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. Amounts to be included will be January 1, 2017 and thereafter.
 - F The balances in Accounts 190, 281, 282 and 283, should exclude all FASB 106 or 109 related amounts. 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 K. Account 281 is not allocated.
 - G Identified in Form 1 as being only transmission related.
 - H Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission at page 3, line 15, column 5 minus amortization of regulatory assets (page 3, lines 11 & 12, col. 5). Prepayments are the electric related prepayments booked to Account No. 165 and reported on Page 111, line 57 in the Form 1.
 - I Line 7 - EPRI Annual Membership Dues listed in Form 1 at 353.f all Regulatory Commission Expenses itemized at 351.h, and non-safety related advertising included in Account 930.1. Line 8 - Regulatory Commission Expenses directly related to transmission service, ISO filings, or transmission siting itemized at 351.h.
 - J Includes only FICA, unemployment, highway, property, gross receipts, and other assessments charged in the current year. Taxes related to income are excluded. Gross receipts taxes are not included in transmission revenue requirement in the Rate Formula Template, since they are recovered elsewhere.
 - K The currently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and p = "the percentage of federal income tax deductible for state income taxes". If the utility is taxed in more than one state it must attach a work paper showing the name of each state and how the blended or composite SIT was developed. Furthermore, a utility that elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f) multiplied by (1/1-T) (page 3, line 31).
- | | | |
|--------|-------|---------------------------------------------------------------|
| Inputs | FIT = | 21.00% |
| | SIT = | 8.99% (State Income Tax Rate or Composite SIT) |
| | p = | (percent of federal income tax deductible for state purposes) |
- L 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.
 - M 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).
 - N 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.
 - O Enter dollar amounts
 - P Debt cost rate will be set at 4.5% until such time as debt is issued by MAIT. Once debt is issued, the long-term debt cost rate will be the weighted average of the rates for all outstanding debt instruments, calculated within Attachment 10, col. j. Consistent with Note C, there will be no preferred stock cost, consistent with MAIT's commitment to use a hypothetical 50%/50% capital structure until calendar year 2019. Thereafter, Preferred cost rate = preferred dividends (line 21) / preferred outstanding (line 23). No change in ROE may be made absent a filing with FERC under Section 205 or Section 206 of the Federal Power Act. Per the Settlement Agreement in Docket No. ER17-211-000, MAIT's stated ROE is set to 10.30% (9.8% base ROE plus 50 basis point adder for RTO participation).
 - Q Line 28 must equal zero since all short-term power sales must be unbundled and the transmission component reflected in Account No. 456.1 and all other uses are to be included in the divisor.
 - R Includes income related only to transmission facilities, such as pole attachments, rentals and special use.
 - S Excludes revenues unrelated to transmission services.
 - T The revenues credited on page 1, lines 2-6 shall include only the amounts received directly (in the case of grandfathered agreements) or from the ISO (for service under this tariff) reflecting the Transmission Owner's integrated transmission facilities. They do not include revenues associated with FERC annual charges, gross receipts taxes, ancillary services, or facilities not included in this template (e.g., direct assignment facilities and GSUs) which are not recovered under this Rate Formula Template. The revenue on line 7 is supported by its own reference.
 - U Plant in Service, Accumulated Depreciation, and Depreciation Expense amounts exclude Asset Retirement Obligation amounts unless authorized by FERC.
 - V On Page 4, Line 31, enter revenues from RTO settlements that are associated with NITS and firm Point-to-Point Service for which the load is not included in the divisor to derive Met-Ed's and Penelec's zonal rates. Exclude non-firm Point-to-Point revenues and revenues related to RTEP projects.
 - W Account Nos. 561.4, 561.8, and 575.7 consist of RTO expenses billed to load-serving entities and are not included in Transmission Owner revenue requirements.
 - X Calculate using a 13 month average balance.
 - Y Calculate using average of beginning and end of year balance.
 - Z Includes only CWIP authorized by the Commission for inclusion in rate base.
 - AA Any actual ROE incentive must be approved by the Commission; therefore, line will remain zero until a project(s) is granted an ROE incentive adder.
 - BB Unamortized Abandoned Plant and Amortization of Abandoned Plant will be zero until the Commission accepts or approves recovery of the cost of abandoned plant. Utility must submit a Section 205 filing to recover the cost of abandoned plant.
 - CC Peak as would be reported on page 401, column d of Form 1 at the time of Met-Ed's and Penelec's zonal peak for the twelve month period ending October 31 of the calendar year used to calculate rates. The projection year will utilize the most recent preceding 12-month period at the time of the filing.
 - DD Includes transmission-related balance only.

Schedule 1A Rate Calculation

1	\$	1,927,396	Attachment H-28A, Page 4, Line 7
2		120,638	Revenue Credits for Sched 1A - Note A
3	\$	1,806,758	Net Schedule 1A Expenses (Line 1 - Line 2)
4		33,337,218	Annual MWh in Met-Ed and Penelec Zones - Note B
5	\$	0.0542	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 Met-Ed's and Penelec's zones during the year used to calculate rates under Attachment H-28A.
- B Load expressed in MWh consistent with load used for billing under Schedule 1A for the Met-Ed and Penelec zones. Data from RTO settlement systems for the calendar year prior to the rate year.

Incentive ROE Calculation

Return Calculation		Source Reference		
1	Rate Base	Attachment H-28A, page 2, Line 36, Col. 5	2,101,238,267	
2	Preferred Dividends	enter positive	0	
Common Stock				
3	Proprietary Capital	Attachment 8, Line 14, Col. 1	1,632,760,165	
4	Less Preferred Stock	Attachment 8, Line 14, Col. 2	0	
5	Less Accumulated Other Comprehensive Income Account 219	Attachment 8, Line 14, Col. 4	0	
6	Less Account 216.1 & Goodwill	Attachment 8, Line 14, Col. 3 & 5	223,591,970	
7	Common Stock	Attachment 8, Line 14, Col. 6	1,409,168,195	
Capitalization				
8	Long Term Debt	Attachment H-28A, page 4, Line 22, Col. 3	952,268,548	
9	Preferred Stock	Attachment H-28A, page 4, Line 23, Col. 3	0	
10	Common Stock	Attachment H-28A, page 4, Line 24, Col. 3	1,409,168,195	
11	Total Capitalization	Attachment H-28A, page 4, Line 25, Col. 3	2,361,436,743	
12	Debt %	Total Long Term Debt	Attachment H-28A, page 4, Line 22, Col. 4	40.3258%
13	Preferred %	Preferred Stock	Attachment H-28A, page 4, Line 23, Col. 4	0.0000%
14	Common %	Common Stock	Attachment H-28A, page 4, Line 24, Col. 4	59.6742%
15	Debt Cost	Total Long Term Debt	Attachment H-28A, page 4, Line 22, Col. 5	0.0385
16	Preferred Cost	Preferred Stock	Attachment H-28A, page 4, Line 23, Col. 5	0.0000
17	Common Cost	Common Stock	10.30%	0.1030
18	Weighted Cost of Debt	Total Long Term Debt (WCLTD)	(Line 12 * Line 15)	0.0155
19	Weighted Cost of Preferred	Preferred Stock	(Line 13 * Line 16)	0.0000
20	Weighted Cost of Common	Common Stock	(Line 14 * Line 17)	0.0615
21	Rate of Return on Rate Base (ROR)		(Sum Lines 18 to 20)	0.0770
22	Investment Return = Rate Base * Rate of Return		(Line 1 * Line 21)	161,774,021

Income Taxes			
Income Tax Rates			
23	$T=1 - (((1 - SIT) * (1 - FIT)) / (1 - SIT * FIT * p)) =$	Attachment H-28A, page 3, Line 29, Col. 3	28.10%
24	$CIT=(T/(1-T)) * (1-(WCLTD/R)) =$	Calculated	31.20%
25	$1 / (1 - T) =$ (from line 23)	Attachment H-28A, page 3, Line 31, Col.3	1.3909
26	Amortized Investment Tax Credit (266.8.f) (enter negative)	Attachment H-28A, page 3, Line 32, Col. 3	(99,685.00)
27	Tax Effect of Permanent Differences and AFUDC Equity (Excess)/Deficient Deferred Income Taxes	Attachment H-28A, page 3, Line 33, Col. 3	401,842.02
28	Income Tax Calculation	Attachment H-28A, page 3, Line 34, Col. 3	(1,352,984.01)
29	ITC adjustment	(line 22 * line 24)	50,480,263.30
30	Permanent Differences and AFUDC Equity Tax Adjustment (Excess)/Deficient Deferred Income Tax Adjustment	(line 25 * line 26)	(138,648.00)
31	Total Income Taxes	Attachment H-28A, page 3, Line 37, Col. 3	558,906.48
32		Attachment H-28A, page 3, Line 38, Col. 3	(1,881,812.97)
33		Sum lines 29 to 32	49,018,708.80

Increased Return and Taxes			
34	Return and Income taxes with increase in ROE	(Line 22 + Line 33)	210,792,730.05
35	Return without incentive adder	Attachment H-28A, Page 3, Line 40, Col. 5	161,774,021.25
36	Income Tax without incentive adder	Attachment H-28A, Page 3, Line 39, Col. 5	49,018,708.80
37	Return and Income taxes <u>without</u> increase in ROE	Line 35 + Line 36	210,792,730.05
38	Return and Income taxes with increase in ROE	Line 34	210,792,730.05
39	Incremental Return and incomes taxes for increase in ROE	Line 38 - Line 37	-
40	Rate Base	Line 1	2,101,238,266.79
41	Incremental Return and incomes taxes for increase in ROE divided by rate base	Line 39 / Line 40	-

Notes:
Line 17 to include an incentive ROE that is used only to determine the increase in return and incomes taxes associated with a specific increase in ROE. Any actual ROE incentive must be approved by the Commission. Until an ROE incentive is approved, line 17 will reflect the current ROE.

Gross Plant Calculation

		[1]	[2]	[3]	[4]	[5]	[6]	[7]	
		Production	Transmission	Distribution	Intangible	General	Common	Total	
1	December	2022	-	2,603,846,820	-	55,809,720	103,724,025	-	2,763,380,565
2	January	2023	-	2,611,266,752	-	56,276,406	103,724,808	-	2,771,267,966
3	February	2023	-	2,617,228,630	-	56,498,644	103,725,237	-	2,777,452,510
4	March	2023	-	2,623,132,697	-	61,198,394	103,725,393	-	2,788,056,483
5	April	2023	-	2,654,074,745	-	64,073,160	103,725,395	-	2,821,873,300
6	May	2023	-	2,701,012,066	-	64,294,976	103,725,395	-	2,869,032,437
7	June	2023	-	2,736,297,127	-	64,718,016	103,725,395	-	2,904,740,537
8	July	2023	-	2,756,616,373	-	64,939,524	103,726,282	-	2,925,282,179
9	August	2023	-	2,761,095,347	-	65,161,313	103,727,175	-	2,929,983,835
10	September	2023	-	2,764,123,344	-	65,931,462	107,908,047	-	2,937,962,854
11	October	2023	-	2,781,091,406	-	66,146,298	107,908,279	-	2,955,145,983
12	November	2023	-	2,793,408,982	-	66,358,512	107,908,281	-	2,967,675,775
13	December	2023	-	2,950,350,934	-	77,499,827	107,908,281	-	3,135,759,043
14	13-month Average	[A] [C]	-	2,719,503,479	-	63,762,019	105,012,461	-	2,888,277,959
		Production	Transmission	Distribution	Intangible	General	Common	Total	
		[B] 205.46.g					356.1		
15	December	2022	-	2,603,858,474	-	55,809,720	103,724,025	-	2,763,392,219
16	January	2023	-	2,611,278,407	-	56,276,406	103,724,808	-	2,771,279,620
17	February	2023	-	2,617,240,284	-	56,498,644	103,725,237	-	2,777,464,164
18	March	2023	-	2,623,144,351	-	61,198,394	103,725,393	-	2,788,068,138
19	April	2023	-	2,654,086,400	-	64,073,160	103,725,395	-	2,821,884,954
20	May	2023	-	2,701,023,720	-	64,294,976	103,725,395	-	2,869,044,092
21	June	2023	-	2,736,308,781	-	64,718,016	103,725,395	-	2,904,752,192
22	July	2023	-	2,756,628,027	-	64,939,524	103,726,282	-	2,925,293,833
23	August	2023	-	2,761,107,001	-	65,161,313	103,727,175	-	2,929,995,489
24	September	2023	-	2,764,134,999	-	65,931,462	107,908,047	-	2,937,974,508
25	October	2023	-	2,781,103,061	-	66,146,298	107,908,279	-	2,955,157,638
26	November	2023	-	2,793,420,636	-	66,358,512	107,908,281	-	2,967,687,430
27	December	2023	-	2,950,362,588	-	77,499,827	107,908,281	-	3,135,770,697
28	13-month Average		-	2,719,515,133	-	63,762,019	105,012,461	-	2,888,289,613

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	2022	-	11,654	-	-	-	-
30	January	2023	-	11,654	-	-	-	-
31	February	2023	-	11,654	-	-	-	-
32	March	2023	-	11,654	-	-	-	-
33	April	2023	-	11,654	-	-	-	-
34	May	2023	-	11,654	-	-	-	-
35	June	2023	-	11,654	-	-	-	-
36	July	2023	-	11,654	-	-	-	-
37	August	2023	-	11,654	-	-	-	-
38	September	2023	-	11,654	-	-	-	-
39	October	2023	-	11,654	-	-	-	-
40	November	2023	-	11,654	-	-	-	-
41	December	2023	-	11,654	-	-	-	-
42	13-month Average		-	11,654	-	-	-	-

Notes:

- [A] Included on Attachment H-28A, page 2, lines 1-6, Col. 3
- [B] Reference for December balances as would be reported in FERC Form 1.
- [C] Balance excludes Asset Retirements Costs
- [D] Met-Ed retained 34.5kV lines

Accumulated Depreciation Calculation

		[1]	[2]	[3]	[4]	[5]	[6]	[7]	
		Production	Transmission	Distribution	Intangible	General	Common	Total	
1	December	2022	-	353,167,745	-	16,425,158	15,957,179	-	385,550,082
2	January	2023	-	356,089,641	-	17,092,472	16,236,247	-	389,418,360
3	February	2023	-	358,525,408	-	17,763,895	16,515,346	-	392,804,649
4	March	2023	-	359,981,577	-	18,464,617	16,794,467	-	395,240,662
5	April	2023	-	359,049,567	-	19,210,442	17,073,599	-	395,333,608
6	May	2023	-	356,831,561	-	19,974,702	17,352,731	-	394,158,994
7	June	2023	-	357,485,838	-	20,742,804	17,631,863	-	395,860,505
8	July	2023	-	359,052,078	-	21,514,742	17,910,946	-	398,477,766
9	August	2023	-	361,200,745	-	22,289,319	18,190,042	-	401,680,105
10	September	2023	-	362,734,094	-	23,069,804	18,235,114	-	404,039,012
11	October	2023	-	362,730,305	-	23,856,152	18,579,813	-	405,166,270
12	November	2023	-	363,514,193	-	24,645,045	18,924,529	-	407,083,767
13	December	2023	-	356,195,649	-	25,501,536	19,269,246	-	400,966,431
14	13-month Average	[A] [C]	-	358,966,031	-	20,811,591	17,590,086	-	397,367,708.54

			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	2022	-	353,176,642	-	16,425,158	15,957,179	-	385,558,979
16	January	2023	-	356,098,557	-	17,092,472	16,236,247	-	389,427,276
17	February	2023	-	358,534,343	-	17,763,895	16,515,346	-	392,813,584
18	March	2023	-	359,990,532	-	18,464,617	16,794,467	-	395,249,616
19	April	2023	-	359,058,540	-	19,210,442	17,073,599	-	395,342,582
20	May	2023	-	356,840,553	-	19,974,702	17,352,731	-	394,167,986
21	June	2023	-	357,494,849	-	20,742,804	17,631,863	-	395,869,516
22	July	2023	-	359,061,108	-	21,514,742	17,910,946	-	398,486,796
23	August	2023	-	361,209,794	-	22,289,319	18,190,042	-	401,689,155
24	September	2023	-	362,743,162	-	23,069,804	18,235,114	-	404,048,080
25	October	2023	-	362,739,392	-	23,856,152	18,579,813	-	405,175,357
26	November	2023	-	363,523,299	-	24,645,045	18,924,529	-	407,092,873
27	December	2023	-	356,204,774	-	25,501,536	19,269,246	-	400,975,556
28	13-month Average		-	358,975,042	-	20,811,591	17,590,086	-	397,376,720

Reserve for Depreciation of Asset Retirement Costs		Production	Transmission	Distribution	Intangible	General	Common
	[B]	Company Records					
29	December	2022	8,897	-	-	-	-
30	January	2023	8,916	-	-	-	-
31	February	2023	8,935	-	-	-	-
32	March	2023	8,954	-	-	-	-
33	April	2023	8,973	-	-	-	-
34	May	2023	8,992	-	-	-	-
35	June	2023	9,011	-	-	-	-
36	July	2023	9,030	-	-	-	-
37	August	2023	9,049	-	-	-	-
38	September	2023	9,068	-	-	-	-
39	October	2023	9,087	-	-	-	-
40	November	2023	9,106	-	-	-	-
41	December	2023	9,125	-	-	-	-
42	13-month Average		9,011	-	-	-	-

Notes:

- [A] Included on Attachment H-28A, 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

ADIT Calculation

	[1]	[2]	[3]	[4]	[5]	[6]
	ADIT Transmission Total (including Plant & Labor Related Transmission ADITs and applicable transmission adjustments from notes below)					
	Acct. No. 281 (enter negative)	Acct. No. 282 (enter negative)	Acct. No. 283 (enter negative)	Acct. No. 190	Acct. No. 255 (enter negative)	Total
		[C]	[D]	[E]	[F]	
1 December 31 2022	-	(408,452,759)	(2,129,194)	15,853,663	-	(394,728,290)
2 December 31 2023	-	(423,587,726)	(2,058,628)	14,939,001	-	(410,707,353)
3 Begin/End Average	[A]	(416,020,242)	(2,093,911)	15,396,332	-	(402,717,822)

		Acct. No. 281	Acct. No. 282	Acct. No. 283	Acct. No. 190	Acct. No. 255	Total
		ADIT Total Transmission-related only, including Plant & Labor Related Transmission ADITs (prior to adjustments from notes below)					
	[B]	273.8.k	275.2.k	277.9.k	234.8.c	267.h	
4 December 31 2022			344,464,126	(20,956,067)	20,716,063	1,930,730	346,154,851
5 December 31 2023			392,077,909	(18,401,473)	18,212,531	1,831,045	393,720,013
6 Begin/End Average		-	368,271,017	(19,678,770)	19,464,297	1,880,887	369,937,432

Notes:

[A] Beginning/Ending Average with adjustments for FAS143, FAS106, FAS109, CIACs and normalization to populate Appendix H-28A, page 2, lines 19-23, col. 3 for accounts 281, 282, 283, 190, and 255, respectively

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

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

	FAS 143 - ARO	FAS 106	FAS 109	CIAC	Other: [H]	Other: [H]	Normalization [G]
2022	-	(6,821,548)	(57,167,085)	-	-	-	-
2023	-	(6,635,858)	(50,404,248)	-	-	-	25,530,289

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

	FAS 143 - ARO	FAS 106	FAS 109	CIAC	Other: [H]	Other: [H]	Normalization [G]
2022	-	-	(23,085,261)	-	-	-	-
2023	-	-	(20,341,067)	-	-	-	(119,034)

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

	FAS 143 - ARO	FAS 106	FAS 109	CIAC	Other: [H]	Other: [H]	Normalization [G]
2022	-	-	(600,289)	5,462,689	-	-	-
2023	-	-	(227,752)	5,044,171	-	-	(1,542,889)

[F] See Attachment H-28A, page 5, note K; 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).

[G] Taken from Attachment 5a, page 2, 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.

ADIT Normalization Calculation

[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
	2023 Quarterly Activity and Balances							
Beginning 190 (including adjustments)	Q1 Activity	Ending Q1	Q2 Activity	Ending Q2	Q3 Activity	Ending Q3	Q4 Activity	Ending Q4
15,853,663	(579,515)	15,274,147	(631,143)	14,643,005	(607,576)	14,035,429	(639,317)	13,396,112
Beginning 190 (including adjustments)	Pro-rated Q1		Pro-rated Q2		Pro-rated Q3		Pro-rated Q4	
15,853,663	(438,209)		(319,894)		(154,807)		(1,752)	
Beginning 282 (including adjustments)	Q1 Activity	Ending Q1	Q2 Activity	Ending Q2	Q3 Activity	Ending Q3	Q4 Activity	Ending Q4
408,452,759	9,589,278	418,042,037	10,443,562	428,485,599	10,053,596	438,539,195	10,578,819	449,118,015
Beginning 282 (including adjustments)	Pro-rated Q1		Pro-rated Q2		Pro-rated Q3		Pro-rated Q4	
408,452,759	7,251,071		5,293,312		2,561,601		28,983	
Beginning 283 (including adjustments)	Q1 Activity	Ending Q1	Q2 Activity	Ending Q2	Q3 Activity	Ending Q3	Q4 Activity	Ending Q4
2,129,194	(44,710)	2,084,485	(48,693)	2,035,792	(46,874)	1,988,918	(49,323)	1,939,594
Beginning 283 (including adjustments)	Pro-rated Q1		Pro-rated Q2		Pro-rated Q3		Pro-rated Q4	
2,129,194	(33,808)		(24,680)		(11,943)		(135)	

ADIT Normalization Calculation

	[1]	[2]	[3]	[4]	[5]
	FERC Form 1 - Year-End (sourced from Attachment 5, page 1, line 5)	Prorated year-end less FERC Form 1 Year-end	Sum of FAS143, FAS106, FAS109, CIAC and Other from Attachment 5, page 1, notes	Total Normalization to Attachment 5 (col. 2 - col. 3)	Ending Balance for formula rate (col. 1 - col. 3. - col. 4)
2023 Activity					
<hr/>					
Pro-rated Total Pro-rated Ending 190					
(914,662) 14,939,001	18,212,531	3,273,530	4,816,419	(1,542,889)	14,939,001
<hr/>					
Pro-rated Total Pro-rated Ending 282					
15,134,967 423,587,726	392,077,909	(31,509,817)	(57,040,106)	25,530,289	423,587,726
<hr/>					
Pro-rated Total Pro-rated Ending 283					
(70,566) 2,058,628	(18,401,473)	(20,460,101)	(20,341,067)	(119,034)	2,058,628

ADIT Detail

For the 12 months ended 12/31/2023

<u>COLUMN A</u>	<u>COLUMN B</u>	<u>COLUMN C</u>	<u>COLUMN D</u>
	BALANCE AS <u>OF 12-31-22</u>	BALANCE AS <u>OF 12-31-23</u>	AVERAGE <u>BALANCE</u>
ACCOUNT 255:			
Investment Tax Credit	1,930,730	1,831,045	1,880,887
1 TOTAL ACCOUNT 255	<u>1,930,730</u>	<u>1,831,045</u>	
ACCOUNT 282:			
263A Capitalized Overheads	19,449,448	18,724,412	19,086,930
Accelerated Depreciation	285,254,570	310,983,919	298,119,245
AFUDC	6,020,040	8,294,318	7,157,179
AFUDC Equity	13,952,496	18,570,745	16,261,620
Capitalized Benefits	4,827,550	4,624,356	4,725,953
Capitalized Tree Trimming	4,755,140	4,543,980	4,649,560
Casualty Loss	(892,656)	(1,398,844)	(1,145,750)
Cost of Removal	19,655,744	23,158,918	21,407,331
OPEBs	(6,821,548)	(6,635,858)	(6,728,703)
Other	(3,316,452)	(3,678,908)	(3,497,680)
Repairs	72,699,375	83,865,865	78,282,620
FAS109 Related to Property	(71,119,581)	(68,974,992)	(70,047,287)
2 TOTAL ACCOUNT 282	<u>344,464,126</u>	<u>392,077,909</u>	

ADIT Detail

For the 12 months ended 12/31/2023

<u>COLUMN A</u>	<u>COLUMN B</u>	<u>COLUMN C</u>	<u>COLUMN D</u>
	BALANCE AS <u>OF 12-31-22</u>	BALANCE AS <u>OF 12-31-23</u>	AVERAGE <u>BALANCE</u>

ACCOUNT 283:

AFUDC Equity Flow Thru (Gross up)	5,669,087	7,545,544	6,607,316
Property FAS109	(28,896,846)	(28,025,471)	(28,461,158)
Deferred Charge-EIB	18,892	0	9,446
FAS 109 Gross-up on Non-property Items	142,497	138,860	140,678
Lease ROU Asset & Liability	2,110,302	1,939,594	2,024,948

3 TOTAL ACCOUNT 283 (20,956,067) (18,401,473)

ADIT Detail

For the 12 months ended 12/31/2023

<u>COLUMN A</u>	<u>COLUMN B</u>	<u>COLUMN C</u>	<u>COLUMN D</u>
	BALANCE AS <u>OF 12-31-22</u>	BALANCE AS <u>OF 12-31-23</u>	AVERAGE BALANCE
ACCOUNT 190:			
Capitalized Interest	7,870,645	10,637,328	9,253,986
Contribution in Aid of Construction	5,462,689	5,044,171	5,253,430
Deferred Charge-EIB	0	46,948	23,474
Federal Long Term NOL	311,435	311,233	311,334
Investment Tax Credit	754,647	701,769	728,208
NOL Deferred Tax Asset - LT PA	3,344,044	2,883,838	3,113,941
PJM Receivable	4,683,309	0	2,341,655
State Income Tax Deductible	375,512	375,512	375,512
FAS109 Related to Property	(2,086,218)	(1,788,268)	(1,937,243)
4 TOTAL ACCOUNT 190	20,716,063	18,212,531	19,464,297

1 **Calculation of PBOP Expenses**

2	<u>MAIT</u>	<u>Amount</u>	<u>Source</u>
3	Total FirstEnergy PBOP expenses	(108,686,300)	FirstEnergy 2015 Actuarial Study
4	Labor dollars (FirstEnergy)	2,024,261,894	FirstEnergy 2015 Actual: Company Records
5	cost per labor dollar (line 3 / line 4)	-\$0.0537	
6	labor (labor not capitalized) current year	30,111,373	MAIT Labor: Company Records
7	PBOP Expense for current year (line 5 * line 6)	-\$1,616,734	
8	PBOP expense in Account 926 for current year	(513,473)	MAIT Account 926: Company Records
9	PBOP Adjustment for Attachment H-28A, page 3, line 9 (line 7 - line 8)	(1,103,261)	

10 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]	Dec 31, 2023
1	Payroll Taxes		
1a	FICA	263.i	608,294
1b		263.i	-
1c		263.i	-
1z	Payroll Taxes Total		608,294
2	Highway and Vehicle Taxes		
2a		263.i	-
2z	Highway and Vehicle Taxes		-
3	Property Taxes		
3a	Property Tax	263.i	115,800
3b			-
3c			-
3z	Property Taxes		115,800
4	Gross Receipts Tax		
4a		263.i	-
4z	Gross Receipts Tax		-
5	Other Taxes		
5a		263.i	-
5b		263.i	-
5c			-
5z	Other Taxes		-
6z	Payments in lieu of taxes		
7	Total other than income taxes (sum lines 1z, 2z, 3z, 4z, 5z, 6z) [tie to 114.14c]		\$724,094

Notes:

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

Capital Structure Calculation

For the 12 months ended 12/31/2023

		[1]	[2]	[3]	[4]	[5]	[6]	[7]
		Proprietary	Preferred Stock	Account 216.1	Account 219	Goodwill	Common Stock	Long Term Debt
		Capital						
	[A]	112.16.c	112.3.d	112.12.c	112.15.c	233.5.f	(1) - (2) - (3) - (4) - (5)	112.24.c
1	December	2022	1,513,025,498			223,591,970	1,289,433,528	860,982,534
2	January	2023	1,524,662,983			223,591,970	1,301,071,013	860,812,254
3	February	2023	1,536,359,623			223,591,970	1,312,767,653	860,641,975
4	March	2023	1,548,280,282			223,591,970	1,324,688,312	860,471,695
5	April	2023	1,560,830,648			223,591,970	1,337,238,678	860,301,415
6	May	2023	1,573,882,268			223,591,970	1,350,290,298	860,131,135
7	June	2023	1,586,833,235			223,591,970	1,363,241,265	859,960,856
8	July	2023	1,599,221,027			223,591,970	1,375,629,057	1,059,790,576
9	August	2023	1,611,563,933			223,591,970	1,387,971,963	1,059,620,296
10	September	2023	1,624,067,244			223,591,970	1,400,475,274	1,059,450,016
11	October	2023	1,862,032,298			223,591,970	1,638,440,328	1,059,279,737
12	November	2023	1,875,206,782			223,591,970	1,651,614,812	1,059,109,457
13	December	2023	1,809,916,325	-	-	-	1,586,324,355	1,058,939,177
14	13-month Average		1,632,760,165	-	-	-	1,409,168,195	952,268,548

Notes:

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

Stated Value Inputs

**Formula Rate Protocols
Section VIII.A**

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

MAIT's stated ROE is set to: 10.3%

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

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

Total FirstEnergy PBOP expenses	(108,686,300)
Labor dollars (FirstEnergy)	2,024,261,894

3. Depreciation Rates

FERC Account	<u>Depr %</u>
352	1.28%
353	2.05%
354	1.39%
355	2.32%
356	2.68%
356.1	1.27%
358	2.52%
359	0.87%
390.1	2.90%
390.2	1.24%
391.1	0.63%
391.2	18.82%
392	4.84%
393	0.01%
394	4.62%
395	0.00%
396	0.47%
397	1.80%
398	0.32%
303	14.29%

4. Net Plant Allocator

If the Net Plant (NP) allocator becomes anything other than 1.000 (or 100%), MAIT must make a Section 205 filing to seek approval of any new depreciation or amortization rates applicable to production and/or distribution plant accounts.

5. Land Rights

If Land Rights (Account 350) are acquired by MAIT, it must make a Section 205 filing to establish the appropriate depreciation rate.

Debt Cost Calculation

TABLE 1: Summary Cost of Long Term Debt

CALCULATION OF COST OF DEBT											
YEAR ENDED 12/31/2023											
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
	t=N	Issue Date	Maturity Date	ORIGINAL ISSUANCE (table 2, col. cc)	Net Proceeds At Issuance (table 2, col. hh)	Net Amount Outstanding at t=N	Months Outstanding at t=N	Average Net Outstanding in Year* z ² ((col e. * col. F)/12)	Weighted Outstanding Ratio (col. g/col. g total)	Effective Cost Rate (Table 2, Col. II)	Weighted Debt Cost at t = N (h) * (i)
Long Term Debt Cost at Year End 12/31/2023											
First Mortgage Bonds:											
(1)	4.10%, Senior Unsecured Note	5/10/2018	5/15/2028	\$ 450,000,000	\$ 445,906,699	\$ 448,179,836	12	\$ 448,179,836	46.96%	4.21%	1.98%
(2)	3.67%, Senior Unsecured Note	3/31/2020	4/1/2032	\$ 125,000,000	\$ 124,111,544	\$ 124,389,187	12	\$ 124,389,187	13.03%	3.67%	0.48%
(3)	3.70%, Senior Unsecured Note	3/31/2020	4/1/2035	\$ 125,000,000	\$ 124,111,544	\$ 124,333,699	12	\$ 124,333,699	13.03%	3.76%	0.49%
(4)	4.10%, Senior Unsecured Note	5/24/2021	5/15/2028	\$ 150,000,000	\$ 163,054,645	\$ 158,182,209	12	\$ 158,182,209	16.57%	2.72%	0.45%
(5)	4.23%, Senior Unsecured Note	7/1/2023	7/1/2033	\$ 200,000,000	\$ 198,000,000	\$ 198,100,192	6	\$ 99,321,466	10.41%	4.37%	0.46%
Total				\$ 1,050,000,000	\$ 1,053,185,121	\$ 954,406,395		100.000%		3.85%	**

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).
Items (individual debentures) debt cost calculations shall be taken to four decimals in percentages (7.2907%, 5.2962%). Final Total Weighted Average Debt Cost for the Formula Rate shall be rounded to two decimals of a percent (7.03%).
** This Total Weighted Average Debt Cost will be shown on page 8, line 22, column 5 of formula rate Attachment H-28A.

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

YEAR ENDED 12/31/2023													
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 Recquired Debt	(gg) Less Related ADIT	(hh) Net Proceeds (col. cc + col. dd + col. ee + col. ff)	(ii) Net Proceeds Ratio ((col. cc / col. hh)*100)	(jj) Coupon Rate	(kk) Annual Interest (col. cc * col. jj)	(ll) Effective Cost Rate* (Yield to Maturity at issuance, t = 0)
(1)	4.10%, Senior Unsecured Note	5/10/2018	5/15/2028	\$ 450,000,000	\$ (112,500)	\$ 3,980,801	-	xxx	\$ 445,906,699	99.0904	0.04100	\$ 18,450,000	4.21%
(2)	3.67%, Senior Unsecured Note	3/31/2020	4/1/2032	\$ 125,000,000	\$ -	\$ 888,456	-	xxx	\$ 124,111,544	99.2892	0.03600	\$ 4,500,000	3.67%
(3)	3.70%, Senior Unsecured Note	3/31/2020	4/1/2035	\$ 125,000,000	\$ -	\$ 888,456	-	xxx	\$ 124,111,544	99.2892	0.03700	\$ 4,625,000	3.76%
(4)	4.10%, Senior Unsecured Note	5/24/2021	5/15/2028	\$ 150,000,000	\$ 14,337,000	\$ 1,282,355	-	xxx	\$ 163,054,645	108.7031	0.04100	\$ 6,150,000	2.72%
(5)	4.23%, Senior Unsecured Note	7/1/2023	7/1/2033	\$ 200,000,000	\$ -	\$ 2,000,000	-	xxx	\$ 198,000,000	99.0000	0.04250	\$ 8,500,000	4.37%
TOTALS				\$ 1,050,000,000	14,224,500	\$ 9,040,068	-	xxx	\$ 1,055,184,432			\$ 42,225,000	

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

Transmission Enhancement Charge (TEC) Worksheet
To be completed in conjunction with Attachment H-28A

(1) Line No.	(2) Reference	(3) Transmission	(4) Allocator
1	Gross Transmission Plant - Total	Attach. H-28A, p. 2, line 2, col. 5 (Note A)	\$ 2,719,503,479
2	Net Transmission Plant - Total	Attach. H-28A, p. 2, line 14, col. 5 (Note B)	\$ 2,360,537,448
O&M EXPENSE			
3	Total O&M Allocated to Transmission	Attach. H-28A, p. 3, line 15, col. 5	\$ 92,949,727
4	Annual Allocation Factor for O&M	(line 3 divided by line 1, col. 3)	3.417893%
GENERAL, INTANGIBLE, AND COMMON (G, I, & C) DEPRECIATION EXPENSE			
5	Total G, I, & C depreciation expense	Attach. H-28A, p. 3, lines 17 & 18, col. 5	\$ 12,656,291
6	Annual allocation factor for G, I, & C depreciation expense	(line 5 divided by line 1, col. 3)	0.463390%
TAXES OTHER THAN INCOME TAXES			
7	Total Other Taxes	Attach. H-28A, p. 3, line 26, col. 5	\$ 724,094
8	Annual Allocation Factor for Other Taxes	(line 7 divided by line 1, col. 3)	0.026626%
9	Annual Allocation Factor for Expense	Sum of line 4, 6, & 8	3.909999%
INCOME TAXES			
10	Total Income Taxes	Attach. H-28A, p. 3, line 39, col. 5	\$ 49,018,709
11	Annual Allocation Factor for Income Taxes	(line 10 divided by line 2, col. 3)	2.076591%
RETURN			
12	Return on Rate Base	Attach. H-28A, p. 3, line 40, col. 5	\$ 161,774,021
13	Annual Allocation Factor for Return on Rate Base	(line 12 divided by line 2, col. 3)	6.853271%
14	Annual Allocation Factor for Return	Sum of line 11 and 13	8.929621%

Columns 5-9 (page 1) only applies with incentive ROE projects (Note F)				
(5) Line No.	(6)	(7) Reference	(8) Transmission	(9) Allocator
INCOME TAXES				
10b	Total Income Taxes	Attachment 2, line 33	\$ 49,018,709	
11b	Annual Allocation Factor for Income Taxes	(line 10b divided by line 2, col. 3)	2.076591%	2.076591%
RETURN				
12b	Return on Rate Base	Attachment 2, line 22	\$ 161,774,021	
13b	Annual Allocation Factor for Return on Rate Base	(line 12b divided by line 2, col. 3)	6.853271%	6.853271%
14b	Annual Allocation Factor for Return	Sum of line 11b and 13b		8.929621%
15	Additional Annual Allocation Factor for Return	Line 14 b, col. 9 less line 14, col. 4		0.000000%

Transmission Enhancement Charge (TEC) Worksheet
 To be completed in conjunction with Attachment H-28A.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
Line No.	Project Name	RTEP Project Number	Project Gross Plant	Annual Allocation Factor for Expenses	Annual Expense Charge	Project Net Plant	Annual Allocation Factor for Return	Annual Return Charge	Project Depreciation Expense	Annual Revenue Requirement	Additional Incentive Annual Allocation Factor for Return (Note F)	Total Annual Revenue Requirement	Net Revenue Requirement with True-up	
		(Note C & H)	(Page 1, line 9)	(Col. 3' Col. 4)	(Note D & H)	Page 1, line 14	Col. 6' Col. 7	(Note E)	(Sum Col. 5, 8, & 9)	(Col. 6' Page 1, line 15, Col. 9)	(Sum Col. 10 & 11)	(Note G)	(Sum Col. 12 & 13)	
2a	Install 230kV series reactor and 2- 100MVAR PLC switched capacitors at Hurlerstown	02015	\$ 12,037,431	3.90999%	\$494,112	\$ 2,288,670	8.92982%	\$829,465	\$ 299,067	\$1,562,645	-	\$1,562,645	\$1,989	\$1,634,634
2b	Install 250 MVAR capacitor at Keystone 500 kV	00549	\$ 2,207,134	3.90999%	\$125,396	\$ 2,022,962	8.92982%	\$332,405	\$ 69,746	\$423,547	-	\$423,547	22,171	\$445,718
2c	Install 25 MVAR capacitor at Saxon 115 kV substation	00551	\$ 1,380,393	3.90999%	\$53,972	\$ 1,016,234	8.92982%	\$90,069	\$ 28,036	\$172,067	-	\$172,067	8,897	\$181,664
2d	Install 50 MVAR capacitor at Albion 230 kV substation	00552	\$ 1,038,330	3.90999%	\$46,598	\$89,010	8.92982%	\$77,661	\$ 21,298	\$108,465	-	\$108,465	9,596	\$118,061
2e	Install 50 MVAR capacitor at Raystown 230 kV substation	00553	\$ 927,947	3.90999%	\$36,282	\$ 752,078	8.92982%	\$67,213	\$ 19,023	\$122,518	-	\$122,518	6,093	\$130,211
2f	Install 75 MVAR capacitor at East Towanda 230 kV substation	00557	\$ 2,185,556	3.90999%	\$85,403	\$ 1,775,952	8.92982%	\$158,507	\$ 44,353	\$288,363	-	\$288,363	15,999	\$304,363
2g	Relocate the Erie South 345 kV line terminal	01953	\$ 10,836,097	3.90999%	\$423,717	\$ 9,454,975	8.92982%	\$939,851	\$ 224,362	\$1,467,930	-	\$1,467,930	114,566	\$1,602,496
2h	Convert Lewis Run/Farmers Valley to 230 kV using 1033.5 ACSR conductor. Project to be completed in conjunction with new Farmers Valley 345/230 kV transformation	01994	\$ 62,900,195	3.90999%	\$2,469,340	\$6,865,320	8.92982%	\$5,077,191	\$ 1,487,907	\$9,024,438	-	\$9,024,438	1,054,685	\$10,079,124
2i	South Lebanon 230/69 kV Bank 1 - Upgrade 69 kV Terminal Facilities	01364	\$ 87,275	3.90999%	\$3,412	\$ 86,272	8.92982%	\$6,097	\$ 1,789	\$11,298	-	\$11,298	(12,316)	-\$1,018
2j	Middletown Sub - 69 kV Capacitor Bank	01362	\$ 52,365	3.90999%	\$2,047	\$ 44,462	8.92982%	\$3,970	\$ 697	\$6,715	-	\$6,715	(6,396)	\$319
2k	Germantown - 138kV Reactor Removal	01916.4	\$ 65,539	3.90999%	\$2,563	\$ 62,236	8.92982%	\$5,558	\$ 1,344	\$9,464	-	\$9,464	3,431	\$12,895
2l	Germantown (p. 138 110kV #1 Bx 30m -> Upgrade 138kV 998, & 115kV 998L components RTEP b2688, b2688.1, b2688.2	b2688.1 & b2688.2	\$ 6,059,491	3.90999%	\$237,312	\$ 5,427,655	8.92982%	\$484,682	\$ 124,238	\$846,231	-	\$846,231	(872,895)	-\$26,664
2m	Loco the 2026 (TMI) - Hosensack 500 kV line in to the Laushtown substation and upgrade relay at TMI 500 kV	b2006.1.1_DFAX_Alo	\$ 1,700,188	3.90999%	\$66,476	\$ 1,366,359	8.92982%	\$124,607	\$ 37,784	\$228,956	-	\$228,956	6,949	\$235,906
2n	Loco the 2026 (TMI) - Hosensack 500 kV line in to the Laushtown substation and upgrade relay at TMI 500 kV	b2006.1.1_Loac_TMI	\$ 1,700,188	3.90999%	\$66,476	\$ 1,366,359	8.92982%	\$124,607	\$ 37,784	\$228,956	-	\$228,956	6,949	\$235,906
2o	Install 2nd Hurlerstown 230/15 kV transformer	02482	\$ 6,088,203	3.90999%	\$238,040	\$ 5,366,109	8.92982%	\$471,962	\$ 124,778	\$628,727	-	\$628,727	39,828	\$668,555
2p	Reconductor Hurlerstown - Oxford 115 kV line	02452.1	\$ 2,752,102	3.90999%	\$107,605	\$ 2,372,951	8.92982%	\$211,901	\$ 65,067	\$385,403	-	\$385,403	(5,587)	\$379,817
2q	Reconductor the North Mesopotam - Obow - Lackawanna 230 kV circuit and upgrade terminal equipment (PENELLEC profile)	b2552.1	\$ 97,816,225	3.90999%	\$3,824,525	\$9,672,781	8.92982%	\$8,007,655	\$ 2,304,190	\$14,136,370	-	\$14,136,370	15,047,508	\$29,183,879
2r	Upgrade relay at South Redfox on the 1072 230 V line	b2006.2.1_DFAX_AI	\$ 1,130,069	3.90999%	\$44,185	\$ 1,066,293	8.92982%	\$97,897	\$ 23,161	\$165,243	-	\$165,243	-	\$165,243
2s	Tie in new Rice substation to Conemaugh-Hurlerstown 500 kV	02743.2	\$ 528,988	3.90999%	\$20,083	\$ 528,988	8.92982%	\$47,238	\$ 97,521	\$147,238	-	\$147,238	\$75,999	\$223,237
2t	Rebuild the Hurlerstown - Lincoln 115 kV line (No-RED) (C & S). Upgrade linetro terminal equipment at Hurlerstown and Lincoln	03146	\$ 4,072,008	3.90999%	\$159,247	\$ 3,920,674	8.92982%	\$350,914	\$ 100,563	\$610,744	-	\$610,744	-	\$610,744
2u	Upgrade terminal equipment at Conemaugh 500 kV on the Conemaugh - Hurlerstown 500 kV circuit	02743.3	\$ 145,165	3.90999%	\$5,676	\$ 144,361	8.92982%	\$12,898	\$ 2,979	\$21,541	-	\$21,541	(19,716)	\$1,824
2v	Upgrade terminal equipment and equalized relay communication at TMI 500 kV on the Peach Bottom - TMI 500 kV circuit	02752.4	\$ 37,856	3.90999%	\$1,480	\$ 37,024	8.92982%	\$3,378	\$ 418	\$6,276	-	\$6,276	-	\$6,276
2w	Portland-Kittanning 230kV Terminal Upgrade	00132.3	\$ -	3.90999%	\$0	\$ -	8.92982%	\$0	\$0	\$0	-	\$0	(18,330)	-\$18,330
2x	Replace new line and upgrade a bus station at Keystone 500 kV - on the Keystone - Alysedale 500 kV	00388.3	\$ -	3.90999%	\$0	\$ -	8.92982%	\$0	\$0	\$0	-	\$0	(8,265)	-\$8,265
2y	Install 100 MVAR Dynamic Reactive Device at Alysedale 500 kV substation	00389	\$ -	3.90999%	\$0	\$ -	8.92982%	\$0	\$0	\$0	-	\$0	(307,948)	-\$307,948
2z	Upgrade terminal equipment at Hurlerstown 500 kV on the Conemaugh - Hurlerstown 500 kV circuit	02743.4	\$ -	3.90999%	\$0	\$ -	8.92982%	\$0	\$0	\$0	-	\$0	(5,927)	-\$5,927
3	Transmission Enhancement Credit taken to Attachment H-28A Page 1, Line 7											30,802,529.22		
4	Additional Incentive Revenue taken to Attachment H-28A Page 3, Line 42									60.00				

- Notes**
- A Gross Transmission Plant is that identified on page 2 line 2 of Attachment H-28A.
 - B Net Transmission Plant is that identified on page 2 line 14 of Attachment H-28A.
 - 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-28A, page 3, line 16.
 - F Any actual RIDE Incentive must be approved by the Commission.
 - G True-up adjustment is calculated on the project true-up schedule, attachment 12, column 1.
 - H Based on a 12-month average.

TEC Worksheet Support
Net Plant Detail

Line No.	Project Name	RTEP Project Number	Project Gross Plant (Note A)	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23
2a	Install 230kV series reactor and 2- 100MVAR PLC switched capacitors at Hunterstown	b0215	\$ 12,637,431	\$12,637,431	\$ 12,637,431	\$ 12,637,431	\$ 12,637,431	\$ 12,637,431	\$ 12,637,431	\$ 12,637,431	\$ 12,637,431	\$ 12,637,431	\$ 12,637,431	\$ 12,637,431	\$ 12,637,431	\$ 12,637,431
2b	Install 250 MVAR capacitor at Keystone 500 kV	b0549	\$ 3,207,134	\$ 3,207,134	\$ 3,207,134	\$ 3,207,134	\$ 3,207,134	\$ 3,207,134	\$ 3,207,134	\$ 3,207,134	\$ 3,207,134	\$ 3,207,134	\$ 3,207,134	\$ 3,207,134	\$ 3,207,134	\$ 3,207,134
2c	Install 25 MVAR capacitor at Saxton 115 kV substation	b0551	\$ 1,380,393	\$ 1,380,393	\$ 1,380,393	\$ 1,380,393	\$ 1,380,393	\$ 1,380,393	\$ 1,380,393	\$ 1,380,393	\$ 1,380,393	\$ 1,380,393	\$ 1,380,393	\$ 1,380,393	\$ 1,380,393	\$ 1,380,393
2d	Install 50 MVAR capacitor at Albion 230 kV substation	b0552	\$ 1,038,335	\$ 1,038,335	\$ 1,038,335	\$ 1,038,335	\$ 1,038,335	\$ 1,038,335	\$ 1,038,335	\$ 1,038,335	\$ 1,038,335	\$ 1,038,335	\$ 1,038,335	\$ 1,038,335	\$ 1,038,335	\$ 1,038,335
2e	Install 50 MVAR capacitor at Raystown 230 kV substation	b0553	\$ 927,947	\$ 927,947	\$ 927,947	\$ 927,947	\$ 927,947	\$ 927,947	\$ 927,947	\$ 927,947	\$ 927,947	\$ 927,947	\$ 927,947	\$ 927,947	\$ 927,947	\$ 927,947
2f	Install 75 MVAR capacitor at East Towanda 230 kV substation	b0557	\$ 2,185,556	\$ 2,185,556	\$ 2,185,556	\$ 2,185,556	\$ 2,185,556	\$ 2,185,556	\$ 2,185,556	\$ 2,185,556	\$ 2,185,556	\$ 2,185,556	\$ 2,185,556	\$ 2,185,556	\$ 2,185,556	\$ 2,185,556
2g	Relocate the Erie South 345 kV line terminal	b1993	\$ 10,836,997	\$10,836,997	\$ 10,836,997	\$ 10,836,997	\$ 10,836,997	\$ 10,836,997	\$ 10,836,997	\$ 10,836,997	\$ 10,836,997	\$ 10,836,997	\$ 10,836,997	\$ 10,836,997	\$ 10,836,997	\$ 10,836,997
2h	Convert Lewis Run-Farmers Valley to 230 kV using 1033.5 ACSR conductor. Project to be completed in conjunction with new Farmers Valley 345/230 kV transformation	b1994	\$ 62,900,195	\$62,900,195	\$ 62,900,195	\$ 62,900,195	\$ 62,900,195	\$ 62,900,195	\$ 62,900,195	\$ 62,900,195	\$ 62,900,195	\$ 62,900,195	\$ 62,900,195	\$ 62,900,195	\$ 62,900,195	\$ 62,900,195
2i	South Lebanon 230/69 kv Bank 1 - Upgrade 69 kv Terminal Facilities	b1364	\$ 87,275	\$ 87,275	\$ 87,275	\$ 87,275	\$ 87,275	\$ 87,275	\$ 87,275	\$ 87,275	\$ 87,275	\$ 87,275	\$ 87,275	\$ 87,275	\$ 87,275	\$ 87,275
2j	Middletown Sub - 69 kv Capacitor Bank	b1362	\$ 52,365	\$ 52,365	\$ 52,365	\$ 52,365	\$ 52,365	\$ 52,365	\$ 52,365	\$ 52,365	\$ 52,365	\$ 52,365	\$ 52,365	\$ 52,365	\$ 52,365	\$ 52,365
2k	Germantown - 138kv Reactor Removal	b1816.4	\$ 65,539	\$ 65,539	\$ 65,539	\$ 65,539	\$ 65,539	\$ 65,539	\$ 65,539	\$ 65,539	\$ 65,539	\$ 65,539	\$ 65,539	\$ 65,539	\$ 65,539	\$ 65,539
2l	b2688.1 & b2688.2	b2688.1 & b2688.2	\$ 6,069,491	\$ 6,069,491	\$ 6,069,491	\$ 6,069,491	\$ 6,069,491	\$ 6,069,491	\$ 6,069,491	\$ 6,069,491	\$ 6,069,491	\$ 6,069,491	\$ 6,069,491	\$ 6,069,491	\$ 6,069,491	\$ 6,069,491
2m	Loop the 2026 (TMI - Hosensack 500 kV) line in to the Lauschtown substation and upgrade relay at TMI 500 kV	b2006.1.1_DFAX_Allocation	\$ 1,700,188	\$ 1,700,188	\$ 1,700,188	\$ 1,700,188	\$ 1,700,188	\$ 1,700,188	\$ 1,700,188	\$ 1,700,188	\$ 1,700,188	\$ 1,700,188	\$ 1,700,188	\$ 1,700,188	\$ 1,700,188	\$ 1,700,188
2n	Loop the 2026 (TMI - Hosensack 500 kV) line in to the Lauschtown substation and upgrade relay at TMI 500 kV	b2006.1.1_Load_Ratio_Share_Allocation	\$ 1,700,188	\$ 1,700,188	\$ 1,700,188	\$ 1,700,188	\$ 1,700,188	\$ 1,700,188	\$ 1,700,188	\$ 1,700,188	\$ 1,700,188	\$ 1,700,188	\$ 1,700,188	\$ 1,700,188	\$ 1,700,188	\$ 1,700,188
2o	Install 2nd Hunterstown 230/115 kV transformer	b2452	\$ 6,088,253	\$ 6,088,253	\$ 6,088,253	\$ 6,088,253	\$ 6,088,253	\$ 6,088,253	\$ 6,088,253	\$ 6,088,253	\$ 6,088,253	\$ 6,088,253	\$ 6,088,253	\$ 6,088,253	\$ 6,088,253	\$ 6,088,253
2p	Reconductor Hunterstown - Oxford 115 kV line	b2452.1	\$ 2,752,102	\$ 2,752,102	\$ 2,752,102	\$ 2,752,102	\$ 2,752,102	\$ 2,752,102	\$ 2,752,102	\$ 2,752,102	\$ 2,752,102	\$ 2,752,102	\$ 2,752,102	\$ 2,752,102	\$ 2,752,102	\$ 2,752,102
2q	Reconductor the North Meshoppen - Oxbow - Lackawanna 230 kV circuit and upgrade terminal equipment (PENELEC portion)	b2552.1	\$ 97,816,225	\$97,816,225	\$ 97,816,225	\$ 97,816,225	\$ 97,816,225	\$ 97,816,225	\$ 97,816,225	\$ 97,816,225	\$ 97,816,225	\$ 97,816,225	\$ 97,816,225	\$ 97,816,225	\$ 97,816,225	\$ 97,816,225
2r	Upgrade relay at South Reading on the 1072 230 V line	b2006.2.1_DFAX_Allocation	\$ 1,130,069	\$ 1,130,069	\$ 1,130,069	\$ 1,130,069	\$ 1,130,069	\$ 1,130,069	\$ 1,130,069	\$ 1,130,069	\$ 1,130,069	\$ 1,130,069	\$ 1,130,069	\$ 1,130,069	\$ 1,130,069	\$ 1,130,069
2s	Tie in new Rice substation to Conemaugh-Hunterstown 500 kV	b2743.2	\$ 528,988	\$ 528,988	\$ 528,988	\$ 528,988	\$ 528,988	\$ 528,988	\$ 528,988	\$ 528,988	\$ 528,988	\$ 528,988	\$ 528,988	\$ 528,988	\$ 528,988	\$ 528,988
2t	Rebuild the Hunterstown - Lincoln 115 kV line (No.962) (-2.6 mi.). Upgrade limiting terminal equipment at Hunterstown and Lincoln.	b3145	\$ 4,072,906	\$ 4,072,906	\$ 4,072,906	\$ 4,072,906	\$ 4,072,906	\$ 4,072,906	\$ 4,072,906	\$ 4,072,906	\$ 4,072,906	\$ 4,072,906	\$ 4,072,906	\$ 4,072,906	\$ 4,072,906	\$ 4,072,906
2u	Upgrade terminal equipment at Conemaugh 500 kV: on the Conemaugh - Hunterstown 500 kV circuit	b2743.3	\$ 145,165	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 269,591	\$ 269,591	\$ 269,591	\$ 269,591	\$ 269,591	\$ 269,591
2v	Upgrade terminal equipment and required relay communication at TMI 500 kV: on the Peach Bottom - TMI 500 kV circuit	b2752.4	\$ 37,856	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 492,132

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

TEC Worksheet Support
Net Plant Detail

Attachment H-28A, Attachment 11a
page 2 of 2
For the 12 months ended 12/31/2023

Accumulated Depreciation (Note B)	Dec-22 (Note D)	Jan-23 (Note D)	Feb-23 (Note D)	Mar-23 (Note D)	Apr-23 (Note D)	May-23 (Note D)	Jun-23 (Note D)	Jul-23 (Note D)	Aug-23 (Note D)	Sep-23 (Note D)	Oct-23 (Note D)	Nov-23 (Note D)	Dec-23 (Note D)	Project Net Plant (Note B & C)
\$3,348,761	\$3,219,227	\$3,240,816	\$3,262,405	\$3,283,994	\$3,305,583	\$3,327,172	\$3,348,761	\$3,370,350	\$3,391,939	\$3,413,528	\$3,435,117	\$3,456,706	\$3,478,295	\$9,288,670
\$604,672	\$571,699	\$577,178	\$582,657	\$588,136	\$593,615	\$599,094	\$604,572	\$610,051	\$615,530	\$621,009	\$626,488	\$631,967	\$637,446	\$2,602,562
\$365,159	\$351,141	\$353,477	\$355,813	\$358,150	\$360,486	\$362,822	\$365,159	\$367,495	\$369,831	\$372,168	\$374,504	\$376,840	\$379,177	\$1,015,234
\$169,325	\$158,682	\$160,456	\$162,230	\$164,003	\$165,777	\$167,551	\$169,325	\$171,099	\$172,872	\$174,646	\$176,420	\$178,194	\$179,968	\$869,010
\$175,268	\$165,757	\$167,342	\$168,927	\$170,513	\$172,098	\$173,683	\$175,268	\$176,854	\$178,439	\$180,024	\$181,609	\$183,195	\$184,780	\$752,678
\$409,074	\$387,798	\$391,494	\$395,190	\$398,886	\$402,582	\$406,278	\$409,974	\$413,670	\$417,366	\$421,062	\$424,759	\$428,455	\$432,151	\$1,775,582
\$1,432,021	\$1,319,840	\$1,338,537	\$1,357,234	\$1,375,931	\$1,394,627	\$1,413,324	\$1,432,021	\$1,450,718	\$1,469,415	\$1,488,111	\$1,506,808	\$1,525,505	\$1,544,202	\$9,404,976
\$6,043,875	\$5,299,921	\$5,423,914	\$5,547,906	\$5,671,898	\$5,795,891	\$5,919,883	\$6,043,875	\$6,167,867	\$6,291,860	\$6,415,852	\$6,539,844	\$6,663,836	\$6,787,829	\$56,856,320
\$19,003	\$18,108	\$18,258	\$18,407	\$18,556	\$18,705	\$18,854	\$19,003	\$19,152	\$19,301	\$19,450	\$19,599	\$19,749	\$19,898	\$68,272
\$7,903	\$7,555	\$7,613	\$7,671	\$7,729	\$7,787	\$7,845	\$7,903	\$7,961	\$8,019	\$8,077	\$8,136	\$8,194	\$8,252	\$44,462
\$3,303	\$2,631	\$2,743	\$2,855	\$2,967	\$3,079	\$3,191	\$3,303	\$3,415	\$3,527	\$3,639	\$3,751	\$3,863	\$3,975	\$62,236
\$641,635	\$579,716	\$590,069	\$600,422	\$610,775	\$621,128	\$631,481	\$641,835	\$652,188	\$662,541	\$672,894	\$683,247	\$693,600	\$703,953	\$5,427,656
\$303,789	\$284,897	\$288,046	\$291,194	\$294,343	\$297,492	\$300,640	\$303,789	\$306,938	\$310,086	\$313,235	\$316,384	\$319,532	\$322,681	\$1,396,399
\$303,789	\$284,897	\$288,046	\$291,194	\$294,343	\$297,492	\$300,640	\$303,789	\$306,938	\$310,086	\$313,235	\$316,384	\$319,532	\$322,681	\$1,396,399
\$781,314	\$718,925	\$729,323	\$739,721	\$750,120	\$760,518	\$770,916	\$781,314	\$791,713	\$802,111	\$812,509	\$822,907	\$833,306	\$843,704	\$5,306,939
\$379,151	\$346,157	\$351,656	\$357,155	\$362,654	\$368,153	\$373,652	\$379,151	\$384,649	\$390,148	\$395,647	\$401,146	\$406,645	\$412,144	\$2,372,951
\$8,143,444	\$6,991,349	\$7,183,365	\$7,375,381	\$7,567,397	\$7,759,412	\$7,951,428	\$8,143,444	\$8,335,460	\$8,527,476	\$8,719,491	\$8,911,507	\$9,103,523	\$9,295,539	\$89,672,781
\$33,776	\$22,196	\$24,126	\$26,056	\$27,986	\$29,916	\$31,846	\$33,776	\$35,706	\$37,636	\$39,566	\$41,497	\$43,427	\$45,357	\$1,096,293
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$528,988
\$143,232	\$92,940	\$101,322	\$109,704	\$118,086	\$126,468	\$134,850	\$143,232	\$151,614	\$159,995	\$168,377	\$176,759	\$185,141	\$193,523	\$3,029,674
\$864	\$0	\$0	\$0	\$0	\$0	\$0	\$229	\$687	\$1,146	\$1,604	\$2,062	\$2,521	\$2,979	\$144,301
\$32	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$418	\$37,824

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

Line No.	(a) Project Name	(b) RTEP Project Number	(c) Actual Revenues for Appendix D	(d) Projected Annual Revenue Requirement	(e) % of Total Revenue Requirement	(f) Revenue Received	(g) Actual Annual Revenue Requirement	(h) True-up Adjustment Principal Over/Under	(i) Applicable Interest Rate on Over/Under	(j) Total True-up Adjustment with Interest Over/Under
1	IAI Actual RTEP Credit Revenues for true-up year		15,875,069							
2a	Install 230kV series reactor and 2- 100MVAR PLC switched capacitors at Hunterstown	b0215		\$1,735,668	0.10	1,514,803.97	\$1,563,352	(48,548)	(3,441)	(61,989)
2b	Install 250 MVAR capacitor at Keystone 500 kV	b0549		8455,415	0.03	397,463.37	\$415,167	(20,704)	(1,467)	(22,171)
2c	Install 25 MVAR capacitor at Saxon 115 kV substation	b0551		\$165,856	0.01	162,205.43	\$170,513	(8,308)	(599)	(8,897)
2d	Install 50 MVAR capacitor at Altoona 230 kV substation	b0552		\$148,035	0.01	129,197.65	\$137,691	(8,494)	(602)	(9,096)
2e	Install 50 MVAR capacitor at Raystown 230 kV substation	b0553		\$131,438	0.01	114,712.39	\$120,962	(6,250)	(443)	(6,693)
2f	Install 75 MVAR capacitor at East Towanda 230 kV substation	b0557		\$308,900	0.02	269,592.74	\$284,533	(14,940)	(1,059)	(15,999)
2g	Relocate the Erie South 345 kV line terminal	b1993		\$1,557,950	0.09	1,359,700.69	\$1,466,684	(106,984)	(7,583)	(114,566)
2h	Convert Lewis Run-Farmers Valley to 230 kV using 1033.5 ACSR conductor. Project to be completed in conjunct	b1994		\$9,136,526	0.50	7,973,901.96	\$8,958,781	(984,879)	(69,806)	(1,054,685)
2i	South Lebanon 230/69 kv Bank 1 - Upgrade 69 kv Terminal Facilities	b1364		\$25,354	0.00	22,851.64	\$11,157	11,495	815	12,310
2j	Middletown Sub - 69 kv Capacitor Bank	b1362		\$14,306	0.00	12,485.69	\$5,513	5,972	423	6,396
2k	Germanstown - 138kv Reactor Removal	b1816.4		\$6,239	0.00	5,445.37	\$8,650	(3,204)	(227)	(3,431)
2l	Germanstown r o 138 115kV #1 Bk. X0mr + Upgrade 138kV 996L & 115kV 996L components RTEP b0288, b0288, b0288.1 & b0288.2	b1816.4		\$1,890,480	0.10	1,649,898.54	\$834,777	815,121	57,774	872,895
2m	Loop the 2026 (TMI - Hosensack 500 kv) line in to the Lauschtown substation and upgrade relay at TMI 500 kv	b2006.1.1 DFAX Allocation		\$346,103	0.02	302,901.21	\$308,551	(6,489)	(460)	(6,949)
2n	Loop the 2026 (TMI - Hosensack 500 kv) line in to the Lauschtown substation and upgrade relay at TMI 500 kv callion	b2006.1.1 Load_Ratio_Share_Allo		\$346,103	0.02	302,061.14	\$308,551	(6,489)	(460)	(6,949)
2o	Install 2nd Hunterstown 230/115 kV transformer	b2452		\$901,956	0.05	787,181.89	\$824,374	(37,192)	(2,936)	(39,828)
2p	Reconductor Hunterstown - Oxford 115 kV line	b2452.1		\$443,617	0.02	387,166.46	\$381,950	5,217	370	5,587
2q	Reconductor the North Meshoppen - Oxbow - Lackawanna 230 kv circuit and upgrade terminal equipment (PENNELEC portion)	b2552.1		\$0	-	-	\$14,051,562	(14,051,562)	(995,946)	(15,047,508)
2r	Upgrade relay at South Reading on the 1072 230 V line	b2006.2.1 DFAX_Allocation		\$0	-	-	-	-	-	-
2s	Tie in new Rice substation to Conemaugh-Hunterstown 500 kv	b2743.2		\$153,557	0.01	134,017.09	\$0	134,017	9,499	143,516
2t	Rebuild the Hunterstown - Lincoln 115 kV line (No.962) (~2.6 mi.). Upgrade limiting terminal equipment at Hunterstown and Lincoln.	b3145		\$0	-	-	\$0	-	-	-
2u	Upgrade terminal equipment at Conemaugh 500 kv. on the Conemaugh - Hunterstown 500 kv circuit	b2743.3		\$21,096	0.00	18,411.23	\$0	18,411	1,305	19,716
2v	Upgrade terminal equipment and required relay communication at TMI 500 kv. on the Peach Bottom - TMI 500 kv circuit	b2752.4		\$0	-	-	\$0	-	-	-
2w	Portland-Kittatinny 230kv Terminal Upgrade	b0132.3		\$38,615	0.00	33,701.21	\$16,584	17,117	1,213	18,330
2x	Replace wave trap and upgrade a bus section at Keystone 500 kv - on the Keystone - Alysedale 500 kv	b0284.3		\$6,724	0.00	5,868.70	\$0	5,869	416	6,285
2y	Install 100 MVAR Dynamic Reactive Device at Alysedale 500 kv substation	b0369		\$329,494	0.02	287,566.23	\$0	287,566	20,382	307,948
2z	Upgrade terminal equipment at Hunterstown 500 kv. on the Conemaugh - Hunterstown 500 kv circuit	b2743.4		\$5,700	0.00	4,974.38	\$0	4,974	353	5,327
3	Subtotal			18,189,712			29,873,352	(13,998,283)		(14,990,453)
4	Total Interest (Sourced from Attachment 13a, line 30)									(992,170)

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

Net Revenue Requirement True-up with Interest

Reconciliation Revenue Requirement For Year 2021 Available June 1, 2022 \$246,948,504	-	2021 Revenue Requirement Collected by PJM Based on Forecast filed on Oct 05, 2020 \$276,795,672	=	True-up Adjustment - Over (Under) Recovery \$29,847,168
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	Over (Under) Recovery Plus Interest	Average Monthly Interest Rate	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed
2 Interest Rate on Amount of Refunds or Surcharges ^[A]		0.2770%				

An over or under collection will be recovered prorata over 2021, held for 2022 and returned prorata over 2023

<u>Calculation of Interest</u>				<u>Monthly</u>		
3 January	Year 2021	2,487,264	0.2770%	12	(82,677)	(2,569,941)
4 February	Year 2021	2,487,264	0.2770%	11	(75,787)	(2,563,051)
5 March	Year 2021	2,487,264	0.2770%	10	(68,897)	(2,556,161)
6 April	Year 2021	2,487,264	0.2770%	9	(62,007)	(2,549,271)
7 May	Year 2021	2,487,264	0.2770%	8	(55,118)	(2,542,382)
8 June	Year 2021	2,487,264	0.2770%	7	(48,228)	(2,535,492)
9 July	Year 2021	2,487,264	0.2770%	6	(41,338)	(2,528,602)
10 August	Year 2021	2,487,264	0.2770%	5	(34,449)	(2,521,713)
11 September	Year 2021	2,487,264	0.2770%	4	(27,559)	(2,514,823)
12 October	Year 2021	2,487,264	0.2770%	3	(20,669)	(2,507,933)
13 November	Year 2021	2,487,264	0.2770%	2	(13,779)	(2,501,043)
14 December	Year 2021	2,487,264	0.2770%	1	(6,890)	(2,494,154)
					(537,398)	(30,384,566)

<u>Annual</u>						
15 January through December	Year 2022	(30,384,566)	0.2770%	12	(1,009,983)	(31,394,549)

<u>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</u>				<u>Monthly</u>		
16 January	Year 2023	31,394,549	0.2770%		(86,963)	2,663,556
17 February	Year 2023	28,817,956	0.2770%		(79,826)	2,663,556
18 March	Year 2023	26,234,225	0.2770%		(72,669)	2,663,556
19 April	Year 2023	23,643,338	0.2770%		(65,492)	2,663,556
20 May	Year 2023	21,045,274	0.2770%		(58,295)	2,663,556
21 June	Year 2023	18,440,013	0.2770%		(51,079)	2,663,556
22 July	Year 2023	15,827,536	0.2770%		(43,842)	2,663,556
23 August	Year 2023	13,207,822	0.2770%		(36,586)	2,663,556
24 September	Year 2023	10,580,851	0.2770%		(29,309)	2,663,556
25 October	Year 2023	7,946,604	0.2770%		(22,012)	2,663,556
26 November	Year 2023	5,305,060	0.2770%		(14,695)	2,663,556
27 December	Year 2023	2,656,199	0.2770%		(7,358)	2,663,556
					(568,125)	0

28 True-Up with Interest	\$	31,962,675
29 Less Over (Under) Recovery	\$	29,847,168
30 Total Interest	\$	2,115,507

[A] Interest rate equal to: (i) MAIT's actual short-term debt costs capped at the interest rate determined by 18 C.F.R. 35.19a; or (ii) the interest rate determined by 18 C.F.R. 35.19, if MAIT does not have short term debt

TEC Revenue Requirement True-up with Interest

TEC Reconciliation Revenue Requirement For Year 2021 Available June 1, 2022	TEC 2021 Revenue Requirement Collected by PJM Based on Forecast filed on Oct 05, 2020	True-up Adjustment - Over (Under) Recovery
\$29,873,352	\$15,875,069	(\$13,998,283)

	Over (Under) Recovery Plus Interest	Average Monthly Interest Rate	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed
2 Interest Rate on Amount of Refunds or Surcharges ^[A]		0.2770%				

An over or under collection will be recovered prorata over 2021, held for 2022 and returned prorata over 2023

<u>Calculation of Interest</u>				<u>Monthly</u>		
3 January	Year 2021	(1,166,524)	0.2770%	12	38,775	1,205,299
4 February	Year 2021	(1,166,524)	0.2770%	11	35,544	1,202,068
5 March	Year 2021	(1,166,524)	0.2770%	10	32,313	1,198,836
6 April	Year 2021	(1,166,524)	0.2770%	9	29,081	1,195,605
7 May	Year 2021	(1,166,524)	0.2770%	8	25,850	1,192,374
8 June	Year 2021	(1,166,524)	0.2770%	7	22,619	1,189,142
9 July	Year 2021	(1,166,524)	0.2770%	6	19,388	1,185,911
10 August	Year 2021	(1,166,524)	0.2770%	5	16,156	1,182,680
11 September	Year 2021	(1,166,524)	0.2770%	4	12,925	1,179,449
12 October	Year 2021	(1,166,524)	0.2770%	3	9,694	1,176,217
13 November	Year 2021	(1,166,524)	0.2770%	2	6,463	1,172,986
14 December	Year 2021	(1,166,524)	0.2770%	1	3,231	1,169,755
					252,039	14,250,322

<u>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</u>				<u>Annual</u>		
15 January through December	Year 2022	14,250,322	0.2770%	12	473,681	14,724,003

<u>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</u>				<u>Monthly</u>			
16 January	Year 2023	(14,724,003)	0.2770%		40,785	(1,249,204)	13,515,584
17 February	Year 2023	(13,515,584)	0.2770%		37,438	(1,249,204)	12,303,818
18 March	Year 2023	(12,303,818)	0.2770%		34,082	(1,249,204)	11,088,695
19 April	Year 2023	(11,088,695)	0.2770%		30,716	(1,249,204)	9,870,206
20 May	Year 2023	(9,870,206)	0.2770%		27,340	(1,249,204)	8,648,342
21 June	Year 2023	(8,648,342)	0.2770%		23,956	(1,249,204)	7,423,094
22 July	Year 2023	(7,423,094)	0.2770%		20,562	(1,249,204)	6,194,451
23 August	Year 2023	(6,194,451)	0.2770%		17,159	(1,249,204)	4,962,406
24 September	Year 2023	(4,962,406)	0.2770%		13,746	(1,249,204)	3,726,947
25 October	Year 2023	(3,726,947)	0.2770%		10,324	(1,249,204)	2,488,066
26 November	Year 2023	(2,488,066)	0.2770%		6,892	(1,249,204)	1,245,754
27 December	Year 2023	(1,245,754)	0.2770%		3,451	(1,249,204)	0
					266,450		

28 True-Up with Interest	\$ (14,990,453)
29 Less Over (Under) Recovery	\$ (13,998,283)
30 Total Interest	\$ (992,170)

[A] Interest rate equal to: (i) MAIT's actual short-term debt costs capped at the interest rate determined by 18 C.F.R. 35.19a; or (ii) the interest rate determined by 18 C.F.R. 35.19, if MAIT does not have short term debt

Other Rate Base Items

Line No.	Description	COLUMN B	COLUMN C	COLUMN D	COLUMN E	COLUMN F	COLUMN G
		BALANCE AS OF 12-31-22	BALANCE AS OF 12-31-23	AVERAGE BALANCE			
1	Land Held for Future Use (214.x.d)	0	0	-			
2	Materials & Supplies (227.8.c & .16.c)	0	0	-			
3	Prepayments: Account 165 (111.57.c) - Note [A]	999,528	999,528	999,528			

Unfunded Reserves

Line No.	Description	COLUMN B	COLUMN C	COLUMN D	COLUMN E	COLUMN F	COLUMN G
		BALANCE AS OF 12-31-22	BALANCE AS OF 12-31-23	AVERAGE BALANCE	ALLOCATION FACTOR	TRANSMISSION TOTAL (Col D times Col F)	
Account 228.1							
4a	Property Insurance (Self insurance not covered by property insurance)	0	0	0 GP	1.00	0	0
4b	[Insert Item Included in Account 228.1 that are not allocated to transmission]	0	0	0 Other	0	0	0
4c	[Insert Item Included in Account 228.1 that are not allocated to transmission]	0	0	0 Other	0	0	0
4z	Total Account 228.1 (112.27.c)	0	0			0	0
Account 228.2							
5a	Workman's Compensation	0	0	0 W/S	1.00	0	0
5b	Probable liabilities not covered by insurance for death or injuries to employees and others	0	0	0 W/S	1.00	0	0
5c	Probable liabilities not covered by insurance for damages to property neither owned nor held under lease by the utility	0	0	0 GP	1.00	0	0
5d	[Insert Item Included in Account 228.2 that are not allocated to transmission]	0	0	0 Other	0	0	0
5e	[Insert Item Included in Account 228.2 that are not allocated to transmission]	0	0	0 Other	0	0	0
5z	Total Account 228.2 (112.28.c)	0	0			0	0
Account 228.3							
6a	Year-End Vacation Pay Accrual	0	0	0 W/S	1.00	0	0
6b	Year-End Deferred Compensation Accrual	0	0	0 W/S	1.00	0	0
6c	Year-End Sick Pay Accrual	0	0	0 W/S	1.00	0	0
6d	Year-End Incentive Compensation Accrual	0	0	0 W/S	1.00	0	0
6e	Year-End Severance Pay Accrual	0	0	0 W/S	1.00	0	0
6f	Year-End PBOP/OPEB Accrual not included in established trusts	0	0	0 W/S	1.00	0	0
6g	[Insert Item Included in Account 228.3 that are not allocated to transmission]	0	0	0 Other	0	0	0
6h	[Insert Item Included in Account 228.3 that are not allocated to transmission]	0	0	0 Other	0	0	0
6z	Total Account 228.3 (112.29.c)	0	0			0	0
Account 228.4							
7a	Year-End Vacation Pay Accrual	0	0	0 W/S	1.00	0	0
7b	Year-End Deferred Compensation Accrual	0	0	0 W/S	1.00	0	0
7c	Year-End Sick Pay Accrual	0	0	0 W/S	1.00	0	0
7d	Year-End Incentive Compensation Accrual	0	0	0 W/S	1.00	0	0
7e	Year-End Severance Pay Accrual	0	0	0 W/S	1.00	0	0
7f	Year-End PBOP/OPEB Accrual not included in established trusts	0	0	0 W/S	1.00	0	0
7g	[Insert Item Included in Account 228.4 that are not allocated to transmission]	0	0	0 Other	0	0	0
7h	[Insert Item Included in Account 228.4 that are not allocated to transmission]	0	0	0 Other	0	0	0
7z	Total Account 228.4 (112.30.c)	0	0			0	0
Account 242							
8a	Year-End Vacation Pay Accrual	0	0	- W/S	1.00	-	-
8b	Year-End Deferred Compensation Accrual	0	0	0 W/S	1.00	-	-
8c	Year-End Sick Pay Accrual	0	0	0 W/S	1.00	-	-
8d	Year-End Incentive Compensation Accrual	0	0	0 W/S	1.00	-	-
8e	Year-End Severance Pay Accrual	0	0	0 W/S	1.00	-	-
8f	Year-End PBOP/OPEB Accrual not included in established trusts	0	0	0 W/S	1.00	-	-
8g	[Insert Item Included in Account 242 that are not allocated to transmission]	0	-	- Other	0	-	-
8h	[Insert Item Included in Account 242 that are not allocated to transmission]	0	0	0 Other	0	-	-
8z	Total Account 242 (113.48.c)	0	-			-	-
9	Total Unfunded Reserves Plant-related (items with GP allocator) - Note [B]	0	0	0 GP	1.00	-	-
10	Total Unfunded Reserves Labor-related (items with W/S allocator) - Note [C]	0	-	- W/S	1.00	-	-

Notes:

- [A] Prepayments shall exclude prepayments of income taxes.
- [B] Column G balance taken to Attachment H-28A, page 2, line 24, col. 3
- [C] Column G balance taken to Attachment H-28A, page 2, line 25, col. 3

[1]	Income Tax Adjustments			[4]	[5]	[6]
	[2]	[3]		Dec 31,	Dec 31,	
			<u>Beg/End Average [C]</u>	<u>2023</u>	<u>2023</u>	<u>Reference</u>
1 Tax adjustment for Permanent Differences & AFUDC Equity	[A]	\$401,842	\$401,842	\$401,842	\$401,842	MAIT Company Records
2 Amortized Excess Deferred Taxes (enter negative)	[B]	(1,352,984)	-\$1,352,984	-\$1,352,984	-\$1,352,984	MAIT Company Records
3 Amortized Deficient Deferred Taxes	[B]	-	-	-	-	MAIT Company Records

Notes:

[A] AFUDC equity component is the gross cumulative annual amount based upon tax records of capitalized AFUDC equity embedded in the gross plant attributable to the transmission function.

[B] Upon enactment of changes in tax law, income tax rates (including changes in apportionment) 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. Amounts to be included will be January 1, 2017 and thereafter.

[C] (Column 4 + Column 5)/2; Beg/End Average for line 1 included on Attachment H-28A, page 3, line 33; Beg/End Average for lines 2-3 taken to Attachment H-28A, page 3, line 34

		Regulatory Asset - Deferred Storms				
[1]	[2]	[3]	[4]	[5]	[6]	[7]
		Months Remaining In Amortization Period	Beginning Balance	Amortization Expense (Company Records)	Additions (Deductions)	Ending Balance
1	Monthly Balance	Source				
2	December 2022	p232 (and Notes)	13			-
3	January	FERC Account 182.3	12	-	-	-
4	February	FERC Account 182.3	11	-	-	-
5	March	FERC Account 182.3	10	-	-	-
6	April	FERC Account 182.3	9	-	-	-
7	May	FERC Account 182.3	8	-	-	-
8	June	FERC Account 182.3	7	-	-	-
9	July	FERC Account 182.3	6	-	-	-
10	August	FERC Account 182.3	5	-	-	-
11	September	FERC Account 182.3	4	-	-	-
12	October	FERC Account 182.3	3	-	-	-
13	November	FERC Account 182.3	2	-	-	-
14	December 2023	p232 (and Notes)	1	-	-	-
15	Ending Balance 13-Month Average	(sum lines 2-14) /13		<u>-</u>	<u>-</u>	<u>-</u>

Attachment H-28A, page 3, line 11

Attachment H-28A, page 2, Line 27

		Regulatory Asset - Vegetation Management					
[1]	[2]	[3]	[4]	[5]	[6]	[7]	
		Months Remaining In Amortization Period	Beginning Balance	Amortization Expense (Company Records)	Additions (Deductions)	Ending Balance	
1	Monthly Balance	Source					
2	December 2022	p232 (and Notes)	25			1,194,494	
3	January	FERC Account 182.3	24	1,194,494	49,771	-	1,144,723
4	February	FERC Account 182.3	23	1,144,723	49,771	-	1,094,953
5	March	FERC Account 182.3	22	1,094,953	49,771	-	1,045,182
6	April	FERC Account 182.3	21	1,045,182	49,771	-	995,412
7	May	FERC Account 182.3	20	995,412	49,771	-	945,641
8	June	FERC Account 182.3	19	945,641	49,771	-	895,871
9	July	FERC Account 182.3	18	895,871	49,771	-	846,100
10	August	FERC Account 182.3	17	846,100	49,771	-	796,329
11	September	FERC Account 182.3	16	796,329	49,771	-	746,559
12	October	FERC Account 182.3	15	746,559	49,771	-	696,788
13	November	FERC Account 182.3	14	696,788	49,771	-	647,018
14	December 2023	p232 (and Notes)	13	647,018	49,771	-	597,247
15	Ending Balance 13-Month Average	(sum lines 2-14) /13			<u>\$597,247</u>		<u>895,871</u>

Attachment H-28A, page 3, line 11

Attachment H-28A, page 2, Line 27

		Regulatory Asset - Start-up Costs				
[1]	[2]	[3]	[4]	[5]	[6]	[7]
		Months Remaining In Amortization Period	Beginning Balance	Amortization Expense (Company Records)	Additions (Deductions)	Ending Balance
1	Monthly Balance					
2	December 2022	13				-
3	January	12	-	-	-	-
4	February	11	-	-	-	-
5	March	10	-	-	-	-
6	April	9	-	-	-	-
7	May	8	-	-	-	-
8	June	7	-	-	-	-
9	July	6	-	-	-	-
10	August	5	-	-	-	-
11	September	4	-	-	-	-
12	October	3	-	-	-	-
13	November	2	-	-	-	-
14	December 2023	1	-	-	-	-
15	Ending Balance 13-Month Average			<u>\$0.00</u>		<u>-</u>

Attachment H-28A, page 3, line 11

Attachment H-28A, page 2, Line 27

		Abandoned Plant				
[1]	[2]	[3] Months Remaining In Amortization Period	[4] Beginning Balance	[5] Amortization Expense (p114.10.c)	[6] Additions (Deductions)	[7] Ending Balance
1	Monthly Balance	Source				
2	December 2022	p111.71.d (and Notes)	13	-	-	-
3	January	FERC Account 182.2	12	-	-	-
4	February	FERC Account 182.2	11	-	-	-
5	March	FERC Account 182.2	10	-	-	-
6	April	FERC Account 182.2	9	-	-	-
7	May	FERC Account 182.2	8	-	-	-
8	June	FERC Account 182.2	7	-	-	-
9	July	FERC Account 182.2	6	-	-	-
10	August	FERC Account 182.2	5	-	-	-
11	September	FERC Account 182.2	4	-	-	-
12	October	FERC Account 182.2	3	-	-	-
13	November	FERC Account 182.2	2	-	-	-
14	December 2023	p111.71.c (and Notes) Detail on p230b	1	-	-	-
15	Ending Balance 13-Month Average	(sum lines 2-14) /13		<u>\$0.00</u>		<u>\$0.00</u>

Attachment H-28A, page 3, Line 19

Attachment H-28A, page 2, Line 28

Note:

Recovery of abandoned plant is limited to any abandoned plant recovery authorized by FERC and will be zero until the Commission accepts or approves recovery of the cost of abandoned plant

			CWIP
			[A]
			216.b
1	December	2022	
2	January	2023	
3	February	2023	
4	March	2023	
5	April	2023	
6	May	2023	
7	June	2023	
8	July	2023	
9	August	2023	
10	September	2023	
11	October	2023	
12	November	2023	
13	December	2023	
14	13-month Average		-

Notes:

[A] Includes only CWIP authorized by the Commission for inclusion in rate base.

Federal Income Tax Rate

Nominal Federal Income Tax Rate 21.00%
(entered on Attachment H-28A,
page 5 of 5, Note K)

State Income Tax Rate

	Pennsylvania	Combined Rate
Nominal State Income Tax Rate	8.99%	
Times Apportionment Percentage	100.00%	
Combined State Income Tax Rate	8.990%	8.990%

Operation and Maintenance Expenses

Line No. [a]	Account Reference	Description	Account Balance [b]
82		<i>Operation</i>	
83	560	Operation Supervision and Engineering	\$782,473
84			
85	561.1	Load Dispatch-Reliability	\$1,479,078
86	561.2	Load Dispatch-Monitor and Operate Transmission System	\$448,318
87	561.3	Load-Dispatch-Transmission Service and Scheduling	
88	561.4	Scheduling, System Control and Dispatch Services	
89	561.5	Reliability, Planning and Standards Development	\$212,585
90	561.6	Transmission Service Studies	
91	561.7	Generation Interconnection Studies	
92	561.8	Reliability, Planning and Standards Development Services	
93	562	Station Expenses	\$591,000
94	563	Overhead Lines Expense	\$627,455
95	564	Underground Lines Expense	
96	565	Transmission of Electricity by Others	
97	566	Miscellaneous Transmission Expense	\$9,015,803
98	567	Rents	\$13,469,051
99		TOTAL Operation (Enter Total of Lines 83 thru 98)	\$26,625,762
100		<i>Maintenance</i>	
101	568	Maintenance Supervision and Engineering	\$6,903,797
102	569	Maintenance of Structures	
103	569.1	Maintenance of Computer Hardware	\$5,890
104	569.2	Maintenance of Computer Software	\$23,836
105	569.3	Maintenance of Communication Equipment	
106	569.4	Maintenance of Miscellaneous Regional Transmission Plant	
107	570	Maintenance of Station Equipment	\$6,735,187
108	571	Maintenance of Overhead Lines	\$45,083,856
109	572	Maintenance of Underground Lines	
110	573	Maintenance of Miscellaneous Transmission Plant	\$216,478
111		TOTAL Maintenance (Total of lines 101 thru 110)	\$58,969,042
112		TOTAL Transmission Expenses (Total of lines 99 and 111) [c]	\$85,594,804

Notes:

- [a] Line No. as would be reported in FERC Form 1, page 321
- [b] December balances as would be reported in FERC Form 1
- [c] Ties to Attachment H-28A, page 3, line 1, column 3
Above expenses do not include amounts for Met-Ed's 34.5 kV transmission lines

Administrative and General (A&G) Expenses

Line No. [d]	Account Reference	Description	Account Balance [e]
180		Operation	
181	920	Administrative and General Salaries	\$5,475,797
182	921	Office Supplies and Expenses	\$125,403
183	Less 922	Administrative Expenses Transferred - Credit	
184	923	Outside Services Employed	\$7,095,279
185	924	Property Insurance	\$443,173
186	925	Injuries and Damages	\$1,124,024
187	926	Employee Pensions and Benefits	-\$5,512,289
188	927	Franchise Requirements	
189	928	Regulatory Commission Expense	
190	Less 929	(Less) Duplicate Charges-Cr.	
191	930.1	General Advertising Expenses	\$175,049
192	930.2	Miscellaneous General Expenses	\$32,000
193	931	Rents	\$12,926
194		Total Operation (Enter Total of lines 181 thru 193)	\$8,971,362
195		Maintenance	
196	935	Maintenance of General Plant	\$992,020
197		TOTAL A&G Expenses (Total of lines 194 and 196) [f]	\$9,963,382

Notes:

- [d] Line No. as would be reported in FERC Form 1, page 323
- [e] December balances as would be reported in FERC Form 1
- [f] Ties to Attachment H-28A, page 3, line 5, column 3
Above expenses do not include amounts for Met-Ed's 34.5 kV transmission lines

Revenue Credit Worksheet

(See Footnote T on Attachment H-28A, page 5)

		December 31, 2023		
			<u>Amount</u>	
1	Account 451 -- Miscellaneous Service Revenues	FERC Form 1 , page 300 and footnote data		Note S, page 5
1a			\$ -	
1z	Account 451 Total		\$0	
2	Account 454 -- Rent from Electric Property	FERC Form 1, pages 300 and 429		Note R, page 5
2a	Transmission Charge - TMI Unit 1		\$ 1,998,563	
2b	Transmission Investment - Power Pool Agreement		\$ 1,762,525	
2z	Account 454 Total		\$3,761,088	
3	Account 456 -- Other Electric Revenues	FERC Form 1, page 330 and footnote data		Note V, page 5
3a	Point-to-point Revenues		\$ 3,279,209	
3b	Facility Maintenance Charges		\$ 243,833	
3z	Account 456 Total		\$3,523,042	