

May 3, 2021

**Re: American Transmission Systems, Incorporated
PJM Open Access Transmission Tariff, Attachment H-21
Annual Update for Rate Year 2020**

Pursuant to sections II.A. and II.B. of the Formula Rate Implementation Protocols (“Protocols”) set forth in Attachment H-21B of the PJM Open Access Transmission Tariff (“PJM OATT”),¹ American Transmission Systems, Incorporated (“ATSI”) is submitting its Annual Update for Rate Year 2020 to PJM for posting.

The Annual Update includes ATSI’s Actual Transmission Revenue Requirement for Rate Year 2020 (“ATRR”), the True-up for Rate Year 2020, as well as related workpapers. The ATRR was developed pursuant to the ATSI formula rate as set forth in Attachment H-21 of the PJM OATT. Pursuant to the Definitions section of the Protocols, the True-up with interest will be included as a component of ATSI’s Projected Transmission Revenue Requirement for Rate Year 2022.

ATSI has asked PJM to post a copy of the Annual Update to the formula rates section of its internet site, located at:

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

A copy of the Annual Update is attached. Within two (2) business days of posting, notice of the posting will be provided via an email exploder list. Pursuant to section II.H. of the Protocols, ATSI shall hold an open meeting among Interested Parties (“Annual Update Meeting”) no earlier than ten (10) business days following the Publication Date (as defined in the Protocols) and no later than May 25. No fewer than seven (7) days prior to such Annual Update Meeting, ATSI shall provide notice on PJM’s website of the time, date, and webcast registration information of the Annual Update Meeting. The Annual Update Meeting shall: (i) permit ATSI to explain and clarify its ATRR and True-up; and (ii) provide Interested Parties an opportunity to seek information and clarifications from ATSI about the ATRR and True-up.

¹ PJM Interconnection, L.L.C., FERC Electric Tariff, Sixth Revised Volume No. 1.

Formula Rate - Non-Levelized

Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2020

American Transmission Systems, Inc.

Line No.				Allocated Amount
1	GROSS REVENUE REQUIREMENT (page 3, line 29, col 5)			\$ 809,860,184
	REVENUE CREDITS (Note T)	Total	Allocator	
2a	Account No. 451 (page 4, line 34)	56,109	TP 1.00000	56,109.00
2b	Account No. 454 (page 4, line 35)	9,827,775	TP 1.00000	9,827,775
3	Account No. 456 (page 4, line 36)	9,609,773	TP 1.00000	9,609,773
4a	Revenues from Grandfathered Interzonal Transactions		TP 1.00000	-
4b	Revenues from service provided by the ISO at a discount		TP 1.00000	-
5a	Legacy MTEP Credit (Appendix E, page 2, line 3, col. 12)	275,523	TP 1.00000	275,523
5b	Reserved	-	TP 1.00000	-
5c	Reserved	-	TP 1.00000	-
5d	Transmission Enhancement Credit (Appendix D, page 2, line 2, col. 10)	29,986,672	TP 1.00000	29,986,672
6a	TOTAL REVENUE CREDITS (sum lines 2a-5d)	49,755,852		49,755,852
6b	TRUE-UP ADJUSTMENT WITH INTEREST (Protocols)			
7	NET REVENUE REQUIREMENT (line 1 minus line 6a plus line 6b)			760,104,333
	DIVISOR			Total
8	1 Coincident Peak (CP) (MW)		(Note A)	12,566.8
9	Average 12 CPs (MW)		(Note B)	10,562.8
10	Reserved			-
11	Reserved			-
12	Reserved			-
13	Reserved			-
14	Reserved			-
15	Reserved			-
16	Annual Network Rate (\$/MW/Yr) (line 7 / line 8)	Total		60,485.11
		Peak Rate		Off-Peak Rate
		Total		Total
17	Point-To-Point Rate (\$/MW/Year) (line 7 / line 9)	71,960.62		71,960.62
18	Point-To-Point Rate (\$/MW/Month) (line 17/12)	5,996.72		5,996.72
19	Point-To-Point Rate (\$/MW/Week) (line 17/52)	1,383.86		1,383.86
20	Point-To-Point Rate (\$/MW/Day) (line 19/5; line 19/7)	276.77		197.69
21	Point-To-Point Rate (\$/MWh) (line 17/4,160; line 17/8,760)	17.30		8.21

Formula Rate - Non-Levelized

Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2020

Line No.	(1)	(2) Form No. 1 Page, Line, Col.	(3) American Transmission Systems, Inc. Company Total	(4) Allocator	(5) Transmission (Col 3 times Col 4)
RATE BASE:					
GROSS PLANT IN SERVICE					
1	Production	205.46.g (Notes U & X)	-	NA	
2	Transmission	207.58.g (Notes U & X)	4,916,749,473	TP	1.00000 4,916,749,473
3	Distribution	207.75.g (Notes U & X)	-	NA	
4	General & Intangible	205.5.g & 207.99.g (Notes U & X)	278,189,487	W/S	1.00000 278,189,487
5	Common	356.1 (Notes U & X)	-	CE	1.00000 -
6	TOTAL GROSS PLANT (sum lines 1-5)		5,194,938,961	GP=	100.000% 5,194,938,961
ACCUMULATED DEPRECIATION					
7	Production	219.20-24.c (Notes U & X)	-	NA	
8	Transmission	219.25.c (Notes U & X)	1,084,555,817	TP	1.00000 1,084,555,817
9	Distribution	219.26.c (Notes U & X)	-	NA	
10	General & Intangible	200.21.c & 219.28.c (Notes U & X)	76,453,227	W/S	1.00000 76,453,227
11	Common	356.1 (Notes U & X)	-	CE	1.00000 -
12	TOTAL ACCUM. DEPRECIATION (sum lines 7-11)		1,161,009,044		1,161,009,044
NET PLANT IN SERVICE					
13	Production	(line 1 - line 7)	-		
14	Transmission	(line 2 - line 8)	3,832,193,657		3,832,193,657
15	Distribution	(line 3 - line 9)	-		
16	General & Intangible	(line 4 - line 10)	201,736,260		201,736,260
17	Common	(line 5 - line 11)	-		-
18	TOTAL NET PLANT (sum lines 13-17)		4,033,929,917	NP=	100.000% 4,033,929,917
ADJUSTMENTS TO RATE BASE (Note F)					
19	Account No. 281 (enter negative)	273.8.k	-	NA	
20	Account No. 282 (enter negative)	275.2.k	(916,768,026)	NP	1.00000 (916,768,026)
21	Account No. 283 (enter negative)	277.9.k	(90,253,135)	NP	1.00000 (90,253,135)
22	Account No. 190	234.8.c	168,815,771	NP	1.00000 168,815,771
23	Account No. 255 (enter negative)	267.8.h	-	NP	1.00000 -
23a	Unamortized Regulatory Asset	Appendices B, C, & F, Line 14, Column H (Notes X & EE)	-	DA	1.00000 -
24	TOTAL ADJUSTMENTS (sum lines 19- 23a)		(838,205,390)		(838,205,390)
25	LAND HELD FOR FUTURE USE	214.x.d (Notes G & Y)	-	TP	1.00000 -
WORKING CAPITAL (Note H)					
26	CWC	calculated	17,246,594		16,614,449
27	Materials & Supplies (Note G)	227.8.c & .16.c (Note Y)	698,861	TE	0.95359 666,425
28a	Prepayments (Account 165)	111.57.c (Notes Y & CC)	585,636	GP	1.00000 585,636
28b	Unfunded Reserve Plant-related (enter negative) (Acct Nos. 228.1-228.4, 242) (Notes Y & Z)		-	NP	1.00000 -
28c	Unfunded Reserve Labor-related (enter negative) (Acct Nos. 228.1-228.4, 242) (Notes Y & Z)		-	W/S	1.00000 -
29	TOTAL WORKING CAPITAL (sum lines 26 - 28c)		18,531,090		17,866,510
30	RATE BASE (sum lines 18, 24, 25, & 29)		3,214,255,617		3,213,591,037

Formula Rate - Non-Levelized

Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2020

Line No.	(1)	(2) Form No. 1 Page, Line, Col.	(3) Company Total	(4) Allocator	(5) Transmission (Col 3 times Col 4)
	O&M (Note DD)				
1	Transmission	321.112.b	108,796,341	TE	0.95359
1a	Less LSE Expenses Included in Transmission O&M Accounts (Note W)				1.00000
2	Less Account 565	321.96.b			1.00000
2a	Less Deferred Internal Integration Costs (Note C)			TE	0.95359
3	A&G	323.197.b (Note BB)	35,251,740	W/S	1.00000
4	Less FERC Annual Fees			W/S	1.00000
5	Less EPRI & Reg. Comm. Exp. & Non-safety Ad. (Note I)		166,052	W/S	1.00000
5a	Plus Transmission Related Reg. Comm. Exp. (Note I)		166,052	TE	0.95359
6	Common	356.1		CE	1.00000
6a	Amortization of Regulatory Asset	Appendices B, C, & F, Line 14, Column F (Note EE)	-	DA	1.00000
7	Transmission Lease Payments				1.00000
8	TOTAL O&M (sum lines 1, 3, 5a, 6, 6a, 7 less 1a, 2, 2a, 4, 5)		144,048,081		138,990,925
	DEPRECIATION AND AMORTIZATION EXPENSE				
9	Transmission	336.7.b (Note U)	117,470,051	TP	1.00000
10	General & Intangible	336.1.f & 336.10.f (Note U)	24,709,206	W/S	1.00000
11	Common	336.11.b (Note U)		CE	1.00000
12	TOTAL DEPRECIATION (sum lines 9 - 11)		142,179,257		142,179,257
	TAXES OTHER THAN INCOME TAXES (Note J)				
	LABOR RELATED				
13	Payroll	263.i	639,638	W/S	1.00000
14	Highway and vehicle	263.i	5,539	W/S	1.00000
15	PLANT RELATED				
16	Property	263.i	207,653,765	GP	1.00000
17	Gross Receipts	263.i	313,731	NA	-
18	Other	263.i	13,120	GP	1.00000
19	Payments in lieu of taxes		-	GP	1.00000
20	TOTAL OTHER TAXES (sum lines 13 - 19)		208,625,793		208,312,062
	INCOME TAXES (Note K)				
21	$T = 1 - \{[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)\} =$		22.66%		
22	$CIT = (T / (1 - T)) * (1 - (WCLTD / R)) =$		22.35%		
	where WCLTD=(page 4, line 27) and R=(page 4, line30) and FIT, SIT & p are as given in footnote K.				
23	$1 / (1 - T) =$ (from line 21)		1.2930		
24	Amortized Investment Tax Credit (266.8.f) (enter negative)		(521,952)		
25	Income Tax Calculation = line 22 * line 28		58,637,531	NA	58,625,407
26	ITC adjustment (line 23 * line 24)		(674,866)	NP	(674,866)
26a	Tax Effect of Permanent Differences and AFUDC Equity (App G, line 1, col 5) (Note FF)		85,618	DA	85,618
26b	(Excess)/Deficient Deferred Income Taxes (App G, lines 2 & 3, col 3) (Note GG)		-	DA	-
27	Total Income Taxes (sum lines 25 through 26b)		58,048,283		58,036,159
28	RETURN [Rate Base (page 2, line 30) * Rate of Return (page 4, line 30)]		262,396,034	NA	262,341,781
29	GROSS REV. REQUIREMENT (sum lines 8, 12, 20, 27, 28)		815,297,448		809,860,184

Formula Rate - Non-Levelized

Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2020

American Transmission Systems, Inc.

SUPPORTING CALCULATIONS AND NOTES

Line No.	(1)	(2)	(3)	(4)	(5)	(6)
TRANSMISSION PLANT INCLUDED IN ISO RATES						
1	Total transmission plant (page 2, line 2, column 3)					4,916,749,473
2	Less transmission plant excluded from ISO rates (Note M)					5,049,449
3	Less transmission plant included in OATT Ancillary Services (Note N)					
4	Transmission plant included in ISO rates (line 1 less lines 2 & 3)					4,916,749,473
5	Percentage of transmission plant included in ISO Rates (line 4 divided by line 1)				TP=	1.00000
TRANSMISSION EXPENSES						
6	Total transmission expenses (page 3, line 1, column 3)					108,796,341
7	Less transmission expenses included in OATT Ancillary Services (Note L)					5,049,449
8	Included transmission expenses (line 6 less line 7)					103,746,892
9	Percentage of transmission expenses after adjustment (line 8 divided by line 6)					0.95359
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=	0.95359
WAGES & SALARY ALLOCATOR (W&S)						
	Form 1 Reference		\$	TP	Allocation	
12	Production 354.20.b		-	0.00	-	
13	Transmission 354.21.b		-	1.00	-	
14	Distribution 354.23.b		-	0.00	-	W&S Allocator
15	Other 354.24,25,26.b		-	0.00	-	(\$ / Allocation)
16	Total (sum lines 12-15)		-		-	= 1.00000 = WS
COMMON PLANT ALLOCATOR (CE) (Note O)						
			\$		% Electric	W&S Allocator
17	Electric 200.3.c		5,099,527,811		(line 17 / line 20)	(line 16)
18	Gas 201.3.d		-		1.00000 *	1.00000
19	Water 201.3.e		-			=
20	Total (sum lines 17 - 19)		5,099,527,811			CE 1.00000
RETURN (R)						
						\$
21	Long Term Interest (117, sum of 62c through 67c) (Note AA)					62,921,425
22	Preferred Dividends (118.29c) (positive number)					
Development of Common Stock:						
23	Proprietary Capital (112.16c) (Note X)					1,949,215,203
24	Less Preferred Stock (line 28)					-
25	Less Account 216.1 (112.12c) (enter negative) (Note X)					-
26	Common Stock (sum lines 23-25)					1,949,215,203
			\$	%	Cost	Weighted
27	Long Term Debt (112, sum of 18 through 21) (Note X)		1,300,000,000	40%	0.0484	0.0194 =WCLTD
28	Preferred Stock (112.3d) (Note X)		-	0%	0.0000	0.0000
29	Common Stock (line 26)		1,949,215,203	60%	0.1038	0.0623
30	Total (sum lines 27-29)		3,249,215,203			0.0816 =R
REVENUE CREDITS						
ACCOUNT 447 (SALES FOR RESALE)						
31	a. Bundled Non-RQ Sales for Resale (311.x.h)	(310.311)	(Note Q)			-
32	b. Bundled Sales for Resale included in Divisor on page 1					-
33	Total of line 31 less line 32					-
34	ACCOUNT 451 (MISCELLANEOUS SERVICE REVENUE) (Note S)	(300.17.b)				56,109
35	ACCOUNT 454 (RENT FROM ELECTRIC PROPERTY) (Note R)	(300.19.b)				9,827,775
36	ACCOUNT 456 (OTHER ELECTRIC REVENUES) (Note V)	(330.x.n)				9,609,773

Formula Rate - Non-Levelized

Rate Formula Template
Utilizing FERC Form 1 Data

For the 12 months ended 12/31/2020

American Transmission Systems, Inc.

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.
- B Peak as would be reported on page 401, column d of Form 1 at the time of the zonal peak for the twelve month period ending October 31 of the calendar year used to calculate rates.
- C Amount shown in Exhibit No. FE-100, Page 29 of 33, for Deferred Internal Integration Costs.
- D Reserved
- E Reserved
- 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. Account 190 excludes any amounts relating to Charitable Contribution Limitations, Asset Retirement Obligations, and FAS 123 impacts related to Performance Shares and Restricted Stock Units. Accounts 282 and 283 exclude any amounts relating to AFUDC, offsets relating to Asset Retirement Obligations in Account 190, and offsets relating to Charitable Contribution Limitations in Account 190. Account 282 also excludes (i) Extraordinary Property Losses; and (ii) any Asset Impairment amounts incurred on or after January 1, 2015. For either (i) or (ii) above, ATSI is not precluded from requesting FERC approval through a section 205 filing for inclusion in the rate calculation.
- 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 8, column 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 5 - 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 5a - 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 26).
- | | | |
|------------------|-------|---|
| Inputs Required: | FIT = | 21.00% |
| | SIT = | 2.10% (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.
- 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 = long-term interest (line 21) / long term debt (line 27). Preferred cost rate = preferred dividends (line 22) / preferred outstanding (line 28). 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 approved by order dated October 29, 2015, in Docket No. ER15-303-000, ATSI's stated ROE is set to: (a) 12.38% through June 30, 2015; (b) 11.06% for the period July 1, 2015 through December 31, 2015; and (c) 10.38% for the period commencing January 1, 2016.
- Q Line 33 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 2a-4b 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 revenues on lines 5a-5d are supported by separate references for each item.
- U Plant in Service, Accumulated Depreciation, and Depreciation Expense amounts exclude Asset Retirement Obligation amounts unless authorized by FERC. Depreciation Rates: FERC Account 352 Depr %: 2.24%; FERC Account 353 Depr %: 2.06%; FERC Account 354 Depr %: 2.24%; FERC Account 355 Depr %: 3.09%; FERC Account 356 Depr %: 2.69%; FERC Account 357 Depr %: 2.00%; FERC Account 358 Depr %: 2.04%; FERC Account 359 Depr %: 1.33%. No change to these Depreciation Rates may be made absent a filing with FERC under Section 205 or Section 206 of the Federal Power Act.
- V On Line 36, 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 ATSI's zonal rates. Exclude non-firm Point-to-Point revenues, and revenues related to MTEP and RTEP projects. Include revenues and revenue adjustments associated with Docket EL02-111, and revenue credit adjustments related to ATSI's PJM integration as supported by Appendix G.
- 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 Only include from Account No. 242 amounts relating to Vacation Accruals and Employee Incentive Compensation.
- AA Short-term debt and related interest expense shall not be included in the formula rate calculation.
- BB A&G excludes any credit facility fees charged to Account 930.2. PBOP included in FERC Act. 926, as reported in FERC Form 1 page 323.187.b, is included in the Administrative & General Expenses input to Attachment H-21A, page 3 of 5, line 3. The total PBOP amount in FERC Act. 926 is \$0, per company records. No change to this PBOP amount may be made absent a filing with FERC under Section 205 or Section 206 of the Federal Power Act.
- CC Prepayments shall exclude prepayments of taxes attributable to time periods ending before the beginning of the time period for which the rate calculation is being made.
- DD ATSI will exclude (i) Extraordinary Property Losses; and (ii) any Asset Impairment amounts incurred on or after January 1, 2015. For either (i) or (ii) above, ATSI is not precluded from requesting FERC approval through a section 205 filing for inclusion in the rate calculation.
- EE Regulatory Assets include Vegetation Management from Appendix B-Veg, RTO Realignment Cost Adjustments ("RRCA") from Appendix C-RRCA, and Legacy MTEP Debts from Appendix F-MTEP Debts. Each regulatory asset amortization period is 10 years beginning January 1, 2021; this amortization will be in Account 407.3.
- FF 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.
- GG 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.

Schedule 1A Rate Calculation

1	\$ 5,049,449	Attachment H-21A, Page 4, Line 7
2	\$ 117,656	Revenue Credits for Sched 1A - Note A
3	\$ 4,931,793	Net Schedule 1A Expenses (Line 1 - Line 2)
4	63,551,706	Annual MWh in ATSI Zone - Note B
5	\$ 0.0776	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 ATSI's zone during the year used to calculate rates under Attachment H-21A.
- B Load expressed in MWh consistent with load used for billing under Schedule 1A for the ATSI zone. Data from RTO settlement systems for the calendar year prior to the rate year.

Vegetation Management Regulatory Asset
To be completed in conjunction with Attachment H-21A

[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]
<u>Monthly Balance</u>	<u>Source</u>	<u>Months Remaining in Amortization Period</u>	<u>Beginning Balance</u> (= prior month col [H])	<u>Amortization Expense</u> (= [E] / [D])	<u>Additions (Deductions)</u>	<u>Ending Balance</u> (= [E] - [F] + [G])	
1 December	2019 Form No. 1 p232	121					
2 January	2020 FERC Account 182.3	120	-	-	-	-	
3 February	2020 FERC Account 182.3	119	-	-	-	-	
4 March	2020 FERC Account 182.3	118	-	-	-	-	
5 April	2020 FERC Account 182.3	117	-	-	-	-	
6 May	2020 FERC Account 182.3	116	-	-	-	-	
7 June	2020 FERC Account 182.3	115	-	-	-	-	
8 July	2020 FERC Account 182.3	114	-	-	-	-	
9 August	2020 FERC Account 182.3	113	-	-	-	-	
10 September	2020 FERC Account 182.3	112	-	-	-	-	
11 October	2020 FERC Account 182.3	111	-	-	-	-	
12 November	2020 FERC Account 182.3	110	-	-	-	-	
13 December	2020 Form No. 1 p232 and company records	109	-	-	-	-	
14			Total =	-	13-mos. Avg =	-	
15			(sum lines 2-13)		(sum lines 1-13) / 13		
16			Input to Attachment H-21A:	page 3 of 5, line 6a		page 2 of 5, line 23a	

RTO Realignment Cost Adjustment ("RRCA")
To be completed in conjunction with Attachment H-21A

[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]
<u>Monthly Balance</u>	<u>Source</u>	<u>Months Remaining in Amortization Period</u>	<u>Beginning Balance</u> (= prior month col [H])	<u>Amortization Expense</u> (= [E] / [D])	<u>Additions (Deductions)</u>	<u>Ending Balance</u> (= [E] - [F] + [G])	
1 December	2019 Form No. 1 p232	121					
2 January	2020 FERC Account 182.3	120	-	-	-	-	
3 February	2020 FERC Account 182.3	119	-	-	-	-	
4 March	2020 FERC Account 182.3	118	-	-	-	-	
5 April	2020 FERC Account 182.3	117	-	-	-	-	
6 May	2020 FERC Account 182.3	116	-	-	-	-	
7 June	2020 FERC Account 182.3	115	-	-	-	-	
8 July	2020 FERC Account 182.3	114	-	-	-	-	
9 August	2020 FERC Account 182.3	113	-	-	-	-	
10 September	2020 FERC Account 182.3	112	-	-	-	-	
11 October	2020 FERC Account 182.3	111	-	-	-	-	
12 November	2020 FERC Account 182.3	110	-	-	-	-	
13 December	2020 Form No. 1 p232 and company records	109	-	-	-	-	
14			Total =	-	13-mos. Avg =	-	
15			(sum lines 2-13)		(sum lines 1-13) / 13		
16			Input to Attachment H-21A:	page 3 of 5, line 6a		page 2 of 5, line 23a	

Transmission Enhancement Credit
To be completed in conjunction with Attachment H-21A

Line No.	(1)	(2)	(3)	(4)
		Reference	Transmission	Allocator
1	Gross Transmission Plant - Total	Attach. H-21A, p. 2, line 2, col. 5 (Note A)	\$ 4,916,749,473	
2	Net Transmission Plant - Total	Attach. H-21A, p. 2, line 14, col. 5 (Note B)	\$ 3,832,193,657	
O&M EXPENSE				
3	Total O&M Allocated to Transmission	Attach. H-21A, p. 3, line 8, col. 5	\$ 138,990,925	
4	Annual Allocation Factor for O&M	(line 3 divided by line 1, col. 3)	2.826886%	2.826886%
TAXES OTHER THAN INCOME TAXES				
5	Total Other Taxes	Attach. H-21A, p. 3, line 20, col. 5	\$ 208,312,062	
6	Annual Allocation Factor for Other Taxes	(line 5 divided by line 1, col. 3)	4.236784%	4.236784%
7	Annual Allocation Factor for Expense	Sum of line 4 and 6		7.063671%
INCOME TAXES				
8	Total Income Taxes	Attach. H-21A, p. 3, line 27, col. 5	\$ 58,036,159	
9	Annual Allocation Factor for Income Taxes	(line 8 divided by line 2, col. 3)	1.514437%	1.514437%
RETURN				
10	Return on Rate Base	Attach. H-21A, p. 3, line 28, col. 5	\$ 262,341,781	
11	Annual Allocation Factor for Return on Rate Base	(line 10 divided by line 2, col. 3)	6.845734%	6.845734%
12	Annual Allocation Factor for Return	Sum of line 9 and 11		8.360171%

Transmission Enhancement Credit
 To be completed in conjunction with Attachment H-21A

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
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	True-up Adjustment	Annual Revenue Requirement with True-up
		(Note C)	(Page 1, line 7)	(Col. 3 * Col. 4)	(Note D)	(Page 1, line 12)	(Col. 6 * Col. 7)	(Note E)	(Sum Col. 5, 8, & 9)	(Appendix D-True-up Col. i)	(Sum Col. 10 & 11)	(Note F)
1a	New Mansfield 69kV Switching Station	b1587	\$ 11,505,891	7.063671%	\$ 812,738.21	\$ 10,296,548	8.360171%	\$ 860,808.97	\$ 295,885	\$ 1,969,433		\$ 1,969,433
1b	Re-conductor Galois-OM Mansfield-Ontario-Cains	b1920	\$ 18,619,979	7.063671%	\$ 1,315,253.96	\$ 15,305,307	8.360171%	\$ 1,279,549.86	\$ 524,637	\$ 3,119,440		\$ 3,119,440
1c	New Toronto Substation looping in Summis-Wyde Ridge	b1977	\$ 37,098,625	7.063671%	\$ 2,620,524.66	\$ 32,229,279	8.360171%	\$ 2,694,422.78	\$ 884,119	\$ 6,199,066		\$ 6,199,066
1d	West Fremont - Croton - Hayes 138 kV line	b1959	\$ 84,399,706	7.063671%	\$ 5,961,717.19	\$ 79,320,279	8.360171%	\$ 6,631,310.88	\$ 2,411,487	\$ 15,004,515		\$ 15,004,515
1e	McDowell-Campbell - Construct approximately 5.5 miles of 138 kV line	b2124.4	\$ 8,730,750	7.063671%	\$ 616,711.39	\$ 7,476,538	8.360171%	\$ 625,051.38	\$ 267,056	\$ 1,508,819		\$ 1,508,819
1f	McDowell Substation - Add a new 138 kV line exit	b2124.1	\$ 2,764,577	7.063671%	\$ 195,280.63	\$ 2,529,692	8.360171%	\$ 211,486.60	\$ 56,961	\$ 463,729		\$ 463,729
1g	Campbell Substation - Connect a 138 kV ring bus and install a 138/69 kV autotransformer	b2124.2	\$ 6,181,706	7.063671%	\$ 436,655.37	\$ 5,619,056	8.360171%	\$ 460,762.69	\$ 131,151	\$ 1,037,569		\$ 1,037,569
1h	Lakeland/Monroe 34kV Re-conductor	b2972	\$ 3,804,364	7.063671%	\$ 268,727.75	\$ 3,746,531	8.360171%	\$ 313,216.39	\$ 102,157	\$ 684,101		\$ 684,101
2	Transmission Enhancement Credit for Attachment H-21A Page 1, Line 5d									29,986,672		

Notes

- A Gross Transmission Plant is that identified on page 2 line 2 of Attachment H-21A.
- B Net Transmission Plant is that identified on page 2 line 14 of Attachment H-21A.
- 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-21A page 3 line 12.
- F PJM will bill these amounts through Schedule 12 charges.

Transmission Enhancement Credit - True-up
To be completed after Appendix D for the True-up Year is updated using actual data

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	
Line No.	Project Name	RTEP Project Number	Actual Appendix D Revenues	Actual Appendix D Revenues		Actual Annual Revenue Requirement	True-up Adjustment Principal Under/(Over)	Applicable Interest on Under/(Over)	True-up Adjustment with Interest Under/(Over)
				Projected Annual Revenue Requirement	Allocated to Projects				
				Projected Appendix D p 2 of 2, col. 12	[Col. e, line 1 * (Col. d, line 2x / Col. d, line 3)]	Actual Appendix D p 2 of 2, col. 12	Col. f - Col. e	Col. g * [(line 4a / line 4b) - 1]	Col. g + Col. H
1	[A] Actual PJM TEC Revenues for True-up Year		\$ 29,552,680						
2a	New Mansfield 69kV Switching Station	b1587	\$ 2,018,065	\$ 1,605,460	\$ 1,955,561	\$ 350,101	\$ 28,262	\$ 378,363	
2b	Re-conductor Galion-GM Mansfield-Ontario-Cairns	b1920	\$ 2,915,586	\$ 2,319,477	\$ 3,096,970	\$ 777,493	\$ 62,764	\$ 840,257	
2c	New Toronto Substation looping in Sammis-Wylie Ridge	b1977	\$ 4,578,184	\$ 3,642,148	\$ 6,154,232	\$ 2,512,084	\$ 202,791	\$ 2,714,876	
2d	West Fremont - Grotton - Hayes 138 kV line	b1959	\$ 20,219,729	\$ 16,085,689	\$ 14,902,981	\$ (1,182,707)	\$ (95,476)	\$ (1,278,183)	
2e	McDowell-Campbell - Construct approximately 5.5 miles of 138 kV line	b2124.4	\$ 3,719,749	\$ 2,959,225	\$ 1,498,223	\$ (1,461,002)	\$ (117,941)	\$ (1,578,943)	
2f	McDowell Substation - Add a new 138 kV line exit	b2124.1	\$ 957,846	\$ 762,009	\$ 460,398	\$ (301,611)	\$ (24,348)	\$ (325,959)	
2g	Campbell Substation - Construct a 138 kV ring bus and install a 138/69 kV autotransformer	b2124.2	\$ 2,175,353	\$ 1,730,589	\$ 1,030,113	\$ (700,476)	\$ (56,547)	\$ (757,023)	
2h	Lallendorf-Monroe 345kV-Reconductor	b2972	\$ 563,241	\$ 448,083	\$ 683,708	\$ 235,625	\$ 19,021	\$ 254,646	
3	Subtotal			37,147,752	29,552,680	29,782,186			
4a	Revenue Requirement True-up with Interest (Appendix H)						(17,763,186)		
4b	Revenue Requirement True-up - Over/Under Recovery (Appendix H)						(16,436,342)		

NOTE
[A] Amount included in revenues reported on page 330, column k of FERC Form 1.

Legacy MTEP Credit Calculation
To be completed in conjunction with Attachment H-21A

Line No.	(1)	(2)	(3)	(4)
		Reference	Transmission	Allocator
1	Gross Transmission Plant - Total	Attach. H-21A, p. 2, line 2, col. 5 (Note A)	\$ 4,916,749,473	
2	Net Transmission Plant - Total	Attach. H-21A, p. 2, line 14, col. 5 (Note B)	\$ 3,832,193,657	
O&M EXPENSE				
3	Total O&M Allocated to Transmission	Attach. H-21A, p. 3, line 8, col. 5	\$ 138,990,925	
4	Annual Allocation Factor for O&M	(line 3 divided by line 1, col. 3)	2.826886%	2.826886%
TAXES OTHER THAN INCOME TAXES				
5	Total Other Taxes	Attach. H-21A, p. 3, line 20, col. 5	\$ 208,312,062	
6	Annual Allocation Factor for Other Taxes	(line 5 divided by line 1, col. 3)	4.236784%	4.236784%
7	Annual Allocation Factor for Expense	Sum of line 4 and 6		7.063671%
INCOME TAXES				
8	Total Income Taxes	Attach. H-21A, p. 3, line 27, col. 5	\$ 58,036,159	
9	Annual Allocation Factor for Income Taxes	(line 8 divided by line 2, col. 3)	1.514437%	1.514437%
RETURN				
10	Return on Rate Base	Attach. H-21A, p. 3, line 28, col. 5	\$ 262,341,781	
11	Annual Allocation Factor for Return on Rate Base	(line 10 divided by line 2, col. 3)	6.845734%	6.845734%
12	Annual Allocation Factor for Return	Sum of line 9 and 11		8.360171%

Legacy MTEP Credit Calculation
To be completed in conjunction with Attachment H-21A

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
Line No.	Project Name	MTEP Project Number	Project Gross Plant	Annual Allocation Factor for Expense	Annual Expense Charge	Project Net Plant	Annual Return Charge	Project Depreciation Expense	Annual Revenue Requirement	ATSI Zone Share	MISO Share of Annual Revenue Requirement	True-up Adjustment	MISO Share of Annual Revenue Requirement with True-up	
		(Note C)	(Page 1, line 7)		(Col. 3 * Col. 4)	(Note D)	(Page 1, line 12)	(Col. 6 * Col. 7)	(Note E)	(Sum Col. 5, 8 & 9)	(Note F)	Col. 10*(1-Col. 11) (Note G)	(Appendix E- True-up Col. i)	(Sum Col. 12 & 13) (Note H)
1a	North Medina 345/138 kV Substation	890	\$ 10,408,158	7.063671%	\$735,198	\$ 7,812,098	8.360171%	\$653,105	\$ 226,730	\$ 1,615,033	92.780000%	\$ 116,605	\$116,605	
1b	Capacitor Banks at Harding and Juniper 345 kV	1326	\$ 5,921,471	7.063671%	\$418,273	\$ 4,444,305	8.360171%	\$371,551	\$ 122,444	\$ 912,269	82.580000%	\$ 158,917	\$158,917	
2	Annual Totals												\$ 275,523	
3	Legacy MTEP Credit for Attachment H-21A Page 1, Line 5a											\$	275,523	

Note Letter

- A Gross Transmission Plant is that identified on page 2 line 2 of Attachment H-21A and includes any sub lines 2a or 2b etc. and is inclusive of any CWIP included in rate base when authorized by FERC order.
- B Net Transmission Plant is that identified on page 2 line 14 of Attachment H-21A and includes any sub lines 14a or 14b etc. and is inclusive of any CWIP included in rate base when authorized by FERC order.
- C
- D 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 and includes CWIP in rate base if applicable. This value includes subsequent capital investments required to maintain the project in-service.
- E Project Net Plant is the Project Gross Plant Identified in Column 3 less the associated Accumulated Depreciation.
- F Project Depreciation Expense is the actual value booked for the project and included in the Depreciation Expense in Attachment H-21A page 3 line 12.
- G ATSI Zone allocation from the Midwest ISO MTEP report when the project was approved.
- H MISO Share is the value to be included as a credit in Attachment H-21A page 1, line 5a.
- I The Midwest ISO will recover this amount in MTEP-related charges applicable to Midwest ISO zones.

Legacy MTEP Credit Calculation - True-up
To be completed after Appendix E for the True-up Year is updated using actual data

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	
Line No.	Project Name	MTEP Project Number	Actual Appendix E Revenues	Projected Annual Revenue Requirement	Actual Appendix E Revenues Allocated to Projects	Actual Annual Revenue Requirement	True-up Adjustment Principal Under/(Over)	Applicable Interest Rate on Under/(Over)	True-up Adjustment Interest Under/(Over)
				Projected Appendix E p 2 of 2, col. 14	[Col. c, line 1 * (Col. d, line 2x / Col. d, line 3)]	Actual Appendix E p 2 of 2, col. 14	Col. f - Col. e	Col. g * [(line 4a / line 4b) - 1]	Col. g + Col. h
1	[A] Actual MTEP Credit Revenues for True-up Year		267,527						
2a	North Medina 345/138 kV Substation	890		112,457	113,339	115,699	2,361	191	2,551
2b	Capacitor Banks at Harding and Juniper 345 kV	1326		152,989	154,188	157,668	3,480	281	3,761
3	Subtotal			265,446	267,527	273,368			
4a	Revenue Requirement True-up with Interest (Appendix H)						(17,763,186)		
4b	Revenue Requirement True-up - Over/Under Recovery (Appendix H)						(16,436,342)		

NOTE

[A] Amount included in revenues reported on page 330, column k of FERC Form 1.

Legacy MTEP Debit Calculation
To be completed in conjunction with Attachment H-21A

[A]	[B]	[C]	[D]	[E]	[F]	[G]	[H]
<u>Monthly Balance</u>	<u>Source</u>	<u>Months Remaining in Amortization Period</u>	<u>Beginning Balance</u> (= prior month col [H])	<u>Amortization Expense</u> (= [E] / [D])	<u>Additions (Deductions)</u>	<u>Ending Balance</u> (= [E] - [F] + [G])	
1 December	2019 Form No. 1 p232	121					
2 January	2020 FERC Account 182.3	120	-	-	-	-	
3 February	2020 FERC Account 182.3	119	-	-	-	-	
4 March	2020 FERC Account 182.3	118	-	-	-	-	
5 April	2020 FERC Account 182.3	117	-	-	-	-	
6 May	2020 FERC Account 182.3	116	-	-	-	-	
7 June	2020 FERC Account 182.3	115	-	-	-	-	
8 July	2020 FERC Account 182.3	114	-	-	-	-	
9 August	2020 FERC Account 182.3	113	-	-	-	-	
10 September	2020 FERC Account 182.3	112	-	-	-	-	
11 October	2020 FERC Account 182.3	111	-	-	-	-	
12 November	2020 FERC Account 182.3	110	-	-	-	-	
13 December	2020 Form No. 1 p232 and company records	109	-	-	-	-	
14			Total =	-	13-mos. Avg =	-	
15			(sum lines 2-13)		(sum lines 1-13) / 13		
16			Input to Attachment H-21A:	page 3 of 5, line 6a		page 2 of 5, line 23a	

Income Tax Adjustments
To be completed in conjunction with Attachment H-21A

[1]	[2] <u>Source</u>	[3] <u>Balance</u> December 31, 2020	[4] <u>Gross-up Tax Rate</u> <u>from Att H-21A</u> <u>page 3 of 5, line 23</u>	[5] <u>Tax Effect, including</u> <u>Gross-up, Permanent Diff</u> <u>and AFUDC Equity</u> (= Col. [3] * [4]) [D]
1	Permanent Differences & AFUDC Equity	[C] 66,218	129.30%	85,618
2	Amortized Excess Deferred Taxes (enter negative)	-	n/a	n/a
3	Amortized Deficient Deferred Taxes	-	n/a	n/a

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. The balance located within Column 3, line 2 and line 3, is the net impact of excess deferred and deficient amortization.
- [C] Amounts from lines 2 and 3 included on Attachment H-21A, page 3 of 5, line 26b.
- [D] Amount from line 1 included on Attachment H-21A, page 3 of 5, line 26a.

Income Tax Adjustments Worksheet
 To be completed in conjunction with Attachment H-21A

COLUMN A		COLUMN B	COLUMN C	COLUMN D	COLUMN E	COLUMN F	COLUMN G	COLUMN H
Line No.	Description	(Excess)/Deficient ADIT Transmission - Beg Balance of Year (Note B)	Current Period Other Activity (Note C)	Amortization Period (Note D)	Years Remaining at Year End	Amortization (Note E)	(Excess)/Deficient ADIT Transmission - Ending Balance of Year (Note F) (Col. B + Col. C) - Col. F	Protected (P) Non-Protected (N)
Non-property (Note A):								
1	Account 190							
1a	Accum Prov For Inj and Damage-Gen Liability						-	
1b	Charitable Cont Carryfwd State RTA						-	
1c	Charitable Contribution State & Local RTA						-	
1d	Federal Long Term NOL - Protected						-	
1e	Federal Long Term NOL - Unprotected						-	
1f	ITC FAS 109 - FE						-	
1g	NOL Deferred Tax Asset - LT OH Local DIT						-	
1h	NOL Deferred Tax Asset - LT PA						-	
1i	NOL Deferred Tax Asset - LT WV						-	
1j	Pension/OPEB - Other Def Cr. or Dr.						-	
1k	PJM Payable						-	
1l	PJM Receivable						-	
1m	Qualified Asset Adjustment - Local						-	
2	Account 282							
2a	N/A						-	
3	Account 283							
3a	Deferred Charge-EIB						-	
3b	FE Service Tax Interest Allocation						-	
3c	FE Service Timing Allocation						-	
3d	MISO Exit Fees Deferral						-	
3e	Qualified Asset Adjustment - Local - Val Allow						-	
3f	RTO Study Deferral						-	
3g	State Income Tax Deductible						-	
3h	Valuation Allowance NOL WV						-	
3i	Vegetation Management						-	
4	Non-property gross up for Taxes						-	
5	Total Non-Property						-	

Line No.	Description	(Excess)/Deficient ADIT Transmission - Beginning Balance of Year (Note B)	Current Period Other Activity (Note C)	Amortization Period (Note D)	Years Remaining at Year End	Amortization (Note E)	(Excess)/Deficient ADIT Transmission - Ending Balance of Year (Note F) (Col. B + Col. C) - Col. F	Protected (P) Non-Protected (N)
Property (Note A):								
6	Property Book-Tax Timing Difference - Account 190			ARAM	ARAM		-	
7	Property Book-Tax Timing Difference - Account 282			ARAM	ARAM		-	
8	Property Book-Tax Timing Difference - Account 283			ARAM	ARAM		-	
9	Property Gross up for Taxes						-	
10	Total Property (Total of lines 6 thru 9)						-	
11	Deferral of Amortized Excess/Deficient ADITs (Note G)							
12	Total Non-Property & Property Amortization, including gross up for taxes (Total of lines 5, 10, and 11)							

Notes:

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

True-up with Interest

2020 Revenue Requirement Collected by PJM Based on Forecast filed on Oct 15, 2019	-	Reconciliation Revenue Requirement For Year 2020 Available May 3, 2021	=	True-up Adjustment - Over (Under) Recovery
\$738,349,723		\$754,786,065		\$ (16,436,342)

	Over (Under) Recovery Plus Interest	Average Monthly Interest Rate	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed
Interest Rate on Amount of Refunds or Surcharges (Note 1)		0.3145%				

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

Calculation of Interest

		Over (Under) Recovery Plus Interest	Average Monthly Interest Rate	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed
Monthly							
January	Year 2020	(1,369,695)	0.3145%	12	51,692		1,421,387
February	Year 2020	(1,369,695)	0.3145%	11	47,385		1,417,080
March	Year 2020	(1,369,695)	0.3145%	10	43,077		1,412,772
April	Year 2020	(1,369,695)	0.3145%	9	38,769		1,408,464
May	Year 2020	(1,369,695)	0.3145%	8	34,462		1,404,157
June	Year 2020	(1,369,695)	0.3145%	7	30,154		1,399,849
July	Year 2020	(1,369,695)	0.3145%	6	25,846		1,395,541
August	Year 2020	(1,369,695)	0.3145%	5	21,538		1,391,234
September	Year 2020	(1,369,695)	0.3145%	4	17,231		1,386,926
October	Year 2020	(1,369,695)	0.3145%	3	12,923		1,382,618
November	Year 2020	(1,369,695)	0.3145%	2	8,615		1,378,311
December	Year 2020	(1,369,695)	0.3145%	1	4,308		1,374,003
					336,000		16,772,341
Annual							
January through December	Year 2021	16,772,341	0.3145%	12	632,988		17,405,330

Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months

		Over (Under) Recovery Plus Interest	Average Monthly Interest Rate	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed
Monthly							
January	Year 2022	(17,405,330)	0.3145%		54,740	(1,480,266)	15,979,804
February	Year 2022	(15,979,804)	0.3145%		50,256	(1,480,266)	14,549,795
March	Year 2022	(14,549,795)	0.3145%		45,759	(1,480,266)	13,115,288
April	Year 2022	(13,115,288)	0.3145%		41,248	(1,480,266)	11,676,270
May	Year 2022	(11,676,270)	0.3145%		36,722	(1,480,266)	10,232,727
June	Year 2022	(10,232,727)	0.3145%		32,182	(1,480,266)	8,784,643
July	Year 2022	(8,784,643)	0.3145%		27,628	(1,480,266)	7,332,005
August	Year 2022	(7,332,005)	0.3145%		23,059	(1,480,266)	5,874,799
September	Year 2022	(5,874,799)	0.3145%		18,476	(1,480,266)	4,413,010
October	Year 2022	(4,413,010)	0.3145%		13,879	(1,480,266)	2,946,623
November	Year 2022	(2,946,623)	0.3145%		9,267	(1,480,266)	1,475,625
December	Year 2022	(1,475,625)	0.3145%		4,641	(1,480,266)	0
					357,857		

True-Up with Interest	\$ 17,763,186
Less Over (Under) Recovery	<u>\$ (16,436,342)</u>
Total Interest	\$ 1,326,845

Note 1 Interest Rate on Amount of Refunds or Surcharges is the monthly average interest rate calculated in accordance with paragraph VII.A(ii) of Attachment H-21B (the Formula Rate Protocols).

WP01 Plant

		Production	Transmission	Distribution	General	Intangible	Common	Total
	[A]	205.46.g	207.58.g	207.75.g	207.99.g	205.5.g	356.1	
1	December	2019	4,773,982,638		183,277,031	94,665,696		5,051,925,365
2	January	2020	4,789,937,549		178,864,106	95,660,609		5,064,462,263
3	February	2020	4,810,246,137		180,546,584	95,722,927		5,086,515,648
4	March	2020	4,825,973,756		180,491,527	95,974,765		5,102,440,047
5	April	2020	4,858,882,811		178,771,180	96,195,837		5,133,849,828
6	May	2020	4,922,765,461		177,692,051	96,554,932		5,197,012,444
7	June	2020	4,951,440,665		179,293,127	97,807,342		5,228,541,134
8	July	2020	4,973,335,158		174,725,139	97,501,493		5,245,561,790
9	August	2020	4,971,886,146		180,219,338	97,412,399		5,249,517,882
10	September	2020	4,982,749,466		181,896,381	97,404,634		5,262,050,480
11	October	2020	5,001,037,840		183,465,504	98,822,179		5,283,325,522
12	November	2020	5,011,542,216		185,022,669	98,046,232		5,294,611,116
13	December	2020	5,067,768,207		188,005,929	102,423,731		5,358,197,867
14	13-month Average	-	4,918,580,619	-	180,943,889	97,245,598	-	5,196,770,107

Asset Retirement Cost for Transmission Plant			
Transmission			
	[A]	207.57.g	
15	December	2019	1,831,146
16	January	2020	1,831,146
17	February	2020	1,831,146
18	March	2020	1,831,146
19	April	2020	1,831,146
20	May	2020	1,831,146
21	June	2020	1,831,146
22	July	2020	1,831,146
23	August	2020	1,831,146
24	September	2020	1,831,146
25	October	2020	1,831,146
26	November	2020	1,831,146
27	December	2020	1,831,146
28	13-month Average		1,831,146

Notes:

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

WP02 Accum Depr

		Production	Transmission	Distribution	General	Intangible	Common	Total
	[A]	219.20-24.c	219.25.c	219.26.c	219.28.c	200.21.c	356.1	
1	December	2019	1,055,583,611		31,680,941	33,007,983		1,120,272,535
2	January	2020	1,061,096,465		32,578,136	34,126,766		1,127,801,367
3	February	2020	1,066,744,941		33,482,947	35,274,109		1,135,501,997
4	March	2020	1,072,992,713		34,391,473	36,424,242		1,143,808,428
5	April	2020	1,075,711,142		35,296,386	37,578,119		1,148,585,646
6	May	2020	1,080,681,591		36,195,492	38,736,568		1,155,613,651
7	June	2020	1,085,787,041		37,095,470	39,905,648		1,162,788,159
8	July	2020	1,090,690,947		36,593,069	41,039,276		1,168,323,292
9	August	2020	1,089,576,109		37,486,340	42,186,427		1,169,248,876
10	September	2020	1,099,413,593		38,400,392	43,315,269		1,181,129,254
11	October	2020	1,105,828,750		39,793,391	44,474,456		1,190,096,597
12	November	2020	1,112,777,412		40,725,245	45,636,660		1,199,139,316
13	December	2020	1,126,097,332		41,670,449	46,796,704		1,214,564,484
14	13-month Average	-	1,086,383,204	-	36,568,441	39,884,787	-	1,162,836,431

Reserve for Depreciation of Asset Retirement Costs		
Transmission		
	[A]	Company Records
15	December 2019	1,827,167
16	January 2020	1,827,204
17	February 2020	1,827,240
18	March 2020	1,827,277
19	April 2020	1,827,314
20	May 2020	1,827,350
21	June 2020	1,827,387
22	July 2020	1,827,424
23	August 2020	1,827,460
24	September 2020	1,827,497
25	October 2020	1,827,534
26	November 2020	1,827,570
27	December 2020	1,827,607
28	13-month Average	1,827,387

Notes:

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

WP03 ADIT

		Acct. No. 281	Acct. No. 282	Acct. No. 283	Acct. No. 190	Acct. No. 255	
	[A]	273.8.k	275.2.k	277.9.k	234.8.c	267.h	
1 December 31	2020	-	671,087,750	107,192,277	230,466,656	-	(547,813,371)

Values from line 1 adjusted per Notes.							
Adjusted values for input to Attachment H-21A, Page 2, Lines 19-23							
		(enter negative)	(enter negative)	(enter negative)	(enter negative)		Total
			[B]	[C]	[D]	[E]	
2 December 31	2020	-	(916,768,026)	(90,253,135)	168,815,771	-	(838,205,390)
3 Ending Balance		-	(916,768,026)	(90,253,135)	168,815,771	-	(838,205,390)

Notes:

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

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

	FAS 143 - ARO (Acct 190 Offset)	Charitable Contr. Limit (Acct 190 Offset)	Asset Impairment	FAS 106	Contribution In Aid of Construction	FAS 109 (include AFUDC- related)	Extraordinary Prop. Losses	FAS123R	Normalization
2020		1,290				(271,909,598)		407	26,227,625

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

	FAS 143 - ARO (Acct 190 Offset)	Charitable Contr. Limit (Acct 190 Offset)	FAS 106	Contribution In Aid of Construction	FAS 109 (include AFUDC- related)	Normalization
2020				7,562,282.00	9,190,737	186,123

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

	FAS 143 - ARO	Charitable Contr. Limit	FAS 123R	FAS 106	Contribution In Aid of Construction	FAS 109 (include AFUDC- related)	Normalization
2020	537,307	43			15,466,049	45,764,637	(117,152)

[E] Based on prior elections and IRS rulings, the 3% Investment Tax Credit ("ITC") and the 4% ITC may be used to reduce rate base as well as utilizing amortization of the tax credits against taxable income.

As a result, only the 3% and 4% values in FERC Form 1 column (h) on page 267 should be reported under Acct. No. 255.

WP04 Other RB

		Land Held for Future Use	Materials & Supplies	Prepayments (Account 165)	Total
	[A]	214.x.d	227.8.c & .16.c	111.57.c	
1	December 31 2019	-	727,423	267,323	994,746
2	December 31 2020	-	670,298	903,949	1,574,247
3	Begin/End Average	-	698,861	585,636	1,284,497

Unfunded Reserve - Plant Related						Total
FERC Acct No.		228.1	228.2	228.3	228.4	242
	[A]	112.27.c	112.28.c	112.29.c	112.30.c	[B]
4	December 31 2019	-	-	-	-	-
5	December 31 2020	-	-	-	-	-
6	Begin/End Average	-	-	-	-	-

Unfunded Reserve - Labor Related						Total
FERC Acct No.		228.1	228.2	228.3	228.4	242
	[A]	112.27.c	112.28.c	112.29.c	112.30.c	[B]
7	December 31 2019	-	-	-	-	-
8	December 31 2020	-	-	-	-	-
9	Begin/End Average	-	-	-	-	-

Notes:

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

[B] Amount shall be only such portion of the value shown on line 113.48.c of the FERC Form No. 1 that, based on an analysis of company books, is determined to be attributable to Vacation Accruals and Employee Incentive Compensation.

WP05 Other Tax

[A]

1	Payroll Taxes		
2	FICA	263.i	639,638
3		263.i	
4		263.i	
	Payroll Taxes Total		639,638
5	Highway and Vehicle Taxes		
6	Federal Heavy Vehicle Use and Excise Tax	263.i	5,539
	Highway and Vehicle Taxes		5,539
7	Property Taxes		
8	Ohio Property Tax	263.i	207,607,050
9	Pennsylvania Local Realty Tax	263.i	41,626
10	WV Local Property Tax	263.i	5,089
	Property Taxes		207,653,765
11	Gross Receipts Tax		
12	Gross Receipts Tax	263.i	313,731
	Gross Receipts Tax		313,731
13	Other Taxes		
14	Sales & Use Tax	263.i	84
15	Ohio CAT Tax	263.i	13,036
16		263.i	
	Other Taxes		13,120
17	Payments in lieu of taxes		-

Notes:

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

WP06 Cap Structure

		(1)	(2)	(3)	(4)	(5)
		Proprietary	Preferred Stock	Account 216.1	Common Stock	Long Term Debt
		Capital				
	[A]	112.16.c	112.3.d	112.12.c	(1) - (2) - (3)	112.18-21
1	December 2019	1,972,349,239			1,972,349,239	1,300,000,000
2	January 2020	1,990,253,088			1,990,253,088	1,300,000,000
3	February 2020	2,007,572,198			2,007,572,198	1,300,000,000
4	March 2020	1,994,454,187			1,994,454,187	1,300,000,000
5	April 2020	2,012,983,988			2,012,983,988	1,300,000,000
6	May 2020	2,032,272,020			2,032,272,020	1,300,000,000
7	June 2020	1,956,952,747			1,956,952,747	1,300,000,000
8	July 2020	1,974,941,034			1,974,941,034	1,300,000,000
9	August 2020	1,992,767,042			1,992,767,042	1,300,000,000
10	September 2020	1,824,695,560			1,824,695,560	1,300,000,000
11	October 2020	1,842,094,154			1,842,094,154	1,300,000,000
12	November 2020	1,859,612,442			1,859,612,442	1,300,000,000
13	December 2020	1,878,849,935			1,878,849,935	1,300,000,000
14	13-month Average	1,949,215,203	-	-	1,949,215,203	1,300,000,000

Notes:

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

WP07 Stated-value Inputs

Formula Rate Protocols

Section VIII.A

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

Per the Settlement Agreement approved by order dated July 20, 2015, in Docket No. ER15-303-000, ATSI's stated ROE is set to: (a) 12.38% through June 30, 2015; (b) 11.06% for the period July 1, 2015 through December 31, 2015; and (c) 10.38% for the period commencing January 1, 2016.

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

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

PBOP included in FERC Acct. No. 926, as reported in FERC Form 1 page 323.187.b, is included in the Administrative & General Expenses input to Attachment H-21A, page 3 of 5, line 3. The total PBOP amount in FERC Acct. No. 926 is \$0, per company records.

3. Depreciation Rates

FERC Account	Depr %
352	2.24%
353	2.06%
354	2.24%
355	3.09%
356	2.69%
357	2.00%
358	2.04%
359	1.33%

WP08 Tax Rates

Federal Income Tax Rate

Nominal Federal Income Tax Rate 21.00%
(entered on Att H-21A,
page 5 of 5, Note K)

State Income Tax Rate

	Ohio Municipality	Pennsylvania	West Virginia	Combined Rate (entered on Att H-21A, page 5 of 5, Note K)
Nominal State Income Tax Rate	2.09%	9.99%	6.50%	
Times Apportionment Percentage	65.27%	7.33%	0.02%	
Combined State Income Tax Rate	1.366%	0.733%	0.001%	2.099%