For Twelve Months Ended 2023

AEPTCo subsidiaries in PJM
Transmission Cost of Service Formula Rate
Utilizing Actual/Projected FERC Form 1 Data

AEP Appalachian Transmission Company

Line No.			Total	Allocator		Transmission Amount
1	REVENUE REQUIREMENT (w/o incentives)	(ln 113)				$14,434,489
2	REVENUE CREDITS	(Worksheet E, ln 8) (Note A)	-	DA	1.00000	$ -
3	Facility Credits under PJM OATT Section 30.9	Worksheet E, ln 9) (Note X)				0
4	REVENUE REQUIREMENT For All Company Facilities	(ln 1 less ln 2 plus ln 3)				$ 14,434,489

MEMO: The Carrying Charge Calculations on lines 7 to 12 below are used in calculating project revenue requirements billed through PJM Schedule 12, Transmission Enhancement Charges. The total non-incentive revenue requirements for these projects shown on line 5 is included in the total on line 4.

5	Revenue Requirement for PJM Schedule 12 Facilities (w/o incentives) (Worksheet J/K)		-	DA	1.00000	$ -
6	NET PLANT CARRYING CHARGE w/o intra-AEP charges or credits or ROE incentives (Note B)					
7	Annual Rate	((ln 1- ln 80)/(ln 33) x 100))				15.39%
8	Monthly Rate	(ln 7 / 12)				1.28%
9	NET PLANT CARRYING CHARGE ON LINE 7 , w/o depreciation or ROE incentives (Note B)					
10	Annual Rate	((ln 1- ln 80 - ln 83)/((ln 33) x 100))				12.59%
11	NET PLANT CARRYING CHARGE ON LINE 10, w/o Return, income taxes or ROE incentives (Note B)					
12	Annual Rate	(((ln 1 - ln 80 - ln 83 - ln 108 - ln 109) /((ln 33) x 100))				4.68%
13	ADDITIONAL REVENUE REQUIREMENT for projects w/ incentive ROE's (Note B) (Worksheet J/K)					-
14	**REVENUE REQUIREMENT FOR SCHEDULE 1A CHARGES**					
15	Total Load Dispatch & Scheduling (Account 561)	Line 63 Below				68,611
16	Less: Load Dispatch - Scheduling, System Control and Dispatch Services (321.88.b)					-
17	Less: Load Dispatch - Reliability, Planning & Standards Development Services (321.92.b)					-
18	Total 561 Internally Developed Costs	(Line 15 - Line 16 - Line 17)				68,611

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Line No.	(1) RATE BASE CALCULATION	(2) Data Sources (See "General Notes")	(3) TO Total NOTE C	(4) Allocator		(5) Total Transmission
	GROSS PLANT IN SERVICE					
19	Transmission	(Worksheet A ln 14.(d) & Ln 117)	102,337,731	DA	1.00000	102,337,731
20	Less: Transmission ARO (Enter Negative)	(Worksheet A ln 14.(e))	-	TP	1.00000	-
21	General Plant	(Worksheet A ln 14.(h))	149,396	W/S	1.00000	149,396
22	Less: General Plant ARO (Enter Negative)	(Worksheet A ln 14.(i))	-	W/S	1.00000	-
23	Intangible Plant	(Worksheet A ln 14.(j))	1,311,668	W/S	1.00000	1,311,668
24	TOTAL GROSS PLANT	(Sum of Lines: 19 to 23)	103,798,795	**GP=**	**1.000000**	103,798,795
				GTD=	**1.00000**	
25	ACCUMULATED DEPRECIATION AND AMORTIZATION					
26	Transmission	(Worksheet A ln 28.(d) & Ln 43.(b))	8,571,050	**TP1=**	1.00000	8,571,050
27	Less: Transmission ARO (Enter Negative)	(Worksheet A ln 28.(e))	-	**TP1=**	1.00000	-
28	General Plant	(Worksheet A ln 28.(h))	3,112	W/S	1.00000	3,112
29	Less: General Plant ARO (Enter Negative)	(Worksheet A ln 28.(i))	-	W/S	1.00000	-
30	Intangible Plant	(Worksheet A ln 28.(j))	575,838	W/S	1.00000	575,837.95
31	TOTAL ACCUMULATED DEPRECIATION	(Sum of Lines: 26 to 30)	9,150,000			9,150,000
32	NET PLANT IN SERVICE					
33	Transmission	(ln 19 + ln 20 - ln 26 - ln 27)	93,766,681			93,766,681
34	General Plant	(ln 21 + ln 22 - ln 28 - ln 29)	146,283			146,283
35	Intangible Plant	(ln 23 - ln 30)	735,830			735,830
36	TOTAL NET PLANT IN SERVICE	(Sum of Lines: 33 to 35)	94,648,794	**NP=**	**1.000000**	94,648,794
37	DEFERRED TAX ADJUSTMENTS TO RATE BASE	(Note D)				
38	Account No. 281.1 (enter negative)	(Worksheet B, ln 2 & ln 5.E)	-	NA		-
39	Account No. 282.1 (enter negative)	(Worksheet B, ln 7 & ln 10.E)	(5,130,000)	DA		(5,130,000)
40	Account No. 283.1 (enter negative)	(Worksheet B, ln 12 & ln 15.E)	(1,857,525)	DA		(1,805,043)
41	Account No. 190.1	(Worksheet B, ln 17 & ln 20.E)	702,364	DA		2,461,326
42	Account No. 255 (enter negative)	(Worksheet B, ln 24 & ln 25.E)	-	DA		-
43	TOTAL ADJUSTMENTS	(sum lns 38 to 42)	(6,285,161)			(4,473,717)
44	PLANT HELD FOR FUTURE USE	(Worksheet A ln 44.(e)) ln 45.(e))	-	DA		-
45	REGULATORY ASSETS	(Worksheet A ln 51.(e))	-	DA		-
46	UNFUNDED RESERVES (ENTER NEGATIVE) (NOTE Y	(Worksheet A ln 54.(e))	-	W/S	1.00000	-
47	WORKING CAPITAL	(Note E)				
48	Cash Working Capital	(1/8 * ln 66)	313,069			313,069
49	Transmission Materials & Supplies	(Worksheet C, ln 2.(F))	-	TP	1.00000	-
50	A&G Materials & Supplies	(Worksheet C, ln 3.(F))	-	W/S	1.00000	-
51	Stores Expense	(Worksheet C, ln 4.(F))	-	GP	1.00000	-
52	Prepayments (Account 165) - Labor Allocated	(Worksheet C, ln 8.(G))	-	W/S	1.00000	-
53	Prepayments (Account 165) - Gross Plant	(Worksheet C, ln 8.(F))	9,895	GP	1.00000	9,895
54	Prepayments (Account 165) - Transmission Only	(Worksheet C, ln 8.(E))	-	DA	1.00000	-
55	Prepayments (Account 165) - Unallocable	(Worksheet C, ln 8.(D))	-	NA	0.00000	-
56	TOTAL WORKING CAPITAL	(sum lns 48 to 55)	322,963			322,963
57	IPP CONTRIBUTIONS FOR CONSTRUCTION	(Note F) (Worksheet D, ln 8.B)	-	DA	1.00000	-
58	RATE BASE (sum lns 36, 43, 44, 45, 46, 56, 57)		88,686,597			90,498,040

AEPTCo subsidiaries in PJM
Transmission Cost of Service Formula Rate
Utilizing Actual/Projected FERC Form 1 Data

AEP Appalachian Transmission Company

Line No.	(1) EXPENSE, TAXES, RETURN & REVENUE REQUIREMENTS CALCULATION	(2) Data Sources (See "General Notes")	(3) TO Total	(4) Allocator		(5) Total Transmission
	OPERATION & MAINTENANCE EXPENSE					
59	Customer Related Expense	322 & 323.164,171,178.b	-			
60	Regional Marketing Expenses	322.131.b	-			
61	Transmission	321.112.b	2,573,162			
62	TOTAL O&M EXPENSES	(sum lns 59 to 61)	2,573,162			
63	Less: Total Account 561	(Note G) (Worksheet F, ln 14.C)	68,611			
64	Less: Account 565	(Note H) 321.96.b	-			
65	Less: Regulatory Deferrals & Amortizations	(Note I) (Worksheet F, ln 4.C)	-			
66	Total O&M Allocable to Transmission	(lns 61 - 63 - 64 - 65)	2,504,551	TP	1.00000	2,504,551
67	Administrative and General	323.197.b (Notes J & M)	696,279			
68	Less: Acct. 924, Property Insurance	323.185.b	33,424			
69	Acct. 928, Reg. Com. Exp.	323.189.b	2,611			
70	Acct. 930.1, Gen. Advert. Exp.	323.191.b	12			
71	Acct. 930.2, Misc. Gen. Exp.	323.192.b	4,467			
72	Balance of A & G	(ln 67 - sum ln 68 to ln 71)	655,765	W/S	1.00000	655,765
73	Plus: Acct. 924, Property Insurance	(ln 68)	33,424	GP(h)	1.00000	33,424
74	Acct. 928 - Transmission Specific	Worksheet F ln 21.(E) (Note L)	2,513	TP	1.00000	2,513
75	Acct 930.1 - Only safety related ads -Direct	Worksheet F ln 38.(E) (Note L)	-	TP	1.00000	-
76	Acct 930.2 - Misc Gen. Exp. - Trans	Worksheet F ln 4.(E) (Note L)	(2)	DA	1.00000	(2)
77	PBOP Adjustment	Worksheet O Ln 16.(B), (Note K & M)	34,165	W/S	1.00000	34,165
78	A & G Subtotal	(sum lns 72 to 77)	725,865			725,865
79	O & M EXPENSE SUBTOTAL	(ln 66 + ln 78)	3,230,416			3,230,416
80	Plus: Transmission Lease Payments To Affiliates in Acct 565 (Company Records) (Note H)		-	DA	1.00000	-
81	TOTAL O & M EXPENSE	(ln 79 + ln 80)	3,230,416			3,230,416
82	DEPRECIATION AND AMORTIZATION EXPENSE					
83	Transmission	336.7.f	2,630,836	TP1	1.00000	2,630,836
84	General	336.10.f	5,609	W/S	1.00000	5,609
85	Intangible	336.1.f	250,878	W/S	1.00000	250,878
86	TOTAL DEPRECIATION AND AMORTIZATION	(Ln 83+84+85)	2,887,323			2,887,323
87	TAXES OTHER THAN INCOME	(Note N)				
88	Labor Related					
89	Payroll	Worksheet H ln 23.(D)	-	W/S	1.00000	-
90	Plant Related					
91	Property	Worksheet H-p2 ln 3.(C) & ln 3.(G)	553,424	DA	1.00000	553,424
92	Gross Receipts/Sales & Use	Worksheet H ln 23.(F)	3,348	NA	0.00000	-
93	Other	Worksheet H ln 23.(E)	343,898	GP	1.00000	343,898
94	TOTAL OTHER TAXES	(sum lns 89 to 93)	900,670			897,322
95	INCOME TAXES	(Note O)				
96	T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =		26.14%			
97	EIT=(T/(1-T)) * (1-(WCLTD/WACC)) =		23.80%			
98	where WCLTD=(ln 136) and WACC = (ln 139)					
99	and FIT, SIT & p are as given in Note O.					
100	GRCF=1 / (1 - T) = (from ln 96)		1.3540			
101	Amortized Investment Tax Credit (enter negative)	(FF1 p.114, ln 19.c)	-			
102	Excess Deferred Income Tax	(Note T)	1,020	NP(h)	1.00000	1,020
103	Tax Effect of Permanent and Flow-Through Differences	(Note T)	21,049	NP(h)	1.00000	21,049
104	Income Tax Calculation	(ln 97 * ln 109)	1,392,257			1,420,695
105	ITC adjustment	(ln 100 * ln 101)	-	NP(h)	1.00000	-
106	Excess Deferred Income Tax	(ln 100 * ln 102)	1,381			1,381
107	Tax Effect of Permanent and Flow-Through Differences	(ln 100 * ln 103)	28,500			28,500
108	TOTAL INCOME TAXES	(sum lns 104 to 107)	1,422,138			1,450,575
109	RETURN ON RATE BASE (Rate Base*WACC)	(ln 58 * ln 139)	5,849,378			5,968,853
110	INTEREST ON IPP CONTRIBUTION FOR CONST. (Note F) (Worksheet D, ln 2.(B))		-	DA	1.00000	-
111	(Gains) / Losses on Sales of Plant Held for Future Use (Worksheet N, ln 4, Cols. ((F) & (H))		-			-
112	Tax Impact on Net Loss / (Gain) on Sales of Plant Held for Future Use (ln 111 * ln97)		-			-
113	TOTAL REVENUE REQUIREMENT (sum lns 81, 86, 94, 108, 109, 110, 111, 112)		14,289,925			14,434,489

AEPTCo subsidiaries in PJM
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AEP Appalachian Transmission Company

SUPPORTING CALCULATIONS

ln No.									
	TRANSMISSION PLANT INCLUDED IN PJM TARIFF								
114	Total transmission plant	(ln 19)							102,337,731
115	Less transmission plant excluded from PJM Tariff (Worksheet A, ln 42.(d)) (Note P)								-
116	Less transmission plant included in OATT Ancillary Services (Worksheet A, ln 42, Col. (b)) (Note Q)								-
117	Transmission plant included in PJM Tariff	(ln 114 - ln 115 - ln 116)							102,337,731
118	Percent of transmission plant in PJM Tariff	(ln 117 / ln 114)						**TP=**	**1.00000**
				Payroll Billed from					
119	WAGES & SALARY ALLOCATOR (W/S)	(Note R)	Direct Payroll	AEP Service Corp.	Total				
120	*Line Deliberately Left Blank*								
121	Transmission	354.21.b	-	319,136	319,136	TP	1.00000		319,136
122	Regional Market Expenses	354.22.b	-	-	-	NA	0.00000		-
123	*Line Deliberately Left Blank*								
124	Other (Excludes A&G)	354.24,25,26.b	-	-	-	NA	0.00000		-
125	Total	(sum lns 121, 122, & 124)	-	319,136	319,136				319,136
126	Transmission related amount							**W/S=**	**1.00000**
	Actual (Uncapped) Capital Structure								
127	WEIGHTED AVERAGE COST OF CAPITAL (WACC)								$
128	Long Term Interest	(Worksheet M, ln.36, col.(d))							**2,290,953**
129	Preferred Dividends	(Worksheet M, ln. 45, col.(d))							-
130	Development of Common Stock:								
131	Proprietary Capital	(Worksheet M, ln. 14, col.(b))							45,438,365
132	Less: Preferred Stock	(Worksheet M, ln. 14, col.(c))							-
133	Less: Account 216.1	(Worksheet M, ln. 14, col.(d))							-
134	Less: Account 219	(Worksheet M, ln. 14, col.(e))							-
135	Common Stock	(ln 131 - ln 132 - ln 133 - ln 134)							45,438,365
				Capital Structure Percentages			Cost		
				$	Actual	Cap Limit	(Note S)		Weighted
136	Long Term Debt (Note S) Worksheet M, ln 28, col. (g), ln 37, col. (d))			60,600,000	57.15%	57.15%	3.78%		0.0216
137	Preferred Stock (ln 132)			-	0.00%	0.00%	0.00%		0.0000
138	Common Stock (ln 135)			45,438,365	42.85%	42.85%	10.35%		0.0444
139	Total (Sum lns 136 to 138)			106,038,365	100.00%			**WACC=**	**0.0660**
140	Capital Structure Equity Limit (Note Z)		55.00%						

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Letter	Notes
	General Notes: a) References to data from Worksheets are indicated as: Worksheet X, Line#.Column.X
A	Revenue credits include: 1) Forfeited Discounts. 2) Miscellaneous Service Revenues. 3) Rental revenues earned on assets included in the rate base. 4) Revenues for associated business projects provided by employees whose labor and overhead costs are in the transmission cost of service. 5) Other electric revenues. 6) Revenues for grandfathered PTP contracts included in the load divisor. 7) If AEP Transmission Companies have any directly assigned transmission facilities, the revenue credits in the formula rate shall include all revenues associated with those directly assigned transmission facilities, irrespective of whether the loads of the customer are included in the formula rate divisor; provided however, such addition to revenue credits shall not be reflected if the costs of such directly assigned transmission facilities are not included in the transmission plant balances on which the formula rate ATRR is based. See Worksheet E for details.
B	The annual and monthly net plant carrying charges on page 1 are used to compute the revenue requirement for RTEP sponsored upgrades or those projects receiving approved incentive-ROE's. Interest will be calculated based on Worksheet R and any over under recovery will be filed and posted as part of the informational filing.
C	Transmission Plant Balances in this study are projected or actual average 13 month balances.
D	The total-company balances shown for Accounts 281, 282, 283, 190 only reflect ADIT that relates to utility operations. The balance of Account 255 is reduced by prior flow throughs and is completely excluded if the utility chose to utilize amortization of tax credits against FIT expense. An exception to this is pre-1971 ITC balances, which are required to be taken as an offset to rate base. Account 281 is not allocated. In compliance with FERC Rulemaking RM02-7-000, Asset Retirement Obligation deferrals have been removed from ratebase. Transmission ADIT allocations are shown on WS B. In compliance with FERC Rulemaking the calculation of ADIT in the annual projection will be performed in accordance with IRS regulation Section 1.167(l)-l(h)(6)(ii). Detailed balances for the projected or actual period, distinguished between utility and non-utility balances, will be filed and posted as part of the informational filing. The company will not include the ADIT portion of deferred hedge gains and losses in rate base.
E	Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission, as shown on line 66. It excludes: 1) Load Scheduling & Dispatch Charges in account 561 that are collected in the OATT Ancilliary Services Revenue, as shown on line 63. 2) Costs of Transmission of Electricity by Others, as described in Note H. 3) The impact of state regulatory deferrals and amortizations, as shown on line 65 4) All A&G Expenses, as shown on line 78.
F	Consistent with Paragraph 657 of Order 2003-A, the amount on line 57 is equal to the balance of IPP System Upgrade Credits owed to transmission customers that made contributions toward the construction of System upgrades, and includes accrued interest and unreturned balance of contributions. The annual interest expense is included on line 110.
G	Removes from the cost of service the Load Scheduling and Dispatch expenses booked to accounts 561.1 through 561.8. Expenses recorded in these accounts, with the exception of 561.4 & 561.8 (lines 16 & 17 above) are recovered in Schedule 1A, OATT ancillary services rates. See Worksheet F, lines 5 through 14, for descriptions and the Form 1 Source of these accounts' balances.
H	Removes cost of transmission service provided by others to determine the basis of cash working capital on line 66. To the extent such service is incurred to provide the PJM service at issue, e.g. lease payments to affiliates, such costs are added back on line 80 to determine the total O&M collected in the formula. The amounts on line80 is also excluded in the calculation of the FCR percentage calculated on lines 6 through 12. The addbacks on line80 of activity recorded in 565 represents inter-company sales or purchases of transmission capacity necessary to meet each AEP company's transmission load relative to their available transmission capacity. The company records referenced on line80 is the AEP Appalachian Transmission Company general ledger.
I	Removes the impact of state regulatory deferrals or their amortization from Transmission O&M expense.
J	General Plant and Administrative & General expenses, other than in accounts 924, 928, and 930, will be functionalized based on the Wages & Salaries "W/S" allocator. The allocation basis for accounts 924, 928 and 930 are separately presented in the formula. A change in the allocation method for an account must be approved via a 205 filing with the FERC.
K	The Post-employment Benefit Other than Pension (PBOP) expense is fixed based on an approved ratio of PBOP expense to direct labor expense.
L	Expenses reported for these A&G accounts will be included in the cost of service only to the extent they are directly assignable to transmission service. Worksheet F allocates these expense items. Acct 928 Includes Regulatory Commission expenses itemized in FERC Form-1 at page 351, column H. FERC Assessment Fees and Annual Charges shall not be allocated to transmission. Only safety-related and educational advertising costs in Account 930.1 are included in the TCOS. Account 930.2 includes the expenses incurred by the transmission function for Associated Business Development revenues given as a credit to the TCOS on Worksheet E.
M	See note K above. Recoverable PBOP expense is based on a rate of $(0.058) cents per dollar of direct labor. This rate may be adjusted up or down every four years based on a comparison of the Allowable TransCo PBOP Expense and the Actual PBOP Expense for a four year Historic and four year Projected period. If the over or under collection is greater than plus or minus 20% of the recoverable amount, an adjustment will be proposed in a Section 205 rate filing.
N	Includes only FICA, unemployment, highway, property and other assessments. Gross receipts, sales & use and taxes related to income are excluded.
O	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. See Worksheet G for the development of the Company's composite SIT. 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) (ln 101) multiplied by (1/1-T) . If the applicable tax rates are zero enter 0. Inputs Required: FIT = 21.00% SIT= 6.51% (State Income Tax Rate or Composite SIT. Worksheet G)) p = 0.00% (percent of federal income tax deductible for state purposes)
	The formula rate shall reflect the applicable state and federal statutory tax rates in effect during the period the calculated estimated unit charges are applicable. If the statutory tax rates change during such period, the effective tax rates used in the formula shall be weighted by the number of days the pre-ochange rate and post-change rate each is in effect.
P	Removes plant excluded from the OATT because it does not meet the PJM's definition of Transmission Facilities or is otherwise ineligible to be recovered under the OATT.
O	Removes transmission plant (e.g. step-up transformers) included in the development of OATT ancillary service rates and not already removed for reasons indicated in Note P.
R	Includes functional wages & salaries billed by AEP Service Corporation for support of the operating company.
S	Long Term Debt cost rate = long-term interest (ln 128) /average long term debt (ln 136). Preferred Stock cost rate = preferred dividends (ln 129) / preferred outstanding (ln 137). Common Stock cost rate (ROE) = 10.35%, per the settlement in FERC Docket No. EL17-13. It includes an additional 50 basis points for PJM RTO membership. All Transmission Companies other than AEP Appalachian Transmission Company utilize their own capital structure and costs as shown on Worksheet M. The calculations on Worksheet M will use the projected or actual 13 month average of long-term debt, common and preferred equity and calendar year long term debt interest expenses, preferred dividends and approved ROE. The long term debt balances and long term debt cost rate shall not include any amounts related to hedging activity. As shown on Worksheet Q, the AEP Appalachian Transmission Company capital structure and weighted cost of capital (WACC) shall be based on the weighted composite of the AEP East Operating Companies beginning and ending average capital structure, including the beginning and ending average outstanding LTD and PS issuances with the common equity portion in Docket No. ER08-1329, and (2) the weighted composite LTD and PS cost using projected or actual calendar year LTD expense and PS dividends of the AEP East Operating Companies excluding all interest rate hedging costs and/or gains, until the Company establishes its own actual capital structure.
T	Excess / (Deficit) Deferred Income Taxes will be amortized over the average remaining life of the assets to which it relates, unless the Commission requires a different amortization period. The Tax Effect of Permanent Differences captures the differences in the income taxes due under the Federal and State tax calculations that are not the result of a timing difference, including but not limited to depreciation related to capitalized AFUDC equity and meals and entertainment deductions. The Tax Effect of Flow-Through differences captures current tax expense related to timing differences on items for which tax deductions were used to reduce customer rates through the use of flow-through accounting in a prior period. Transmission balances for the projected or actual period, will be filed and posted as part of the informational filing.
U	Cash investment in prepaid pension and benefits recorded in FERC Account 165 is permitted to be included in the formula. A labor expense allocation factor will be used to allocate total company costs. All
V	The formula rate shall allocate property tax expense based on the as filed net plant cost allocation method detailed on Worksheet H.
W	AEP Transmission Companies will record depreciation expense using composites of the depreciation rates shown on Worksheet P which rates will not be changed absent a Section 205 or 206 filing at FERC to seek a change in depreciation rates. No other changes to the formula rate may be included in that filing.
X	Under Section 30.9 of the PJM OATT, a network customer that owns existing transmission facilities that are integrated with the Transmission Provider's Transmission System may be eligible to receive consideration either through a billing credit or some other mechanism. Calculation of any credit under this subsection, pursuant to approval by FERC for inclusion in this formula rate for collection on behalf of the network customer, shall be addressed in either the Network Customer's Service Agreement or any other agreement between the parties.
Y	The cost of service will make a rate base adjustment to remove unfunded reserves associated with contingent liabiliites recorded to Accounts 228.1-228.4 from rate base.
Z	Per the settlement in EL17-13, equity is limited to 55% in of the Company's capital structure. If the percentage of actual equity exceeds the cap, the excess is included as long term debt in the capital structure.

AEPTCo subsidiaries in PJM
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet A Rate Base
AEP Appalachian Transmission Company

Line No	Month (a)	Gross Plant In Service				
		Transmission (d)	Transmission ARO (e)	General (h)	General ARO (i)	Intangible (j)
	(Note A)	FF1, page 207 Col.(g) & pg. 206 Col. (b), ln 58	FF1, page 207 Col.(g) & pg. 206 Col. (b), ln 57	FF1, page 207 Col.(g) & pg. 206 Col. (b), ln 99	FF1, page 207 Col.(g) & pg. 206 Col. (b), ln 98	FF1, page 205 Col.(g) & pg. 204 Col. (b), ln 5
1	December Prior to Rate Year	99,898,071	-	18,755	-	1,220,848
2	January	99,919,947	-	18,761	-	1,238,934
3	February	99,932,529	-	18,770	-	1,261,106
4	March	99,959,379	-	18,797	-	1,260,395
5	April	99,968,331	-	18,807	-	1,284,444
6	May	99,969,155	-	18,809	-	1,309,391
7	June	100,769,465	-	18,809	-	1,313,702
8	July	100,749,825	-	18,809	-	1,341,725
9	August	100,769,531	-	18,809	-	1,370,877
10	September	101,156,320	-	190,525	-	1,341,780
11	October	103,456,492	-	475,038	-	1,364,695
12	November	103,542,215	-	511,739	-	1,377,188
13	December of Rate Year	120,299,243	-	595,714	-	1,366,596
14	Average of the 13 Monthly Balances	102,337,731	-	149,396	-	1,311,668

Line No	Month (a)	Accumulated Depreciation				
		Transmission (d)	Transmission ARO (e)	General (h)	General ARO (i)	Intangible (j)
	(Note A)	FF1, page 219, ln 25, Col. (b)	Company Records (Included in total in Column (d))	FF1, page 219, ln 28, Col. (b)	Company Records (Included in total in Column (h))	FF1, page 200, ln 21, Col. (b)
15	December Prior to Rate Year	7,269,904	-	2,041	-	515,593
16	January	7,477,729	-	2,120	-	535,049
17	February	7,685,953	-	2,198	-	554,790
18	March	7,919,620	-	2,253	-	534,534
19	April	8,136,536	-	2,332	-	554,670
20	May	8,353,296	-	2,410	-	575,207
21	June	8,570,616	-	2,489	-	568,373
22	July	8,789,902	-	2,568	-	589,398
23	August	9,008,973	-	2,646	-	610,890
24	September	9,228,178	-	2,725	-	586,172
25	October	9,448,007	-	3,522	-	607,665
26	November	9,673,966	-	5,509	-	629,540
27	December of Rate Year	9,860,967	-	7,650	-	624,012
28	Average of the 13 Monthly Balances	8,571,050	-	3,112	-	575,838

AEPTCo subsidiaries in PJM
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet A Rate Base
AEP Appalachian Transmission Company

Line No	Month (a)	OATT Ancillary Services (GSU) Plant In Service (b)	OATT Ancillary Services (GSU) Accumulated Depreciation (c)	Excluded Plant - Plant In Service (d)	Excluded Plant - Accumulated Depreciation (e)
	(Note A)	Company Records (included in total in column (d) of gross plant above)	Company Records (included in total in column (d) of accumulated depreciation above)	Company Records	Company Records
29	December Prior to Rate Year	-	-	-	-
30	January	-	-	-	-
31	February	-	-	-	-
32	March	-	-	-	-
33	April	-	-	-	-
34	May	-	-	-	-
35	June	-	-	-	-
36	July	-	-	-	-
37	August	-	-	-	-
38	September	-	-	-	-
39	October	-	-	-	-
40	November	-	-	-	-
41	December of Rate Year	-	-	-	-
42	Average of the 13 Monthly Balances	-	-	-	-

43	Transmission Accumulated Depreciation net of GSU	8,571,050

	Plant Held For Future Use	**Source of Data**	**Balance @ December 31, 2023**	**Balance @ December 31, 2022**	**Average Balance for 2023**
	(a)	**(b)**	**(c)**	**(d)**	**(e)**
44	**Plant Held For Future Use**	FF1, page 214, ln 47, Col. (d)	-	-	-
45	**Transmission Plant Held For Future Use (Included in total on line 4**	Company Records - Note 1	-	-	-

Regulatory Assets and Liabilities Approved for Recovery In Ratebase

Note: Regulatory Assets & Liabilities can only be included in ratebase pursuant to a 205 filing with the FERC.

46	-	-	-	-	-
47	-	-	-	-	-
48	-	-	-	-	-
49	-	-	-	-	-
50	-	-	-	-	-
51	Total Regulatory Deferrals Included in Ratebase		-	-	-

Unfunded Reserves Summary (Company Records)

	Description	**Account**
52		

AEPTCo subsidiaries in PJM
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet A Rate Base
AEP Appalachian Transmission Company

53a	-	-	-	-	-
53b	-	-	-	-	-
54	Total		-	-	-

NOTE 1: On this worksheet, "Company Records" refers to AEP's property accounting ledger.
NOTE 2: The ratebase should not include the unamoritzed balance of hedging gains or losses.

AEPTCo subsidiaries in PJM
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet B Supporting ADIT and ITC Balances
AEP Appalachian Transmission Company

Line Number	(A) Description	(B) Source	(C) Balance @ December 31, 2023	(D) Balance @ December 31, 2022	(E) Average Balance for 2023
1	**Account 281**				
2	Year End Utility Deferrals	FF1, p. 272 - 273, ln 8, Col. (k)	-	-	-
3	Less: ARO Related Deferrals	WS B-1 - Actual Stmt. AF Ln. 4 (Note 1)	-	-	-
4	Less: Other Excluded Deferrals	WS B-1 - Actual Stmt. AF Ln. 3 (Note 1)	-	-	-
5	Transmission Related Deferrals	Ln 2 - ln 3 - ln 4	-	-	-
6	**Account 282**				
7	Year End Utility Deferrals	FF1, p. 274 - 275, ln 5, Col. (k)	5,623,453	4,636,548	5,130,000
8	Less: ARO Related Deferrals	WS B-1 - Actual Stmt. AF Ln. 7 (Note 1)	-	-	-
9	Less: Other Excluded Deferrals	WS B-1 - Actual Stmt. AF Ln. 6 (Note 1)	-	-	-
10	Transmission Related Deferrals	Ln 7 - ln 8 - ln 9	5,623,453	4,636,548	5,130,000
11	**Account 283**				
12	Year End Utility Deferrals	FF1, p. 276 - 277, ln 9, Col. (k)	1,827,988	1,887,061	1,857,525
13	Less: ARO Related Deferrals	WS B-1 - Actual Stmt. AF Ln. 13 (Note 1)	-	-	-
14	Less: Other Excluded Deferrals	WS B-1 - Actual Stmt. AF Ln. 12 (Note 1)	-	104,963	52,482
15	Transmission Related Deferrals	Ln 12 - ln 13 - ln 14	1,827,988	1,782,098	1,805,043
16	**Account 190**				
17	Year End Utility Deferrals	FF1, p. 234, ln 8, Col. (c)	687,562	717,166	702,364
18	Less: ARO Related Deferrals	WS B-2 - Actual Stmt. AG Ln. 4 (Note 1)	-	-	-
19	Less: Other Excluded Deferrals	WS B-2 - Actual Stmt. AG Ln. 3 (Note 1)	(1,672,575)	(1,845,349)	(1,758,962)
20	Transmission Related Deferrals	Ln 17 - ln 18 - ln 19	2,360,137	2,562,515	2,461,326
21	**Account 255**				
22	Year End ITC Balances	FF1, p. 266-267, ln 8, Col. (h)	-	-	-
23	Less: Balances Not Qualified for Ratebase	Company Records - Note 1	-	-	-
24	ITC Balances Includeable in Ratebase	Ln 22 - ln 23	-	-	-
25	Transmission Related Deferrals	WS B-1 - Actual Stmt. AF Ln. 20 (Note 1)	-	-	-

NOTE 1 On this worksheet, "Company Records" refers to AEP's tax forecast and accounting ledger. The PTRR will use projected ending balances and reflect proration required by IRS Letter Rule Section I.I67(I)-I(h)(6)(ii). Line item detail of actual deferred tax items will be included on Worksh

NOTE 2 ADIT balances should exclude balances related to hedging activity.

AEP Appalachian Transmission Company
SPECIFIED DEFERRED CREDITS - Actual Cycle Only
PERIOD ENDED DECEMBER 31, 2023

(DEBIT) CREDIT

	COLUMN A	COLUMN B	COLUMN C	COLUMN D	COLUMN E	COLUMN F	COLUMN G	COLUMN H	COLUMN I	COLUMN J	COLUMN K	COLUMN L	COLUMN M	COLUMN N	COLUMN O
		PER BOOKS		NON-APPLICABLE/NON-UTILITY		AVERAGE ELECTRIC	FUNCTIONALIZATION AVERAGE			FUNCTIONALIZATION 12/31/2022			FUNCTIONALIZATION 12/31/2023		
	ACCUMULATED DEFERRED FIT ITEMS	BALANCE AS OF 12-31-2022	BALANCE AS OF 12-31-2023	BALANCE AS OF 12-31-2022	BALANCE AS OF 12-31-2023	UTILITY (B+C+D+E)/2	GENERATION	TRANSMISSION	DISTRIBUTION	GENERATION	TRANSMISSION	DISTRIBUTION	GENERATION	TRANSMISSION	DISTRIBUTION
1.00	ACCOUNT 281:														
2.01															
2.02	TX AMORT POLLUTION CONT EQPT	0	0			0	0	0	0						
2.03															
2.04	NON-UTILITY DEFERRED FIT 281.2	0	0	0	0	0									
2.05	SFAS 109 FLOW-THRU 281.3	0	0	0	0	0									
2.06	SFAS 109 EXCESS DFIT 281.4	0	0	0	0	0									
3	TOTAL ACCOUNT 281	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	ACCOUNT 281 - ARO-Related Deferrals	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	ACCOUNT 282:														
5.01	BOOK VS. TAX DEPRECIATION	4,789,891	5,814,478			5,302,184	0	5,302,184	0		4,789,891			5,814,478	
5.02	481 a BONUS DEPRECIATION	0	0			0	0	0	0		0			0	
5.03	R & D DEDUCTION - SECTION 174	1	1			1	0	1	0		1			1	
5.04	TAX DEPRECIATION LOOKBACK	0	0			0	0	0	0		-			-	
5.05	ABFUDC	401,347	551,792			476,569	0	476,569	0		401,347			551,792	
5.06	INT EXP CAPITALIZED FOR TAX	(846,329)	(1,042,806)			(944,568)	0	(944,568)	0		(846,329)			(1,042,806)	
5.07	BOOK/TAX UNIT OF PROPERTY ADJ	329,279	329,279			329,279	0	329,279	0		329,279			329,279	
5.08	TX ACCEL AMORT - CAPITALIZED SOFTWARE	(769)	(769)			(769)	0	(769)	0		(769)			(769)	
5.09	CAPITALIZED SOFTWARE COST-BOOK	(9,790)	(15,349)			(12,570)	0	(12,570)	0		(9,790)			(15,349)	
5.10	REMOVAL CST	718	9,070			4,894	0	4,894	0		718			9,070	
5.11	EXCESS ADFIT - PROTECTED	0	0			0	0	0	0		-			-	
5.12	EXCESS ADFIT - UNPROTECTED	(27,800)	(22,242)			(25,021)	0	(25,021)	0		(27,800)			(22,242)	
5.13	NOL ADJUSTMENT	-	-			0	0	0	0						
5.14	NOL CONTRA	-	-	0	0	0									
5.15	NON-UTILITY DEFERRED FIT	0	0	0	0	0									
5.16	SFAS 109 FLOW-THRU 282.3	817,658	966,133	(817,658)	(966,133)	0									
5.17	SFAS 109 EXCESS DFIT 282.4	27,800	22,242	(27,800)	(22,242)	0									
6	TOTAL ACOUNT 282	5,482,006	6,611,828	(845,458)	(988,375)	5,129,999	0	5,130,000	0	0	4,636,548	0	0	5,623,453	0
7	ACCOUNT 282 - ARO-Related Deferals	0	0	0	0	0	0	0	0	0	0	0	0	0	0

8	ACCOUNT 283:															
9.01	NOL STATE CARRYFORWARD	82,396	64,292			73,344	0	73,344	0		82,396			64,292		
9.02	NOL STATE CARRYFORWARD - VALUATION ALLOWANCE	(0)	(0)			0	0	(0)	0		(0)			(0)		
9.03	EXCESS ADFIT - UNPROTECTED	211,288	206,750			209,019	0	209,019	0		211,288			206,750		
9.04	REG ASSET-FERC Formula Rates Under Recvr	77,433	9,334			43,384	0	43,384	0		77,433			9,334		
9.05	NOL ADJUSTMENT	(104,963)	-			(52,482)	0	(52,482)	0		(104,963)			-		
9.06	NOL CONTRA	104,963	-	(104,963)	0	0										
9.07	NON-UTILITY DEFERRED FIT 283.2	-	-	0	0	0										
9.08	SFAS 109 FLOW-THRU 283.3	233,119	341,815	(233,119)	(341,815)	0										
9.09	SFAS 109 EXCESS DFIT 283.4	(211,288)	(206,750)	211,288	206,750	0										
9.10	SFAS 133 ADIT FED - SFAS 133 NONAFFIL 2830006	-	-	0	0	0										
9.11	ADIT - FED-HDG-CF-INT RATE 2830015	-	-	0	0	0										
10		392,948	415,441	(126,794)	(135,065)	273,265	0	273,265	0	0	266,154	0	0	280,376	0	
11	DEFD STATE INCOME TAXES	1,515,945	1,547,612			1,531,778	0	1,531,778	0		1,515,945			1,547,612		
11.01	SFAS 109 - DEFD STATE INCOME TAXES	-	404,735	0	(404,735)	0										
12	TOTAL ACCOUNT 283	1,908,893	2,367,788	(126,794)	(539,800)	1,805,043	0	1,805,043	0	0	1,782,098	0	0	1,827,988	0	
13	ACCOUNT 283 - ARO-Related Deferals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	JURISDICTIONAL AMOUNTS FUNCTIONALIZED															
15	TOTAL COMPANY AMOUNTS FUNCTIONALIZED															
16	REFUNCTIONALIZED BASED ON JURISDICTIONAL PLANT															
17	NOTE: POST 1970 ACCUMULATED DEFERRED															
18	INV TAX CRED. (JDITC) IN A/C 255															
18.01		0	0			0	0	0	0							
18.02		0	0			0	0	0	0							
19																
20	TOTAL ACCOUNT 255	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

AEP Appalachian Transmission Company
ACCUMULATED DEFERRED INCOME TAX IN ACCOUNT 190 - Actual Cycle Only
PERIOD ENDED DECEMBER 31, 2023

DEBIT (CREDIT)

	COLUMN A	COLUMN B	COLUMN C	COLUMN D	COLUMN E	COLUMN F	COLUMN G	COLUMN H	COLUMN I	COLUMN J	COLUMN K	COLUMN L	COLUMN M	COLUMN N	COLUMN O
		PER BOOKS		NON-APPLICABLE/NON-UTILITY		AVERAGE ELECTRIC UTILITY	FUNCTIONALIZATION AVERAGE			FUNCTIONALIZATION 12/31/2022			FUNCTIONALIZATION 12/31/2023		
	ACCUMULATED DEFERRED FIT ITEMS	BALANCE AS OF 12-31-2022	BALANCE AS OF 12-31-2023	BALANCE AS OF 12-31-2022	BALANCE AS OF 12-31-2023	(B+C+D+E)/2	GENERATION	TRANSMISSION	DISTRIBUTION	GENERATION	TRANSMISSION	DISTRIBUTION	GENERATION	TRANSMISSION	DISTRIBUTION
1	ACCOUNT 190:														
2.01	NOL & TAX CREDIT C/F - DEF TAX ASSET	0	0			0	0	0	0		-			-	
2.02	State Property Mod - TN	0	(38,695)			(19,347)	0	(19,347)	0		-			(38,695)	
2.03	State Property Mod - VA	0	(122)			(61)	0	(61)	0		-			(122)	
2.04	TAX CREDIT C/F - DEF TAX ASSET	682	(0)			341	0	341	0		682			(0)	
2.05	PROVS POSS REV REFDS-A/L	5,774	52,744			29,259	0	29,259	0		5,774			52,744	
2.06	ACCRD COMPANYWIDE INCENTV PLAN	0	0			0	0	0	0		0			-	
2.07	ACCRUED INTEREST-LONG-TERM - FIN 48	0	0			0	0	0	0		-			-	
2.08	DEFD STATE INCOME TAXES	318,348	0			159,174	0	159,174	0		318,348			-	
2.09	AMT CREDIT - DEFERRED	0	0			0	0	0	0		-			-	
2.10	NOL-DEFERRED TAX ASSET RECLASS	0	0			0	0	0	0		-			-	
2.11	ACRS BENEFIT NORMALIZED	0	377,842			188,921	0	188,921	0		-			377,842	
2.12	481 a BONUS DEPRECIATION	0	0			0	0	0	0		-			0	
2.13	R & D DEDUCTION - SEC 174	0	0			0	0	0	0		-			0	
2.14	ABFUDC	0	35,857			17,929	0	17,929	0		-			35,857	
2.15	INT EXP CAPITALIZED FOR TAX	0	(67,765)			(33,882)	0	(33,882)	0		-			(67,765)	
2.16	BOOK/TAX UNIT OF PROPERTY ADJ	0	21,398			10,699	0	10,699	0		-			21,398	
2.17	TX ACCEL AMORT - CAPITALIZED SOFTWARE	0	(50)			(25)	0	(25)	0		-			(50)	
2.18	INSURANCE PREMIUMS ACCRUED	0	(0)			0	0	(0)	0		-			(0)	
2.19	REG ASSET-FERC Formula Rates Under Recvr	0	607			303	0	303	0		-			607	
2.20	CAPITALIZED SOFTWARE COST-BOOK	0	448			224	0	224	0		-			448	
2.21	CAPITALIZED SOFTWARE COST-BOOKS	0	(1,445)			(723)	0	(723)	0		-			(1,445)	
2.22	REMOVAL CST	0	589			295	0	295	0		-			589	
2.23	NOL ADJUSTMENT	1,845,349	1,672,575			1,758,962	0	1,758,962	0		1,845,349			1,672,575	
2.24	NOL CONTRA	(1,845,349)	(1,672,575)	1,845,349	1,672,575	0					-				
2.25	NON-UTILITY DEFERRED FIT	6,523	0	(6,523)	(0)	0									
2.26	SFAS 109 FLOW-THRU 190.3	-	84,994	0	(84,994)	0									
2.27	SFAS 109 EXCESS DFIT 190.4	64,917	65,278	(64,917)	(65,278)	0									
2.28	SFAS 133 ADIT FED - SFAS NONAFFIL 1900006	-	-	0	0	0									
2.29	ADIT FED - PENSION OCI NAF 1900009	-	-	0	0	0									
2.30	ADIT-FED-HDG-CF-INT RATE1900015	-	-	0	0	0									
2.31	DEFERRED SIT 1901002	392,361	306,154	0	0	349,258	0	349,258	0		392,361			306,154	
3	TOTAL ACCOUNT 190	788,606	837,835	1,773,909	1,522,302	2,461,327	0	2,461,326	0	0	2,562,515	0	0	2,360,137	0
4	ACCOUNT 190 - ARO-Related Deferals	0	0	0	0	0	0	0	0	0	0	0	0	0	0

APPALACHAIN TRANSMISSION COMPANY, INC.
ATTACHMENT H-20B
WORKSHEET B-3-X
TAX REMEASUREMENT WORKSHEET
Debit/(Credit)

	A	B	C	D	E
Line No.	**Utility Account (NOTE A)**		**Description of Account**	**Protected Unprotected**	**Tax Rate Change Act**
	Deferred Tax Account (NOTE B)				
1a		1904001	ADFIT - FAS 109 Excess	N/A	TCJA 2017
1b		2821001	ADFIT - Utility Property	Protected	TCJA 2017
1c		2821001	ADFIT - Utility Property	Unprotected	TCJA 2017
1d		2824001	ADFIT - Utility Property FAS 109 Excess	Protected	TCJA 2017
1e		2824001	ADFIT - Utility Property FAS 109 Excess	Unprotected	TCJA 2017
1f		2831001	ADFIT - Other Utility Deferrals	Unprotected	TCJA 2017
1g		2834001	ADFIT - Other FAS 109 Excess	Unprotected	TCJA 2017
1h	**NOTE D**				
	Regulatory Deferral Accounts				
2a		182.3	Regulatory Asset		TCJA 2017
2b		254	Regulatory Liability		TCJA 2017
2c	**NOTE D**				
3			Total For Accounting Entires (Sum of Lines 1a through 2b)		

NOTE A In order to ensure ratebase neutrality, AEP utilizes the fourth digit of its seven digit FERC Tax subaccount nun the fourth digit of a FERC tax account refers to the utility operations balance or entry. Accounts with the "1" de the four place of the account number indicates accounts used to track regulatory accounting requirements. Th which will ensure that in the formula rate the excess amount will be part of ratebase, but at the total FERC acc in the "4" will be offset on a net basis in the regulatory asset or liability subaccount established for this purpos

NOTE B: This amount represents the FIT gross up recorded on the regulatory assets and liabilities will be reported on th

NOTE C: The amounts of the remeasurement shown here are as of the effective date of the change in tax rates and will post-remeasurement balances of ADIT, are presented in formula wokpaper(s) B-3-X,

NOTE D: {REFERENCE OR CITE TO APPROVAL OF AMORTIZATION PERIOD FOR UNPROTECTED EXCESS OR D

NOTE E: In the event of future tax rate changes, additional lines will be inserted in both the Total Company and Transm deferral accounts that may be necessary to track that tax rate change.

NOTE F: The amount of excess amortization entries shown in lines 1a through 1h are shown as a debit or credit to the A recorded to the 410/411 account and will tie to the total company amount of excess or deficient ADIT amortiza

NOTE G: Deficient remeasurement amounts will be recorded in 410.1 as a debit (expense) to cost of service; excess rei

F	G	H	I	J
			1/1/2023 Beginning	Balances
Excess / Deficient Balance at Remeasurement	**Amortization Methodology (NOTE C)**	**Amotization Period**	**Excess / Deficient ADIT Regulatory Offset**	**Excess / Deficient ADIT in Utility Deferrals**
			64,916	
	ARAM	**Life of Asset**		-
(9,655)	**10 Years**	**1/2018 - 12/2027**		27,801
			-	
			(38,923)	
2,600	**10 Years**	**1/2018 - 12/2027**		(211,287)
			211,289	
			-	
			(248,404)	
			0	(182,466)

nbers to identify balances associated with uitlity operations vs regulatory reporting requirements. A "1" in esignation will be included in the determination of ratebase to be recovered in the formula rate. A "4" in ne excess ADIT amounts recorded in accounts with the "4" designation will be contra to the "1" balance, ount level the tax asset or liability will be recorded at the current Federal FIT rate. The amounts recored e.

ne first line of ADIT accounts provided for each specific change in tax rates.

remain static on this workpaper. The derivation of this amount, along with the pre-remeasurement and

)EFICIENT ADIT}

nission Functional sections above as required to reflect any new ADIT or regulatory

ADIT account from which it is being amortized. The total in line 3 is the offset tion shown on line 102 of the cost of service.

measurement amounts will be recorded in 411.1 as a credit to cost of service.

K	L	M	N	O	P
	Balance Sheet Entries		Tax Expense Entries		12/31/2023 Er
Balance Sheet Account Reclassifications	**182.3**	**254**	**410/411 Excess / Deficient Amortization NOTE C/NOTE F**	**410/411 Deferred Tax Expense/ (Benefit)**	**Excess/ Deficient ADIT Regulatory Offset**
					Sum of Co
		361			65,277
			(5,561)		
					-
		5,561			(33,362)
			4,541		
		(4,541)			206,749
					-
		(1,381)			(249,785)
-	-	-	1,020	-	(11,121.3)
			NOTE E		

Q	R
ıding Balance	
Excess / Deficient ADIT in Utility Deferrals	**Reference**
ɔls (l) - (O)	
	WS B - 2 Col B/C, ADIT Item 2.13
-	WS B - 1 Col N, ADIT Item 5.11
22,241	WS B - 1 Col N, ADIT Item 5.12
	WS B - 1 Col B/C, ADIT Item 5.17
(206,747)	WS B - 1 Col N, ADIT Item 9.03
	WS B - 1 Col B/C, ADIT Item 9.09
	Company Records
	Company Records
(184,506)	

AEP EAST TRANSMISSION COMPANIES
AEP APPALACHIAN TRANSMISSION COMPANY
ATTACHMENT H-20B
WORKSHEET B-3-A
TAX REMEASUREMENT WORKSHEET
Debit/(Credit)

TAX CUT and JOBS ACT of 2017

A	B	C	D	E
Line No.	Utility Account	12/31/17 Pre-remeasurement Balance	Reference	Remeasurement Amount (NOTE 1)
1	190 Utility Balance	30,979	2018 FF1 P. 234 Col (b) Line 8	
2		16,823	Less: Deferred State Taxes	
3	1901001	14,156		4,955
4	2821001	(24,138)	2018 FF1 P. 274 Col (b) Line 5	(9,655)
5	283 Utility Balance	(23,866)	2018 FF1 P. 276 Col (b) Line 9	
6		(17,978)	Less: Accum Deferred SIT -Other	
7	2831001	(5,888)		(2,355)
8	Total	(15,870)		(7,055)

GENERAL NOTE: This worksheet will summarize remeasurement adjustments in ADIT Accounts required by c
Federal or State Income Tax Rates. A new sheet will be included in the working formula for each change to tax
while this formula rate is in effect. New pages will be designated by incrementing the suffix letter in the workpap

NOTE 1: Amount of Remeasurement in Column E will be based on supporting workpapers showing the remea
ADIT item will be treated as protected or unprotected. The resulting totals will be shown on this work

NOTE 2:
Remeasurement calculation may not equal 40% of the December 31, 2017 deferral balance becaus

NOTE 3: As part of the remeasurement calculation, the remeasurement ADIT balances in account 1901001 w
group nonproperty utility deferrals together as one timing difference.

NOTE 4: Ties to Transmission Company's Workpaper B-3, Column F, showing the intial remeasurement valu

F=E/C	G	H = E + G	I	J = C - H
Remeasurement Percentage (NOTE 2)	190/283 Recalss (NOTE 3)	Total Excess/Deficiency by Account (NOTE 4)	Protected / Unprotected	ADIT Deferral After Remeasurement
35%	(4,955)	-	Unprotected	14,156
40%	-	(9,655)	Protected	(14,483)
40%	4,955	2,600	Unprotected	(8,488)
	-	(7,055)		(8,815)

hanges in either
rates that may occur
er name (i.e. B-3-A, B-

asurement of individual ADIT items in each tax deferral account, and will indicate whether each remeasured
ksheet for each ADIT account.

e of specific ADIT items that are not subject to remeasurement.

ere reclassed to account 2831001 to

e determined as a result of the Tax Cut and Jobs Act of 2017.

AEPTCo subsidiaries in PJM
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet C Supporting Working Capital Rate Base Adjustments
AEP Appalachian Transmission Company

Materials & Supplies

Line Number		Source	Balance @ December 31, 2023	Balance @ December 31, 2022	Average Balance for 2023
1					
2	Transmission Materials & Supplies	FF1, p. 227, ln 8, Col. (c) & (b)	0	0	-
3	General Materials & Supplies	FF1, p. 227, ln 11, Col. (c) & (b)			-
4	Stores Expense (Undistributed) - Account 163	FF1, p. 227, ln 16, Col. (c) & (b)			-

Prepayment Balance Summary (Note 1)

5		Average of YE Balance	Excludable Balances	100% Transmission Related	Transmission Plant Related	Transmission Labor Related	Total Included in Ratebase (E)+(F)+(G)
6	Totals as of December 31, 2023	7,186	0	0	7,186	0	7,186
7	Totals as of December 31, 2022	12,603	0	0	12,603	0	12,603
8	**Average Balance**	9,895	-	-	9,895	-	9,895

Prepayments Account 165 - Balance @ 12/31/2023

9	Acc. No.	Description	2023 YE Balance	Excludable Balances	100% Transmission Related	Transmission Plant Related	Transmission Labor Related	Total Included in Ratebase (E)+(F)+(G)	Explanation
10	1650001	Prepaid Insurance	-	-		-		-	
11	1650021	Prepaid Insurance - EIS	7,186	-		7,186		7,186	
12				-		-		-	
13				-		-		-	
14				-		-		-	
15				-		-		-	
16				-		-		-	
17				-		-		-	
18				-		-		-	
19				-		-		-	
20				-		-		-	
21				-		-	-	-	
22				-			-	-	
23				-			-	-	
24				-			-	-	
25							-	-	
		Subtotal - Form 1, p 111.57.c	7,186	0	0	7,186	0	7,186	

Prepayments Account 165 - Balance @ 12/31/ 2022

26	Acc. No.	Description	2022 YE Balance	Excludable Balances	100% Transmission Related	Transmission Plant Related	Transmission Labor Related	Total Included in Ratebase (E)+(F)+(G)	Explanation
27	1650001	Prepaid Insurance	6,058	-		6,058		6,058	
28	1650021	Prepaid Insurance - EIS	6,545	-		6,545		6,545	
29				-		-		-	
30				-		-		-	
31				-		-		-	
32				-				-	
33				-				-	
34				-				-	
35								-	
34				-				-	
35				-		-		-	
36				-		-	-	-	
37				-			-	-	
38				-			-	-	
39				-			-	-	
40							-	-	
		Subtotal - Form 1, p 111.57.d	12,603	0	0	12,603	0	12,603	

Note 1: Prepayment Balance will not include: (i) federal and state income tax payments made to offset additional tax liabilities resulting (or expected to result) from prior federal or state audits or from the filing of one or more amended income tax returns; (ii) outstanding income tax refunds due to [company] resulting (or expected to result) from prior federal or state audits or from the filing of one or more amended income tax returns; or (iii) prepayments of federal or state income taxes which are attributable to income earned during periods prior to January 1 of the year depicted in the Balance Sheet (as described in USofA Account 236).

AEPTCo subsidiaries in PJM
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet D Supporting IPP Credits
AEP Appalachian Transmission Company

Line Number	(A) Description	(B) 2023
1	Net Funds from IPP Customers 12/31/2022 (2023 FORM 1, P269)	-
2	Interest Expense (Company Records - Note 1)	-
3	Revenue Credits to Generators (Company Records - Note 1)	-
4	Other Adjustments	
5	Accounting Adjustment (Company Records - Note 1)	-
6		-
7	Net Funds from IPP Customers 12/31/2023 (2023 FORM 1, P269)	-
8	Average Balance for Year as Indicated in Column ((ln 1 + ln 7)/2)	-

Note 1 On this worksheet Company Records refers to AEP Appalachian Transmission Company's general ledger.

AEPTCo subsidiaries in PJM
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet E Supporting Revenue Credits
AEP Appalachian Transmission Company

Line Number	Description	Total Company	Non-Transmission	Transmission
1	**Account 450, Forfeited Discounts (FF1 p.300.16.(b); Company Records - Note 1)**		-	
2	**Account 451,Miscellaneous Service Revenues (FF1 p.300.17.(b); Company Records - Note 1)**		-	
3	**Account 454, Rent from Electric Property (FF1 p.300.19.(b); Company Records - Note 1)**		-	
4	**Account 4560015, Associated Business Development - (Company Records - Notes 1, 2)**		-	
5	**Account 456 - Other Electric Revenues - (Company Records - Notes 1,2)**	16,333,783	16,333,783	
5a	**Account 457.1, Regional Control Service Revenues (FF1 p.300.23.(b); Company Records - Note 1)**		-	
5b	**Account 457.2, Miscellaneous Revenues (FF1p.300.24.(b); Company Records - Note 1)**		-	
6	**Subtotal - Other Operating Revenues (Company Total equals (FF1 p. 300.26.(b))**	16,333,783	16,333,783	-
7	**Accounts 4470004 & 5, Revenues from Grandfathered Transmission Contracts - (Company Records - Note 1)**		-	
8	**Total Other Operating Revenues To Reduce Revenue Requirement**	16,333,783	16,333,783	-
9	**Facility Credits under PJM OATT Section 30.9**			

Note 1 The total company data on this worksheet comes from the indicated FF1 source, or AEP Appalachian Transmission Company's general ledger. The functional amounts identified as transmission revenue also come from the general ledger.
Note 2 The total of line 4 and line 5 will equal total Account 456 as listed on FF1 p.300.21-22.(b)

AEPTCo subsidiaries in PJM
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet F Supporting Allocation of Specific O&M or A&G Expenses
AEP Appalachian Transmission Company

Line Number	(A) Item No.	(B) Description	(C) 2023 Expense	(D) 100% Non-Transmission	(E) 100% Transmission Specific	(F) Explanation
		Regulatory O&M Deferrals & Amortizations				
1						
2						
3						
4		**Total**	-			
		Detail of Account 561 Per FERC Form 1				
5						
6	FF1 p 321.85.b	561.1 - Load Dispatch - Reliability	-			
7	FF1 p 321.86.b	561.2 - Load Dispatch - Monitor & Operate Trans System	57,408			
8	FF1 p 321.87.b	561.3 - Load Dispatch - Trans Service & Scheduling	-			
9	FF1 p 321.88.b	561.4 - Scheduling, System Control & Dispatch	-			
10	FF1 p 321.89.b	561.5 - Reliability, Planning and Standards Development	11,203			
11	FF1 p 321.90.b	561.6 - Transmission Service Studies	-			
12	FF1 p 321.91.b	561.7 - Generation Interconnection Studies	-			
13	FF1 p 321.92.b	561.8 - Reliability, Planning and Standards Development Services	-			
14		**Total of Account 561**	68,611			
		Account 928				
15	9280000	Regulatory Commission Exp	1	1	-	
16	9280001	Regulatory Commission Exp-Adm	(0)	(0)	-	
17	9280002	Regulatory Commission Exp-Case	97	97	-	
18	9280005	Reg Com Exp-FERC Trans Cases	2,513	-	2,513	
19				-	-	
20				-	-	
21		**Total (FERC Form 1 p.323.189.b)**	2,611	98	2,513	
		Account 930.1				
22	9301000	General Advertising Expenses	-	-	-	
23	9301001	Newspaper Advertising Space	0	0	-	
24	9301010	Publicity	9	9	-	
25	9301012	Public Opinion Surveys	0	0	-	
26	9301014	Video Communications	2	2		
27	9301015	Other Corporate Comm Exp	1	1	-	
28				-	-	
29				-	-	
30				-	-	
31				-	-	
32				-	-	
33				-	-	
34				-	-	
35				-	-	
36				-	-	
37				-	-	
38		**Total (FERC Form 1 p.323.191.b)**	12	12	-	
		Account 930.2				
39	9302000	Misc General Expenses	3,495	3,495	-	
40	9302003	Corporate & Fiscal Expenses	844	844	-	
1	9302004	Research, Develop&Demonstr Exp	130	130	-	
2	9302007	Assoc Business Development Exp	(2)	-	(2)	
3				-	-	
4		**Total (FERC Form 1 p.323.192.b)**	4,466	4,468	(2)	

AEPTCo subsidiaries in PJM
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet G Supporting - Development of Composite State Income Tax Rate
AEP Appalachian Transmission Company

1	Tennessee Excise Tax Rate	6.50%	
	Apportionment Factor - Note 1	99.89%	
	Effective State Tax Rate		6.49%
2	Virginia State Tax Rate	6.00%	
	Apportionment Factor - Note 1	0.34%	
	Effective State Tax Rate		0.02%
3	_____ Tax Rate		
	Apportionment Factor - Note 1		
	Effective State Tax Rate		0.00%
4	_____ Tax Rate		
	Apportionment Factor - Note 1		
	Effective State Tax Rate		0.00%
5	_____ Tax Rate		
	Apportionment Factor - Note 1		
	Effective State Tax Rate		0.00%
	Total Effective State Income Tax Rate		6.51%

Note 1 Apportionment Factors are determined as part of the Company's annual tax return for that jurisdiction.

AEPTCo subsidiaries in PJM
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet H page 1 Supporting Taxes Other than Income
AEP Appalachian Transmission Company

Line No.	(A) Account	(B) Total Company NOTE 1	(C) Property	(D) Labor	(E) Other	(F) Non-Allocable
1	**Revenue Taxes**					
2	Gross Receipts Tax	-				-
3	**Real Estate and Personal Property Taxes**					
4	Real and Personal Property - West Virginia	-	-			
5	Real and Personal Property - Virginia	307	307			
6	Real and Personal Property - Tennessee	553,117	553,117			
7	Real and Personal Property - Other Jurisdictions	-	-			
8	**Payroll Taxes**					
9	Federal Insurance Contribution (FICA)	-		-		
10	Federal Unemployment Tax	-		-		
11	State Unemployment Insurance	-		-		
12	*Line Deliberately Left Blank*					
13	State Severance Taxes	-				-
14	**Miscellaneous Taxes**					
15	State Business & Occupation Tax	-				-
16	State Public Service Commission Fees	-			-	
17	State Franchise Taxes	343,798			343,798	
18	State Lic/Registration Fee	100			100	
19	Misc. State and Local Tax	-			-	
20	Sales & Use	3,348				3,348
21	Federal Excise Tax	-				-
22	Michigan Single Business Tax	-				-
23	Total Taxes by Allocable Basis	900,670	553,424	-	343,898	3,348

(Total Company Amount Ties to FFI p.114, Ln 14,(c))
NOTE 1: The detail of each total company number and its source in the FERC Form 1 is shown on WS H-1.

Functional Property Tax Allocation

		Lines 24-58 Column (B) Deliberately Left Blank	Transmission	Lines 24-58 Column (D) Deliberately Left Blank	General	Total
24	Functionalized Net Plant (TCOS, Lns 33 thru 36)	-	93,766,681	-	146,283	93,912,964
	WEST VIRGINIA JURISDICTION					
25	Percentage of Plant in WEST VIRGINIA JURISDICTION					
26	Net Plant in WEST VIRGINIA JURISDICTION (Ln 24 * Ln 25)	-	-	-	-	-
27	Less: Net Value of Exempted Generation Plant					
28	Taxable Property Basis (Ln 26 - Ln 27)	-	-	-	-	-
29	Relative Valuation Factor					-
30	Weighted Net Plant (Ln 28 * Ln 29)	-	-	-	-	
31	General Plant Allocator (Ln 30 / (Total - General Plant))	0.00%	100.00%	0.00%	-100.00%	
32	Functionalized General Plant (Ln 31 * General Plant)	-	-	-	-	-
33	Weighted WEST VIRGINIA JURISDICTION Plant (Ln 30 + 32)	-	-	-	-	-
34	Functional Percentage (Ln 33/Total Ln 33)	0.00%	100.00%	0.00%		
	TENNESSEE JURISDICTION					
35	Net Plant in TENNESSEE JURISDICTION (Ln 24 - Ln 26)	-	93,766,681	-	146,283	93,912,964
36	Less: Net Value Exempted Generation Plant					
37	Taxable Property Basis	-	93,766,681	-	146,283	93,912,964
38	Relative Valuation Factor					
39	Weighted Net Plant (Ln 37 * Ln 38)	-	-	-	-	
40	General Plant Allocator (Ln 39 / (Total - General Plant)	0.00%	100.00%	0.00%	-100.00%	
41	Functionalized General Plant (Ln 41 * General Plant)	-	-	-	-	
42	Weighted TENNESSEE JURISDICTION Plant (Ln 39 + 41)	-	-	-	-	-
43	Functional Percentage (Ln 42/Total Ln 42)	0.00%	100.00%	0.00%		

AEPTCo subsidiaries in PJM
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet H page 2 Form 1 Source Reference of Company Amounts on WS H
AEP Appalachian Transmission Company

Line No.	(A) Annual Tax Expenses by Type (Note 1)	(B) Total Company	(C) FERC FORM 1 Tie-Back	(D) FERC FORM 1 Reference
1	**Revenue Taxes**			
2	Gross Receipts Tax	-		

	(A) "Real Estate and Personal Propety Tax Detail Annual Tax Expenses by Type (Note 1)"	(B) Tax Year	(C) Total Company	(D) FERC FORM 1 Tie-Back	(E) FERC FORM 1 Reference	(F) Tax Year Factor (Note 2)	(G) Transmission Function (Note 2)
3	**Real Estate and Personal Property Taxes Total (Ln 4 + Ln 5 + Ln 6 + Ln 7)**		553,424				553,424
4	Real and Personal Property - West Virginia		-				-
							-
							-
							-
							-
							-
							-
5	Real and Personal Property - Virginia		307				307
		2022		307	P.263, Ln 19(i)	100%	307
							-
							-
							-
							-
							-
6	Real and Personal Property - Tennessee		553,117				553,117
		2022		(160,932)	P.263, Ln 17(i)	100%	(160,932)
		2023		714,049	P.263, Ln 18(i)	100%	714,049
							-
							-
							-
7	Real and Personal Property - Other Jurisdictions		-				-
							-

Line No.	(A) Annual Tax Expenses by Type (Note 1)	(B) Total Company	(C) FERC FORM 1 Tie-Back	(D) FERC FORM 1 Reference
8	**Payroll Taxes**			
9	Federal Insurance Contribution (FICA)	-		
10	Federal Unemployment Tax	-		
11	State Unemployment Insurance	-		
12	*Line Left Deliberately Blank*			
13	State Severance Taxes	-		
14	**Miscellaneous Taxes**			
15	State Business & Occupation Tax	-		
16	State Public Service Commission Fees	-		
17	State Franchise Taxes	343,798		
		2022	29,573	P.263 ln 29(i)
		2023	314,225	P.263 ln 30(i)
18	State Lic/Registration Fee	100		
			100	P.263 ln 32(i)
19	Misc. State and Local Tax	-		
20	Sales & Use	3,348		
			3,348	P.263 ln 22(i)
21	Federal Excise Tax	-		
22	Michigan Single Business Tax	-		
23	Total Taxes by Allocable Basis (Total Company Amount Ties to FFI p.114, Ln 14,(c))	900,670	900,670	

Note 1: The taxes assessed on each transmission company can differ from year to year and between transmission companies by both the type of taxes and the states in which they were assessed. Therefore, for each company, the types and jurisdictions of tax expense recorded on this page could differ from the same page in the same company's prior year template or from this page in other transmission companies' current year templates. For each update, this sheet will be revised to ensure that the total activity recorded hereon equals the total reported in account 408.1 on P. 114, Ln 14.(c) of the Ferc Form 1.

Note 2: The transmission functional amounts for any Real Estate and Property taxes listed on pages 263 of the FERC Form 1 will be allocated using the transmission functional allocator calculated for each state in Worksheet H of the applicable year that the taxes were assesed. Real and Personal Property - Other Jurisdictions will be allocated using the Gross Plant Allocator from the applicable year..

AEPTCo subsidiaries in PJM
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet I RESERVED
AEP Appalachian Transmission Company

AEPTCo subsidiaries in PJM
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet K Supporting Calculation of TRUE-UP PJM RTEP Project Revenue Requirement Billed to Benefiting Zones
AEP Appalachian Transmission Company

I. Calculate Return and Income Taxes with 0 basis point ROE increase for Projects Qualified for Regional Billing.

A. Determine 'R' with hypothetical 0 basis point increase in ROE for Identified Projects

ROE w/o incentives (TCOS, ln 138)			10.35%
Project ROE Incentive Adder			0
ROE with additional 0 basis point incentive			10.35%
Determine R (cost of long term debt, cost of preferred stock and equity percentage is from the True-Up TCOS, lns 136 through 138)			
	%	Cost	Weighted cost
Long Term Debt	57.15%	3.78%	2.160%
Preferred Stock	0.00%	0.00%	0.000%
Common Stock	42.85%	10.35%	4.435%
		R =	6.596%

B. Determine Return using 'R' with hypothetical 0 basis point ROE increase for Identified Projects.

Rate Base (True-Up TCOS, ln 58)	90,498,040
R (fom A. above)	6.596%
Return (Rate Base x R)	5,968,853

C. Determine Income Taxes using Return with hypothetical 0 basis point ROE increase for Identified Projects.

Return (from B. above)	5,968,853
Effective Tax Rate (TCOS, ln 97)	23.80%
Income Tax Calculation (Return x CIT)	1,420,695
ITC Adjustment	-
Excess Deferred Income Tax	1,381
Tax Affect of Permanent Differences	28,500
Income Taxes	1,450,575

II. Calculate Net Plant Carrying Charge Rate (Fixed Charge Rate or FCR) with hypothetical 0 basis point ROE increase.

A. Determine Annual Revenue Requirement less return and Income Taxes.

Annual Revenue Requirement (TCOS, ln 1)	14,434,489
Lease Payments (TCOS, Lns 80)	-
Return (TCOS, ln 109)	5,968,853
Income Taxes (TCOS, ln 108)	1,450,575
Annual Revenue Requirement, Less Lease Payments, Return and Taxes	7,015,061

B. Determine Annual Revenue Requirement with hypothetical 0 basis point increase in ROE.

Annual Revenue Requirement, Less Lease Payments, Return and Taxes	7,015,061
Return (from I.B. above)	5,968,853
Income Taxes (from I.C. above)	1,450,575
Annual Revenue Requirement, with 0 Basis Point ROE increase	14,434,489
Depreciation (TCOS, ln 83)	2,630,836
Annual Rev. Req, w/ 0 Basis Point ROE increase, less Depreciation	11,803,653

C. Determine FCR with hypothetical 0 basis point ROE increase.

Net Transmission Plant (Projected TCOS, ln 33)	93,766,681
Annual Revenue Requirement, with 0 Basis Point ROE increase	14,434,489
FCR with 0 Basis Point increase in ROE	15.39%
Annual Rev. Req, w / 0 Basis Point ROE increase, less Dep.	11,803,653
FCR with 0 Basis Point ROE increase, less Depreciation	12.59%
FCR less Depreciation (TCOS, ln 10)	12.59%
Incremental FCR with 0 Basis Point ROE increase, less Depreciation	0.00%

III. Calculation of Composite Depreciation Rate

Average Transmission Plant Balance for 2023 TCOS, ln 19	102,337,731
Annual Depreciation and Amortization Expense (TCOS, ln 83)	2,630,836
Composite Depreciation Rate	2.57%
Depreciable Life for Composite Depreciation Rate	38.90
Average Life in Whole Years	39

SUMMARY OF TRUED-UP ANNUAL REVENUE REQUIREMENTS FOR RTEPPROJECTS				
		Rev Require	W Incentives	Incentive Amounts
TRUE-UP YEAR	2023			
	As Projected in Prior Year WS J	#N/A	#N/A	#N/A
	Actual After True-up	#N/A	#N/A	#N/A
	True-up of ARR For 2023	#N/A	#N/A	#N/A

Note 1: Until AEP Appalachian Transmission Company establishes Transmission plant in service the depreciation expense component of the carrying charge will be calculated as in the Operating Company formula approved in Docket No. ER08-1329. The calculation for AEP Appalachian Transmission Company is shown on Worksheet P.

AEP Appalachian Transmission Company Worksheet K - ATRR TRUE-UP Calculation for PJM Projects Charged to Benefiting Zones

IV. Determine the Revenue Requirement, and Additional Revenue Requirement for facilities receiving incentives.

A. Base Plan Facilities

Facilities receiving incentives accepted by FERC in Docket No. (e.g. ER05-925-000)

Project Description:

2023	Rev Require	W Incentives	Incentive Amounts
Prior Yr Projected	#N/A	#N/A	#N/A
Prior Yr True-Up	#N/A	#N/A	#N/A
True-Up Adjustment	#N/A	#N/A	#N/A

Details

Investment		Current Year	2023
Service Year (yyyy)		ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)		FCR w/o incentives, less depreciation	12.59%
Useful life	39	FCR w/incentives approved for these facilities, less dep.	12.59%
CIAC (Yes or No)		Annual Depreciation Expense	-

TRUE UP OF PROJECT REVENUE REQUIREMENT FOR PRIOR YEAR:

CUMULATIVE HISTORY OF TRUED-UP ANNUAL REVENUE REQUIREMENTS:
INPUT TRUE-UP ARR (WITH & WITHOUT INCENTIVES) FROM EACH PRIOR YEAR
TEMPLATE BELOW TO MAINTAIN HISTORY OF TRUED-UP ARRS OVER THE
LIFE OF THE PROJECT.

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	Average Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't.From Prior Year WS J w/o Incentives	RTEP Rev Req't True-up w/o Incentives	RTEP Projected Rev. Req't.From Prior Year WS J with Incentives **	RTEP Rev Req't True-up with Incentives **	True-up of Incentive with Incentives **
-	-	-	-	-	-	-	$ -		$ -		$ -	$ -

AEPTCo subsidiaries in PJM
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet L RESERVED
AEP Appalachian Transmission Company

AEPTCo subsidiaries in PJM
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet M Supporting Calculation of Capital Structure and Weighted Average Cost of Capital
AEP Appalachian Transmission Company

		Average Balance of Common Equity				
Line No	Month (a)	Proprietary Capital (b)	Less: Preferred Stock (c)	Less Undistributed Sub Earnings (Acct 216.1) (d)	Less AOCI (Acct 219.1) (e)	Average Balance of Common Equity (f)=(b)-(c)-(d)-(e)
	(Note A)	(FF1 112.16)	(FF1 250-251)	(FF1 112.12)	(FF1 112.15)	
1	December Prior to Rate Year	42,553,407				42,553,407
2	January	43,066,126				43,066,126
3	February	43,621,174				43,621,174
4	March	44,007,492				44,007,492
5	April	44,445,900				44,445,900
6	May	44,839,842				44,839,842
7	June	45,458,942				45,458,942
8	July	46,008,877				46,008,877
9	August	46,537,195				46,537,195
10	September	47,042,688				47,042,688
11	October	47,631,104				47,631,104
12	November	48,169,951				48,169,951
13	December of Rate Year	47,316,053				47,316,053
14	Average of the 13 Monthly Balances	45,438,365	-	-	-	45,438,365

		Average Balance of Long Term Debt					
Line No	Month (a)	Bonds (b)	Less: Reacquired Bonds (c)	Acct 223 LT Advances from Assoc. Companies (d)	Acct 224 Senior Unsecured Notes (e)	Less: Fair Value Hedges (f)	Gross Proceeds Outstanding Long-Term Debt (g)=(b)-(c)+(d)+(e)-(f)
	(Note A)	(FF1 112.18)	(FF1 112.19)	(FF1 112.20)	(FF1 112.21)	FF1, page 257, Col. (h) - Note 1	
15	December Prior to Rate Year			60,600,000			60,600,000
16	January			60,600,000			60,600,000
17	February			60,600,000			60,600,000
18	March			60,600,000			60,600,000
19	April			60,600,000			60,600,000
20	May			60,600,000			60,600,000
21	June			60,600,000			60,600,000
22	July			60,600,000			60,600,000
23	August			60,600,000			60,600,000
24	September			60,600,000			60,600,000
25	October			60,600,000			60,600,000
26	November			60,600,000			60,600,000
27	December of Rate Year			60,600,000			60,600,000
28	Average of the 13 Monthly Balances	-	-	60,600,000	-	-	60,600,000

NOTE 1: The balance of fair value hedges on outstanding long term debt are to be excluded from the balance of long term debt included in the formula's capital structure. (Page 257 Column H of the FF1)

AEPTCo subsidiaries in PJM
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet M Supporting Calculation of Capital Structure and Weighted Average Cost of Capital
AEP Appalachian Transmission Company

Development of Cost of Long Term Debt Based on Average Outstanding Balance

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
29	**Annual Interest Expense for 2023**						
30	Interest on Long Term Debt - Accts 221 - 224 (256-257.33.i)			2,258,900			
31	Less: Total Hedge Gain/Expense Accumulated from p 256-257, col. (i) of FERC Form 1 included in Ln 30 and shown in 43 below.			-			
32	Amort of Debt Discount & Expense - Acct 428 (117.63.c)			32,053			
33	Amort of Loss on Reacquired Debt - Acct 428.1 (117.64.c)			-			
34	Less: Amort of Premium on Debt - Acct 429 (117.65.c)			-			
35	Less: Amort of Gain on Reacquired Debt - Acct 429.1 (117.66.c)			-			
36	**Total Interest Expense (Ln 30 - 31 + 32 + 33 - 34 - 35)**			**2,290,953**			
37	**Average Cost of Debt for 2023 (Ln 36/ ln 28 (g))**			**3.78%**			

CALCULATION OF HEDGE GAINS/LOSSES TO BE EXCLUDED FROM TCOS

38 AEP Appalachian Transmission Company may not include costs (or gains) related to interest hedging activities.

				Amortization Period	
	HEDGE AMOUNTS BY ISSUANCE (FROM p. 256-257 (i) of the FERC Form 1)	**(Amortization of (Gain)/Loss for 2023**	**Remaining Unamortized Balance**	**Beginning**	**Ending**
39					
40					
41					
42					
43	**Net (Gain)/Loss Hedge Amortization To Be Removed**	-	-	-	-

Development of Cost of Preferred Stock

44	Balance of Preferred Stock (Line 14 (c))		-
45	Dividends on Preferred Stock (Acct 437, FF1 118.29))		
46	Average Cost of Preferred Stock (Ln 45 / ln 44)		#DIV/0!

AEPTCo subsidiaries in PJM
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet N - Gains (Losses) on Sales of Plant Held For Future Use
AEP Appalachian Transmission Company

Note: Gain or loss on plant held for future are recorded in accounts 411.6 or 411.7 respectiviely. Sales will be funtionalized based on the description of that asset. Sales of transmission assets will be direct assigned; sales of general assets will be functionalized on labor. Sales of plant held for future use related to generation or distribution will not be included in the formula.

Line	(A) Date	(B) Property Description	(C) Function (T) or (G) T = Transmission G = General	(D) Basis	(E) Proceeds	(F) (Gain) / Loss	(G) Functional Allocator	(H) Functionalized Proceeds (Gain) / Loss	(I) FERC Account
1						-	0.000%	-	
2						-	0.000%	-	
3						-	0.000%	-	
4				Net (Gain) or Loss for		-		-	

AEPTCo subsidiaries in PJM
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Calculation of Post-employment Benefits Other than Pensions Expenses Allocable to Transmission Service
Worksheet O - PBOP Support
AEP Appalachian Transmission Company

PBOP	(A)		(B)
1	**Calculation of PBOP Expenses**		
2	**AEP System PBOP Rate**		
3	Total AEP System PBOP expenses		-$107,301,486
4	Base Year relating to retired personnel		$0
5	Amount allocated on Labor		-$107,301,486
6	Total AEP System Direct Labor Expense		$1,641,378,842
7	AEP System PBOP expense per dollar of direct labor (PBOP Rate)		-$0.065
8	Currently Approved PBOP Rate		-$0.078
9	Base PBOP TransCo labor expensed in current year		340,566
10	Allowable TransCo PBOP Expense for current year (Ln 8 * Ln 9)		-$26,564
11	Direct PBOP Expense per Actuarial Report		$0
12	Additional PBOP Ledger Entry (From Company Records)		$0
13	Medicare Credit		$0
14	PBOP Expenses From AEP Affiliates (From Company Records)		-$60,729
15	Actual PBOP Expense	(Sum Lines 11-14)	-$60,729
16	PBOP Adjustment	Line 10 less Line 15	$34,165

Note: PBOP Expense will be calculated in accordance with the settlement in Docket ER10-355.

As part of the annual update process, AEP will provide to transmission customers and include in its informational filing an independently prepared actuarial report that includes a ten (10) year forecast of PBOP expenses. During the annual update process conducted for rate year 2018 and every four years thereafter, Worksheet O will be used to determine whether the PBOP allowance rate ($PBOP per $Direct O&M Labor) should be adjusted going forward for the next four years. If the annual actuarial report issued during the year of any PBOP rate review projects PBOP costs during the next four years that, when allocated to the AEP Transmission Companies based on their projected direct labor expenses over that same projected four-year period, absent a change in the PBOP Rate, will likely cause the AEP East Transmission Companies to over or under collect their cumulative PBOP expenses by more than 20% of the projected next four year's total PBOP expense, taking into account the net over or under collection of such expenses during the previous four years, the PBOP rate shall be adjusted. In order to determine whether continued use of the then approved PBOP rate is likely to result in the AEP Companies' incurrence of a cumulative allowance of PBOP costs under the formula rate will result in a cumulative over or under-recoery of actual PBOP expenses exceeding 20% over the subsequent four year period, Worksheet O will be used to determine (a) the level of cumulative over or under collections of PBOP expense during the time since the PBOP allowance rate was last set, including carrying costs based on the weighted average cost of capital each year from the formula rate actual transmission cost-of-service (b) the cumulative net present value of projected PBOP costs during the next four years as estimated by the then current actuarial report, assuming a discount rate equal to the actual transmission cost of service average cost of capital for the immediately prior calendar year and (c) the cumulative net present value of continued collections over the next four years based on the projected AEP Transmission Companies direct labor expenses and the then effective PBOP allowance rate assuming a discount rate equal to the prior year weighted average cost of capital. If the absolute value of (a)+(b)-(c) exceeds 20% of (b), then the PBOP allowance rate used in the formula rate calculation shall be changed to the value that will cause the projected result of (a)+(b)-(c) to equal zero. If the projected over or under collection during the next four years, (a)+(b)-(c), is less than 20% of (b), then the PBOP Rate will continue in effect for the next four years at the then effective rate. If it is determined through this procedure AEP Companies will over-recover or under-recover actual PBOP expenses by more than 20% over the subsequent four-year period, AEP shall make a filing under FPA Section 205 to change the PBOP Rate stated in the formula rate shown on Worksheet O. No other changes to the formula rate may be included in that filing.

AEPTCo subsidiaries in PJM
Worksheet - P
DEPRECIATION RATES
FOR TRANSMISSION PLANT PROPERTY ACCOUNTS
EFFECTIVE AS OF JANUARY 1, 2023

AEP Appalachian Transmission Company

	PLANT ACCT.	RATES Note 1
TRANSMISSION PLANT		
Electric Storage Equipment (4)	351.0	0.00%
Structures & Improvements	352.0	2.22%
Station Equipment	353.0	2.75%
Towers & Fixtures	354.0	1.63%
Poles & Fixtures	355.0	3.72%
OH Conductor & Devices	356.0	1.99%
Underground Conduit	357.0	2.40%
Underground Conductor	358.0	4.64%
GENERAL PLANT		
Structures & Improvements	390.0	2.06%
Office Furniture & Equipment	391.0	3.25%
Transportation Equipment	392.0	3.45%
Stores Equipment	393.0	1.78%
Tools Shop & Garage Equipment	394.0	2.59%
Laboratory Equipment	395.0	3.50%
Communication Equipment	397.0	4.16%
Miscellaneous Equipment	398.0	5.02%
		2.71%

Note: APCo Transco Depreciation Rates are based on the APCO VA Depr Study to be filed in Case No. PUR-2022-00002.

Composite Depreciation Rate	APCo	WPCo	TOTAL
T-Plant (FF1 206.58.g)	4,710,200,340	170,051,684	4,880,252,024
T-Plant (FF1 206.58.b)	4,481,209,220	167,161,950	4,648,371,170
Average (Ln 1+ Ln 2)/2	4,595,704,780	168,606,817	4,764,311,597
Depreciation (FF1 336.7.f)	102,977,731	3,418,985	106,396,716
Composite Depreciation (Ln 3 / Ln 4)			**2.23%**

Note: AEP WEST VIRGINIA TRANSMISSION COMPANY shall initially use the composite depreciation rate for APCo and WPCo shown above to estimate depreciation expense for transmission projects in Worksheets J and K until a composite depreciation rate based on transmission plant in service and depreciation expenses recorded by AEP WEST VIRGINIA TRANSMISSION COMPANY for its own transmission facilities can be calculated in AEP WEST VIRGINIA TRANSMISSION COMPANY's the first Annual Update including a True-Up TCOS.

AEP East Consolidated Utility Capital Structure
Consolidation of Operating Companies' Capital Structure @ December 31, 2023
Worksheet Q Page 1

Line		Appalachian Power Company	Indiana Michigan Power Company	Kentucky Power Company	Kingsport Power Company	Ohio Power Company	Wheeling Power Company	AEP East Operating Companies' Consolidated Capital Structure
Development of Long Term Debt Balances at Year End								
1	Bonds (112.18.c&d)							-
2	Less: Reacquired Bonds (112.19.c&d)							-
3	LT Advances from Assoc. Companies (112.20.c&d)							-
4	Senior Unsecured Notes (112.21.c&d) Excludes Spent Nuc Fuel Disp Fund							-
5	Less: Fair Value Hedges (See Note on Ln 7 below)							-
6	**Total Long Term Debt Balance**	-	-	-	-	-	-	-
7	NOTE: The balance of fair value hedges on outstanding long term debt are to be excluded from the balance of long term debt included in the formula's capital structure. (page 257, Column H of the FF1)							
Development of Long Term Debt Interest Expense								
8	Interest on Long Term Debt (256-257.33.i)							-
9	Amort of Debt Discount & Expense (117.63.c)							-
10	Amort of Loss on Reacquired Debt (117.64.c)							-
11	Less: Amort of Premium on Debt (117.65.c)							-
12	Less: Amort of Gain on Reacquired Debt (117.66.c)							-
13	Less: Hedge Interest on pp 256-257(i)							-
14	**LTD Interest Expense**	-	-	-	-	-	-	-
Development of Cost of Preferred Stock and Preferred Dividends								
15	Dividend Rate (p. 250-251. 7.a)							
16	Par Value (p. 250-251. 8.c)							
17	Shares Outstanding (p.250-251. 8.e)							
18	Monetary Value (Ln 16 * Ln 17)	-	-	-	-	-	-	-
19	Dividend Amount (Ln 15 * Ln 18)	-	-	-	-	-	-	-
20	Dividend Rate (p. 250-251. 7.a)							
21	Par Value (p. 250-251. 8.c)							
22	Shares Outstanding (p.250-251. 8.e)							
23	Monetary Value (Ln 21 * Ln 22)	-	-	-	-	-	-	-
24	Dividend Amount (Ln 20 * Ln 23)	-	-	-	-	-	-	-
25	Dividend Rate (p. 250-251. 7.a)							
26	Par Value (p. 250-251. 8.c)							
27	Shares Outstanding (p.250-251. 8.e)							
28	Monetary Value (Ln 26 * Ln 27)	-	-	-	-	-	-	-
29	Dividend Amount (Ln 25 * Ln 28)	-	-	-	-	-	-	-
30	Dividend Rate (p. 250-251. 7.a)							
31	Par Value (p. 250-251. 8.c)							
32	Shares Outstanding (p.250-251. 8.e)							
33	Monetary Value (Ln 31 * Ln 32)	-	-	-	-	-	-	-
34	Dividend Amount (Ln 30 * Ln 33)	-	-	-	-	-	-	-
35	**Preferred Stock (Lns 18, 23, 28,33)**	-	-	-	-	-	-	-
36	**Preferred Dividends (Lns 19, 24, 29,34)**	-	-	-	-	-	-	-
Development of Common Equity								
37	Proprietary Capital (112.16.c)							-
38	Less: Preferred Stock (Ln 35 Above)	-	-	-	-	-	-	-
39	Less: Account 216.1 (112.12.c)							-
40	Less: Account 219.1 (112.15.c)							-
41	**Balance of Common Equity**	-	-	-	-	-	-	-
Calculation of Capital Shares								
42	Long Term Debt (Ln 6 Above)	-	-	-	-	-	-	-
43	Preferred Stock (Ln 35 Above)	-	-	-	-	-	-	-
44	Common Equity (Ln 41 Above)	-	-	-	-	-	-	-
45	Total Company Structure	-	-	-	-	-	-	-
46	LTD Capital Shares (Ln 42 / Ln 45)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
47	Preferred Stock Capital Shares (Ln 43 / Ln 45)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
48	Common Equity Capital Shares (Ln 44 / Ln 45)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
49	**Reserved**							
50	**Reserved**							
51	**Reserved**							
52	**Reserved**							
Calculation of Capital Cost Rate								
53	LTD Capital Cost Rate (Ln 14 / Ln 6)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
54	Preferred Stock Capital Cost Rate (Ln 36 / Ln 35)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
55	Common Equity Capital Cost Rate	11.49%	11.49%	11.49%	11.49%	11.49%	11.49%	11.49%
Calculation of Weighted Capital Cost Rate								
56	LTD Weighted Capital Cost Rate (Ln 46 * Ln 53)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
57	Preferred Stock Capital Cost Rate (Ln 47 * Ln 54)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
58	Common Equity Capital Cost Rate (Ln 48 * Ln 55)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
59	**Total Company Structure**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**

AEP East Consolidated Utility Capital Structure
Consolidation of Operating Companies' Capital Structure @ December 31, 2022
Worksheet Q Page 2

Line		Appalachian Power Company	Indiana Michigan Power Company	Kentucky Power Company	Kingsport Power Company	Ohio Power Company	Wheeling Power Company	AEP East Operating Companies' Consolidated Capital Structure
Development of Long Term Debt Balances at Year End								
60	Bonds (112.18.c&d)							-
61	Less: Reacquired Bonds (112.19.c&d)							-
62	LT Advances from Assoc. Companies (112.20.c&d)							-
63	Senior Unsecured Notes (112.21.c&d) Excludes Spent Nuc Fuel Disp Fund							-
64	Less: Fair Value Hedges (See Note on Ln 66 below)							-
65	**Total Long Term Debt Balance**	-	-	-	-	-	-	-
66	NOTE: The balance of fair value hedges on outstanding long term debt are to be excluded from the balance of long term debt included in the formula's capital structure. (p. 257, Column H of the FF1)							
Development of Long Term Debt Interest Expense								
67	Interest on Long Term Debt (256-257.33.i)							-
68	Amort of Debt Discount & Expense (117.63.c)							-
69	Amort of Loss on Reacquired Debt (117.64.c)							-
70	Less: Amort of Premium on Debt (117.65.c)							-
71	Less: Amort of Gain on Reacquired Debt (117.66.c)							-
72	Less: Hedge Interest on pp 256-257(i)							-
73	**LTD Interest Expense**	-	-	-	-	-	-	-
Development of Cost of Preferred Stock and Preferred Dividends								
74	Dividend Rate (p. 250-251. 7.a)							
75	Par Value (p. 250-251. 8.c)							
76	Shares Outstanding (p.250-251. 8.e)							
77	Monetary Value (Ln 75 * Ln 76)	-	-	-	-	-	-	-
78	Dividend Amount (Ln 74 * Ln 77)	-	-	-	-	-	-	-
79	Dividend Rate (p. 250-251. 7.a)							
80	Par Value (p. 250-251. 8.c)							
81	Shares Outstanding (p.250-251. 8.e)							
82	Monetary Value (Ln 80 * Ln 81)	-	-	-	-	-	-	-
83	Dividend Amount (Ln 79 * Ln 82)	-	-	-	-	-	-	-
84	Dividend Rate (p. 250-251. 7.a)							
85	Par Value (p. 250-251. 8.c)							
86	Shares Outstanding (p.250-251. 8.e)							
87	Monetary Value (Ln 85 * Ln 86)	-	-	-	-	-	-	-
88	Dividend Amount (Ln 84 * Ln 87)	-	-	-	-	-	-	-
89	Dividend Rate (p. 250-251. 7.a)							
90	Par Value (p. 250-251. 8.c)							
91	Shares Outstanding (p.250-251. 8.e)							
92	Monetary Value (Ln 90 * Ln 91)	-	-	-	-	-	-	-
93	Dividend Amount (Ln 89 * Ln 92)	-	-	-	-	-	-	-
94	**Preferred Stock (Lns 77, 82, 87,92)**	-	-	-	-	-	-	-
95	**Preferred Dividends (Lns 78, 83, 88,93)**	-	-	-	-	-	-	-
Development of Common Equity								
96	Proprietary Capital (112.16.c)							-
97	Less: Preferred Stock (Ln 94 Above)	-	-	-	-	-	-	-
98	Less: Account 216.1 (112.12.c)							-
99	Less: Account 219.1 (112.15.c)							-
100	**Balance of Common Equity**	-	-	-	-	-	-	-
Calculation of Capital Shares								
101	Long Term Debt (Ln 65 Above)	-	-	-	-	-	-	-
102	Preferred Stock (Ln 94 Above)	-	-	-	-	-	-	-
103	Common Equity (Ln 100 Above)	-	-	-	-	-	-	-
104	Total Company Structure	-	-	-	-	-	-	-
105	LTD Capital Shares (Ln 101 / Ln 104)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
106	Preferred Stock Capital Shares (Ln 102 / Ln 104)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
107	Common Equity Capital Shares (Ln 103 / Ln 104)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
108	**Reserved**							
109	**Reserved**							
110	**Reserved**							
111	**Reserved**							
Calculation of Capital Cost Rate								
112	LTD Capital Cost Rate (Ln 73 / Ln 65)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
113	Preferred Stock Capital Cost Rate (Ln 95 / Ln 94)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
114	Common Equity Capital Cost Rate	11.49%	11.49%	11.49%	11.49%	11.49%	11.49%	11.49%
Calculation of Weighted Capital Cost Rate								
115	LTD Weighted Capital Cost Rate (Ln 105 * Ln 112)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
116	Preferred Stock Capital Cost Rate (Ln 106 * Ln 113)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
117	Common Equity Capital Cost Rate (Ln 107 * Ln 114)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
118	**Total Company Structure**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**

AEP East Consolidated Utility Capital Structure
Consolidation of Operating Companies' Average Capital Structure
Worksheet Q Page 3

Line		Appalachian Power Company	Indiana Michigan Power Company	Kentucky Power Company	Kingsport Power Company	Ohio Power Company	Wheeling Power Company	AEP East Operating Companies' Consolidated Capital Structure
Development of Average Long Term Debt								
119	Average Bonds (Ln 1 + Ln 60) / 2	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
120	Less: Average Reacquired Bonds (Ln 2 + Ln 61) / 2	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
121	Average LT Advances from Assoc. Companies (Ln 3 + Ln 62) / 2	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
122	Average Senior Unsecured Notes (Ln 4 + Ln 63) / 2	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
123	Less: Average Fair Value Hedges (See Note on Ln 125 below)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
124	**Average Balance of Long Term Debt**	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
125	NOTE: The balance of fair value hedges on outstanding long term debt are to be excluded from the balance of long term debt included in the formula's capital structure. (p. 257, Column H of the FF1)							
Development of Long Term Debt Interest Expense								
126	Interest on Long Term Debt (256-257.33.i)	-	-	-	-	-	-	-
127	Amort of Debt Discount & Expense (117.63.c)	-	-	-	-	-	-	-
128	Amort of Loss on Reacquired Debt (117.64.c)	-	-	-	-	-	-	-
129	Less: Amort of Premium on Debt (117.65.c)	-	-	-	-	-	-	-
130	Less: Amort of Gain on Reacquired Debt (117.66.c)	-	-	-	-	-	-	-
131	Less: Hedge Interest on pp 256-257(i)	-	-	-	-	-	-	-
132	**LTD Interest Expense**	-	-	-	-	-	-	-
Cost of Preferred Stock and Preferred Dividends								
133	Average Balance of Preferred Stock (Ln 35 + Ln 94) / 2	-	-	-	-	-	-	-
134	Preferred Dividends (Ln 36)	-	-	-	-	-	-	-
Development of Average Common Equity								
135	Average Proprietary Capital (Ln 37 + Ln 96) / 2	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
136	Less: Average Preferred Stock (Ln 133 Above)	-	-	-	-	-	-	-
137	Less: Average Account 216.1 (Ln 39 + Ln 98) / 2	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
138	Less: Average Account 219.1 (Ln 40 + Ln 99) / 2	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
139	**Average Balance of Common Equity**	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Calculation of Capital Shares								
140	Average Balance of Long Term Debt (Ln 124 Above)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
141	Average Balance of Preferred Stock (Ln 133 Above)	-	-	-	-	-	-	-
142	Average Balance of Common Equity (Ln 139 Above)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
143	Average of Total Company Structure	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
144	Average Balance of LTD Capital Shares (Ln 140 / Ln 143)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
145	Average Balance of Preferred Stock Capital Shares (Ln 141 / Ln 143)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
146	Average Balance of Common Equity Capital Shares (Ln 142 / Ln 143)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
147	**Reserved**							
148	**Reserved**							
149	**Reserved**							
150	**Reserved**							
Calculation of Capital Cost Rate								
151	LTD Capital Cost Rate (Ln 132 / Ln 124)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
152	Preferred Stock Capital Cost Rate (Ln 134 / Ln 133)	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
153	Common Equity Capital Cost Rate	11.49%	11.49%	11.49%	11.49%	11.49%	11.49%	11.49%
Calculation of Weighted Capital Cost Rate								
154	LTD Weighted Capital Cost Rate (Ln 144 * Ln 151)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
155	Preferred Stock Capital Cost Rate (Ln 145 * Ln 152)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
156	Common Equity Capital Cost Rate (Ln 146 * Ln 153)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
157	**ACTUAL WEIGHTED AVG COST OF CAPITAL**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**	**#DIV/0!**

AEPTCo Subsidiaries in PJM
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet R - True-up With Interest

Reconciliation Revenue Requirement For Year 2018 Available May 25, 2019		2018 Forecasted Revenue Requirement For Year 2018		True-up Adjustment Over (Under) Recovery
$0	-	$0	=	$0

Interest Rate on Amount of Refunds or Surcharges (Note 1)		Over (Under) Recovery Plus Interest	Average Monthly Interest Rate	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed
			0.4095%				
An over or under collection will be recovered prorata over 2018, held for 2019 and returned prorate over 2020							
Calculation of Interest					**Monthly**		
January	Year 2018	-	0.4095%	12	-		-
February	Year 2018	-	0.4095%	11	-		-
March	Year 2018	-	0.4095%	10	-		-
April	Year 2018	-	0.4095%	9	-		-
May	Year 2018	-	0.4095%	8	-		-
June	Year 2018	-	0.4095%	7	-		-
July	Year 2018	-	0.4095%	6	-		-
August	Year 2018	-	0.4095%	5	-		-
September	Year 2018	-	0.4095%	4	-		-
October	Year 2018	-	0.4095%	3	-		-
November	Year 2018	-	0.4095%	2	-		-
December	Year 2018	-	0.4095%	1	-		-
					-		-
					Annual		
January through December	Year 2019	-	0.4095%	12	-		-
Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months					**Monthly**		
January	Year 2020	-	0.4095%		-	-	-
February	Year 2020	-	0.4095%		-	-	-
March	Year 2020	-	0.4095%		-	-	-
April	Year 2020	-	0.4095%		-	-	-
May	Year 2020	-	0.4095%		-	-	-
June	Year 2020	-	0.4095%		-	-	-
July	Year 2020	-	0.4095%		-	-	-
August	Year 2020	-	0.4095%		-	-	-
September	Year 2020	-	0.4095%		-	-	-
October	Year 2020	-	0.4095%		-	-	-
November	Year 2020	-	0.4095%		-	-	-
December	Year 2020	-	0.4095%		-	-	-
					-		
True-Up Adjustment with Interest						-	
Less Over (Under) Recovery						-	
Total Interest						-	

Note 1: The interest rate to be applied to the over recovery or under recovery amounts will be determined using the average monthly FERC interest rate (as determined pursuant to 18 C.F.R. Section 35.19a) for the twenty (20) months from the beginning of the rate year being trued-up through August 31 of the following year.