

Formula Rate - Non-Levelized

Rate Formula Template  
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2020

Line No.	(1)	(2)	(3)	(4)	(5) Allocated Amount
1	GROSS REVENUE REQUIREMENT [page 3, line 43, col 5]				\$ 255,417,185
	REVENUE CREDITS	(Note T)	Total	Allocator	
2	Account No. 451	(page 4, line 29)	1,357,387	TP 1.00000	1,357,387
3	Account No. 454	(page 4, line 30)	3,761,087	TP 1.00000	3,761,087
4	Account No. 456	(page 4, line 31)	3,222,157	TP 1.00000	3,222,157
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	27,540,387	TP 1.00000	27,540,387
8	TOTAL REVENUE CREDITS (sum lines 2-7)		35,881,018		35,881,018
9	True-up Adjustment with Interest	Attachment 13, Line 28			-
10	NET REVENUE REQUIREMENT (Line 1 - Line 8 + Line 9)				\$ 219,536,167
	DIVISOR				Total
11	1 Coincident Peak (CP) (MW)			(Note A)	6,001.3
12	Average 12 CPs (MW)			(Note CC)	5,230.5
13	Annual Rate (\$/MW/Yr)	(line 10 / line 11)	Total 36,581.67		
			Peak Rate		Off-Peak Rate
14	Point-to-Point Rate (\$/MW/Year)	(line 10 / line 12)	Total 41,972.08		Total 41,972.08
15	Point-to-Point Rate (\$/MW/Month)	(line 14/12)	3,497.67		3,497.67
16	Point-to-Point Rate (\$/MW/Week)	(line 14/52)	807.16		807.16
17	Point-to-Point Rate (\$/MW/Day)	(line 16/5; line 16/7)	161.43		115.31
18	Point-to-Point Rate (\$/MWh)	(line 14/4,160; line 14/8,760)	10.09		4.79

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Line No.	(1)	(2)	(3)	(4)	(5)
		Source	Company Total	Allocator	Transmission (Col 3 times Col 4)
<b>Mid-Atlantic Interstate Transmission, LLC</b>					
<b>GROSS PLANT IN SERVICE</b>					
1	Production	Attachment 3, Line 14, Col. 1 (Notes U & X)	-	NA	-
2	Transmission	Attachment 3, Line 14, Col. 2 (Notes U & X)	1,884,877,618	TP 1.00000	1,884,877,618
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)	101,016,182	W/S 1.00000	101,016,182
5	Common	Attachment 3, Line 14, Col. 6 (Notes U & X)	-	CE 1.00000	-
6	TOTAL GROSS PLANT (sum lines 1-5)		<u>1,985,893,800</u>	GP= 100.000%	<u>1,985,893,800</u>
<b>ACCUMULATED DEPRECIATION</b>					
7	Production	Attachment 4, Line 14, Col. 1 (Notes U & X)	-	NA	-
8	Transmission	Attachment 4, Line 14, Col. 2 (Notes U & X)	330,777,078	TP 1.00000	330,777,078
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)	14,661,770	W/S 1.00000	14,661,770
11	Common	Attachment 4, Line 14, Col. 6 (Notes U & X)	-	CE 1.00000	-
12	TOTAL ACCUM. DEPRECIATION (sum lines 7-11)		<u>345,438,848</u>		<u>345,438,848</u>
<b>NET PLANT IN SERVICE</b>					
13	Production	(line 1 - line 7)	-		-
14	Transmission	(line 2 - line 8)	1,554,100,540		1,554,100,540
15	Distribution	(line 3 - line 9)	-		-
16	General & Intangible	(line 4 - line 10)	86,354,412		86,354,412
17	Common	(line 5 - line 11)	-		-
18	TOTAL NET PLANT (sum lines 13-17)		<u>1,640,454,952</u>	NP= 100.000%	<u>1,640,454,952</u>
<b>ADJUSTMENTS TO RATE BASE</b>					
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)	(326,624,906)	NP 1.00000	(326,624,906)
21	Account No. 283 (enter negative)	Attachment 5, Line 3, Col. 3 (Notes F & Y & DD)	(36,904,213)	NP 1.00000	(36,904,213)
22	Account No. 190	Attachment 5, Line 3, Col. 4 (Notes F & Y & DD)	43,796,050	NP 1.00000	43,796,050
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)	2,819,191	DA 1.00000	2,819,191
28	Unamortized Abandoned Plant	Attachment 17, Line 15, Col. 7 (Notes X & BB)	-	DA 1.00000	-
29	TOTAL ADJUSTMENTS (sum lines 19-28)		<u>(316,913,877)</u>		<u>(316,913,877)</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)	8,972,623		8,781,508
33	Materials & Supplies (Note G)	227.8.c & 16.c (Attachment 14, Line 2, Col. D) (Note Y)	-	TE 0.97508	-
34	Prepayments (Account 165)	111.57.c (Attachment 14, Line 3, Col. D) (Notes B & Y)	441,047	GP 1.00000	441,047
35	TOTAL WORKING CAPITAL (sum lines 32 - 34)		<u>9,413,670</u>		<u>9,222,554</u>
36	RATE BASE (sum lines 18, 29, 30, & 35)		<u>1,332,954,745</u>		<u>1,332,763,629</u>

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Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2020

Line No.	(1)	(2)	(3)	(4)	(5)
		Source	Company Total	Allocator	Transmission (Col 3 times Col 4)
<b>O&amp;M</b>					
1	Transmission	321.112.b (Attachment 20, page 1, line 112)	61,349,324	TE	0.97508
2	Less LSE Expenses Included in Transmission O&M Accounts (Note W)		36,978	DA	1.00000
3	Less Account 565	321.96.b	-	DA	1.00000
4	Less Account 566	321.97.b	8,348,398	DA	1.00000
5	A&G	323.197.b (Attachment 20, page 2, line 197)	11,892,411	W/S	1.00000
6	Less FERC Annual Fees		-	W/S	1.00000
7	Less EPRI & Reg. Comm. Exp. & Non-safety Ad. (Note I)		(15,000)	W/S	1.00000
8	Plus Transmission Related Reg. Comm. Exp. (Note I)		-	TE	0.97508
9	PBOP Expense Adjustment in Year	Attachment 6, Line 9	(500,935)	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	860,405	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	8,348,398	DA	1.00000
14	Total Account 566 (sum lines 12 & 13, ties to 321.97.b)		8,348,398		
15	TOTAL O&M (sum lines 1, 5, 8, 9, 10, 11, 14 less 2, 3, 4, 6, 7)		73,579,228		72,050,301
<b>DEPRECIATION AND AMORTIZATION EXPENSE</b>					
16	Transmission	336.7.b (Note U)	40,606,150	TP	1.00000
17	General & Intangible	336.1.f & 336.10.f (Note U)	5,878,149	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)		46,484,299		46,484,299
<b>TAXES OTHER THAN INCOME TAXES (Note J)</b>					
<b>LABOR RELATED</b>					
21	Payroll	263.i (Attachment 7, line 1z)	568,147	W/S	1.00000
22	Highway and vehicle	263.i (Attachment 7, line 2z)	-	W/S	1.00000
23	<b>PLANT RELATED</b>				
24	Property	263.i (Attachment 7, line 3z)	127,828	GP	1.00000
25	Gross Receipts	263.i (Attachment 7, line 4z)	-	NA	-
26	Other	263.i (Attachment 7, line 5z)	29	GP	1.00000
27	Payments in lieu of taxes	Attachment 7, line 6z	-	GP	1.00000
28	TOTAL OTHER TAXES (sum lines 21 - 27)		696,004		696,004
<b>INCOME TAXES (Note K)</b>					
29	T=1 - [(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p) =		28.89%		
30	CIT=(T1-T) * (1-(WCLTD/R)) =		32.17%		
	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]		279,634		
34	(Excess)/Deficient Deferred Income Taxes (Attachment 15, Lines 2 & 3, Col. 3) [Notes E & Y]		(1,091,224)		
35	Income Tax Calculation = line 30 * line 40		33,468,043	NA	33,463,245
36	ITC adjustment (line 31 * line 32)		(140,188)	NP	1.00000
37	Permanent Differences and AFUDC Equity Tax Adjustment (line 31 * line 33)		393,253	DA	1.00000
38	(Excess)/Deficient Deferred Income Tax Adjustment (line 31 * line 34)		(1,534,603)	DA	1.00000
39	Total Income Taxes	sum lines 35 through 38	32,186,505		32,181,707
40	RETURN	[Rate Base (page 2, line 36) * Rate of Return (page 4, line 25)]	104,019,788.12	NA	104,004,874
<b>GROSS REV. REQUIREMENT (WITHOUT INCENTIVE)</b>					
41	INCENTIVE)	(sum lines 15, 20, 28, 39, 40)	256,965,825		255,417,185
42	ADDITIONAL INCENTIVE REVENUE	Attachment 11, page 2, line 4, col 11 (Note AA)	0		0
43	GROSS REV. REQUIREMENT	(line 41 + line 42)	256,965,825		255,417,185

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For the 12 months ended 12/31/2020

Mid-Atlantic Interstate Transmission, LLC

Line No.	(1)	(2)	(3)	(4)	(5)	(6)
<b>SUPPORTING CALCULATIONS AND NOTES</b>						
<b>TRANSMISSION PLANT INCLUDED IN ISO RATES</b>						
1	Total transmission plant (page 2, line 2, column 3)					1,884,877,618
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)					1,884,877,618
5	Percentage of transmission plant included in ISO Rates (line 4 divided by line 1)				TP=	1.00000
<b>TRANSMISSION EXPENSES</b>						
6	Total transmission expenses (page 3, line 1, column 3)					61,349,324
7	Less transmission expenses included in OATT Ancillary Services (Note L)					1,528,927
8	Included transmission expenses (line 6 less line 7)					59,820,397
9	Percentage of transmission expenses after adjustment (line 8 divided by line 6)					0.97508
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=	0.97508
<b>WAGES &amp; SALARY ALLOCATOR (W&amp;S)</b>						
	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
<b>COMMON PLANT ALLOCATOR (CE) (Note O)</b>						
		\$		% Electric	W&S Allocator	
17	Electric 200.3.c	1,875,810,315.00		(line 17 / line 20)	(line 16)	CE
18	Gas 201.3.d	-		1.00000 *	1.00000	= 1.00000
19	Water 201.3.e	-				
20	Total (sum lines 17-19)	1,875,810,315.00				
<b>RETURN (R)</b>						
21	Preferred Dividends (118.29c) (positive number)					-
<b>WGTED COST OF CAPITAL</b>						
		\$	(Note C) %	Cost (Note P)	Weighted	
22	Long Term Debt (112.24.c) (Attachment 8, Line 14, Col. 7) (Note X)	642,219,253	40%	0.0406	0.0162	=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)	963,135,865	60%	0.1030	0.0618	
25	Total (sum lines 22-24)	1,605,355,117			0.0780	=R
<b>REVENUE CREDITS</b>						
<b>ACCOUNT 447 (SALES FOR RESALE)</b>						
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)			1,357,387
30	ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY) (Note R)		(300.19.b) (Attachment 21, line 2z)			3,761,087
31	ACCOUNT 456 (OTHER ELECTRIC REVENUE) (Note V)		(330.x.n) (Attachment 21, line 3z)			3,222,157

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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).
- |             |   |
|-------------|---|
| Input FIT = | 21.00%  |
| SIT =       | 9.99% (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	\$	1,528,927	Attachment H-28A, Page 4, Line 7
2		120,356	Revenue Credits for Sched 1A - Note A
3	\$	1,408,571	Net Schedule 1A Expenses (Line 1 - Line 2)
4		32,307,111	Annual MWh in Met-Ed and Penelec Zones - Note B
5	\$	0.0436	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	1,332,763,629	
2	Preferred Dividends	enter positive	0	
Common Stock				
3	Proprietary Capital	Attachment 8, Line 14, Col. 1	1,186,727,835	
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	963,135,865	
Capitalization				
8	Long Term Debt	Attachment H-28A, page 4, Line 22, Col. 3	642,219,253	
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	963,135,865	
11	Total Capitalization	Attachment H-28A, page 4, Line 25, Col. 3	1,605,355,117	
12	Debt %	Total Long Term Debt	Attachment H-28A, page 4, Line 22, Col. 4	40.0048%
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	59.9952%
15	Debt Cost	Total Long Term Debt	Attachment H-28A, page 4, Line 22, Col. 5	0.0406
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)	0.0162
19	Weighted Cost of Preferred	Preferred Stock	(Line 13 * Line 16)	0.0000
20	Weighted Cost of Common	Common Stock	(Line 14 * Line 17)	0.0618
21	Rate of Return on Rate Base ( ROR )		(Sum Lines 18 to 20)	0.0780
22	Investment Return = Rate Base * Rate of Return		(Line 1 * Line 21)	104,004,874

Income Taxes			
<b>Income Tax Rates</b>			
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	32.17%
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 (Excess)/Deficient Deferred Income Taxes	Attachment H-28A, page 3, Line 33, Col. 3	279,633.86
28	Income Tax Calculation	Attachment H-28A, page 3, Line 34, Col. 3	(1,091,223.69)
29	ITC adjustment	(line 22 * line 24)	33,463,244.90
30	Permanent Differences and AFUDC Equity Tax Adjustment (Excess)/Deficient Deferred Income Tax Adjustment	(line 25 * line 26)	(140,188.36)
31	Total Income Taxes	Attachment H-28A, page 3, Line 37, Col. 3	393,252.87
32		Attachment H-28A, page 3, Line 38, Col. 3	(1,534,602.61)
33		Sum lines 29 to 32	32,181,706.80

Increased Return and Taxes			
34	Return and Income taxes with increase in ROE	(Line 22 + Line 33)	136,186,580.81
35	Return without incentive adder	Attachment H-28A, Page 3, Line 40, Col. 5	104,004,874.01
36	Income Tax without incentive adder	Attachment H-28A, Page 3, Line 39, Col. 5	32,181,706.80
37	Return and Income taxes <u>without</u> increase in ROE	Line 35 + Line 36	136,186,580.81
38	Return and Income taxes with increase in ROE	Line 34	136,186,580.81
39	Incremental Return and incomes taxes for increase in ROE	Line 38 - Line 37	-
40	Rate Base	Line 1	1,332,763,628.91
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	2019	-	1,748,514,164	-	34,200,858	60,203,720	-	1,842,918,742
2	January	2020	-	1,754,597,381	-	29,537,778	63,566,435	-	1,847,701,594
3	February	2020	-	1,770,097,821	-	29,933,007	65,591,522	-	1,865,622,351
4	March	2020	-	1,766,827,109	-	30,051,092	67,798,907	-	1,864,677,108
5	April	2020	-	1,796,954,189	-	30,123,923	68,015,071	-	1,895,093,183
6	May	2020	-	1,884,643,275	-	30,263,973	68,802,609	-	1,983,709,857
7	June	2020	-	1,903,487,669	-	29,894,820	70,392,639	-	2,003,775,129
8	July	2020	-	1,911,989,062	-	29,708,734	72,002,395	-	2,013,700,191
9	August	2020	-	1,925,646,002	-	29,558,487	73,296,730	-	2,028,501,218
10	September	2020	-	1,976,430,592	-	29,563,243	75,876,025	-	2,081,869,859
11	October	2020	-	1,988,336,793	-	30,189,109	76,271,918	-	2,094,797,819
12	November	2020	-	2,014,071,951	-	29,936,032	77,309,487	-	2,121,317,469
13	December	2020	-	2,061,813,031	-	36,363,632	74,758,220	-	2,172,934,883
14	13-month Average	[A] [C]	-	1,884,877,618.36	-	30,717,283.65	70,298,898.29	-	1,985,893,800.29

			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	2019	-	1,748,525,819	-	34,200,858	60,203,720	-	1,842,930,397
16	January	2020	-	1,754,609,035	-	29,537,778	63,566,435	-	1,847,713,249
17	February	2020	-	1,770,109,476	-	29,933,007	65,591,522	-	1,865,634,005
18	March	2020	-	1,766,838,764	-	30,051,092	67,798,907	-	1,864,688,763
19	April	2020	-	1,796,965,844	-	30,123,923	68,015,071	-	1,895,104,838
20	May	2020	-	1,884,654,930	-	30,263,973	68,802,609	-	1,983,721,511
21	June	2020	-	1,903,499,324	-	29,894,820	70,392,639	-	2,003,786,783
22	July	2020	-	1,912,000,716	-	29,708,734	72,002,395	-	2,013,711,845
23	August	2020	-	1,925,657,656	-	29,558,487	73,296,730	-	2,028,512,872
24	September	2020	-	1,976,442,246	-	29,563,243	75,876,025	-	2,081,881,514
25	October	2020	-	1,988,348,447	-	30,189,109	76,271,918	-	2,094,809,474
26	November	2020	-	2,014,083,605	-	29,936,032	77,309,487	-	2,121,329,124
27	December	2020	-	2,061,824,685	-	36,363,632	74,758,220	-	2,172,946,538
28	13-month Average		-	1,884,889,272.82	-	30,717,283.65	70,298,898.29	-	1,985,905,454.75

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	2019	-	11,654	-	-	-	-
30	January	2020	-	11,654	-	-	-	-
31	February	2020	-	11,654	-	-	-	-
32	March	2020	-	11,654	-	-	-	-
33	April	2020	-	11,654	-	-	-	-
34	May	2020	-	11,654	-	-	-	-
35	June	2020	-	11,654	-	-	-	-
36	July	2020	-	11,654	-	-	-	-
37	August	2020	-	11,654	-	-	-	-
38	September	2020	-	11,654	-	-	-	-
39	October	2020	-	11,654	-	-	-	-
40	November	2020	-	11,654	-	-	-	-
41	December	2020	-	11,654	-	-	-	-
42	13-month Average		-	11,654.46	-	-	-	-

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	2019	-	331,293,214	-	2,531,275	9,281,915	-	343,106,404
2	January	2020	-	331,075,055	-	2,833,028	9,391,760	-	343,299,844
3	February	2020	-	330,444,466	-	3,187,127	9,515,243	-	343,146,836
4	March	2020	-	326,112,295	-	3,544,282	9,642,589	-	339,299,166
5	April	2020	-	328,168,314	-	3,902,574	9,770,920	-	341,841,809
6	May	2020	-	329,861,147	-	4,262,134	9,899,311	-	344,022,592
7	June	2020	-	331,528,876	-	4,620,330	10,030,105	-	346,179,310
8	July	2020	-	330,295,041	-	4,975,219	10,132,411	-	345,402,671
9	August	2020	-	332,400,692	-	5,328,106	10,269,599	-	347,998,396
10	September	2020	-	332,914,282	-	5,680,127	10,415,892	-	349,010,301
11	October	2020	-	331,395,649	-	6,035,902	10,570,597	-	348,002,148
12	November	2020	-	332,177,939	-	6,393,897	10,729,711	-	349,301,547
13	December	2020	-	332,435,048	-	6,758,945	10,900,009	-	350,094,001
14	13-month Average	[A] [C]	-	330,777,078.20	-	4,619,457.41	10,042,312.45	-	345,438,848.06
			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	2019	-	331,301,427	-	2,531,275	9,281,915	-	343,114,617
16	January	2020	-	331,083,288	-	2,833,028	9,391,760	-	343,308,077
17	February	2020	-	330,452,718	-	3,187,127	9,515,243	-	343,155,088
18	March	2020	-	326,120,566	-	3,544,282	9,642,589	-	339,307,437
19	April	2020	-	328,176,604	-	3,902,574	9,770,920	-	341,850,099
20	May	2020	-	329,869,456	-	4,262,134	9,899,311	-	344,030,901
21	June	2020	-	331,537,203	-	4,620,330	10,030,105	-	346,187,638
22	July	2020	-	330,303,388	-	4,975,219	10,132,411	-	345,411,018
23	August	2020	-	332,409,058	-	5,328,106	10,269,599	-	348,006,762
24	September	2020	-	332,922,667	-	5,680,127	10,415,892	-	349,018,686
25	October	2020	-	331,404,052	-	6,035,902	10,570,597	-	348,010,552
26	November	2020	-	332,186,361	-	6,393,897	10,729,711	-	349,309,970
27	December	2020	-	332,443,490	-	6,758,945	10,900,009	-	350,102,443
28	13-month Average		-	330,785,406.05	-	4,619,457.41	10,042,312.45	-	345,447,175.91

**Reserve for Depreciation of Asset Retirement Costs**

			Production	Transmission	Distribution	Intangible	General	Common
		[B]	Company Records					
29	December	2019	-	8,214	-	-	-	-
30	January	2020	-	8,233	-	-	-	-
31	February	2020	-	8,252	-	-	-	-
32	March	2020	-	8,271	-	-	-	-
33	April	2020	-	8,290	-	-	-	-
34	May	2020	-	8,309	-	-	-	-
35	June	2020	-	8,328	-	-	-	-
36	July	2020	-	8,347	-	-	-	-
37	August	2020	-	8,366	-	-	-	-
38	September	2020	-	8,385	-	-	-	-
39	October	2020	-	8,404	-	-	-	-
40	November	2020	-	8,423	-	-	-	-
41	December	2020	-	8,442	-	-	-	-
42	13-month Average		-	8,327.84	-	-	-	-

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 2019	-	(318,139,343)	(35,960,444)	40,355,703	-	(313,744,084)
2 December 31 2020	-	(335,110,469)	(37,847,981)	47,236,398	-	(325,722,052)
3 Begin/End Average	[A]	(326,624,906)	(36,904,213)	43,796,050	-	(319,733,068)

	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 2019		251,657,998	56,947,582	88,970,292	2,229,785	399,805,657
5 December 31 2020		289,237,785	61,516,062	95,063,685	2,130,100	447,947,632
6 Begin/End Average	-	270,447,892	59,231,822	92,016,989	2,179,943	423,876,645

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	Sale of Property Book Gain Loss	Other: [H]	Normalization [G]
2019		995	(7,776,446)	(58,670,652)	(35,241)	-	-
2020		929	(7,422,883)	(53,722,828)	(26,805)	-	15,298,902

[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]
2019		-	18,267,045	2,720,093	-	-	-
2020		-	20,960,713	2,863,070	-	-	(155,702)

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

	FAS 143 - ARO	FAS 106	FAS 109	CIAC	Charitable Contribution	Other: [H]	Normalization [G]
2019		5,329	-	37,457,577	11,149,774	1,909	-
2020		7,393	-	38,437,736	10,716,857	2,519	(1,337,218)

[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 Detail

For the 12 months ended 12/31/2020

ADIT Detail	<u>COLUMN A</u>	<u>COLUMN B</u>	<u>COLUMN C</u>	<u>COLUMN D</u>
		BALANCE AS	BALANCE AS	AVERAGE
		<u>OF 12-31-19</u>	<u>OF 12-31-20</u>	<u>BALANCE</u>
ACCOUNT 255:				
	Accumulated Deferred Investment Tax Credits	2,229,785	2,130,100	2,179,943
1	TOTAL ACCOUNT 255	<u>2,229,785</u>	<u>2,130,100</u>	
ACCOUNT 282:				
	263A MSC-Fed-Norm	855,335	763,336	809,336
	263A MSC-PA-Norm	321,447	286,873	304,160
	263A-Fed-Norm	10,473,902	10,009,535	10,241,719
	263A-PA-Norm	4,038,982	3,847,379	3,943,180
	Accelerated Tax Depr-Fed-FT	6,577,208	6,639,314	6,608,261
	Accelerated Tax Depr-Fed-Norm	144,866,478	157,734,838	151,300,658
	Accelerated Tax Depr-PA-FT	3,382,742	3,312,354	3,347,548
	Accelerated Tax Depr-PA-Norm	29,808,947	36,383,954	33,096,450
	AFUDC Debt-Fed-Norm	2,045,526	2,560,479	2,303,003
	AFUDC Debt-Fed-Norm-Incurred-CWIP	1,218,078	2,016,597	1,617,337
	AFUDC Debt-Fed-Norm-Reversal-CWIP	(469,074)	(1,085,129)	(777,101)
	AFUDC Debt-PA-Norm	768,738	962,265	865,501
	AFUDC Debt-PA-Norm-Incurred-CWIP	457,771	757,866	607,818
	AFUDC Debt-PA-Norm-Reversal-CWIP	(176,285)	(407,807)	(292,046)
	AFUDC Equity/FAS 43-Fed-FT	5,694,045	7,486,102	6,590,073
	AFUDC Equity/FAS 43-Fed-FT-Incurred-CWIP	8,095,956	11,030,201	9,563,078
	AFUDC Equity/FAS 43-Fed-FT-Reversal-CWIP	(5,218,590)	(7,303,879)	(6,261,235)
	AFUDC Equity/FAS 43-PA-FT	2,139,903	2,813,384	2,476,644
	AFUDC Equity/FAS 43-PA-FT-Incurred-CWIP	3,042,576	4,145,307	3,593,941
	AFUDC Equity/FAS 43-PA-FT-Reversal-CWIP	(1,961,221)	(2,744,902)	(2,353,062)
	ARO-Fed-Norm	723	676	699
	ARO-PA-Norm	272	254	263
	Cap Vertical Tree Trimming-Fed-Norm	4,220,462	4,882,733	4,551,598
	Cap Vertical Tree Trimming-PA-Norm	2,314,649	2,493,694	2,404,171
	Casualty Loss-Fed-Norm	(42,823)	(336,405)	(189,614)
	Casualty Loss-PA-Norm	1,114,331	967,321	1,040,826
	FAS 123R - Performance Shares-Fed-Norm	2,684	2,561	2,623
	FAS 123R - Performance Shares-PA-Norm	1,009	962	986
	FAS 123R - Restricted Stock-Fed-Norm	(2,983)	(2,868)	(2,925)
	FAS 123R - Restricted Stock-PA-Norm	(1,121)	(1,078)	(1,099)
	FAS 123R - RSU Capital-Fed-Norm	49,061	46,853	47,957
	FAS 123R - RSU Capital-PA-Norm	18,438	17,608	18,023
	G Overheads-Fed-Norm	3,474,979	3,359,325	3,417,152
	G Overheads-PA-Norm	1,305,947	1,262,482	1,284,215
	Life Insurance-Fed-Norm	(28,099)	(25,619)	(26,859)
	Life Insurance-PA-Norm	(12,794)	(12,119)	(12,456)
	OPEBs-Fed-Norm	(3,936,438)	(3,757,465)	(3,846,952)
	OPEBs-PA-Norm	(1,479,370)	(1,412,109)	(1,445,739)
	Other Basis Differences-Fed-Norm	(4,838,889)	(4,771,620)	(4,805,255)
	Other Basis Differences-PA-Norm	(1,805,993)	(1,779,335)	(1,792,664)
	Pensions-Fed-Norm	(817,481)	(782,290)	(799,886)
	Pensions-PA-Norm	(307,221)	(293,996)	(300,608)
	PT Rebal-Add'l Property RTA-All-Norm	(782,982)	(871,127)	(827,055)
	Sale of Property - Book Gain or (Loss)	(27,365)	(26,805)	(27,085)
	Tax Depreciation Adjustment - PA	10,285	10,285	10,285
	Tax UoP Repair Exp-Fed-Norm	25,026,337	35,471,028	30,248,682
	Tax UoP Repair Exp-Fed-Norm-Incurred-CWIP	23,121,176	34,382,765	28,751,971
	Tax UoP Repair Exp-Fed-Norm-Reversal-CWIP	(20,378,648)	(32,082,761)	(26,230,704)
	Tax UoP Repair Exp-PA-FT	(887,641)	(890,592)	(889,116)
	Tax UoP Repair Exp-PA-Norm	9,354,349	13,312,986	11,333,667
	Tax UoP Repair Exp-PA-Norm-Incurred-CWIP	8,689,268	12,921,534	10,805,401
	Tax UoP Repair Exp-PA-Norm-Reversal-CWIP	(7,658,587)	(12,057,160)	(9,857,873)
2	TOTAL ACCOUNT 282	<u>251,657,998</u>	<u>289,237,785</u>	

ADIT Detail

For the 12 months ended 12/31/2020

<u>COLUMN A</u>	<u>COLUMN B</u>	<u>COLUMN C</u>	<u>COLUMN D</u>
	BALANCE AS <u>OF 12-31-19</u>	BALANCE AS <u>OF 12-31-20</u>	AVERAGE <u>BALANCE</u>
ACCOUNT 283:			
263A MSC-PA-Norm	23,146	20,656	21,901
263A-PA-Norm	297,470	283,376	290,423
Accelerated Tax Depr-Fed-FT	2,672,410	2,697,643	2,685,027
Accelerated Tax Depr-PA-FT	1,374,454	1,345,854	1,360,154
Accelerated Tax Depr-PA-Norm	1,436,047	1,439,120	1,437,584
AFUDC debt-Fed-Norm-reversal-CWIP	18,474	18,474	18,474
AFUDC debt-PA-Norm	44,682	42,639	43,661
AFUDC debt-PA-Norm-incurred-CWIP	8,849	8,849	8,849
AFUDC Equity/FAS 43-Fed-FT	2,313,567	3,041,704	2,677,636
AFUDC Equity/FAS 43-Fed-FT-incurred-CWIP	3,289,496	4,481,719	3,885,608
AFUDC Equity/FAS 43-PA-FT	869,472	1,143,116	1,006,294
AFUDC Equity/FAS 43-PA-FT-incurred-CWIP	1,236,240	1,684,294	1,460,267
Cap Vertical Tree Trimming-PA-Norm	152,291	145,623	148,957
Casualty Loss-Fed-Norm	12,832	101,272	57,052
Casualty Loss PA-Norm	80,341	68,848	74,595
CIAC-Fed-Norm-reversal-CWIP	1,245,993	1,349,915	1,297,954
CIAC-PA-Norm-reversal-CWIP	601,506	640,561	621,034
Deferred Charge-EIB	27,813	56,339	42,076
FAS109 Gross-up on Non-property Items	142,723	150,064	146,394
FAS123R - Performance Shares-PA-Norm	74	71	73
FAS123R - Restricted Stock-Fed-Norm	808	777	793
FAS123R - RSU Capital-PA-Norm	1,336	1,276	1,306
G Overheads-PA-Norm	94,061	90,929	92,495
Lease ROU Asset & Liability	2,322,414	2,305,489	2,313,952
Life Insurance-Fed-Norm	7,611	6,940	7,276
OPEBs-Fed-Norm	1,066,285	1,017,806	1,042,046
Other Basis Differences-Fed-Norm	1,005,725	1,036,791	1,021,258
Pensions-Fed-Norm	221,436	211,903	216,670
PJM Receivable	30,015,745	30,136,957	30,076,351
State Income Tax Deductible	665,993	665,993	665,993
Storm Damage	76,032	0	38,016
Tax Interest Capitalized-Fed-Norm-Reversal-CWIP	1,248,184	2,379,266	1,813,725
Tax Interest Capitalized-PA-Norm-Reversal-CWIP	480,755	905,832	693,294
Tax UoP Repair Exp-Fed-Norm-Reversal-CWIP	2,359,624	2,359,623	2,359,624
Tax UoP Repair Exp-PA-Norm	357,849	342,308	350,079
Tax UoP Repair Exp-PA-Norm-Incurred-CWIP	318,117	318,117	318,117
Vegetation Management - FERC Adjustment	857,727	685,170	771,449
Year-End Additional Temporary Adjustments L/T	0	330,748	165,374
3 TOTAL ACCOUNT 283	<u>56,947,582</u>	<u>61,516,062</u>	

ADIT Detail

For the 12 months ended 12/31/2020

<u>COLUMN A</u>	<u>COLUMN B</u>	<u>COLUMN C</u>	<u>COLUMN D</u>
	BALANCE AS <u>OF 12-31-19</u>	BALANCE AS <u>OF 12-31-20</u>	AVERAGE BALANCE
ACCOUNT 190:			
263A MSC-PA-Norm	231,690	206,769	219,230
263A-PA-Norm	2,837,125	2,711,339	2,774,232
Accelerated Tax Depr-Fed-Norm	26,446,814	26,370,422	26,408,618
AFUDC Debt-Fed-Norm	445,876	425,486	435,681
AFUDC debt-Fed-Norm-incurred-CWIP	88,579	88,579	88,579
AFUDC debt-PA-Norm-reversal-CWIP	1,846	1,846	1,846
AFUDC Equity/FAS 43-Fed-FT-reversal-CWIP	2,120,384	2,967,665	2,544,025
AFUDC Equity/FAS 43-PA-FT-reversal-CWIP	796,871	1,115,291	956,081
Asset Retirement Obligation Liability	5,329	7,393	6,361
Cap Vertical Tree Trimming-Fed-Norm	1,516,090	1,449,722	1,482,906
Charitable Contribution Carryforward	1,909	2,519	2,214
CIAC-Fed-Norm	2,851,415	2,640,234	2,745,825
CIAC-Fed-Norm-Incurred-CWIP	1,637,133	1,741,054	1,689,094
CIAC-PA-Norm	1,822,745	1,734,313	1,778,529
CIAC-PA-Norm-Incurred-CWIP	817,628	856,684	837,156
Federal NOL	309,218	311,492	310,355
FAS123R - Performance Shares-Fed-Norm	727	695	711
FAS123R - Restricted Stock-PA-Norm	81	78	80
FAS123R - RSU Capital-Fed-Norm	13,289	12,691	12,990
G Overheads-Fed-Norm	941,287	909,959	925,623
ITC FAS 109	905,992	865,488	885,740
Life Insurance-PA-Norm	922	873	898
NOL Deferred Tax Asset - LT PA	3,358,103	5,442,263	4,400,183
OPEBs-PA-Norm	107,126	102,256	104,691
Other Basis Differences-PA-Norm	130,057	128,136	129,097
Pensions-PA-Norm	22,121	21,169	21,645
Pension EDCP-SERP Payments	0	3,173	1,587
PJM Payable	26,856,534	26,856,534	26,856,534
Tax Interest Capitalized-Fed-Norm	1,867,130	2,713,236	2,290,183
Tax Interest Capitalized-Fed-Norm-Incurred-CWIP	3,161,351	4,910,812	4,036,082
Tax Interest Capitalized-PA-Norm	914,307	1,226,056	1,070,182
Tax Interest Capitalized-PA-Norm-Incurred-CWIP	1,356,923	2,014,395	1,685,659
Tax UoP Repair Exp-Fed-Norm	3,622,951	3,443,124	3,533,038
Tax UoP Repair Exp-Fed-Norm-Incurred-CWIP	3,184,353	3,184,353	3,184,353
Tax UoP Repair Exp-PA-Norm	360,660	361,860	361,260
Tax UoP Repair Exp-PA-Norm-Incurred-CWIP	235,726	235,726	235,726
4 TOTAL ACCOUNT 190	88,970,292	95,063,685	92,016,989

ADIT Normalization Calculation

[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
	<b>2020 Quarterly Activity and Balances</b>							
<b>Beginning 190 (including adjustments)</b>	<b>Q1 Activity</b>	<b>Ending Q1</b>	<b>Q2 Activity</b>	<b>Ending Q2</b>	<b>Q3 Activity</b>	<b>Ending Q3</b>	<b>Q4 Activity</b>	<b>Ending Q4</b>
40,355,703	(522,002)	39,833,701	(526,842)	39,306,859	(527,764)	38,779,095	(558,360)	38,220,735
<b>Beginning 190 (including adjustments)</b>	<b>Pro-rated Q1</b>		<b>Pro-rated Q2</b>		<b>Pro-rated Q3</b>		<b>Pro-rated Q4</b>	
40,355,703	(394,719)		(267,029)		(134,471)		(1,530)	
<b>Beginning 282 (including adjustments)</b>	<b>Q1 Activity</b>	<b>Ending Q1</b>	<b>Q2 Activity</b>	<b>Ending Q2</b>	<b>Q3 Activity</b>	<b>Ending Q3</b>	<b>Q4 Activity</b>	<b>Ending Q4</b>
318,139,343	5,972,145	324,111,488	6,027,513	330,139,001	6,038,068	336,177,069	6,388,108	342,565,177
<b>Beginning 282 (including adjustments)</b>	<b>Pro-rated Q1</b>		<b>Pro-rated Q2</b>		<b>Pro-rated Q3</b>		<b>Pro-rated Q4</b>	
318,139,343	4,515,923		3,055,041		1,538,467		17,502	
<b>Beginning 283 (including adjustments)</b>	<b>Q1 Activity</b>	<b>Ending Q1</b>	<b>Q2 Activity</b>	<b>Ending Q2</b>	<b>Q3 Activity</b>	<b>Ending Q3</b>	<b>Q4 Activity</b>	<b>Ending Q4</b>
35,960,444	(60,780)	35,899,664	(61,344)	35,838,320	(61,451)	35,776,869	(65,014)	35,711,855
<b>Beginning 283 (including adjustments)</b>	<b>Pro-rated Q1</b>		<b>Pro-rated Q2</b>		<b>Pro-rated Q3</b>		<b>Pro-rated Q4</b>	
35,960,444	(45,960)		(31,092)		(15,657)		(178)	

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)
2020 Activity					
<hr/>					
Pro-rated Total (797,750)      Pro-rated Ending 190 39,557,953	95,063,685	47,827,287	49,164,505	(1,337,218)	47,236,398
<hr/>					
Pro-rated Total 9,126,932      Pro-rated Ending 282 327,266,275	289,237,785	(45,872,684)	(61,171,586)	15,298,902	335,110,469
<hr/>					
Pro-rated Total (92,888)      Pro-rated Ending 283 35,867,556	61,516,062	23,668,081	23,823,783	(155,702)	37,847,981

1 **Calculation of PBOP Expenses**

2	<b><u>MAIT</u></b>	<b><u>Amount</u></b>	<b><u>Source</u></b>
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	19,985,161	MAIT Labor: Company Records
7	PBOP Expense for current year (line 5 * line 6)	(1,073,040)	
8	PBOP expense in Account 926 for current year	(572,105)	MAIT Account 926: Company Records
9	PBOP Adjustment for Attachment H-28A, page 3, line 9 (line 7 - line 8)	(500,935)	

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, 2020
<b>1</b>	<b>Payroll Taxes</b>		
1a	Federal - Other	263.i	568,147
1b		263.i	-
1c		263.i	-
<b>1z</b>	<b>Payroll Taxes Total</b>		<b>568,147</b>
<b>2</b>	<b>Highway and Vehicle Taxes</b>		
2a		263.i	-
<b>2z</b>	<b>Highway and Vehicle Taxes</b>		<b>-</b>
<b>3</b>	<b>Property Taxes</b>		
3a	Property Tax	263.i	127,828
3b			-
3c			-
<b>3z</b>	<b>Property Taxes</b>		<b>127,828</b>
<b>4</b>	<b>Gross Receipts Tax</b>		
4a		263.i	-
<b>4z</b>	<b>Gross Receipts Tax</b>		<b>-</b>
<b>5</b>	<b>Other Taxes</b>		
5a	Sales & Use Tax	263.i	29
5b		263.i	-
5c			-
<b>5z</b>	<b>Other Taxes</b>		<b>29</b>
<b>6z</b>	<b>Payments in lieu of taxes</b>		
<b>7</b>	Total other than income taxes (sum lines 1z, 2z, 3z, 4z, 5z, 6z) [tie to 114.14c]		<b>\$696,004</b>

Notes:

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

Capital Structure Calculation

		[1] Proprietary Capital	[2] Preferred Stock	[3] Account 216.1	[4] Account 219	[5] Goodwill	[6] Common Stock	[7] 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	2019	\$922,899,009			\$223,591,970	699,307,039	\$449,905,943
2	January	2020	\$930,079,352			\$223,591,970	706,487,382	\$449,906,879
3	February	2020	\$1,202,587,005			\$223,591,970	978,995,035	\$449,907,816
4	March	2020	\$1,209,937,839			\$223,591,970	986,345,869	\$699,908,752
5	April	2020	\$1,217,731,420			\$223,591,970	994,139,450	\$699,909,688
6	May	2020	\$1,226,805,607			\$223,591,970	1,003,213,637	\$699,910,624
7	June	2020	\$1,234,549,529			\$223,591,970	1,010,957,559	\$699,911,560
8	July	2020	\$1,242,466,427			\$223,591,970	1,018,874,457	\$699,912,497
9	August	2020	\$1,250,576,667			\$223,591,970	1,026,984,697	\$699,913,433
10	September	2020	\$1,259,296,920			\$223,591,970	1,035,704,950	\$699,914,369
11	October	2020	\$1,266,694,790			\$223,591,970	1,043,102,820	\$699,915,305
12	November	2020	\$1,274,369,174			\$223,591,970	1,050,777,204	\$699,916,241
13	December	2020	\$1,189,468,114			\$223,591,970	965,876,144	\$699,917,178
14	13-month Average		1,186,727,835	-	-	223,591,970	963,135,865	642,219,253

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**

For the 12 months ended 12/31/2020

**TABLE 1: Summary Cost of Long Term Debt**

**CALCULATION OF COST OF DEBT**

**YEAR ENDED 12/31/2020**

	(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* ((col e. * col. F)/12)	Weighted Outstanding Ratios (col. g/col. g total)	Effective Cost Rate (Table 2, Col. II)	Weighted Debt Cost at t = N (h) * (i)
<b>Long Term Debt 12/31/2020</b>											
<b>First Mortgage Bonds:</b>											
(1)	4.10%, Senior Unsecured Note	5/10/2018	5/15/2028	\$ 450,000,000	\$ 445,906,699	\$ 446,971,911	12	\$ 446,971,911	70.57%	4.21%	2.97%
(2)	3.60%, Senior Unsecured Note	3/31/2020	4/1/2032	\$ 125,000,000	\$ 124,231,771	\$ 124,279,961	9	\$ 93,209,970	14.72%	3.66%	0.54%
(3)	3.70%, Senior Unsecured Note	3/31/2020	4/1/2035	\$ 125,000,000	\$ 124,231,771	\$ 124,270,330	9	\$ 93,202,747	14.72%	3.75%	0.55%
<b>Total</b>				<b>\$ 700,000,000</b>		<b>\$ 695,522,201</b>		<b>\$ 633,384,628</b>	<b>100.000%</b>		<b>4.06%</b> **

t = time  
The current portion of long term debt is included in the Net Amount Outstanding at t = N in these calculations.  
The outstanding amount (column (e)) for debt retired during the year is the outstanding amount at the last month it was outstanding.  
\* z = Average of monthly balances for months outstanding during the year (average of the balances for the 12 months of the year, with zero in months that the issuance is not outstanding in a month).  
Interim (individual debenture) debt cost calculations shall be taken to four decimals in percentages (7.2300%, 5.2582%); Final Total Weighted Average Debt Cost for the Formula Rate shall be rounded to two decimals of a percent (7.03%).  
\*\* This Total Weighted Average Debt Cost will be shown on page 4, line 22, column 5 of formula rate Attachment H-28A.

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

**YEAR ENDED 12/31/2020**

	(aa)	(bb)	(cc)	(dd)	(ee)	(ff)	(gg)	(hh)	(ii)	(jj)	(kk)	(ll)
	Issue Date	Maturity Date	Amount Issued	(Discount) Premium at Issuance	Issuance Expense	Loss/Gain on Reacquired Debt	Less Related ADIT	Net Proceeds	Net Proceeds Ratio	Coupon Rate	Annual Interest	Effective Cost Rate* (Yield to Maturity at Issuance, t = 0)
<b>Long Term Debt Is Affiliate</b>												
(1)	4.10%, Senior Unsecured Notes	5/10/2018	5/15/2028	\$ 450,000,000	\$ (112,500)	3,980,801	-	\$ 445,906,699	99.0904	4.100%	\$ 18,450,000	4.21%
(2)	3.60%, Senior Unsecured Note	3/31/2020	4/1/2032	\$ 125,000,000	\$ -	768,229	xxx	\$ 124,231,771	99.3854	3.600%	\$ 4,500,000	3.66%
(3)	3.70%, Senior Unsecured Note	3/31/2020	4/1/2035	\$ 125,000,000	\$ -	768,229	xxx	\$ 124,231,771	99.3854	3.700%	\$ 4,625,000	3.75%
<b>TOTALS</b>			<b>\$ 700,000,000</b>	<b>(112,500)</b>	<b>\$ 5,517,259</b>	<b>-</b>	<b>xxx</b>	<b>\$ 694,370,241</b>			<b>\$ 27,575,000</b>	

\* 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 C<sub>0</sub> equals Net Proceeds column (gg); Semi-annual (or other) interest cashflows (C<sub>t=1</sub>, C<sub>t=2</sub>, 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)	\$ 1,884,877,618
2	Net Transmission Plant - Total	Attach. H-28A, p. 2, line 14, col. 5 (Note B)	\$ 1,554,100,540
<b>Q&amp;M EXPENSE</b>			
3	Total Q&M Allocated to Transmission	Attach. H-28A, p. 3, line 15, col. 5	\$ 72,050,301
4	Annual Allocation Factor for Q&M	(line 3 divided by line 1, col. 3)	3.822545%
<b>GENERAL, INTANGIBLE, AND COMMON (G, I, &amp; C) DEPRECIATION EXPENSE</b>			
5	Total G, I, & C depreciation expense	Attach. H-28A, p. 3, lines 17 & 18, col. 5	\$ 5,878,149
6	Annual allocation factor for G, I, & C depreciation expense	(line 5 divided by line 1, col. 3)	0.311858%
<b>TAXES OTHER THAN INCOME TAXES</b>			
7	Total Other Taxes	Attach. H-28A, p. 3, line 28, col. 5	\$ 696,004
8	Annual Allocation Factor for Other Taxes	(line 7 divided by line 1, col. 3)	0.036926%
9	<b>Annual Allocation Factor for Expense</b>	<b>Sum of line 4, 6, &amp; 8</b>	<b>4.171329%</b>
<b>INCOME TAXES</b>			
10	Total Income Taxes	Attach. H-28A, p. 3, line 39, col. 5	\$ 32,181,707
11	Annual Allocation Factor for Income Taxes	(line 10 divided by line 2, col. 3)	2.070761%
<b>RETURN</b>			
12	Return on Rate Base	Attach. H-28A, p. 3, line 40, col. 5	\$ 104,004,874
13	Annual Allocation Factor for Return on Rate Base	(line 12 divided by line 2, col. 3)	6.692287%
14	<b>Annual Allocation Factor for Return</b>	<b>Sum of line 11 and 13</b>	<b>8.763048%</b>

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

(5)	(6)	(7)	(8)	(9)
Line No.	Reference	Transmission	Allocator	
<b>INCOME TAXES</b>				
10b	Total Income Taxes	Attachment 2, line 33	\$ 32,181,707	
11b	Annual Allocation Factor for Income Taxes	(line 10b divided by line 2, col. 3)	2.070761%	2.070761%
<b>RETURN</b>				
12b	Return on Rate Base	Attachment 2, line 22	\$ 104,004,874	
13b	Annual Allocation Factor for Return on Rate Base	(line 12b divided by line 2, col. 3)	6.692287%	6.692287%
14b	<b>Annual Allocation Factor for Return</b>	<b>Sum of line 11b and 13b</b>		<b>8.763048%</b>
15	<b>Additional Annual Allocation Factor for Return</b>	<b>Line 14 b, col. 9 less line 14, col. 4</b>		<b>0.00000%</b>

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	\$ 12,637,431	4.171325%	\$27,149	\$ 10,033,015	8.763048%	\$979,198	\$ 193,353	\$ 1,599,700	-	\$ 1,599,700		\$ 1,599,700
2a	Install 200 MVAR capacitor at Keystone 500 kV	b0549	\$ 3,207,134	4.171325%	\$133,780	\$ 2,769,057	8.763048%	\$244,400	\$ 44,258	\$ 422,445	-	\$ 422,445		\$ 422,445
2c	Install 25 MVAR capacitor at Savdon 115 kV substation	b0551	\$ 1,380,393	4.171325%	\$57,581	\$ 1,094,756	8.763048%	\$95,937	\$ 18,940	\$ 172,458	-	\$ 172,458		\$ 172,458
2d	Install 50 MVAR capacitor at Altoona 230 kV substation	b0552	\$ 1,038,335	4.171325%	\$43,312	\$ 929,389	8.763048%	\$81,443	\$ 14,329	\$ 133,084	-	\$ 133,084		\$ 133,084
2e	Install 50 MVAR capacitor at Raytown 230 kV substation	b0553	\$ 927,947	4.171325%	\$38,708	\$ 806,939	8.763048%	\$70,686	\$ 12,805	\$ 122,200	-	\$ 122,200		\$ 122,200
2f	Install 75 MVAR capacitor at East Towanda 230 kV substation	b0557	\$ 2,177,814	4.171325%	\$90,844	\$ 1,893,650	8.763048%	\$165,941	\$ 29,867	\$ 286,652	-	\$ 286,652		\$ 286,652
2g	Relocate the Erie South 940 kV line terminal 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	b1993	\$ 10,654,834	4.171325%	\$444,448	\$ 9,956,890	8.763048%	\$863,764	\$ 146,815	\$ 1,455,027	-	\$ 1,455,027		\$ 1,455,027
2h	Portland-Koblesky 230kV Terminal Upgrade	b1984	\$ 63,309,776	4.171325%	\$2,640,859	\$ 61,444,200	8.763048%	\$5,384,395	\$ 911,294	\$8,936,528	-	\$8,936,528		\$8,936,528
2i	South Lebanon 230/69 kv Bank 1 - Upgrade 69 kv Terminal Facilities	b0132.3	\$ 130,865	4.171325%	\$5,464	\$ 108,673	8.763048%	\$9,223	\$ 2,665	\$ 17,673	-	\$ 17,673		\$ 17,673
2j	Middlemen Sub - 69 kv Capacitor Bank	b1364	\$ 87,275	4.171325%	\$3,641	\$ 73,639	8.763048%	\$6,453	\$ 1,789	\$ 11,883	-	\$ 11,883		\$ 11,883
2k	Germanstown - 138kV Reactor Removal	b1362	\$ 47,992	4.171325%	\$2,022	\$ 42,137	8.763048%	\$3,692	\$ 614	\$ 6,309	-	\$ 6,309		\$ 6,309
2l	Germanstown - 138kV Reactor Removal	b1816.4	\$ -	4.171325%	\$ 0	\$ -	8.763048%	\$ 0	\$ 0	\$ 0	-	\$ 0		\$ 0
2m	Germanstown r 138 115kV #1 Bk 2Mtr - Upgrade 138kV 99kL & 115kV 99kL components	b2688.1 & b2688.2	\$ 5,926,737	4.171325%	\$247,224	\$ 5,656,309	8.763048%	\$495,605	\$ 121,498	\$864,387	-	\$864,387		\$864,387
2n	Loop the 2006 (TM) - Hosensack 500 kV line in to the Laushtown substation and upgrade relay at TM 500 kV	b2006_1_1_DFAX_All	\$ 2,215,749	4.171325%	\$92,426	\$ 2,046,702	8.763048%	\$179,354	\$ 45,507	\$326,287	-	\$326,287		\$326,287
2o	Loop the 2006 (TM) - Hosensack 500 kV line in to the Laushtown substation and upgrade relay at TM 500 kV	b2006_1_1_Load_Rat	\$ 2,215,749	4.171325%	\$92,426	\$ 2,046,702	8.763048%	\$179,354	\$ 45,507	\$326,287	-	\$326,287		\$326,287
2p	Install 2nd Hunterstown 230/115 kV transformer	b2452	\$ 6,023,169	4.171325%	\$251,246	\$ 5,819,890	8.763048%	\$492,474	\$ 132,510	\$876,230	-	\$876,230		\$876,230
2q	Reconductor Hunterstown - Oxford 115 kV line	b2452.1	\$ 2,721,723	4.171325%	\$113,532	\$ 2,537,448	8.763048%	\$222,358	\$ 59,878	\$395,768	-	\$395,768		\$395,768
2r	Reconductor the North-Middletown - Chisow - Lackawanna 230 kV circuit and upgrade terminal	b2552.1	\$ 76,164,303	4.171325%	\$3,177,886	\$ 74,879,127	8.763048%	\$6,561,694	\$ 1,841,878	\$11,581,470	-	\$11,581,470		\$11,581,470
2s	Tie in new feed substation by Conemaugh-Hunterstown 500 kV	b2743.2	\$ -	4.171325%	\$ 0	\$ -	8.763048%	\$ 0	\$ 0.00	\$ 0.00	-	\$ 0		\$ 0
2t	Upgrade terminal equipment at Conemaugh 500 kV on the Conemaugh - Hunterstown 500 kV circuit	b2743.3	\$ -	4.171325%	\$ 0	\$ -	8.763048%	\$ 0	\$ 0.00	\$ 0.00	-	\$ 0		\$ 0
2u	Upgrade terminal equipment at Hunterstown 500 kV on the Conemaugh - Hunterstown 500 kV circuit	b2743.4	\$ -	4.171325%	\$ 0	\$ -	8.763048%	\$ 0	\$ 0.00	\$ 0.00	-	\$ 0		\$ 0
3	Transmission Enhancement Credit taken to Attachment H-28A Page 1, Line 7											\$27,540.387		
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 RCE 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 13-month average

TEC Worksheet Support  
Net Plant Detail

Line No.	Project Name	RTEP Project Number	Project Gross Plant (Note A)	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20
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	\$3,207,134.25	\$3,207,134.25	\$3,207,134.25	\$3,207,134.25	\$3,207,134.25	\$3,207,134.25	\$3,207,134.25	\$3,207,134.25	\$3,207,134.25	\$3,207,134.25	\$3,207,134.25	\$3,207,134.25	\$3,207,134.25
2c	Install 25 MVAR capacitor at Saxton 115 kV substation	b0551	\$ 1,380,393	\$1,380,393.10	\$1,380,393.10	\$1,380,393.10	\$1,380,393.10	\$1,380,393.10	\$1,380,393.10	\$1,380,393.10	\$1,380,393.10	\$1,380,393.10	\$1,380,393.10	\$1,380,393.10	\$1,380,393.10	\$1,380,393.10
2d	Install 50 MVAR capacitor at Alloom 230 kV substation	b0552	\$ 1,038,335	\$1,038,334.66	\$1,038,334.66	\$1,038,334.66	\$1,038,334.66	\$1,038,334.66	\$1,038,334.66	\$1,038,334.66	\$1,038,334.66	\$1,038,334.66	\$1,038,334.66	\$1,038,334.66	\$1,038,334.66	\$1,038,334.66
2e	Install 50 MVAR capacitor at Rystown 230 kV substation	b0553	\$ 927,947	\$927,946.84	\$927,946.84	\$927,946.84	\$927,946.84	\$927,946.84	\$927,946.84	\$927,946.84	\$927,946.84	\$927,946.84	\$927,946.84	\$927,946.84	\$927,946.84	\$927,946.84
2f	Install 75 MVAR capacitor at East Towanda 230 kV substation	b0557	\$ 2,177,814	\$2,177,814.37	\$2,177,814.37	\$2,177,814.37	\$2,177,814.37	\$2,177,814.37	\$2,177,814.37	\$2,177,814.37	\$2,177,814.37	\$2,177,814.37	\$2,177,814.37	\$2,177,814.37	\$2,177,814.37	\$2,177,814.37
2g	Relocate the Erie South 345 kV line terminal	b1993	\$ 10,654,834	\$10,675,225.33	\$10,675,225.33	\$10,622,208.88	\$10,675,225.33	\$10,675,225.33	\$10,675,225.33	\$10,675,225.33	\$10,675,225.33	\$10,675,225.33	\$10,622,208.88	\$10,622,208.88	\$10,622,208.88	\$10,622,208.88
	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	\$ 63,309,776	\$62,304,810.60	\$63,086,293.92	\$63,256,289.64	\$63,303,303.34	\$63,304,309.89	\$63,396,857.53	\$63,401,258.29	\$63,496,447.83	\$63,497,235.85	\$63,476,610.18	\$63,488,690.43	\$63,503,553.26	\$63,511,421.12
2i	Portland-Kittatiny 230kV Terminal Upgrade	b0132.3	\$ 130,995	\$130,995.06	\$130,995.06	\$130,995.06	\$130,995.06	\$130,995.06	\$130,995.06	\$130,995.06	\$130,995.06	\$130,995.06	\$130,995.06	\$130,995.06	\$130,995.06	\$130,995.06
	South Lebanon 230/69 kv Bank 1 - Upgrade 69 kv Terminal	b1364	\$ 87,275	\$87,274.76	\$87,274.76	\$87,274.76	\$87,274.76	\$87,274.76	\$87,274.76	\$87,274.76	\$87,274.76	\$87,274.76	\$87,274.76	\$87,274.76	\$87,274.76	\$87,274.76
2j	Facilities	b1362	\$ 47,992	\$47,992.02	\$47,992.02	\$47,992.02	\$47,992.02	\$47,992.02	\$47,992.02	\$47,992.02	\$47,992.02	\$47,992.02	\$47,992.02	\$47,992.02	\$47,992.02	\$47,992.02
2k	Middletown Sub - 69 kv Capacitor Bank	b1816.4	\$ -	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2l	Germantown - 138kv Reactor Removal	b1816.4	\$ -	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
	Germantown r p 138 115kV #1 Bk Xfmr + Upgrade 138kV	b2688.1 & b2688.2	\$ 5,926,737	\$5,926,268.66	\$5,926,268.66	\$5,926,348.46	\$5,926,348.46	\$5,926,348.46	\$5,926,667.39	\$5,926,826.85	\$5,926,986.31	\$5,926,986.31	\$5,926,986.31	\$5,926,986.31	\$5,927,069.16	\$5,927,492.27
2m	999L & 115kV 998L components	b2688.1 & b2688.2	\$ 5,926,737	\$5,926,268.66	\$5,926,268.66	\$5,926,348.46	\$5,926,348.46	\$5,926,348.46	\$5,926,667.39	\$5,926,826.85	\$5,926,986.31	\$5,926,986.31	\$5,926,986.31	\$5,926,986.31	\$5,927,069.16	\$5,927,492.27
2n	Loop the 2026 (TMI - Hosensack 500 kV) line in to the Laushtown substation and upgrade relay at TMI 500 kV	b2006.1.1 DFAX Allocati	\$ 2,215,749	\$2,215,748.57	\$2,215,748.57	\$2,215,748.57	\$2,215,748.57	\$2,215,748.57	\$2,215,748.57	\$2,215,748.57	\$2,215,748.57	\$2,215,748.57	\$2,215,748.57	\$2,215,748.57	\$2,215,748.57	\$2,215,748.57
	Loop the 2026 (TMI - Hosensack 500 kV) line in to the Laushtown substation and upgrade relay at TMI 500 kV	b2006.1.1 Load Ratio Sh	\$ 2,215,749	\$2,215,748.57	\$2,215,748.57	\$2,215,748.57	\$2,215,748.57	\$2,215,748.57	\$2,215,748.57	\$2,215,748.57	\$2,215,748.57	\$2,215,748.57	\$2,215,748.57	\$2,215,748.57	\$2,215,748.57	\$2,215,748.57
2p	Install 2nd Hunterstown 230/115 kV transformer	b2452	\$ 6,023,169	\$6,023,169.07	\$6,023,169.07	\$6,023,169.07	\$6,023,169.07	\$6,023,169.07	\$6,023,169.07	\$6,023,169.07	\$6,023,169.07	\$6,023,169.07	\$6,023,169.07	\$6,023,169.07	\$6,023,169.07	\$6,023,169.07
2q	Reconductor Hunterstown - Oxford 115 kV line	b2452.1	\$ 2,721,723	\$2,721,722.68	\$2,721,722.68	\$2,721,722.68	\$2,721,722.68	\$2,721,722.68	\$2,721,722.68	\$2,721,722.68	\$2,721,722.68	\$2,721,722.68	\$2,721,722.68	\$2,721,722.68	\$2,721,722.68	\$2,721,722.68
	Reconductor the North Meshoppen - Osbow - Lackawanna 230 kV circuit and upgrade terminal equipment (PENELEC portion)	b2552.1	\$ 76,184,303	\$40,774,356.27	\$40,859,992.69	\$40,864,446.68	\$40,939,444.77	\$41,320,437.14	\$97,630,020.85	\$97,671,296.67	\$98,147,902.40	\$98,466,140.22	\$98,537,364.76	\$98,511,804.83	\$98,533,226.51	\$98,139,507.53
2s	Tie in new Rice substation to Conemaugh-Hunterstown 500 kV Upgrade terminal equipment at Conemaugh 500 kV: on the Conemaugh - Hunterstown 500 kV circuit	b2743.2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2t	Upgrade terminal equipment at Hunterstown 500 kV: on the Conemaugh - Hunterstown 500 kV circuit	b2743.3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2u	Upgrade terminal equipment at Hunterstown 500 kV: on the Conemaugh - Hunterstown 500 kV circuit	b2743.4	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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 12/31/2020

Accumulated Depreciation	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Project Net Plant
(Note B)	(Note D)	(Note D)	(Note D)	(Note D)	(Note D)	(Note D)	(Note D)	(Note D)	(Note D)	(Note D)	(Note D)	(Note D)	(Note D)	(Note B & C)
\$2,604,416.27	\$ 2,507,740	\$ 2,523,853	\$ 2,539,965	\$ 2,556,078	\$ 2,572,191	\$ 2,588,304	\$ 2,604,416	\$ 2,620,529	\$ 2,636,642	\$ 2,652,754	\$ 2,668,867	\$ 2,684,980	\$ 2,701,093	\$10,033,015.20
\$418,077.55	\$395,948.33	\$399,636.53	\$403,324.74	\$407,012.94	\$410,701.15	\$414,389.35	\$418,077.55	\$421,765.76	\$425,453.96	\$429,142.17	\$432,830.37	\$436,518.58	\$440,206.78	\$2,789,056.70
\$285,598.03	\$276,128.08	\$277,706.40	\$279,284.73	\$280,863.06	\$282,441.38	\$284,019.71	\$285,598.03	\$287,176.36	\$288,754.68	\$290,333.01	\$291,911.34	\$293,489.66	\$295,067.99	\$1,094,795.07
\$108,945.63	\$101,781.12	\$102,975.21	\$104,169.29	\$105,363.38	\$106,557.46	\$107,751.55	\$108,945.63	\$110,139.72	\$111,333.80	\$112,527.89	\$113,721.97	\$114,916.06	\$116,110.14	\$929,389.03
\$121,308.29	\$114,905.46	\$115,972.60	\$117,039.74	\$118,106.88	\$119,174.01	\$120,241.15	\$121,308.29	\$122,375.43	\$123,442.57	\$124,509.71	\$125,576.85	\$126,643.99	\$127,711.13	\$806,838.55
\$284,164.20	\$269,230.61	\$271,719.54	\$274,208.47	\$276,697.40	\$279,186.33	\$281,675.27	\$284,164.20	\$286,653.13	\$289,142.06	\$291,630.99	\$294,119.93	\$296,608.86	\$299,097.79	\$1,893,650.17
\$797,944.69	\$724,486.68	\$736,744.10	\$748,971.09	\$761,198.07	\$773,455.50	\$785,712.92	\$797,970.34	\$810,227.77	\$822,485.19	\$834,742.17	\$846,998.72	\$859,255.27	\$871,512.82	\$9,856,889.80
\$1,865,575.08	\$1,410,609.83	\$1,485,773.68	\$1,561,507.88	\$1,637,372.16	\$1,713,265.22	\$1,789,214.37	\$1,865,221.63	\$1,941,288.58	\$2,017,413.07	\$2,093,525.67	\$2,169,633.15	\$2,245,756.77	\$2,321,894.02	\$61,444,200.45
\$22,321.74	\$20,979.04	\$21,202.82	\$21,426.60	\$21,650.39	\$21,874.17	\$22,097.95	\$22,321.74	\$22,545.52	\$22,769.30	\$22,993.09	\$23,216.87	\$23,440.65	\$23,664.43	\$108,673.32
\$13,635.65	\$12,741.08	\$12,890.17	\$13,039.27	\$13,188.36	\$13,337.46	\$13,486.55	\$13,635.65	\$13,784.74	\$13,933.83	\$14,082.93	\$14,232.02	\$14,381.12	\$14,530.21	\$73,639.11
\$5,855.44	\$5,548.29	\$5,599.48	\$5,650.67	\$5,701.86	\$5,753.05	\$5,804.25	\$5,855.44	\$5,906.63	\$5,957.82	\$6,009.01	\$6,060.20	\$6,111.40	\$6,162.59	\$42,136.58
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
\$270,428.65	\$209,681.48	\$219,805.52	\$229,929.63	\$240,053.81	\$250,177.99	\$260,302.44	\$270,427.30	\$280,552.43	\$290,677.70	\$300,802.97	\$310,928.24	\$321,053.58	\$331,179.35	\$5,656,308.55
\$169,046.14	\$141,792.43	\$146,334.72	\$150,877.00	\$155,419.29	\$159,961.57	\$164,503.86	\$169,046.14	\$173,588.43	\$178,130.71	\$182,673.00	\$187,215.28	\$191,757.57	\$196,299.85	\$2,046,702.43
\$169,046.14	\$141,792.43	\$146,334.72	\$150,877.00	\$155,419.29	\$159,961.57	\$164,503.86	\$169,046.14	\$173,588.43	\$178,130.71	\$182,673.00	\$187,215.28	\$191,757.57	\$196,299.85	\$2,046,702.43
\$403,278.67	\$337,023.81	\$348,066.29	\$359,108.76	\$370,151.24	\$381,193.72	\$392,236.19	\$403,278.67	\$414,321.15	\$425,363.62	\$436,406.10	\$447,448.58	\$458,491.05	\$469,533.53	\$5,619,890.40
\$184,274.21	\$154,335.26	\$159,325.09	\$164,314.91	\$169,304.74	\$174,294.56	\$179,284.39	\$184,274.21	\$189,264.04	\$194,253.86	\$199,243.69	\$204,233.51	\$209,223.34	\$214,213.16	\$2,537,448.47
\$1,305,175.97	\$532,592.78	\$614,227.13	\$695,951.57	\$777,755.46	\$860,015.34	\$942,279.78	\$1,024,544.22	\$1,106,808.66	\$1,189,073.10	\$1,271,337.54	\$1,353,601.98	\$1,435,866.42	\$1,518,130.86	\$74,879,127.21
\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00
\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00
\$0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$0.00

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 Attachment 11 p 2 of 2, col. 14	(e) % of Total Revenue Requirement Col d, line 2 / Col. d, line 3	(f) Revenue Received Col c, line 1 * Col e	(g) Actual Annual Revenue Requirement Attachment 11 p 2 of 2, col. 14	(h) True-up Adjustment Principal Over/(Under) Col. f - Col. G	(i) Applicable Interest Rate on Over/(Under) Col. H line 2x / Col. H line 3 * Col. J line 4	(j) Total True-up Adjustment with Interest Over/(Under) Col. h + Col. i
1	[A] Actual RTEP Credit Revenues for true-up year		15,935,929							
2a	Install 230kV series reactor and 2- 100MVAR PLC switched capacitors at Hunterstown	b0215		1,350,447	0.06	1,021,497	1,627,862	(606,364)	(48,950)	(655,314)
2b	Install 250 MVAR capacitor at Keystone 500 kV	b0549		350,150	0.02	264,858	429,585	(164,727)	(13,298)	(178,024)
2c	Install 25 MVAR capacitor at Saxton 115 kV substation	b0551		143,377	0.01	108,453	175,534	(67,082)	(5,415)	(72,497)
2d	Install 50 MVAR capacitor at Altoona 230 kV substation	b0552		115,214	0.01	87,150	141,395	(54,245)	(4,379)	(58,624)
2e	Install 50 MVAR capacitor at Raystown 230 kV substation	b0553		101,288	0.00	76,615	124,266	(47,650)	(3,847)	(51,497)
2f	Install 75 MVAR capacitor at East Towanda 230 kV substation	b0557		237,837	0.01	179,903	291,500	(111,597)	(9,009)	(120,606)
2g	Relocate the Erie South 345 kV line terminal 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		1,205,508	0.06	911,864	1,478,746	(566,883)	(45,762)	(612,645)
2h	Portland-Kittatinny 230kv Terminal Upgrade	b0132.3		13,956,274	0.66	10,556,728	9,073,218	1,483,510	119,758	1,603,268
2i	South Lebanon 230/69 kv Bank 1 - Upgrade 69 kv Terminal Facilities	b1364		36,465	0.00	27,583	17,965	9,618	776	10,394
2j	Middletown Sub - 69 kv Capacitor Bank	b1362		24,499	0.00	18,531	12,077	6,455	521	6,976
2k	Germantown - 138kv Reactor Removal	b1816.4		14,164	0.00	10,714	6,423	4,291	346	4,638
2l	Germantown r p 138 115kV #1 Bk Xfmr + Upgrade 138kV 999L & 115kV 998L components	b1816.4		9,255	0.00	7,001	91	6,910	558	7,467
2m	Loop the 2026 (TMI - Hosensack 500 kV) line in to the Lauschtown substation and upgrade relay at TMI 500 kV	b2688.1 & b2688.2		1,502,687	0.07	1,136,654	877,655	259,000	20,908	279,908
2n	Loop the 2026 (TMI - Hosensack 500 kV) line in to the Lauschtown substation and upgrade relay at TMI 500 kV	b2006.1.1_DFA_X_Allocation		329,649	0.02	249,351	331,213	(81,862)	(6,608)	(88,470)
2o	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		377,834	0.02	285,799	331,213	(45,414)	(3,666)	(49,080)
2p	Install 2nd Hunterstown 230/115 kV transformer	b2452		766,387	0.04	579,706	889,625	(309,919)	(25,019)	(334,937)
2q	Reconductor Hunterstown - Oxford 115 kV line	b2452.1		322,278	0.02	243,775	401,821	(158,045)	(12,758)	(170,804)
2r	Reconductor the North Meshoppen - Oxbow - Lackawanna 230 kV circuit and upgrade terminal equipment (PENELEC portion)	b2552.1		-	-	-	11,581,470	(11,581,470)	(934,929)	(12,516,399)
2s	Tie in new Rice substation to Conemaugh-Hunterstown 500 kV	b2743.2		188,942	0.01	142,918	-	142,918	11,537	154,456
2t	Upgrade terminal equipment at Conemaugh 500 kV: on the Conemaugh - Hunterstown 500 kV circuit	b2743.3		26,619	0.00	20,135	-	20,135	1,625	21,761
2u	Upgrade terminal equipment at Hunterstown 500 kV: on the Conemaugh - Hunterstown 500 kV circuit	b2743.4		8,847	0.00	6,692	-	6,692	540	7,232
3	Subtotal			21,067,720			27,791,658	(11,855,729)		(12,812,798)
4	Total Interest (Sourced from Attachment 13a, line 30)									(957,069)

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 2020 filed on June 1, 2021 \$222,071,873	-	2020 Revenue Requirement Collected by PJM Based on Forecast filed on Oct 07, 2019 \$237,340,381	=	True-up Adjustment - Over (Under) Recovery \$15,268,509
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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 <sup>[A]</sup>		0.3145%				

An over or under collection will be recovered prorata over 2020, held for 2021 and returned prorata over 2022

<b>Calculation of Interest</b>				<b>Monthly</b>			
3	January	Year 2020	1,272,376	0.3145%	12	(48,019)	(1,320,395)
4	February	Year 2020	1,272,376	0.3145%	11	(44,018)	(1,316,394)
5	March	Year 2020	1,272,376	0.3145%	10	(40,016)	(1,312,392)
6	April	Year 2020	1,272,376	0.3145%	9	(36,015)	(1,308,390)
7	May	Year 2020	1,272,376	0.3145%	8	(32,013)	(1,304,389)
8	June	Year 2020	1,272,376	0.3145%	7	(28,011)	(1,300,387)
9	July	Year 2020	1,272,376	0.3145%	6	(24,010)	(1,296,385)
10	August	Year 2020	1,272,376	0.3145%	5	(20,008)	(1,292,384)
11	September	Year 2020	1,272,376	0.3145%	4	(16,006)	(1,288,382)
12	October	Year 2020	1,272,376	0.3145%	3	(12,005)	(1,284,381)
13	November	Year 2020	1,272,376	0.3145%	2	(8,003)	(1,280,379)
14	December	Year 2020	1,272,376	0.3145%	1	(4,002)	(1,276,377)
						(312,126)	<b>(15,580,635)</b>

				<b>Annual</b>			
15	January through December	Year 2021	(15,580,635)	0.3145%	12	(588,013)	<b>(16,168,648)</b>

<b>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</b>				<b>Monthly</b>				
16	January	Year 2022	<b>16,168,648</b>	0.3145%		(50,850)	1,375,090	(14,844,409)
17	February	Year 2022	14,844,409	0.3145%		(46,686)	1,375,090	(13,516,005)
18	March	Year 2022	13,516,005	0.3145%		(42,508)	1,375,090	(12,183,423)
19	April	Year 2022	12,183,423	0.3145%		(38,317)	1,375,090	(10,846,650)
20	May	Year 2022	10,846,650	0.3145%		(34,113)	1,375,090	(9,505,672)
21	June	Year 2022	9,505,672	0.3145%		(29,895)	1,375,090	(8,160,478)
22	July	Year 2022	8,160,478	0.3145%		(25,665)	1,375,090	(6,811,053)
23	August	Year 2022	6,811,053	0.3145%		(21,421)	1,375,090	(5,457,384)
24	September	Year 2022	5,457,384	0.3145%		(17,163)	1,375,090	(4,099,457)
25	October	Year 2022	4,099,457	0.3145%		(12,893)	1,375,090	(2,737,260)
26	November	Year 2022	2,737,260	0.3145%		(8,609)	1,375,090	(1,370,779)
27	December	Year 2022	1,370,779	0.3145%		(4,311)	1,375,090	0
						(332,430)		

28	True-Up with Interest					\$	16,501,079
29	Less Over (Under) Recovery					\$	15,268,509
30	Total Interest					\$	1,232,570

[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 2020 Available June 1, 2021	-	TEC 2020 Revenue Requirement Collected by PJM Based on Forecast filed on Oct 07, 2019	=	True-up Adjustment - Over (Under) Recovery
\$27,791,658		\$15,935,929		(\$11,855,729)

	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 <sup>[A]</sup>		0.3145%				

An over or under collection will be recovered prorata over 2020, held for 2021 and returned prorata over 2022

Calculation of Interest			Monthly				
3	January	Year 2020	(987,977)	0.3145%	12	37,286	1,025,264
4	February	Year 2020	(987,977)	0.3145%	11	34,179	1,022,156
5	March	Year 2020	(987,977)	0.3145%	10	31,072	1,019,049
6	April	Year 2020	(987,977)	0.3145%	9	27,965	1,015,942
7	May	Year 2020	(987,977)	0.3145%	8	24,858	1,012,835
8	June	Year 2020	(987,977)	0.3145%	7	21,750	1,009,728
9	July	Year 2020	(987,977)	0.3145%	6	18,643	1,006,621
10	August	Year 2020	(987,977)	0.3145%	5	15,536	1,003,513
11	September	Year 2020	(987,977)	0.3145%	4	12,429	1,000,406
12	October	Year 2020	(987,977)	0.3145%	3	9,322	997,299
13	November	Year 2020	(987,977)	0.3145%	2	6,214	994,192
14	December	Year 2020	(987,977)	0.3145%	1	3,107	991,085
						242,361	<b>12,098,090</b>

Annual							
15	January through December	Year 2021	12,098,090	0.3145%	12	456,582	<b>12,554,672</b>

Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months			Monthly				
16	January	Year 2022	(12,554,672)	0.3145%		39,484	11,526,423
17	February	Year 2022	(11,526,423)	0.3145%		36,251	10,494,940
18	March	Year 2022	(10,494,940)	0.3145%		33,007	9,460,214
19	April	Year 2022	(9,460,214)	0.3145%		29,752	8,422,233
20	May	Year 2022	(8,422,233)	0.3145%		26,488	7,380,988
21	June	Year 2022	(7,380,988)	0.3145%		23,213	6,336,468
22	July	Year 2022	(6,336,468)	0.3145%		19,928	5,288,663
23	August	Year 2022	(5,288,663)	0.3145%		16,633	4,237,562
24	September	Year 2022	(4,237,562)	0.3145%		13,327	3,183,156
25	October	Year 2022	(3,183,156)	0.3145%		10,011	2,125,434
26	November	Year 2022	(2,125,434)	0.3145%		6,684	1,064,386
27	December	Year 2022	(1,064,386)	0.3145%		3,347	0
						258,126	

28	True-Up with Interest		\$	(12,812,798)
29	Less Over (Under) Recovery		\$	(11,855,729)
30	Total Interest		\$	(957,069)

[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 12-31-19	BALANCE AS OF 12-31-20	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]	419,774	462,319	441,047			

Unfunded Reserves

Line No.	Description	COLUMN B	COLUMN C	COLUMN D	ALLOCATION FACTOR	TRANSMISSION TOTAL
		BALANCE AS OF 12-31-19	BALANCE AS OF 12-31-20	AVERAGE BALANCE		(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
4b	[Insert Item Included in Account 228.1 that are not allocated to transmission]	0	0	0 Other	0	0
4c	[Insert Item Included in Account 228.1 that are not allocated to transmission]	0	0	0 Other	0	0
4z	Total Account 228.1 (112.27.c)	0	0			0
Account 228.2						
5a	Workman's Compensation	0	0	0 W/S	1.00	0
5b	Probable liabilities not covered by insurance for death or injuries to employees and others	0	0	0 W/S	1.00	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
5d	[Insert Item Included in Account 228.2 that are not allocated to transmission]	0	0	0 Other	0	0
5e	[Insert Item Included in Account 228.2 that are not allocated to transmission]	0	0	0 Other	0	0
5z	Total Account 228.2 (112.28.c)	0	0			0
Account 228.3						
6a	Year-End Vacation Pay Accrual	0	0	0 W/S	1.00	0
6b	Year-End Deferred Compensation Accrual	0	0	0 W/S	1.00	0
6c	Year-End Sick Pay Accrual	0	0	0 W/S	1.00	0
6d	Year-End Incentive Compensation Accrual	0	0	0 W/S	1.00	0
6e	Year-End Severance Pay Accrual	0	0	0 W/S	1.00	0
6f	Year-End PBOP/OPEB Accrual not included in established trusts	0	0	0 W/S	1.00	0
6g	[Insert Item Included in Account 228.3 that are not allocated to transmission]	0	0	0 Other	0	0
6h	[Insert Item Included in Account 228.3 that are not allocated to transmission]	0	0	0 Other	0	0
6z	Total Account 228.3 (112.29.c)	0	0			0
Account 228.4						
7a	Year-End Vacation Pay Accrual	0	0	0 W/S	1.00	0
7b	Year-End Deferred Compensation Accrual	0	0	0 W/S	1.00	0
7c	Year-End Sick Pay Accrual	0	0	0 W/S	1.00	0
7d	Year-End Incentive Compensation Accrual	0	0	0 W/S	1.00	0
7e	Year-End Severance Pay Accrual	0	0	0 W/S	1.00	0
7f	Year-End PBOP/OPEB Accrual not included in established trusts	0	0	0 W/S	1.00	0
7g	[Insert Item Included in Account 228.4 that are not allocated to transmission]	0	0	0 Other	0	0
7h	[Insert Item Included in Account 228.4 that are not allocated to transmission]	0	0	0 Other	0	0
7z	Total Account 228.4 (112.30.c)	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	Commitment Fees (Short-term debt revolving credit facilities)	168,188	94,924	131,556 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)	168,188	94,924			-
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>2020</u>	<u>2020</u>	<u>Reference</u>	
1 Tax adjustment for Permanent Differences & AFUDC Equity	[A]	\$279,634	\$279,634	\$279,634	MAIT Company Records	
2 Amortized Excess Deferred Taxes (enter negative)	[B]	(1,091,224)	(1,091,224)	(1,091,224)	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	<b>Monthly Balance</b>	Source					
2	December 2019	p232 (and Notes)	13			263,159	
3	January	FERC Account 182.3	12	263,159	21,930	241,229	
4	February	FERC Account 182.3	11	241,229	21,930	219,299	
5	March	FERC Account 182.3	10	219,299	21,930	197,369	
6	April	FERC Account 182.3	9	197,369	21,930	175,439	
7	May	FERC Account 182.3	8	175,439	21,930	153,509	
8	June	FERC Account 182.3	7	153,509	21,930	131,579	
9	July	FERC Account 182.3	6	131,579	21,930	109,649	
10	August	FERC Account 182.3	5	109,649	21,930	87,720	
11	September	FERC Account 182.3	4	87,720	21,930	65,790	
12	October	FERC Account 182.3	3	65,790	21,930	43,860	
13	November	FERC Account 182.3	2	43,860	21,930	21,930	
14	December 2020	p232 (and Notes)	1	21,930	21,930	-	
15	<b>Ending Balance 13-Month Average</b>	(sum lines 2-14) /13			<u>263,159</u>	<u>131,579</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	<b>Monthly Balance</b>	Source					
2	December 2019	p232 (and Notes)	61			2,986,235	
3	January	FERC Account 182.3	60	2,986,235	49,771	2,936,464	
4	February	FERC Account 182.3	59	2,936,464	49,771	2,886,694	
5	March	FERC Account 182.3	58	2,886,694	49,771	2,836,923	
6	April	FERC Account 182.3	57	2,836,923	49,771	2,787,153	
7	May	FERC Account 182.3	56	2,787,153	49,771	2,737,382	
8	June	FERC Account 182.3	55	2,737,382	49,771	2,687,612	
9	July	FERC Account 182.3	54	2,687,612	49,771	2,637,841	
10	August	FERC Account 182.3	53	2,637,841	49,771	2,588,070	
11	September	FERC Account 182.3	52	2,588,070	49,771	2,538,300	
12	October	FERC Account 182.3	51	2,538,300	49,771	2,488,529	
13	November	FERC Account 182.3	50	2,488,529	49,771	2,438,759	
14	December 2020	p232 (and Notes)	49	2,438,759	49,771	2,388,988	
15	<b>Ending Balance 13-Month Average</b>	(sum lines 2-14) /13			<u>\$597,247</u>	<u>2,687,612</u>	

Attachment H-28A, page 3, line 11

Attachment H-28A, page 2, Line 27

Regulatory Asset - Start-up Costs

[1]	[2]	[3] Months Remaining In Amortization Period	[4] Beginning Balance	[5] Amortization Expense (Company Records)	[6] Additions (Deductions)	[7] Ending Balance
1	<b>Monthly Balance</b>	Source				
2	December 2019	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 2020	p232 (and Notes)	1	-	-	-
15	<b>Ending Balance 13-Month Average</b>	(sum lines 2-14) /13		<u>\$0</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	<b>Monthly Balance</b>	Source				
2	December 2019	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 2020	p111.71.c (and Notes) Detail on p230b	1	-	-	-
15	<b>Ending Balance 13-Month Average</b>	(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

		<b>CWIP</b>	
		[A]	
		216.b	
1	December	2019	
2	January	2020	
3	February	2020	
4	March	2020	
5	April	2020	
6	May	2020	
7	June	2020	
8	July	2020	
9	August	2020	
10	September	2020	
11	October	2020	
12	November	2020	
13	December	2020	
14	13-month Average		-

Notes:

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

**Federal Income Tax Rate**

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

**State Income Tax Rate**

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	Pennsylvania	Combined Rate
		(entered on Attachment H-28A, page 5 of 5, Note K)
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		<b><i>Operation</i></b>	
83	560	Operation Supervision and Engineering	\$202,375
84			
85	561.1	Load Dispatch-Reliability	\$1,131,081
86	561.2	Load Dispatch-Monitor and Operate Transmission System	\$397,846
87	561.3	Load-Dispatch-Transmission Service and Scheduling	
88	561.4	Scheduling, System Control and Dispatch Services	\$36,978
89	561.5	Reliability, Planning and Standards Development	\$229,293
90	561.6	Transmission Service Studies	-\$119,323
91	561.7	Generation Interconnection Studies	-\$85,606
92	561.8	Reliability, Planning and Standards Development Services	
93	562	Station Expenses	\$3,004,454
94	563	Overhead Lines Expense	\$619,995
95	564	Underground Lines Expense	
96	565	Transmission of Electricity by Others	
97	566	Miscellaneous Transmission Expense	\$8,348,398
98	567	Rents	\$9,676,154
99		TOTAL Operation (Enter Total of Lines 83 thru 98)	\$23,441,645
100		<b><i>Maintenance</i></b>	
101	568	Maintenance Supervision and Engineering	\$4,609,999
102	569	Maintenance of Structures	
103	569.1	Maintenance of Computer Hardware	\$5,230
104	569.2	Maintenance of Computer Software	\$65,880
105	569.3	Maintenance of Communication Equipment	\$13,183
106	569.4	Maintenance of Miscellaneous Regional Transmission Plant	
107	570	Maintenance of Station Equipment	\$5,899,801
108	571	Maintenance of Overhead Lines	\$27,075,214
109	572	Maintenance of Underground Lines	
110	573	Maintenance of Miscellaneous Transmission Plant	\$238,372
111		TOTAL Maintenance (Total of lines 101 thru 110)	\$37,907,679
112		<b>TOTAL Transmission Expenses (Total of lines 99 and 111) [c]</b>	<b>\$61,349,324</b>

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		<b><i>Operation</i></b>	
181	920	Administrative and General Salaries	
182	921	Office Supplies and Expenses	\$10,703
183	Less 922	Administrative Expenses Transferred - Credit	
184	923	Outside Services Employed	\$6,285,956
185	924	Property Insurance	\$112,818
186	925	Injuries and Damages	\$657,704
187	926	Employee Pensions and Benefits	\$2,413,139
188	927	Franchise Requirements	
189	928	Regulatory Commission Expense	
190	Less 929	(Less) Duplicate Charges-Cr.	
191	930.1	General Advertising Expenses	-\$15,000
192	930.2	Miscellaneous General Expenses	\$339,067
193	931	Rents	\$616,813
194		<b>Total Operation (Enter Total of lines 181 thru 193)</b>	<b>\$10,421,200</b>
195		<b><i>Maintenance</i></b>	
196	935	Maintenance of General Plant	\$1,471,211
197		<b>TOTAL A&amp;G Expenses (Total of lines 194 and 196) [f]</b>	<b>\$11,892,411</b>

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, 2020		
			<u>Amount</u>	
1	Account 451 -- Miscellaneous Service Revenues	FERC Form 1 , page 300 and footnote data		Note S, page 5
1a	Miscellaneous Service Revenues		\$ 1,357,387	
1z	Account 451 Total		\$1,357,387	
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		\$ 1,762,524	
2z	Account 454 Total		\$3,761,087	
3	Account 456 -- Other Electric Revenues	FERC Form 1, page 330 and footnote data		Note V, page 5
3a	Point-to-point Revenues		\$ 2,956,157	
3b	Seneca Transmission Facilities Charges		\$ 266,000	
3z	Account 456 Total		\$3,222,157	