

October 5, 2020

To: Parties to FERC Docket No. ER17-211

**Re: Mid-Atlantic Interstate Transmission, LLC
PJM Open Access Transmission Tariff, Attachment H-28
Projected Transmission Revenue Requirement for Rate Year 2021**

Pursuant to section II.D of the Formula Rate Implementation Protocols (“Protocols”) set forth in Attachment H-28B of the PJM Open Access Transmission Tariff (“PJM OATT”),¹ Mid-Atlantic Interstate Transmission, LLC (“MAIT”) is submitting its Projected Transmission Revenue Requirement (“PTRR”) for Rate Year 2021 to PJM for posting.

The 2021 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 2021 PTRR to the 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 2021 PTRR is attached. Pursuant to section II.I of the Protocols, MAIT shall 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 shall 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 12/31/2021

Line No.	(1)	(2)	(3)	(4)	(5) Allocated Amount
1	GROSS REVENUE REQUIREMENT [page 3, line 43, col 5]				\$ 298,419,600
	REVENUE CREDITS	(Note T)	<u>Total</u>	<u>Allocator</u>	
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)	1,988,973	TP 1.00000	1,988,973
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	15,875,070	TP 1.00000	15,875,070
8	TOTAL REVENUE CREDITS (sum lines 2-7)		21,625,131		21,625,131
9	True-up Adjustment with Interest	Attachment 13, Line 28			18,340,647
10	NET REVENUE REQUIREMENT (Line 1 - Line 8 + Line 9)				\$ 295,135,116
	DIVISOR				<u>Total</u>
11	1 Coincident Peak (CP) (MW)			(Note A)	5,887.6
12	Average 12 CPs (MW)			(Note CC)	5,021.7
13	Annual Rate (\$/MW/Yr)	(line 10 / line 11)	<u>Total</u> 50,128.46		
			<u>Peak Rate</u>		<u>Off-Peak Rate</u>
			<u>Total</u>		<u>Total</u>
14	Point-to-Point Rate (\$/MW/Year)	(line 10 / line 12)	58,771.90		58,771.90
15	Point-to-Point Rate (\$/MW/Month)	(line 14/12)	4,897.66		4,897.66
16	Point-to-Point Rate (\$/MW/Week)	(line 14/52)	1,130.23		1,130.23
17	Point-to-Point Rate (\$/MW/Day)	(line 16/5; line 16/7)	226.05		161.46
18	Point-to-Point Rate (\$/MWh)	(line 14/4,160; line 14/8,760)	14.13		6.71

Formula Rate - Non-Levelized

Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2021

Line No.	(1)	(2)	(3)	(4)	(5)
		Source	Company Total	Allocator	Transmission (Col 3 times Col 4)
RATE BASE:					
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)	2,183,933,069	TP 1.00000	2,183,933,069
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)	123,797,765	W/S 1.00000	123,797,765
5	Common	Attachment 3, Line 14, Col. 6 (Notes U & X)	-	CE 1.00000	-
6	TOTAL GROSS PLANT (sum lines 1-5)		<u>2,307,730,834</u>	GP= 100.000%	<u>2,307,730,834</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)	339,210,222	TP 1.00000	339,210,222
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)	19,229,622	W/S 1.00000	19,229,622
11	Common	Attachment 4, Line 14, Col. 6 (Notes U & X)	-	CE 1.00000	-
12	TOTAL ACCUM. DEPRECIATION (sum lines 7-11)		<u>358,439,843</u>		<u>358,439,843</u>
NET PLANT IN SERVICE					
13	Production	(line 1 - line 7)	-		-
14	Transmission	(line 2 - line 8)	1,844,722,848		1,844,722,848
15	Distribution	(line 3 - line 9)	-		-
16	General & Intangible	(line 4 - line 10)	104,568,143		104,568,143
17	Common	(line 5 - line 11)	-		-
18	TOTAL NET PLANT (sum lines 13-17)		<u>1,949,290,991</u>	NP= 100.000%	<u>1,949,290,991</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)	(349,264,588)	NP 1.00000	(349,264,588)
21	Account No. 283 (enter negative)	Attachment 5, Line 3, Col. 3 (Notes F & Y & DD)	(6,537,754)	NP 1.00000	(6,537,754)
22	Account No. 190	Attachment 5, Line 3, Col. 4 (Notes F & Y & DD)	11,551,830	NP 1.00000	11,551,830
23	Account No. 255 (enter negative)	Attachment 5, Line 3, Col. 5 (Notes F & Y & DD)	-	NP 1.00000	-
24	Unfunded Reserve Plant-related (enter negative)	Attachment 14, Line 9, Col. G (Note Y)	-	DA 1.00000	-
25	Unfunded Reserve Labor-related (enter negative)	Attachment 14, Line 10, Col. G (Note Y)	-	DA 1.00000	-
26	CWIP	216.b (Notes X & Z)	-	DA 1.00000	-
27	Unamortized Regulatory Asset	Attachment 16a, 16b, 16c, line 15, Col. 7 (Notes X)	2,090,365	DA 1.00000	2,090,365
28	Unamortized Abandoned Plant	Attachment 17, Line 15, Col. 7 (Notes X & BB)	-	DA 1.00000	-
29	TOTAL ADJUSTMENTS (sum lines 19-28)		<u>(342,160,147)</u>		<u>(342,160,147)</u>
30	LAND HELD FOR FUTURE USE	214.x.d (Attachment 14, Line 1, Col. D) (Notes G & Y)	-	TP 1.00000	-
31	WORKING CAPITAL (Note H)				
32	CWC	1/8*(Page 3, Line 15 minus Page 3, Lines 11 & 12)	9,926,298		9,652,507
33	Materials & Supplies (Note G)	227.8.c & .16.c (Attachment 14, Line 2, Col. D) (Note Y)	-	TE 0.97293	-
34	Prepayments (Account 165)	111.57.c (Attachment 14, Line 3, Col. D) (Notes B & Y)	814,129	GP 1.00000	814,129
35	TOTAL WORKING CAPITAL (sum lines 32 - 34)		<u>10,740,427</u>		<u>10,466,636</u>
36	RATE BASE (sum lines 18, 29, 30, & 35)		<u>1,617,871,271</u>		<u>1,617,597,480</u>

Formula Rate - Non-Levelized

Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2021

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)	80,911,750	TE	0.97293
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	9,466,866	DA	1.00000
5	A&G	323.197.b (Attachment 20, page 2, line 197)	(694,692)	W/S	1.00000
6	Less FERC Annual Fees		-	W/S	1.00000
7	Less EPRI & Reg. Comm. Exp. & Non-safety Ad. (Note I)		170,000	W/S	1.00000
8	Plus Transmission Related Reg. Comm. Exp. (Note I)		-	TE	0.97293
9	PBOP Expense Adjustment in Year	Attachment 6, Line 9	(636,671)	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	9,466,866	DA	1.00000
14	TOTAL Account 566 (sum lines 12 & 13, ties to 321.97.b)		9,466,866		
15	TOTAL O&M (sum lines 1, 5, 8, 9, 10, 11, 14 less 2, 3, 4, 6, 7)		80,007,634		77,817,305
DEPRECIATION AND AMORTIZATION EXPENSE					
16	Transmission	336.7.b (Note U)	48,511,855	TP	1.00000
17	General & Intangible	336.1.f & 336.10.f (Note U)	6,730,846	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)		55,242,701		55,242,701
TAXES OTHER THAN INCOME TAXES (Note J)					
LABOR RELATED					
21	Payroll	263.i (Attachment 7, line 1z)	497,061	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)	108,828	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)		605,889		605,889
INCOME TAXES (Note K)					
29	$T=1 - \{[(1 - \text{SIT}) * (1 - \text{FIT})] / (1 - \text{SIT} * \text{FIT} * p)\} =$		28.89%		
30	$\text{CIT} = (T/1-T) * (1 - (\text{WCLTD}/R)) =$		32.32%		
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)		1.4063		
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]		386,605		
34	(Excess)/Deficient Deferred Income Taxes (Attachment 15, Lines 2 & 3, Col. 3) [Notes E & Y]		(1,100,219)		
35	Income Tax Calculation = line 30 * line 40		40,527,186	NA	40,520,328
36	ITC adjustment (line 31 * line 32)		(140,188)	NP	(140,188)
37	Permanent Differences and AFUDC Equity Tax Adjustment (line 31 * line 33)		543,688	DA	543,688
38	(Excess)/Deficient Deferred Income Tax Adjustment (line 31 * line 34)		(1,547,253)	DA	(1,547,253)
39	Total Income Taxes	sum lines 35 through 38	39,383,433		39,376,574
40	RETURN	[Rate Base (page 2, line 36) * Rate of Return (page 4, line 25)]	125,398,351.21	NA	125,377,130
GROSS REV. REQUIREMENT (WITHOUT INCENTIVE)					
41	INCENTIVE)	(sum lines 15, 20, 28, 39, 40)	300,638,008		298,419,600
42	ADDITIONAL INCENTIVE REVENUE	Attachment 11, page 2, line 4, col 11 (Note AA)	0		0
43	GROSS REV. REQUIREMENT	(line 41 + line 42)	300,638,008		298,419,600

Formula Rate - Non-Levelized

Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2021

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)					2,183,933,069	
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)					2,183,933,069	
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)					80,911,750	
7	Less transmission expenses included in OATT Ancillary Services (Note L)					2,190,328	
8	Included transmission expenses (line 6 less line 7)					78,721,421	
9	Percentage of transmission expenses after adjustment (line 8 divided by line 6)					0.97293	
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=	0.97293	
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		-	
15	Other	354.24,25,26.b	-	0.00		-	W&S Allocator
16	Total (sum lines 12-15)		-			-	(\$ / Allocation)
						=	1.00000 = WS
COMMON PLANT ALLOCATOR (CE) (Note O)							
			\$		% Electric	W&S Allocator	
17	Electric	200.3.c	-		(line 17 / line 20)	(line 16)	CE
18	Gas	201.3.d	-		1.00000 *	1.00000	=
19	Water	201.3.e	-				1.00000
20	Total (sum lines 17 - 19)		-				
RETURN (R)							
21	Preferred Dividends (118.29c) (positive number)						-
WEIGHTED COST OF CAPITAL							
			\$	(Note C)	Cost	Weighted	
22	Long Term Debt (112.24.c) (Attachment 8, Line 14, Col. 7) (Note X)		769,153,561	40%	0.0395	0.0159 =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)		1,146,808,573	60%	0.1030	0.0617	
25	Total (sum lines 22-24)		1,915,962,135			0.0775 =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)		1,988,973	

Formula Rate - Non-Levelized

Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2021

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 = | 9.99% |
| | p = | (State Income Tax Rate or Composite SIT)
(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	\$	2,190,328	Attachment H-28A, Page 4, Line 7
2		121,975	Revenue Credits for Sched 1A - Note A
3	\$	2,068,353	Net Schedule 1A Expenses (Line 1 - Line 2)
4		32,345,240	Annual MWh in Met-Ed and Penelec Zones - Note B
5	\$	0.0639	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	1,617,597,480	
2	Preferred Dividends	enter positive	0	
Common Stock				
3	Proprietary Capital	Attachment 8, Line 14, Col. 1	1,370,400,543	
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	1,146,808,573	
Capitalization				
8	Long Term Debt	Attachment H-28A, page 4, Line 22, Col. 3	769,153,561	
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	1,146,808,573	
11	Total Capitalization	Attachment H-28A, page 4, Line 25, Col. 3	1,915,962,135	
12	Debt %	Total Long Term Debt	Attachment H-28A, page 4, Line 22, Col. 4	40.1445%
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	59.8555%
15	Debt Cost	Total Long Term Debt	Attachment H-28A, page 4, Line 22, Col. 5	0.0395
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)	0.0159
19	Weighted Cost of Preferred	Preferred Stock	(Line 13 * Line 16)	0.0000
20	Weighted Cost of Common	Common Stock	(Line 14 * Line 17)	0.0617
21	Rate of Return on Rate Base (ROR)		(Sum Lines 18 to 20)	0.0775
22	Investment Return = Rate Base * Rate of Return		(Line 1 * Line 21)	125,377,130

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	28.89%
24	$CIT=(T/(1-T)) * (1-(WCLTD/R)) =$	Calculated	32.32%
25	$1 / (1 - T) =$ (from line 23)	Attachment H-28A, page 3, Line 31, Col.3	1.4063
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	Attachment H-28A, page 3, Line 33, Col. 3	386,605.35
28	(Excess)/Deficient Deferred Income Taxes	Attachment H-28A, page 3, Line 34, Col. 3	(1,100,219.47)
29	Income Tax Calculation	(line 22 * line 24)	40,520,327.98
30	ITC adjustment	(line 25 * line 26)	(140,188.36)
31	Permanent Differences and AFUDC Equity Tax Adjustment	Attachment H-28A, page 3, Line 37, Col. 3	543,688.32
32	(Excess)/Deficient Deferred Income Tax Adjustment	Attachment H-28A, page 3, Line 38, Col. 3	(1,547,253.50)
33	Total Income Taxes	Sum lines 29 to 32	39,376,574.45

Increased Return and Taxes			
34	Return and Income taxes with increase in ROE	(Line 22 + Line 33)	164,753,704.60
35	Return without incentive adder	Attachment H-28A, Page 3, Line 40, Col. 5	125,377,130.15
36	Income Tax without incentive adder	Attachment H-28A, Page 3, Line 39, Col. 5	39,376,574.45
37	Return and Income taxes <u>without</u> increase in ROE	Line 35 + Line 36	164,753,704.60
38	Return and Income taxes with increase in ROE	Line 34	164,753,704.60
39	Incremental Return and incomes taxes for increase in ROE	Line 38 - Line 37	-
40	Rate Base	Line 1	1,617,597,480.21
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	2020	-	2,062,205,506	-	46,570,986	67,982,676	-	2,176,759,168
2	January	2021	-	2,068,647,681	-	46,804,550	67,998,804	-	2,183,451,035
3	February	2021	-	2,071,758,532	-	47,051,707	67,999,379	-	2,186,809,617
4	March	2021	-	2,080,875,601	-	47,345,132	67,999,426	-	2,196,220,158
5	April	2021	-	2,087,694,697	-	48,031,412	67,999,424	-	2,203,725,533
6	May	2021	-	2,134,978,979	-	48,261,966	67,999,421	-	2,251,240,365
7	June	2021	-	2,181,819,727	-	49,338,357	67,999,417	-	2,299,157,501
8	July	2021	-	2,220,371,283	-	50,434,010	68,008,037	-	2,338,813,329
9	August	2021	-	2,226,493,431	-	51,327,755	77,552,043	-	2,355,373,229
10	September	2021	-	2,249,551,677	-	51,800,349	77,552,131	-	2,378,904,157
11	October	2021	-	2,274,095,183	-	56,834,343	77,876,068	-	2,408,805,595
12	November	2021	-	2,297,530,820	-	60,865,819	77,878,066	-	2,436,274,705
13	December	2021	-	2,435,106,784	-	69,113,394	80,746,273	-	2,584,966,451
14	13-month Average	[A] [C]	-	2,183,933,069	-	51,829,214	71,968,551	-	2,307,730,834
			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	2020	-	2,062,217,160	-	46,570,986	67,982,676	-	2,176,770,822
16	January	2021	-	2,068,659,335	-	46,804,550	67,998,804	-	2,183,462,689
17	February	2021	-	2,071,770,186	-	47,051,707	67,999,379	-	2,186,821,271
18	March	2021	-	2,080,887,255	-	47,345,132	67,999,426	-	2,196,231,813
19	April	2021	-	2,087,706,352	-	48,031,412	67,999,424	-	2,203,737,188
20	May	2021	-	2,134,990,633	-	48,261,966	67,999,421	-	2,251,252,019
21	June	2021	-	2,181,831,381	-	49,338,357	67,999,417	-	2,299,169,155
22	July	2021	-	2,220,382,937	-	50,434,010	68,008,037	-	2,338,824,984
23	August	2021	-	2,226,505,086	-	51,327,755	77,552,043	-	2,355,384,884
24	September	2021	-	2,249,563,331	-	51,800,349	77,552,131	-	2,378,915,812
25	October	2021	-	2,274,106,838	-	56,834,343	77,876,068	-	2,408,817,250
26	November	2021	-	2,297,542,474	-	60,865,819	77,878,066	-	2,436,286,360
27	December	2021	-	2,435,118,438	-	69,113,394	80,746,273	-	2,584,978,105
28	13-month Average		-	2,183,944,724	-	51,829,214	71,968,551	-	2,307,742,489

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	2020	-	11,654	-	-	-	-
30	January	2021	-	11,654	-	-	-	-
31	February	2021	-	11,654	-	-	-	-
32	March	2021	-	11,654	-	-	-	-
33	April	2021	-	11,654	-	-	-	-
34	May	2021	-	11,654	-	-	-	-
35	June	2021	-	11,654	-	-	-	-
36	July	2021	-	11,654	-	-	-	-
37	August	2021	-	11,654	-	-	-	-
38	September	2021	-	11,654	-	-	-	-
39	October	2021	-	11,654	-	-	-	-
40	November	2021	-	11,654	-	-	-	-
41	December	2021	-	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 2020	-	339,904,096	-	6,121,117	10,563,257	-	356,588,470
2	January 2021	-	341,211,443	-	6,457,333	10,713,012	-	358,381,788
3	February 2021	-	342,009,058	-	6,790,571	10,863,866	-	359,663,495
4	March 2021	-	341,484,513	-	7,122,390	11,014,756	-	359,621,660
5	April 2021	-	340,968,070	-	7,429,220	11,165,650	-	359,562,940
6	May 2021	-	338,605,143	-	7,763,426	11,316,543	-	357,685,112
7	June 2021	-	337,222,920	-	8,044,081	11,467,437	-	356,734,438
8	July 2021	-	336,987,627	-	8,325,595	11,617,848	-	356,931,070
9	August 2021	-	338,974,845	-	8,619,174	11,234,506	-	358,828,525
10	September 2021	-	339,580,606	-	8,939,283	11,535,171	-	360,055,060
11	October 2021	-	339,631,898	-	8,967,994	11,815,410	-	360,415,301
12	November 2021	-	340,162,765	-	9,060,942	12,116,456	-	361,340,163
13	December 2021	-	332,989,895	-	8,664,549	12,255,497	-	353,909,941
14	13-month Average [A] [C]	-	339,210,222	-	7,869,667	11,359,954	-	358,439,843.29
		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 2020	-	339,912,538	-	6,121,117	10,563,257	-	356,596,911
16	January 2021	-	341,219,903	-	6,457,333	10,713,012	-	358,390,249
17	February 2021	-	342,017,538	-	6,790,571	10,863,866	-	359,671,975
18	March 2021	-	341,493,012	-	7,122,390	11,014,756	-	359,630,158
19	April 2021	-	340,976,588	-	7,429,220	11,165,650	-	359,571,458
20	May 2021	-	338,613,679	-	7,763,426	11,316,543	-	357,693,649
21	June 2021	-	337,231,476	-	8,044,081	11,467,437	-	356,742,993
22	July 2021	-	336,996,202	-	8,325,595	11,617,848	-	356,939,645
23	August 2021	-	338,983,439	-	8,619,174	11,234,506	-	358,837,119
24	September 2021	-	339,589,218	-	8,939,283	11,535,171	-	360,063,672
25	October 2021	-	339,640,529	-	8,967,994	11,815,410	-	360,423,932
26	November 2021	-	340,171,416	-	9,060,942	12,116,456	-	361,348,814
27	December 2021	-	332,998,565	-	8,664,549	12,255,497	-	353,918,610
28	13-month Average	-	339,218,777	-	7,869,667	11,359,954	-	358,448,399

Reserve for Depreciation of Asset Retirement Costs			Production	Transmission	Distribution	Intangible	General	Common
		[B]	Company Records					
29	December 2020			8,442				
30	January 2021			8,461				
31	February 2021			8,480				
32	March 2021			8,499				
33	April 2021			8,518				
34	May 2021			8,537				
35	June 2021			8,556				
36	July 2021			8,575				
37	August 2021			8,594				
38	September 2021			8,613				
39	October 2021			8,632				
40	November 2021			8,650				
41	December 2021			8,669				
42	13-month Average			8,556	-	-	-	-

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 2020	-	(343,148,681)	(7,643,729)	11,146,826	-	(339,645,584)
2 December 31 2021	-	(355,380,494)	(5,431,780)	11,956,834	-	(348,855,439)
3 Begin/End Average [A]	-	(349,264,588)	(6,537,754)	11,551,830	-	(344,250,512)

		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 2020			278,769,426	(14,568,767)	17,073,746	2,130,100	283,404,504
5 December 31 2021			315,204,823	(18,666,223)	18,981,038	2,030,415	317,550,053
6 Begin/End Average		-	296,987,125	(16,617,495)	18,027,392	2,080,257	300,477,279

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]
2020	-	(7,426,962)	(56,952,294)	-	-	-	-
2021	-	(7,255,461)	(52,538,123)	-	-	-	19,617,913

- [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]
2020	-	-	(22,212,496)	-	-	-	-
2021	-	-	(20,550,382)	-	-	-	(3,547,620)

- [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]
2020	-	-	(1,418,437)	7,345,357	-	-	-
2021	-	-	(1,135,488)	6,860,564	-	-	1,299,127

- [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]
	2021 Quarterly Activity and Balances							
Beginning 190 (including adjustments)	Q1 Activity	Ending Q1	Q2 Activity	Ending Q2	Q3 Activity	Ending Q3	Q4 Activity	Ending Q4
11,146,826	523,332	11,670,158	560,650	12,230,807	505,089	12,735,896	520,065	13,255,961
Beginning 190 (including adjustments) 11,146,826	Pro-rated Q1 395,725	Pro-rated Q2 284,165	Pro-rated Q3 128,694	Pro-rated Q4 1,425				
Beginning 282 (including adjustments)	Q1 Activity	Ending Q1	Q2 Activity	Ending Q2	Q3 Activity	Ending Q3	Q4 Activity	Ending Q4
343,148,681	7,902,755	351,051,436	8,466,281	359,517,717	7,627,267	367,144,985	7,853,422	374,998,407
Beginning 282 (including adjustments) 343,148,681	Pro-rated Q1 5,975,782	Pro-rated Q2 4,291,129	Pro-rated Q3 1,943,386	Pro-rated Q4 21,516				
Beginning 283 (including adjustments)	Q1 Activity	Ending Q1	Q2 Activity	Ending Q2	Q3 Activity	Ending Q3	Q4 Activity	Ending Q4
7,643,729	(1,429,101)	6,214,628	(1,531,006)	4,683,622	(1,379,283)	3,304,339	(1,420,180)	1,884,160
Beginning 283 (including adjustments) 7,643,729	Pro-rated Q1 (1,080,635)	Pro-rated Q2 (775,990)	Pro-rated Q3 (351,434)	Pro-rated Q4 (3,891)				

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)
2021 Activity					
<hr/>					
Pro-rated Total Pro-rated Ending 190					
810,009 11,956,834	18,981,038	7,024,203	5,725,077	1,299,127	11,956,834
<hr/>					
Pro-rated Total Pro-rated Ending 282					
12,231,813 355,380,494	315,204,823	(40,175,671)	(59,793,584)	19,617,913	355,380,494
<hr/>					
Pro-rated Total Pro-rated Ending 283					
(2,211,949) 5,431,780	(18,666,223)	(24,098,002)	(20,550,382)	(3,547,620)	5,431,780

ADIT Detail

For the 12 months ended 12/31/2021

<u>COLUMN A</u>	<u>COLUMN B</u>	<u>COLUMN C</u>	<u>COLUMN D</u>
	BALANCE AS <u>OF 12-31-20</u>	BALANCE AS <u>OF 12-31-21</u>	AVERAGE <u>BALANCE</u>
ACCOUNT 255:			
Investment Tax Credit	2,130,100	2,030,415	2,080,257
1 TOTAL ACCOUNT 255	<u>2,130,100</u>	<u>2,030,415</u>	
ACCOUNT 282:			
263A Capitalized Overheads	21,350,731	20,661,052	21,005,891
Accelerated Depreciation	256,236,838	281,214,630	268,725,734
AFUDC	4,544,959	5,571,968	5,058,464
AFUDC Equity	10,781,427	14,655,780	12,718,603
Capitalized Benefits	5,209,325	5,099,404	5,154,364
Capitalized Tree Trimming	6,962,212	7,106,092	7,034,152
Casualty Loss	177,792	(483,394)	(152,801)
OPEBs	(7,426,962)	(7,255,461)	(7,341,211)
Other	(3,790,848)	(3,892,797)	(3,841,822)
Repairs	52,457,672	59,721,452	56,089,562
FAS109 Related to Property	(67,733,720)	(67,193,903)	(67,463,812)
2 TOTAL ACCOUNT 282	<u>278,769,426</u>	<u>315,204,823</u>	

ADIT Detail

For the 12 months ended 12/31/2021

<u>COLUMN A</u>	<u>COLUMN B</u>	<u>COLUMN C</u>	<u>COLUMN D</u>
	BALANCE AS <u>OF 12-31-20</u>	BALANCE AS <u>OF 12-31-21</u>	AVERAGE <u>BALANCE</u>
ACCOUNT 283:			
AFUDC Equity Flow Thru (Gross up)	4,380,639	5,954,841	5,167,740
Property FAS109	(26,593,136)	(26,505,224)	(26,549,180)
PJM Receivable	5,607,869	0	2,803,935
Vegetation Management - FERC Adjustment	690,229	517,672	603,950
State Income Tax Deductible	1,296,960	1,296,960	1,296,960
Deferred Charge-EIB	48,670	69,528	59,099
3 TOTAL ACCOUNT 283	<u>(14,568,767)</u>	<u>(18,666,223)</u>	

ADIT Detail

For the 12 months ended 12/31/2021

COLUMN ACOLUMN BCOLUMN CCOLUMN D

BALANCE AS

BALANCE AS AVERAGE

OF 12-31-20OF 12-31-21

BALANCE

ACCOUNT 190:

Capitalized Interest	5,066,187	7,346,001	6,206,094
Contribution in Aid of Construction	7,345,357	6,860,564	7,102,961
Federal Long Term	309,218	309,218	309,218
Investment Tax Credit	865,488	824,985	845,237
PJM Payable	5,591,844	5,591,844	5,591,844
Charitable Contribution Carryforward	4,793	4,793	4,793
Lease ROU Asset & Liability	(2,247,271)	(2,172,128)	(2,209,700)
NOL Deferred Tax Asset - LT PA	2,418,881	2,173,060	2,295,970
Pension EDCP-SERP Payments	3,173	3,173	3,173
FAS109 Related to Property	(2,283,926)	(1,960,473)	(2,122,199)

4 TOTAL ACCOUNT 190

17,073,746

18,981,038

18,027,392

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	22,721,464	MAIT Labor: Company Records
7	PBOP Expense for current year (line 5 * line 6)	-\$1,219,957	
8	PBOP expense in Account 926 for current year	(583,286)	MAIT Account 926: Company Records
9	PBOP Adjustment for Attachment H-28A, page 3, line 9 (line 7 - line 8)	(636,671)	

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, 2021
1	Payroll Taxes		
1a	FICA	263.i	497,061
1b		263.i	-
1c		263.i	-
1z	Payroll Taxes Total		497,061
2	Highway and Vehicle Taxes		
2a		263.i	-
2z	Highway and Vehicle Taxes		-
3	Property Taxes		
3a	Property Tax	263.i	108,828
3b			-
3c			-
3z	Property Taxes		108,828
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]		\$605,889

Notes:

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

Capital Structure Calculation

For the 12 months ended 12/31/2021

		[1]	[2]	[3]	[4]	[5]	[6]	[7]
		Proprietary Capital	Preferred Stock	Account 216.1	Account 219	Goodwill	Common Stock	Long Term Debt
	[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 2020	1,188,006,499				223,591,970	964,414,529	699,917,176
2	January 2021	1,196,674,115				223,591,970	973,082,145	699,918,112
3	February 2021	1,205,455,999				223,591,970	981,864,029	699,919,048
4	March 2021	1,214,489,154				223,591,970	990,897,184	699,919,984
5	April 2021	1,223,676,922				223,591,970	1,000,084,952	699,920,920
6	May 2021	1,233,814,546				223,591,970	1,010,222,576	699,921,856
7	June 2021	1,494,189,709				223,591,970	1,270,597,739	699,922,792
8	July 2021	1,504,334,869				223,591,970	1,280,742,899	849,923,728
9	August 2021	1,514,099,983				223,591,970	1,290,508,013	849,924,664
10	September 2021	1,524,098,815				223,591,970	1,300,506,845	849,925,600
11	October 2021	1,534,176,229				223,591,970	1,310,584,259	849,926,536
12	November 2021	1,544,187,876				223,591,970	1,320,595,906	849,927,472
13	December 2021	1,438,002,349				223,591,970	1,214,410,379	849,928,407
14	13-month Average	1,370,400,543	-	-	-	223,591,970	1,146,808,573	769,153,561

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 12/31/2021										
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Long Term Debt Cost at Year End 12/31/2021	Issue Date	Maturity Date	ORIGINAL ISSUANCE (table 2, col. cc)	Net Proceeds All Issuance (table 2, col. hh)	Net Amount Outstanding at t=N	Months Outstanding at t=N	Average Net Outstanding in Year* z (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)
First Mortgage Bonds:										
(1) 4.10%, Senior Unsecured Note	5/10/2018	5/15/2028	\$ 450,000,000	\$ 445,906,699	\$ 447,563,736	12	\$ 447,563,736	58.09%	4.21%	2.45%
(2) 3.60%, Senior Unsecured Note	3/31/2020	4/1/2032	\$ 125,000,000	\$ -	\$ 124,301,719	12	\$ 124,301,719	16.13%	3.67%	0.53%
(3) 3.70%, Senior Unsecured Note	3/31/2020	4/1/2035	\$ 125,000,000	\$ -	\$ 124,277,875	12	\$ 124,277,875	16.13%	3.76%	0.61%
(4) 3.00%, Senior Unsecured Note - Planned	7/1/2021	7/1/2031	\$ 150,000,000	\$ 148,500,000	\$ 148,575,000	6	\$ 74,287,500	9.64%	3.12%	0.30%
Total			\$ 850,000,000		\$ 844,718,330		\$ 770,430,830	100.000%		3.95%

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 debenture debt cost calculations shall be taken to four decimals in percentages (7.2300%, 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 to 28A.

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

YEAR ENDED 12/31/2021													
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) Less Related ADIT	(hh) Net Proceeds + 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) 3.60%, Senior Unsecured Note		3/31/2020	4/1/2032	\$ 125,000,000	\$ -	\$ 817,500	-	xxx	\$ 124,182,500	99.3460	0.03600	\$ 4,500,000	3.67%
(3) 3.70%, Senior Unsecured Note		3/31/2020	4/1/2035	\$ 125,000,000	\$ -	\$ 817,500	-	xxx	\$ 124,182,500	99.3460	0.03700	\$ 4,625,000	3.76%
(4) 3.00%, Senior Unsecured Note - Planned		7/1/2021	7/1/2031	150,000,000	\$ -	1,500,000	-	-	\$ 148,500,000	99.0000	0.03000	\$ 4,500,000	3.12%
TOTALS				\$ 850,000,000	(112,500)	\$ 7,115,801	-	xxx	\$ 842,771,699			\$ 32,075,000	

* 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)	(2)	(3)	(4)
Line No.	Reference	Transmission	Allocator
1	Gross Transmission Plant - Total Attach. H-28A, p. 2, line 2, col. 5 (Note A)	\$ 2,183,933,069	
2	Net Transmission Plant - Total Attach. H-28A, p. 2, line 14, col. 5 (Note B)	\$ 1,844,722,848	
OSM EXPENSE			
3	Total O&M Allocated to Transmission Attach. H-28A, p. 3, line 15, col. 5	\$ 77,817,305	
4	Annual Allocation Factor for O&M (line 3 divided by line 1, col. 3)	3.563173%	3.563173%
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	\$ 6,730,846	
6	Annual allocation factor for G, I, & C depreciation expense (line 5 divided by line 1, col. 3)	0.308198%	0.308198%
TAXES OTHER THAN INCOME TAXES			
7	Total Other Taxes Attach. H-28A, p. 3, line 28, col. 5	\$ 605,889	
8	Annual Allocation Factor for Other Taxes (line 7 divided by line 1, col. 3)	0.027743%	0.027743%
9	Annual Allocation Factor for Expense Sum of line 4, 6, & 8		3.899114%
INCOME TAXES			
10	Total Income Taxes Attach. H-28A, p. 3, line 29, col. 5	\$ 39,376,574	
11	Annual Allocation Factor for Income Taxes (line 10 divided by line 2, col. 3)	2.134552%	2.134552%
RETURN			
12	Return on Rate Base Attach. H-28A, p. 3, line 40, col. 5	\$ 125,377,130	
13	Annual Allocation Factor for Return on Rate Base (line 12 divided by line 2, col. 3)	6.796529%	6.796529%
14	Annual Allocation Factor for Return Sum of line 11 and 13		8.931082%

Columns 5-9 (page 1) only applies with incentive RDE project(s) (Note F)

(5)	(6)	(7)	(8)	(9)
Line No.	Reference	Transmission	Allocator	
INCOME TAXES				
10b	Total Income Taxes Attachment 2, line 33	\$ 39,376,574		
11b	Annual Allocation Factor for Income Taxes (line 10b divided by line 2, col. 3)	2.134552%		2.134552%
RETURN				
12b	Return on Rate Base Attachment 2, line 22	\$ 125,377,130		
13b	Annual Allocation Factor for Return on Rate Base (line 12b divided by line 2, col. 3)	6.796529%		6.796529%
14b	Annual Allocation Factor for Return Sum of line 11b and 13b			8.931082%
15	Additional Annual Allocation Factor for Return Line 14 b, col. 9 less line 14, col. 4			0.00000%

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 Expense	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	True-up Adjustment	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)
	Install 230kV series reactor and 2- 100MVAR PLC switched capacitors at Hunterstown	b0215	\$ 12,037,431	3.899114%	\$492,748	\$ 9,839,662	8.931082%	\$878,788	\$ 193,353	\$1,264,889	-	\$1,264,889	170,779	\$1,735,668
2a	Install 250 MVAR capacitor at Keystone 500 kV	b0549	\$ 3,207,134	3.899114%	\$122,050	\$ 2,744,738	8.931082%	\$245,140	\$ 44,258	\$14,448	-	\$14,448	40,967	\$45,415
2c	Install 25 MVAR capacitor at Sarton 115 kV substation	b0551	\$ 1,380,393	3.899114%	\$53,823	\$ 1,075,855	8.931082%	\$96,086	\$ 18,940	\$168,849	-	\$168,849	17,007	\$185,856
2d	Install 50 MVAR capacitor at Albion 230 kV substation	b0552	\$ 1,038,335	3.899114%	\$40,486	\$ 915,080	8.931082%	\$81,725	\$ 14,329	\$136,540	-	\$136,540	11,496	\$148,036
2e	Install 50 MVAR capacitor at Revere 230 kV substation	b0553	\$ 927,947	3.899114%	\$36,192	\$ 793,633	8.931082%	\$70,696	\$ 12,806	\$119,885	-	\$119,885	11,553	\$131,438
2f	Install 75 MVAR capacitor at East Towards 230 kV substation	b0557	\$ 2,177,814	3.899114%	\$84,915	\$ 1,863,783	8.931082%	\$166,456	\$ 29,867	\$281,239	-	\$281,239	27,862	\$308,800
2g	Relocate the Erie South 360 kV line terminal Convent Lewis Run/Farmers Valley to 230 kV using 1033.5 ACBR conductor. Project to be completed in conjunction with new Farmers Valley 345/230 kV transformation	b1993	\$ 10,675,225	3.899114%	\$416,239	\$ 9,730,166	8.931082%	\$869,009	\$ 147,089	\$1,432,337	-	\$1,432,337	125,613	\$1,557,950
2h	Portneck/Kistany 230kV Terminal Upgrade	b1994	\$ 63,487,236	3.899114%	\$2,475,600	\$ 60,716,573	8.931082%	\$5,422,926	\$ 913,500	\$8,812,155	-	\$8,812,155	324,371	\$9,136,526
2i	South Lebanon 230/69 kv Bank 1 - Upgrade 69 kv Terminal Facilities	b1984	\$ 87,275	3.899114%	\$3,403	\$ 71,850	8.931082%	\$6,417	\$ 1,789	\$11,609	-	\$11,609	14,345	\$25,954
2k	Middletown Sub - 69 kv Capacitor Bank	b1382	\$ 47,992	3.899114%	\$1,871	\$ 41,522	8.931082%	\$3,708	\$ 614	\$6,194	-	\$6,194	8,112	\$14,306
2l	Germantown - 138kv Reactor Removal	b1816.4	\$ -	3.899114%	\$0	\$ -	8.931082%	\$0	\$ -	\$0	-	\$0	6,239	\$6,239
2m	Germantown p 138 115kV #1 Bl. Xtrn + Upgrade 138kV 996L & 115kV 998L components RTEP 1208B, 1208C, 1, 1208D, 2	b2688.1 & b2688.2	\$ 5,326,586	3.899114%	\$231,100	\$ 5,535,056	8.931082%	\$494,340	\$ 121,503	\$846,944	-	\$846,944	1,043,516	\$1,890,460
2n	Loop the 2026 (TM - Hosensack 500 kV) line in to the Lautschow substation and upgrade relay at TMI 500 kV	b2006.1.1_DFAX_All location	\$ 2,215,749	3.899114%	\$86,395	\$ 1,992,195	8.931082%	\$177,925	\$ 54,507	\$318,827	-	\$318,827	27,276	\$346,103
2o	Loop the 2026 (TM - Hosensack 500 kV) line in to the Lautschow substation and upgrade relay at TMI 500 kV	b2006.1.1_Load_Rat o Share Allocation	\$ 2,215,749	3.899114%	\$86,395	\$ 1,992,195	8.931082%	\$177,925	\$ 54,507	\$318,827	-	\$318,827	27,276	\$346,103
2p	Install 2nd Hunterstown 230/115 kV transformer	b2452	\$ 6,023,189	3.899114%	\$234,650	\$ 5,487,281	8.931082%	\$490,082	\$ 132,510	\$877,442	-	\$877,442	44,513	\$921,959
2q	Reconductor Hunterstown - Oxford 115 kv line. Replace wave trap and upgrade a bus section at Keystone 500 kV - on the Keystone - Alvinde 500 kV	b2452.1	\$ 2,721,723	3.899114%	\$106,123	\$ 2,477,571	8.931082%	\$221,274	\$ 59,878	\$387,275	-	\$387,275	56,342	\$443,617
2r	Install 100 MVAR Dynamic Reactive Device at Alvinde 500 kV substation	b0284.3	\$ -	3.899114%	\$0	\$ -	8.931082%	\$0	\$ -	\$0	-	\$0	6,724	\$6,724
2s	Install 100 MVAR Dynamic Reactive Device at Keystone 500 kV substation	b0389	\$ -	3.899114%	\$0	\$ -	8.931082%	\$0	\$ -	\$0	-	\$0	329,494	\$329,494
2t	Tie in new Rice substation to Conemaugh-Hunterstown 500 kV	b2743.2	\$ 1,088,720	3.899114%	\$42,840	\$ 1,097,744	8.931082%	\$88,040	\$ 12,876	\$153,557	-	\$153,557	-	\$153,557
2u	Upgrade terminal equipment at Conemaugh 500 kV; on the Conemaugh - Hunterstown 500 kV	b2743.3	\$ 142,164	3.899114%	\$5,543	\$ 141,214	8.931082%	\$12,821	\$ 2,352	\$21,086	-	\$21,086	-	\$21,086
2v	Upgrade terminal equipment at Hunterstown 500 kV; on the Conemaugh - Hunterstown 500 kV	b2743.4	\$ 40,908	3.899114%	\$1,595	\$ 40,873	8.931082%	\$3,650	\$ 454	\$5,700	-	\$5,700	-	\$5,700
3	Transmission Enhancement Credit taken to Attachment H-28A Page 1, Line 7											15,875,069.53		
4	Additional Incentive Revenue taken to Attachment H-28A Page 3, Line 42										\$0.00			

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 ROE incentive must be approved by the Commission
- G True-up adjustment is calculated on the project true-up schedule, attachment 12, column i
- 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-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21
2a	Install 220kV series reactor and 2- 100MVAR PLC switched capacitors at Hunterstown	h0215	\$ 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	h0549	\$ 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 Sixton 115 kV substation	h0551	\$ 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 Altoona 230 kV substation	h0552	\$ 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	h0553	\$ 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	h0557	\$ 2,177,814	\$2,177,814	\$2,177,814	\$2,177,814	\$2,177,814	\$2,177,814	\$2,177,814	\$2,177,814	\$2,177,814	\$2,177,814	\$2,177,814	\$2,177,814	\$2,177,814	\$2,177,814
2g	Relocate the Erie South 345 kV line terminal	h1993	\$ 10,675,225	\$10,675,225	\$10,675,225	\$10,675,225	\$10,675,225	\$10,675,225	\$10,675,225	\$10,675,225	\$10,675,225	\$10,675,225	\$10,675,225	\$10,675,225	\$10,675,225	\$10,675,225
	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	\$ 63,497,236	\$63,497,236	\$63,497,236	\$63,497,236	\$63,497,236	\$63,497,236	\$63,497,236	\$63,497,236	\$63,497,236	\$63,497,236	\$63,497,236	\$63,497,236	\$63,497,236	\$63,497,236
2h	Portland-Kittatinny 230kv Terminal Upgrade	b0132.3	\$ 130,995	\$130,995	\$130,995	\$130,995	\$130,995	\$130,995	\$130,995	\$130,995	\$130,995	\$130,995	\$130,995	\$130,995	\$130,995	\$130,995
	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
2k	Middletown Sub - 69 kv Capacitor Bank	h1362	\$ 47,992	\$47,992	\$47,992	\$47,992	\$47,992	\$47,992	\$47,992	\$47,992	\$47,992	\$47,992	\$47,992	\$47,992	\$47,992	\$47,992
2l	Germantown - 138kv Reactor Removal	b1816.4	\$ -	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Germantown r p 138 115kV #1 Bk Xfmr + Upgrade 138kV 999L & 115kV 998L components RTEP b2688, b2688.1, b2688.2	b2688.1 & b2688.2	\$ 5,926,986	\$5,926,986	\$5,926,986	\$5,926,986	\$5,926,986	\$5,926,986	\$5,926,986	\$5,926,986	\$5,926,986	\$5,926,986	\$5,926,986	\$5,926,986	\$5,926,986	\$5,926,986
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_Allocati	\$ 2,215,749	\$2,215,749	\$2,215,749	\$2,215,749	\$2,215,749	\$2,215,749	\$2,215,749	\$2,215,749	\$2,215,749	\$2,215,749	\$2,215,749	\$2,215,749	\$2,215,749	\$2,215,749
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_Sh	\$ 2,215,749	\$2,215,749	\$2,215,749	\$2,215,749	\$2,215,749	\$2,215,749	\$2,215,749	\$2,215,749	\$2,215,749	\$2,215,749	\$2,215,749	\$2,215,749	\$2,215,749	\$2,215,749
2o	Install 2nd Hunterstown 230/115 kV transformer	h2452	\$ 6,023,169	\$6,023,169	\$6,023,169	\$6,023,169	\$6,023,169	\$6,023,169	\$6,023,169	\$6,023,169	\$6,023,169	\$6,023,169	\$6,023,169	\$6,023,169	\$6,023,169	\$6,023,169
2p	Reconductor Hunterstown - Oxford 115 kV line	h2452.1	\$ 2,721,723	\$2,721,723	\$2,721,723	\$2,721,723	\$2,721,723	\$2,721,723	\$2,721,723	\$2,721,723	\$2,721,723	\$2,721,723	\$2,721,723	\$2,721,723	\$2,721,723	\$2,721,723
2q	Replace wave trap and upgrade a bus section at Keystone 500 kV - on the Keystone - Airydale 500 kV	h0284.3	\$ -	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2r	Install 100 MVAR Dynamic Reactive Device at Airydale 500 kV substation	h0369	\$ -	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2s	Tie in new Rice substation to Conemaugh-Hunterstown 500 kV	h2743.2	\$ 1,098,720	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$14,283,355
2t	Upgrade terminal equipment at Conemaugh 500 kV: on the Conemaugh - Hunterstown 500 kV circuit	h2743.3	\$ 142,164	\$0	\$0	\$0	\$0	\$0	\$0	\$264,018	\$264,018	\$264,018	\$264,018	\$264,018	\$264,018	\$264,018
2u	Upgrade terminal equipment at Hunterstown 500 kV: on the Conemaugh - Hunterstown 500 kV circuit	h2743.4	\$ 40,908	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$531,800

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 12/31/2021

Accumulated Depreciation (Note B)	Dec-20 (Note D)	Jan-21 (Note D)	Feb-21 (Note D)	Mar-21 (Note D)	Apr-21 (Note D)	May-21 (Note D)	Jun-21 (Note D)	Jul-21 (Note D)	Aug-21 (Note D)	Sep-21 (Note D)	Oct-21 (Note D)	Nov-21 (Note D)	Dec-21 (Note D)	Project Net Plant (Note B & C)
\$2,797,769	\$2,701,093	\$2,717,205	\$2,733,318	\$2,749,431	\$2,765,544	\$2,781,656	\$2,797,769	\$2,813,882	\$2,829,994	\$2,846,107	\$2,862,220	\$2,878,333	\$2,894,445	\$9,839,662
\$462,336	\$440,207	\$443,895	\$447,583	\$451,271	\$454,960	\$458,648	\$462,336	\$466,024	\$469,712	\$473,401	\$477,089	\$480,777	\$484,465	\$2,744,798
\$304,538	\$295,068	\$296,646	\$298,225	\$299,803	\$301,381	\$302,960	\$304,538	\$306,116	\$307,695	\$309,273	\$310,851	\$312,430	\$314,008	\$1,075,855
\$123,275	\$116,110	\$117,304	\$118,498	\$119,692	\$120,886	\$122,081	\$123,275	\$124,469	\$125,663	\$126,857	\$128,051	\$129,245	\$130,439	\$915,060
\$134,114	\$127,711	\$128,778	\$129,845	\$130,913	\$131,980	\$133,047	\$134,114	\$135,181	\$136,248	\$137,315	\$138,383	\$139,450	\$140,517	\$793,833
\$314,031	\$299,098	\$301,587	\$304,076	\$306,565	\$309,054	\$311,542	\$314,031	\$316,520	\$319,009	\$321,498	\$323,987	\$326,476	\$328,965	\$1,863,783
\$945,059	\$871,515	\$883,772	\$896,030	\$908,287	\$920,545	\$932,802	\$945,059	\$957,317	\$969,574	\$981,832	\$994,089	\$1,006,347	\$1,018,604	\$9,730,166
\$2,778,663	\$2,321,913	\$2,398,038	\$2,474,163	\$2,550,288	\$2,626,413	\$2,702,538	\$2,778,663	\$2,854,788	\$2,930,913	\$3,007,038	\$3,083,163	\$3,159,288	\$3,235,412	\$60,718,573
\$25,007	\$23,664	\$23,888	\$24,112	\$24,336	\$24,560	\$24,783	\$25,007	\$25,231	\$25,455	\$25,678	\$25,902	\$26,126	\$26,350	\$105,988
\$15,425	\$14,530	\$14,679	\$14,828	\$14,977	\$15,127	\$15,276	\$15,425	\$15,574	\$15,723	\$15,872	\$16,021	\$16,170	\$16,319	\$71,850
\$6,470	\$6,163	\$6,214	\$6,265	\$6,316	\$6,367	\$6,419	\$6,470	\$6,521	\$6,572	\$6,623	\$6,675	\$6,726	\$6,777	\$41,522
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$391,930	\$331,179	\$341,304	\$351,429	\$361,555	\$371,680	\$381,805	\$391,930	\$402,056	\$412,181	\$422,306	\$432,431	\$442,557	\$452,682	\$5,535,056
\$223,554	\$196,300	\$200,842	\$205,384	\$209,927	\$214,469	\$219,011	\$223,554	\$228,096	\$232,638	\$237,180	\$241,723	\$246,265	\$250,807	\$1,992,195
\$223,554	\$196,300	\$200,842	\$205,384	\$209,927	\$214,469	\$219,011	\$223,554	\$228,096	\$232,638	\$237,180	\$241,723	\$246,265	\$250,807	\$1,992,195
\$535,788	\$469,534	\$480,576	\$491,618	\$502,661	\$513,703	\$524,746	\$535,788	\$546,831	\$557,873	\$568,916	\$579,958	\$591,001	\$602,043	\$5,487,381
\$244,152	\$214,213	\$219,203	\$224,193	\$229,183	\$234,172	\$239,162	\$244,152	\$249,142	\$254,132	\$259,122	\$264,111	\$269,101	\$274,091	\$2,477,571
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$975	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,676	\$1,097,744
\$850	\$0	\$0	\$0	\$0	\$0	\$0	\$226	\$677	\$1,128	\$1,579	\$2,030	\$2,481	\$2,932	\$141,314
\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$454	\$40,873

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 Appendix D	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)
				Projected Attachment 11 p 2 of 2, col. 14	Col d, line 2 / Col. d, line 3	Col c, line 1 * Col e	Actual Attachment 11 p 2 of 2, col. 14	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		14,922,371							
2a	Install 230kV series reactor and 2- 100MVAR PLC	b0215		\$1,521,328	0.11	1,594,471.84	\$1,748,517	(154,046)	(16,734)	(170,779)
2b	Install 250 MVAR capacitor at Keystone 500 kV	b0549		\$402,934	0.03	422,306.81	\$459,259	(36,952)	(4,014)	(40,967)
2c	Install 25 MVAR capacitor at Saxton 115 kV subs	b0551		\$165,244	0.01	173,188.70	\$188,529	(15,341)	(1,666)	(17,007)
2d	Install 50 MVAR capacitor at Altoona 230 kV subs	b0552		\$134,126	0.01	140,575.05	\$150,944	(10,369)	(1,126)	(11,496)
2e	Install 50 MVAR capacitor at Raystown 230 kV su	b0553		\$116,815	0.01	122,431.73	\$132,852	(10,421)	(1,132)	(11,553)
2f	Install 75 MVAR capacitor at East Towanda 230 k	b0557		\$273,534	0.02	286,684.99	\$311,636	(24,951)	(2,710)	(27,662)
2g	Relocate the Erie South 345 kV line terminal	b1993		\$1,396,767	0.10	1,463,922.13	\$1,577,227	(113,305)	(12,308)	(125,613)
2h	Convert Lewis Run-Farmers Valley to 230 kV usir	b1994		\$8,661,798	0.61	9,078,246.13	\$9,370,834	(292,588)	(31,783)	(324,371)
2i	Portland-Kittatinny 230kv Terminal Upgrade	b0132.3		-	-	-	\$19,264	(19,264)	(2,093)	(21,356)
2j	South Lebanon 230/69 kv Bank 1 - Upgrade 69 kv	b1364		-	-	-	\$12,940	(12,940)	(1,406)	(14,345)
2k	Middletown Sub - 69 kv Capacitor Bank	b1362		-	-	-	\$7,317	(7,317)	(795)	(8,112)
2l	Germantown - 138kv Reactor Removal	b1816.4		-	-	-	\$5,628	(5,628)	(611)	(6,239)
2m	Germantown r p 138 115kV #1 Bk Xfmr + Upgrac:688.1 & b2688.2			-	-	-	\$941,269	(941,269)	(102,247)	(1,043,516)
2n	Loop the 2026 (TMI - Hosensack 500 kV) line in tr. 1.1_DFAX_Allocation			\$313,679	0.02	328,760.67	\$353,364	(24,604)	(2,673)	(27,276)
2o	Loop the 2026 (TMI - Hosensack 500 kV) line in t:oad_Ratio_Share_Allocation			\$313,679	0.02	328,760.67	\$353,364	(24,604)	(2,673)	(27,276)
2p	Install 2nd Hunterstown 230/115 kV transformer	b2452		\$866,904	0.06	908,583.25	\$948,735	(40,152)	(4,362)	(44,513)
2q	Reconductor Hunterstown - Oxford 115 kV line	b2452.1		\$360,387	0.03	377,713.99	\$428,535	(50,821)	(5,521)	(56,342)
2r	Replace wave trap and upgrade a bus section at	b0284.3		-\$5,787	(0.00)	(6,065.50)	\$0	(6,066)	(659)	(6,724)
2s	Install 100 MVAR Dynamic Reactive Device at Ai	b0369		-\$283,576	(0.02)	(297,209.45)	\$0	(297,209)	(32,285)	(329,494)
				-	-	-	-	-	-	-
				-	-	-	-	-	-	-
				-	-	-	-	-	-	-
				-	-	-	-	-	-	-
				-	-	-	-	-	-	-
				-	-	-	-	-	-	-
				-	-	-	-	-	-	-
3	Subtotal			14,237,835			17,010,217	(2,087,846)		(2,314,642)
4	Total Interest (Sourced from Attachment 13a, line 30)									(226,796)

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 2019 Available June 1, 2020 \$204,660,220	-	2019 Revenue Requirement Collected by PJM Based on Forecast filed on Oct 31, 2018 \$188,116,652	=	True-up Adjustment - Over (Under) Recovery (\$16,543,568)
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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]		0.420%				

An over or under collection will be recovered prorata over 2018, held for 2019 and returned prorata over 2020

<u>Calculation of Interest</u>			<u>Monthly</u>				
3 January	Year 2019	(1,378,631)	0.4195%	12	69,400	1,448,031	
4 February	Year 2019	(1,378,631)	0.4195%	11	63,617	1,442,248	
5 March	Year 2019	(1,378,631)	0.4195%	10	57,834	1,436,464	
6 April	Year 2019	(1,378,631)	0.4195%	9	52,050	1,430,681	
7 May	Year 2019	(1,378,631)	0.4195%	8	46,267	1,424,898	
8 June	Year 2019	(1,378,631)	0.4195%	7	40,483	1,419,114	
9 July	Year 2019	(1,378,631)	0.4195%	6	34,700	1,413,331	
10 August	Year 2019	(1,378,631)	0.4195%	5	28,917	1,407,547	
11 September	Year 2019	(1,378,631)	0.4195%	4	23,133	1,401,764	
12 October	Year 2019	(1,378,631)	0.4195%	3	17,350	1,395,981	
13 November	Year 2019	(1,378,631)	0.4195%	2	11,567	1,390,197	
14 December	Year 2019	(1,378,631)	0.4195%	1	5,783	1,384,414	
					451,102	16,994,670	
			<u>Annual</u>				
15 January through December	Year 2020	16,994,670	0.4195%	12	855,512	17,850,182	
<u>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</u>			<u>Monthly</u>				
16 January	Year 2021	(17,850,182)	0.4195%		74,882	(1,528,387)	16,396,676
17 February	Year 2021	(16,396,676)	0.4195%		68,784	(1,528,387)	14,937,073
18 March	Year 2021	(14,937,073)	0.4195%		62,661	(1,528,387)	13,471,347
19 April	Year 2021	(13,471,347)	0.4195%		56,512	(1,528,387)	11,999,472
20 May	Year 2021	(11,999,472)	0.4195%		50,338	(1,528,387)	10,521,422
21 June	Year 2021	(10,521,422)	0.4195%		44,137	(1,528,387)	9,037,172
22 July	Year 2021	(9,037,172)	0.4195%		37,911	(1,528,387)	7,546,696
23 August	Year 2021	(7,546,696)	0.4195%		31,658	(1,528,387)	6,049,967
24 September	Year 2021	(6,049,967)	0.4195%		25,380	(1,528,387)	4,546,960
25 October	Year 2021	(4,546,960)	0.4195%		19,074	(1,528,387)	3,037,647
26 November	Year 2021	(3,037,647)	0.4195%		12,743	(1,528,387)	1,522,002
27 December	Year 2021	(1,522,002)	0.4195%		6,385	(1,528,387)	0
					490,465		
28 True-Up with Interest						\$ (18,340,647)	
29 Less Over (Under) Recovery						\$ (16,543,568)	
30 Total Interest						\$ (1,797,079)	

[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 2019 Available June 1, 2020	TEC 2019 Revenue Requirement Collected by PJM Based on Forecast filed on Oct 31, 2018	True-up Adjustment - Over (Under) Recovery
\$17,010,217	\$14,922,371	(\$2,087,846)

	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]		0.420%				

An over or under collection will be recovered prorata over 2018, held for 2019 and returned prorata over 2020

<u>Calculation of Interest</u>				<u>Monthly</u>		
3 January	Year 2019	(173,987)	0.4195%	12	8,759	182,746
4 February	Year 2019	(173,987)	0.4195%	11	8,029	182,016
5 March	Year 2019	(173,987)	0.4195%	10	7,299	181,286
6 April	Year 2019	(173,987)	0.4195%	9	6,569	180,556
7 May	Year 2019	(173,987)	0.4195%	8	5,839	179,826
8 June	Year 2019	(173,987)	0.4195%	7	5,109	179,096
9 July	Year 2019	(173,987)	0.4195%	6	4,379	178,366
10 August	Year 2019	(173,987)	0.4195%	5	3,649	177,637
11 September	Year 2019	(173,987)	0.4195%	4	2,920	176,907
12 October	Year 2019	(173,987)	0.4195%	3	2,190	176,177
13 November	Year 2019	(173,987)	0.4195%	2	1,460	175,447
14 December	Year 2019	(173,987)	0.4195%	1	730	174,717
					56,930	2,144,776

<u>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</u>				<u>Annual</u>		
15 January through December	Year 2020	2,144,776	0.4195%	12	107,968	2,252,744

<u>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</u>				<u>Monthly</u>			
16 January	Year 2021	(2,252,744)	0.4195%		9,450	(192,887)	2,069,307
17 February	Year 2021	(2,069,307)	0.4195%		8,681	(192,887)	1,885,101
18 March	Year 2021	(1,885,101)	0.4195%		7,908	(192,887)	1,700,122
19 April	Year 2021	(1,700,122)	0.4195%		7,132	(192,887)	1,514,368
20 May	Year 2021	(1,514,368)	0.4195%		6,353	(192,887)	1,327,834
21 June	Year 2021	(1,327,834)	0.4195%		5,570	(192,887)	1,140,517
22 July	Year 2021	(1,140,517)	0.4195%		4,784	(192,887)	952,415
23 August	Year 2021	(952,415)	0.4195%		3,995	(192,887)	763,523
24 September	Year 2021	(763,523)	0.4195%		3,203	(192,887)	573,839
25 October	Year 2021	(573,839)	0.4195%		2,407	(192,887)	383,360
26 November	Year 2021	(383,360)	0.4195%		1,608	(192,887)	192,081
27 December	Year 2021	(192,081)	0.4195%		806	(192,887)	(0)
					61,898		

28 True-Up with Interest	\$ (2,314,642)
29 Less Over (Under) Recovery	\$ (2,087,846)
30 Total Interest	\$ (226,796)

[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 12-31-20	BALANCE AS OF 12-31-21	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]	814,129	814,129	814,129			

Unfunded Reserves

Line No.	Description	COLUMN B	COLUMN C	COLUMN D	COLUMN E	COLUMN F	COLUMN G
		BALANCE AS OF 12-31-20	BALANCE AS OF 12-31-21	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>2021</u>	<u>2021</u>	<u>Reference</u>
1 Tax adjustment for Permanent Differences & AFUDC Equity	[A]	\$386,605		\$386,605	\$386,605	MAIT Company Records
2 Amortized Excess Deferred Taxes (enter negative)	[B]	(1,100,219)		-\$1,100,219	-\$1,100,219	MAIT Company Records
3 Amortized Deficient Deferred Taxes	[B]	-		-	\$0	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 2020	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 2021	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 2020	p232 (and Notes)	49			2,388,988	
3	January	FERC Account 182.3	48	2,388,988	49,771	2,339,218	
4	February	FERC Account 182.3	47	2,339,218	49,771	2,289,447	
5	March	FERC Account 182.3	46	2,289,447	49,771	2,239,676	
6	April	FERC Account 182.3	45	2,239,676	49,771	2,189,906	
7	May	FERC Account 182.3	44	2,189,906	49,771	2,140,135	
8	June	FERC Account 182.3	43	2,140,135	49,771	2,090,365	
9	July	FERC Account 182.3	42	2,090,365	49,771	2,040,594	
10	August	FERC Account 182.3	41	2,040,594	49,771	1,990,823	
11	September	FERC Account 182.3	40	1,990,823	49,771	1,941,053	
12	October	FERC Account 182.3	39	1,941,053	49,771	1,891,282	
13	November	FERC Account 182.3	38	1,891,282	49,771	1,841,512	
14	December 2021	p232 (and Notes)	37	1,841,512	49,771	1,791,741	
15	Ending Balance 13-Month Average	(sum lines 2-14) /13			<u>\$597,247</u>	<u>2,090,365</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 2020	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 2021	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

	[1]	[2]	Abandoned Plant				[7]
			[3] Months Remaining In Amortization Period	[4] Beginning Balance	[5] Amortization Expense (p114.10.c)	[6] Additions (Deductions)	Ending Balance
1	Monthly Balance	Source					
2	December 2020	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 2021	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	2020	
2	January	2021	
3	February	2021	
4	March	2021	
5	April	2021	
6	May	2021	
7	June	2021	
8	July	2021	
9	August	2021	
10	September	2021	
11	October	2021	
12	November	2021	
13	December	2021	
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	9.99%	
Times Apportionment Percentage	100.00%	
Combined State Income Tax Rate	<u>9.990%</u>	<u>9.990%</u>

Operation and Maintenance Expenses

Line No. [a]	Account Reference	Description	Account Balance [b]
82		<i>Operation</i>	
83	560	Operation Supervision and Engineering	\$225,815
84			
85	561.1	Load Dispatch-Reliability	\$1,170,709
86	561.2	Load Dispatch-Monitor and Operate Transmission System	\$1,019,620
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	\$257,836
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	\$3,975,114
94	563	Overhead Lines Expense	\$15,676
95	564	Underground Lines Expense	
96	565	Transmission of Electricity by Others	
97	566	Miscellaneous Transmission Expense	\$9,466,866
98	567	Rents	\$6,508,248
99		TOTAL Operation (Enter Total of Lines 83 thru 98)	\$22,639,883
100		<i>Maintenance</i>	
101	568	Maintenance Supervision and Engineering	\$5,174,104
102	569	Maintenance of Structures	
103	569.1	Maintenance of Computer Hardware	\$11,129
104	569.2	Maintenance of Computer Software	\$44,808
105	569.3	Maintenance of Communication Equipment	
106	569.4	Maintenance of Miscellaneous Regional Transmission Plant	
107	570	Maintenance of Station Equipment	\$7,069,702
108	571	Maintenance of Overhead Lines	\$45,762,467
109	572	Maintenance of Underground Lines	
110	573	Maintenance of Miscellaneous Transmission Plant	\$209,657
111		TOTAL Maintenance (Total of lines 101 thru 110)	\$58,271,867
112		TOTAL Transmission Expenses (Total of lines 99 and 111) [c]	\$80,911,750

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		<i>Operation</i>	
181	920	Administrative and General Salaries	
182	921	Office Supplies and Expenses	\$103,500
183	Less 922	Administrative Expenses Transferred - Credit	
184	923	Outside Services Employed	\$5,545,451
185	924	Property Insurance	\$291,259
186	925	Injuries and Damages	\$1,135,514
187	926	Employee Pensions and Benefits	-\$8,873,905
188	927	Franchise Requirements	
189	928	Regulatory Commission Expense	
190	Less 929	(Less) Duplicate Charges-Cr.	
191	930.1	General Advertising Expenses	\$170,000
192	930.2	Miscellaneous General Expenses	\$32,000
193	931	Rents	\$12,926
194		Total Operation (Enter Total of lines 181 thru 193)	-\$1,583,255
195		<i>Maintenance</i>	
196	935	Maintenance of General Plant	\$888,563
197		TOTAL A&G Expenses (Total of lines 194 and 196) [f]	-\$694,692

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, 2021	
1	Account 451 -- Miscellaneous Service Revenues	FERC Form 1 , page 300 and footnote data	Note S, page 5
		<u>Amount</u>	
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	\$ 1,722,973	
3b	Facility Maintenance Charges	\$ 266,000	
3z	Account 456 Total	\$1,988,973	