For Twelve Months Ended 2024

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

AEP Kentucky Transmission Company

Line No.			Total	Allocator		Transmission Amount
1	REVENUE REQUIREMENT (w/o incentives)	(ln 113)				$21,839,469
2	REVENUE CREDITS	(Worksheet E, ln 8) (Note A)	408,708	DA	1.00000	$ 408,708
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)				$ 21,430,760

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)		5,006,132	DA	1.00000	$ 5,006,132
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))				15.93%
8	Monthly Rate	(ln 7 / 12)				1.33%
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))				13.31%
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))				3.52%
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				100,977
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)				100,977

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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)	157,627,616	DA	1.00000	157,627,616
20	Less: Transmission ARO (Enter Negative)	(Worksheet A ln 14.(e))	-	TP	1.00000	-
21	General Plant	(Worksheet A ln 14.(h))	25,305,672	W/S	1.00000	25,305,672
22	Less: General Plant ARO (Enter Negative)	(Worksheet A ln 14.(i))	-	W/S	1.00000	-
23	Intangible Plant	(Worksheet A ln 14.(j))	2,021,090	W/S	1.00000	2,021,090
24	TOTAL GROSS PLANT	(Sum of Lines: 19 to 23)	184,954,379	**GP=**	**1.000000**	184,954,379
				GTD=	**1.00000**	
25	ACCUMULATED DEPRECIATION AND AMORTIZATION					
26	Transmission	(Worksheet A ln 28.(d) & Ln 43.(b))	20,505,397	**TP1=**	1.00000	20,505,397
27	Less: Transmission ARO (Enter Negative)	(Worksheet A ln 28.(e))	-	**TP1=**	1.00000	-
28	General Plant	(Worksheet A ln 28.(h))	2,822,153	W/S	1.00000	2,822,153
29	Less: General Plant ARO (Enter Negative)	(Worksheet A ln 28.(i))	-	W/S	1.00000	-
30	Intangible Plant	(Worksheet A ln 28.(j))	1,041,228	W/S	1.00000	1,041,228
31	TOTAL ACCUMULATED DEPRECIATION	(Sum of Lines: 26 to 30)	24,368,779			24,368,779
32	NET PLANT IN SERVICE					
33	Transmission	(ln 19 + ln 20 - ln 26 - ln 27)	137,122,219			137,122,219
34	General Plant	(ln 21 + ln 22 - ln 28 - ln 29)	22,483,519			22,483,519
35	Intangible Plant	(ln 23 - ln 30)	979,862			979,862
36	TOTAL NET PLANT IN SERVICE	(Sum of Lines: 33 to 35)	160,585,600	**NP=**	**1.000000**	160,585,600
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)	(21,476,037)	DA		(17,092,217)
40	Account No. 283.1 (enter negative)	(Worksheet B, ln 12 & ln 15.E)	(2,605,066)	DA		(2,605,066)
41	Account No. 190.1	(Worksheet B, ln 17 & ln 20.E)	909,950	DA		3,094,972
42	Account No. 255 (enter negative)	(Worksheet B, ln 24 & ln 25.E)	-	DA		-
43	TOTAL ADJUSTMENTS	(sum lns 38 to 42)	(23,171,154)			(16,602,311)
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)	178,532			178,532
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))	20,895	GP	1.00000	20,895
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)	199,427			199,427
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)		137,613,874			144,182,716

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

AEP Kentucky 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	1,529,235			
62	TOTAL O&M EXPENSES	(sum lns 59 to 61)	1,529,235			
63	Less: Total Account 561	(Note G) (Worksheet F, ln 14.C)	100,977			
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)	1,428,258	TP	1.00000	1,428,258
67	Administrative and General	323.197.b (Notes J & M)	837,245			
68	Less: Acct. 924, Property Insurance	323.185.b	38,839			
69	Acct. 928, Reg. Com. Exp.	323.189.b	5,256			
70	Acct. 930.1, Gen. Advert. Exp.	323.191.b	12			
71	Acct. 930.2, Misc. Gen. Exp.	323.192.b	6,828			
72	Balance of A & G	(ln 67 - sum ln 68 to ln 71)	786,310	W/S	1.00000	786,310
73	Plus: Acct. 924, Property Insurance	(ln 68)	38,839	GP(h)	1.00000	38,839
74	Acct. 928 - Transmission Specific	Worksheet F ln 21.(E) (Note L)	4,942	TP	1.00000	4,942
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 43.(E) (Note L)	1	DA	1.00000	1
77	PBOP Adjustment	Worksheet O Ln 16.(B), (Note K & M)	(20,625)	W/S	1.00000	(20,625)
78	A & G Subtotal	(sum lns 72 to 77)	809,467			809,467
79	O & M EXPENSE SUBTOTAL	(ln 66 + ln 78)	2,237,725			2,237,725
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)	2,237,725			2,237,725
82	DEPRECIATION AND AMORTIZATION EXPENSE					
83	Transmission	336.7.f	3,582,207	TP1	1.00000	3,582,207
84	General	336.10.f	927,314	W/S	1.00000	927,314
85	Intangible	336.1.f	354,208	W/S	1.00000	354,208
86	TOTAL DEPRECIATION AND AMORTIZATION	(Ln 83+84+85)	4,863,729			4,863,729
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)	1,310,349	DA	1.00000	1,310,349
92	Gross Receipts/Sales & Use	Worksheet H ln 23.(F)	-	NA	0.00000	-
93	Other	Worksheet H ln 23.(E)	-	GP	1.00000	-
94	TOTAL OTHER TAXES	(sum lns 89 to 93)	1,310,349			1,310,349
95	INCOME TAXES	(Note O)				
96	T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =		24.90%			
97	EIT=(T/(1-T)) * (1-(WCLTD/WACC)) =		25.52%			
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)		1.3315			
101	Amortized Investment Tax Credit (enter negative)	(FF1 p.114, ln 19.c)	-			
102	Excess Deferred Income Tax	(Note T)	14,536	NP(h)	1.00000	14,536
103	Tax Effect of Permanent and Flow-Through Differences	(Note T)	39,928	NP(h)	1.00000	39,928
104	Income Tax Calculation	(ln 97 * ln 109)	2,591,535			2,715,239
105	ITC adjustment	(ln 100 * ln 101)	-	NP(h)	1.00000	-
106	Excess Deferred Income Tax	(ln 100 * ln 102)	19,355			19,355
107	Tax Effect of Permanent and Flow-Through Differences	(ln 100 * ln 103)	53,165			53,165
108	TOTAL INCOME TAXES	(sum lns 104 to 107)	2,664,055			2,787,759
109	RETURN ON RATE BASE (Rate Base*WACC)	(ln 58 * ln 139)	10,155,162			10,639,907
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)		21,231,019			21,839,469

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AEP Kentucky Transmission Company

SUPPORTING CALCULATIONS

ln No.										
	TRANSMISSION PLANT INCLUDED IN PJM TARIFF									
114	Total transmission plant	(ln 19)								157,627,616
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)								157,627,616
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	-	542,733	542,733	TP	1.00000			542,733
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)	-	542,733	542,733					542,733
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))								**2,409,998**
129	Preferred Dividends	(Worksheet M, ln. 45, col.(d))								-
130	Development of Common Stock:									
131	Proprietary Capital	(Worksheet M, ln. 14, col.(b))								77,859,839
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)								77,859,839
				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))			64,000,000	45.11%	45.11%	3.77%			0.0170
137	Preferred Stock (ln 132)			-	0.00%	0.00%	0.00%			0.0000
138	Common Stock (ln 135)			77,859,839	54.89%	54.89%	10.35%			0.0568
139	Total (Sum lns 136 to 138)			141,859,839	100.00%				**WACC=**	**0.0738**
140	Capital Structure Equity Limit (Note Z)		55.00%							

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AEP Kentucky Transmission Company

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 Kentucky 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= 4.93% (State Income Tax Rate or Composite SIT. Worksheet G)) p = 0.00% (percent of federal income tax deductible for state purposes)
P	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. 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 liabilities 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 Kentucky 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	158,275,880	-	25,203,963	-	2,066,376
2	January	158,372,818	-	25,203,964	-	2,077,166
3	February	158,455,149	-	25,203,964	-	2,088,709
4	March	158,496,126	-	25,300,578	-	2,021,054
5	April	158,490,228	-	25,247,096	-	2,029,924
6	May	158,797,347	-	25,248,474	-	2,041,593
7	June	158,795,249	-	25,248,474	-	2,002,115
8	July	158,860,275	-	25,248,474	-	2,011,643
9	August	143,993,546	-	25,308,042	-	2,019,025
10	September	159,231,893	-	25,308,041	-	1,980,996
11	October	159,012,384	-	25,482,435	-	1,994,489
12	November	159,195,616	-	25,485,121	-	2,022,693
13	December of Rate Year	159,182,500	-	25,485,113	-	1,918,388
14	Average of the 13 Monthly Balances	157,627,616	-	25,305,672	-	2,021,090

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	18,774,211	-	2,361,905	-	971,112
16	January	19,074,657	-	2,438,356	-	1,002,003
17	February	19,363,283	-	2,513,441	-	1,033,073
18	March	19,664,083	-	2,589,892	-	986,978
19	April	19,964,949	-	2,668,163	-	1,017,113
20	May	20,265,808	-	2,744,817	-	1,047,396
21	June	20,567,406	-	2,821,478	-	1,029,416
22	July	20,866,598	-	2,898,139	-	1,059,236
23	August	21,168,295	-	2,974,799	-	1,089,214
24	September	21,433,088	-	3,052,182	-	1,068,300
25	October	21,512,205	-	3,129,123	-	1,095,484
26	November	21,806,887	-	3,206,689	-	1,122,893
27	December of Rate Year	22,108,695	-	3,289,005	-	1,013,750
28	Average of the 13 Monthly Balances	20,505,397	-	2,822,153	-	1,041,228

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

Line No	Month (a) (Note A)	OATT Ancillary Services (GSU) Plant In Service (b) Company Records (included in total in column (d) of gross plant above)	OATT Ancillary Services (GSU) Accumulated Depreciation (c) Company Records (included in total in column (d) of accumulated depreciation above)	Excluded Plant - Plant In Service (d) Company Records	Excluded Plant - Accumulated Depreciation (e) 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	20,505,397

	Plant Held For Future Use (a)	Source of Data (b)	Balance @ December 31, 2024 (c)	Balance @ December 31, 2023 (d)	Average Balance for 2024 (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 Kentucky 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 Kentucky Transmission Company

Line Number	(A) Description	(B) Source	(C) Balance @ December 31, 2024	(D) Balance @ December 31, 2023	(E) Average Balance for 2024
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)	21,897,365	21,054,710	21,476,037
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)	4,382,903	4,384,738	4,383,820
10	Transmission Related Deferrals	Ln 7 - ln 8 - ln 9	17,514,462	16,669,972	17,092,217
11	**Account 283**				
12	Year End Utility Deferrals	FF1, p. 276 - 277, ln 9, Col. (k)	2,822,933	2,387,199	2,605,066
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)	-	-	-
15	Transmission Related Deferrals	Ln 12 - ln 13 - ln 14	2,822,933	2,387,199	2,605,066
16	**Account 190**				
17	Year End Utility Deferrals	FF1, p. 234, ln 8, Col. (c)	806,073	1,013,826	909,950
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)	(1,708,580)	(2,661,464)	(2,185,022)
20	Transmission Related Deferrals	Ln 17 - ln 18 - ln 19	2,514,653	3,675,290	3,094,972
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 Kentucky Transmission Company
SPECIFIED DEFERRED CREDITS - Actual Cycle Only
PERIOD ENDED DECEMBER 31, 2024

(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	FUNCTIONALIZATION AVERAGE			FUNCTIONALIZATION 12/31/2023			FUNCTIONALIZATION 12/31/2024		
	ACCUMULATED DEFERRED FIT ITEMS	BALANCE AS OF 12-31-2023	BALANCE AS OF 12-31-2024	BALANCE AS OF 12-31-2023	BALANCE AS OF 12-31-2024	ELECTRIC UTILITY (B+C+D+E)/2	GENERATION	TRANSMISSION	DISTRIBUTION	GENERATION	TRANSMISSION	DISTRIBUTION	GENERATION	TRANSMISSION	DISTRIBUTION
1.00	ACCOUNT 281:														
2.01															
2.02		0	0			0	0	0	0						
2.03															
2.04		0	0	0	0	0									
2.05		0	0	0	0	0									
2.06		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	0	0			0	0	0	0		-			-	
5.02	481 a BONUS DEPRECIATION	0	0			0	0	0	0		-			-	
5.03	TAX DEPRECIATION LOOKBACK	0	0			0	0	0	0		-			-	
5.04	GAIN/LOSS ON ACRS/MACRS PROPERTY	0	0			0	0	0	0		-			-	
5.05	ABFUDC	0	0			0	0	0	0		-			-	
5.06	INT EXP CAPITALIZED FOR TAX	0	0			0	0	0	0		-			-	
5.07	BOOK/TAX UNIT OF PROPERTY ADJ	0	0			0	0	0	0		-			-	
5.08	TX ACCEL AMORT - CAPITALIZED SOFTWARE	0	0			0	0	0	0		-			-	
5.09	CAPITALIZED SOFTWARE COST-BOOK	0	0			0	0	0	0		-			-	
5.10	REMOVAL CST	0	0			0	0	0	0		-			-	
5.11	EXCESS ADFIT - PROTECTED	0	0			0	0	0	0		-			-	
5.12	EXCESS ADFIT - UNPROTECTED	0	0			0	0	0	0		-			-	
5.13	2010 - EXCESS ADFIT 282 - PROTECTED.	5,657,322	5,654,956			5,656,139	0	5,656,139	0		5,657,322			5,654,956	
5.14	2011 - EXCESS ADFIT 282 - UNPROTECTED.	239,041	179,281			209,161	0	209,161	0		239,041			179,281	
5.15	6002 - PT AFUDC Debt - NORM	458,527	470,610			464,569	0	464,569	0		458,527			470,610	
5.16	6009 - PT COR - NORM	20,319	21,963			21,141	0	21,141	0		20,319			21,963	
5.17	6011 - PT CPI - NORM	(925,304)	(942,312)			(933,808)	0	(933,808)	0		(925,304)			(942,312)	
5.18	6018 - PT Method/Life - NORM	15,670,050	16,578,110			16,124,080	0	16,124,080	0		15,670,050			16,578,110	
5.19	6024 - PT Repairs UOP - NORM	62,647	62,647			62,647	0	62,647	0		62,647			62,647	
5.20	6523 - 2020 712L 481(a) Software	(127,892)	(127,891)			(127,891)	0	(127,891)	0		(127,892)			(127,891)	
5.21	NOL ADJUSTMENT	(4,384,738)	(4,382,903)			(4,383,820)	0	(4,383,820)	0		(4,384,738)			(4,382,903)	
5.22	NOL CONTRA	4,384,738	4,382,903	(4,384,738)	(4,382,903)	0									
5.23	NON-UTILITY DEFERRED FIT	-	-	0	0	0									
5.24	SFAS 109 FLOW-THRU 282.3	1,476,429	1,465,075	(1,476,429)	(1,465,075)	0									
5.25	SFAS 109 EXCESS DFIT 282.4	(5,896,363)	(5,834,237)	5,896,363	5,834,237	0									
6	TOTAL ACOUNT 282	16,634,776	17,528,202	35,196	(13,740)	17,092,218	0	17,092,217	0	0	16,669,972	0	0	17,514,462	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 C/F - DEF STATE TAX ASSET - L/T	0	0			0	0	0	0					-		
9.02	REG ASSET-FERC Formula Rates Under Recvr	0	0			0	0	0	0					-		
9.03	EXCESS ADFIT - UNPROTECTED	0	0			0	0	0	0					-		
9.04	2012 - EXCESS ADFIT 283 - UNPROTECTED.	(300,243)	(225,173)			(262,708)	0	(262,708)	0					(300,243)		
9.05	7423 - REG ASSET-FERC Formula Rates Under Recvr	48,815	33,234			41,024	0	41,024	0					48,815		
9.06	NOL ADJUSTMENT	-	-			0	0	0	0							
9.07	NOL CONTRA	-	-	0	0	0										
9.08	SFAS 109 FLOW-THRU 283.3	490,531	485,691	(490,531)	(485,691)	0										
9.09	SFAS 109 EXCESS DFIT 283.4	300,243	225,173	(300,243)	(225,173)	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		539,347	518,925	(790,775)	(710,864)	(221,684)	0	(221,684)	0	0	(251,428)	0	0	(191,940)	0	
11	DEFD STATE INCOME TAXES	2,638,626	3,014,873			2,826,749	0	2,826,749	0		2,638,626			3,014,873		
11.01	SFAS 109 - DEFD STATE INCOME TAXES	466,966	458,291	(466,966)	(458,291)	0										
12	TOTAL ACCOUNT 283	3,644,939	3,992,088	(1,257,740)	(1,169,155)	2,605,065	0	2,605,066	0	0	2,387,199	0	0	2,822,933	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 Kentucky Transmission Company
ACCUMULATED DEFERRED INCOME TAX IN ACCOUNT 190 - Actual Cycle Only
PERIOD ENDED DECEMBER 31, 2024

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 12/31/2023			FUNCTIONALIZATION 12/31/2024		
	ACCUMULATED DEFERRED FIT ITEMS	BALANCE AS OF 12-31-2023	BALANCE AS OF 12-31-2024	BALANCE AS OF 12-31-2023	BALANCE AS OF 12-31-2024	(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	ACCRUED INTEREST-LONG-TERM - FIN 48	0	0			0	0	0	0		-			-	
2.03	PROV POSS REV REFDS	0	0			0	0	0	0		-			-	
2.04	ACCRD COMPANYWIDE INCENTV PLAN	0	0			0	0	0	0		-			-	
2.05	DEFD STATE INCOME TAXES	0	0			0	0	0	0		-			-	
2.06	State Property Mod - KY	0	0			0	0	0	0		-			-	
2.07	ACRS BENEFIT NORMALIZED	0	0			0	0	0	0		-			-	
2.08	GAIN/LOSS ON ACRS/MACRS PROPERTY	0	0			0	0	0	0		-			-	
2.09	ABFUDC	0	0			0	0	0	0		-			-	
2.10	INT EXP CAPITALIZED FOR TAX	0	0			0	0	0	0		-			-	
2.11	BOOK/TAX UNIT OF PROPERTY ADJ	0	0			0	0	0	0		-			-	
2.12	TX ACCEL AMORT - CAPITALIZED SOFTWARE	0	0			0	0	0	0		-			-	
2.13	REG ASSET-FERC Formula Rates Under Recvr	0	0			0	0	0	0		-			-	
2.14	CAPITALIZED SOFTWARE COST-BOOK	0	0			0	0	0	0		-			-	
2.15	CAPITALIZED SOFTWARE COST-BOOKS	0	0			0	0	0	0		-			-	
2.16	REMOVAL CST	0	0			0	0	0	0		-			-	
2.17	AMT CREDIT - DEFERRED	0	0			0	0	0	0		-			-	
2.18	NOL-DEFERRED TAX ASSET RECLASS	0	0			0	0	0	0		-			-	
2.19	3091 - TAX CREDIT C/F W DEF TAX	0	0			0	0	0	0		-			0	
2.20	3501 - TAX CREDIT C/F - DEF TAX ASSET(OLD)	0	0			0	0	0	0		0			-	
2.21	6002 - PT AFUDC Debt - NORM	22,860	23,218			23,039	0	23,039	0		22,860			23,218	
2.22	6009 - PT COR - NORM	1,013	1,084			1,048	0	1,048	0		1,013			1,084	
2.23	6011 - PT CPI - NORM	(46,131)	(46,489)			(46,310)	0	(46,310)	0		(46,131)			(46,489)	
2.24	6018 - PT Method/Life - NORM	781,230	817,881			799,556	0	799,556	0		781,230			817,881	
2.25	6024 - PT Repairs UOP - NORM	3,123	3,091			3,107	0	3,107	0		3,123			3,091	
2.26	6523 - 2020 712L 481(a) Software	(6,376)	(6,309)			(6,343)	0	(6,343)	0		(6,376)			(6,309)	
2.27	7021 - PROVS POSS REV REFDS-A/L	436,795	164,651			300,723	0	300,723	0		436,795			164,651	
2.28	7027 - INSURANCE PREMIUMS ACCRUED	0	(911)			(455)	0	(455)	0		-			(911)	
2.29	7048 - ACCRD COMPANYWIDE INCENTV PLAN	(0)	676			338	0	338	0		(0)			676	
2.30	7065 - ACCRUED INTEREST-LONG-TERM - FIN 48	1	1			1	0	1	0		1			1	
2.31	7423 - REG ASSET-FERC Formula Rates Under Recvr	2,434	1,640			2,037	0	2,037	0		2,434			1,640	
2.32	9012 - State Property Mod - KY	(181,122)	(152,458)			(166,790)	0	(166,790)	0		(181,122)			(152,458)	
2.33	NOL ADJUSTMENT	2,661,464	1,708,580			2,185,022	0	2,185,022	0		2,661,464			1,708,580	
2.34	NOL CONTRA	(2,661,464)	(1,708,580)	2,661,464	1,708,580	0									
2.35	NON-UTILITY DEFERRED FIT	0	-	(0)	0	0									
2.36	SFAS 109 FLOW-THRU 190.3	98,063	96,241	(98,063)	(96,241)	0									
2.37	SFAS 109 EXCESS DFIT 190.4	1,859,225	1,859,477	(1,859,225)	(1,859,477)	0									
2.38	SFAS 133 ADIT FED - SFAS NONAFFIL 1900006	-	-	0	0	0									
2.39	ADIT FED - PENSION OCI NAF 1900009	-	-	0	0	0									
2.40	ADIT-FED-HDG-CF-INT RATE1900015	-	-	0	0	0									
2.41	DEFERRED SIT 1901002	0	0			0	0	0	0		-			-	
3	TOTAL ACCOUNT 190	2,971,114	2,761,792	704,176	(247,139)	3,094,973	0	3,094,972	0	0	3,675,290	0	0	2,514,653	0
4	ACCOUNT 190 - ARO-Related Deferals	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
								1/1/2024 Beginning Balances			Balance Sheet Entries		Tax Expense Entries		12/31/2024 Ending Balance		
Line No.	Utility Account (NOTE A)	Description of Account	Protected Unprotected	Tax Rate Change Act	Excess / Deficient Balance at Remeasurement	Amortization Methodology (NOTE C)	Amotization Period	Excess / Deficient ADIT Regulatory Offset	Excess / Deficient ADIT in Utility Deferrals	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	Excess / Deficient ADIT in Utility Deferrals	Reference
															Sum of Cols (I) - (O)		
	Deferred Tax Account (NOTE B)																
1a	1904001	ADFIT - FAS 109 Excess	N/A	TCJA 2017				1,859,226				252			1,859,478		WS B - 2 Col B/C, ADIT Item 2.12
1b	2821001	ADFIT - Utility Property	Protected	TCJA 2017	(171,531,496)	**ARAM**	**Life of Asset**		(5,657,323)				2,366	-		(5,654,957)	
1c	2821001	ADFIT - Utility Property	Unprotected	TCJA 2017	-	**10 Years**	**1/2018 - 12/2027**		(239,041)				59,760	-		(179,281)	WS B - 1 Col N, ADIT Items 5.11 & 5.12
1d	2824001	ADFIT - Utility Property FAS 109 Excess	Protected	TCJA 2017				5,657,323				(2,366)			5,654,957		WS B - 1 Col B/C, ADIT Item 5.17
1e	2824001	ADFIT - Utility Property FAS 109 Excess	Unprotected	TCJA 2017				239,044				(59,760)			179,284		
1f	2831001	ADFIT - Other Utility Deferrals	Unprotected	TCJA 2017	2,463,331	**10 Years**	**1/2018 - 12/2027**		300,247				(75,070)	-		225,177	WS B - 1 Col N, ADIT Item 9.03
1g	2834001	ADFIT - Other FAS 109 Excess	Unprotected	TCJA 2017				(300,247)				75,070			(225,177)		WS B - 1 Col B/C, ADIT Item 9.08
1h	**NOTE D**																
	Regulatory Deferral Accounts																
2a	182.3	Regulatory Asset		TCJA 2017				-							-		Company Records
2b	254	Regulatory Liability		TCJA 2017				(7,455,346)				(13,196)			(7,468,542)		Company Records
2c	**NOTE D**																
3		Total For Accounting Entires (Sum of Lines 1a through 2b)						0	(5,596,117)	-	-	-	12,944	-	-	(5,609,061)	
													NOTE E				

NOTE A In order to ensure ratebase neutrality, AEP utilizes the fourth digit of its seven digit FERC Tax subaccount numbers to identify balances associated with uitlity operations vs regulatory reporting requirements. A "1" in the fourth digit of a FERC tax account refers to the utility operations balance or entry. Accounts with the "1" designation will be included in the determination of ratebase to be recovered in the formula rate. A "4" in the four place of the account number indicates accounts used to track regulatory accounting requirements. The excess ADIT amounts recorded in accounts with the "4" designation will be contra to the "1" balance, which will ensure that in the formula rate the excess amount will be part of ratebase, but at the total FERC account level the tax asset or liability will be recorded at the current Federal FIT rate. The amounts recored in the "4" will be offset on a net basis in the regulatory asset or liability subaccount established for this purpose.

NOTE B: This amount represents the FIT gross up recorded on the regulatory assets and liabilities will be reported on the first line of ADIT accounts provided for each specific change in tax rates.

NOTE C: The amounts of the remeasurement shown here are as of the effective date of the change in tax rates and will remain static on this workpaper. The derivation of this amount, along with the pre-remeasurement and 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 DEFICIENT ADIT}

NOTE E: In the event of future tax rate changes, additional lines will be inserted in both the Total Company and Transmission Functional sections above as required to reflect any new ADIT or regulatory 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 ADIT account from which it is being amortized. The total in line 3 is the offset recorded to the 410/411 account and will tie to the total company amount of excess or deficient ADIT amortization shown on line 102 of the cost of service.

NOTE G: Deficient remeasurement amounts will be recorded in 410.1 as a debit (expense) to cost of service; excess remeasurement amounts will be recorded in 411.1 as a credit to cost of service.

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

TAX CUT and

A	B	C	D
Line No.	Utility Account	12/31/17 Pre-remeasurement Balance	Reference
1	1901001	622,932	2018 FF1 P. 234 Col (b) Line 8
2	2821001	(14,692,002)	2018 FF1 P. 274 Col (b) Line 5
3	283 Utility Balance	(834,512)	2018 FF1 P. 276 Col (b) Line 9
4		(834,512)	Less: Accum Deferred SIT -Other
5	2831001	-	
6	Total	(14,069,070)	

GENERAL NOTE: This worksheet will summarize remeasurement adjustments in ADIT Accounts
Income Tax Rates. A new sheet will be included in the working formula for each change to tax rate
New pages will be designated by incrementing the suffix letter in the workpaper name (i.e. B-3-A, B

NOTE 1: Remeasurement calculation may not equal 40% of the December 31, 2017 deferral bal
subject to remeasurement.

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

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

NOTE 4: Ties to Transmission Company's Workpaper B-3, Column F, showing the intial remeasu
as a result of the Tax Cut and Jobs Act of 2017.

JOBS ACT of 2017

E	F=E/C	G	H = E + G
Remeasurement Amount	Remeasurement Percentage (NOTE 1)	190/283 Recalss (NOTE 2)	Total Excess/Deficiency by Account (NOTE 3)
248,904	40%	(248,904)	-
(5,876,803)	40%		(5,667,536)
			(209,267)
-	N/A	248,904	248,904
(5,627,899)		-	(5,627,899)

required by changes in either Federal or State
s that may occur while this formula rate is in effect.
-3-B, etc.)

ance because of specific ADIT items that are not

ance because of specific ADIT items that are not subject to remeasurement.

nt 1901001 were reclassed to account 2831001 to

urement value determined

I	J = C - H
Protected / Unprotected	ADIT Deferral After Remeasurement
	622,932
Protected	(8,815,199)
Unprotected	
Unprotected	(248,904)
	(8,441,171)

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

Materials & Supplies

Line Number		Source	Balance @ December 31, 2024	Balance @ December 31, 2023	Average Balance for 2024
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)

		Average of YE Balance	Excludable Balances	100% Transmission Related	Transmission Plant Related	Transmission Labor Related	Total Included in Ratebase (E)+(F)+(G)
5							
6	Totals as of December 31, 2024	22,277	0	0	22,277	0	22,277
7	Totals as of December 31, 2023	19,513	0	0	19,513	0	19,513
8	**Average Balance**	20,895	-	-	20,895	-	20,895

Prepayments Account 165 - Balance @ 12/31/2024

9	Acc. No.	Description	2024 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	12,712	-		12,712		12,712	
11	1650021	Prepaid Inssurance EIS	9,565	-		9,565		9,565	
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25		**Subtotal - Form 1, p 111.57.c**	22,277	0	0	22,277	0	22,277	

Prepayments Account 165 - Balance @ 12/31/ 2023

26	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
27	1650001	Prepaid Insurance	8,151	-		8,151		8,151	
28	1650021	Prepaid Inssurance EIS	11,362	-		11,362		11,362	
29									
30									
31									
32									
33									
34									
35									
34									
35									
36									
37									
38									
39									
40		**Subtotal - Form 1, p 111.57.d**	19,513	0	0	19,513	0	19,513	

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 Kentucky Transmission Company

Line Number	(A) Description	(B) 2024
1	Net Funds from IPP Customers 12/31/2023 (2024 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 12/31/2024 (2024 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 Kentucky 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 Kentucky 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)**	408,708	-	408,708
4	**Account 4560015, Associated Business Development - (Company Records - Notes 1, 2)**		-	
5	**Account 456 - Other Electric Revenues - (Company Records - Notes 1,2)**	21,651,022	21,651,022	
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))**	22,059,730	21,651,022	408,708
7	**Accounts 4470004 & 5, Revenues from Grandfathered Transmission Contracts - (Company Records - Note 1)**		-	
8	**Total Other Operating Revenues To Reduce Revenue Requirement**	22,059,730	21,651,022	408,708
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 Kentucky 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 Kentucky Transmission Company

Line Number	(A) Item No.	(B) Description	(C) 2024 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	87,303			
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	13,674			
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**	100,977			
		Account 928				
15	9280000	Regulatory Commission Exp	46	46	-	
16	9280001	Regulatory Commission Exp-Adm	1	1	-	
17	9280002	Regulatory Commission Exp-Case	266	266	-	
18	9280005	Reg Com Exp-FERC Trans Cases	4,942	-	4,942	
19				-	-	
20				-	-	
21		**Total (FERC Form 1 p.323.189.b)**	5,256	314	4,942	
		Account 930.1				
22	9301000	General Advertising Expenses	-	-	-	
23	9301001	Newspaper Advertising Space	12	12	-	
24	9301010	Publicity	-	-	-	
25	9301012	Public Opinion Surveys	0	0	-	
26	9301014	Video Communications	-	-		
27	9301015	Other Corporate Comm Exp	-	-	-	
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	4,575	4,575	-	
40	9302003	Corporate & Fiscal Expenses	2,224	2,224	-	
	9302004	Research, Develop&Demonstr Exp	28			
41	9302007	Assoc Business Development Exp	1	-	1	
42				-	-	
43		**Total (FERC Form 1 p.323.192.b)**	6,828	6,799	1	

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 Kentucky Transmission Company

1	Kentucky State Tax Rate	5.00%	
	Apportionment Factor - Note 1	98.67%	
	Effective State Tax Rate		4.93%
2	_____ Tax Rate		
	Apportionment Factor - Note 1		
	Effective State Tax Rate		0.00%
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		4.93%

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 Kentucky 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 - Kentucky	1,310,349	1,310,349			
5	Real and Personal Property -	-	-			
6	Real and Personal Property -	-	-			
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	-			-	
18	State Lic/Registration Fee	-			-	
19	Misc. State and Local Tax	-			-	
20	Sales & Use	-				-
21	Federal Excise Tax	-				-
22	Michigan Single Business Tax	-				-
23	Total Taxes by Allocable Basis	1,310,349	1,310,349	-	-	-

(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

Line No.		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)	-	137,122,219	-	22,483,519	159,605,738
	KENTUCKY JURISDICTION					
25	Percentage of Plant in KENTUCKY JURISDICTION		100.00%		100.00%	
26	Net Plant in KENTUCKY JURISDICTION (Ln 24 * Ln 25)	-	137,122,219	-	22,483,519	159,605,738
27	Less: Net Value of Exempted Generation Plant					
28	Taxable Property Basis (Ln 26 - Ln 27)	-	137,122,219	-	22,483,519	159,605,738
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 KENTUCKY JURISDICTION Plant (Ln 30 + 32)	-	-	-	-	-
34	Functional Percentage (Ln 33/Total Ln 33)	0.00%	100.00%	0.00%	100.00%	
	_____ JURISDICTION					
35	Net Plant in _____ JURISDICTION (Ln 24 - Ln 26)	-	-	-	-	-
36	Less: Net Value Exempted Generation Plant					
37	Taxable Property Basis	-	-	-	-	-
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 _____ JURISDICTION Plant (Ln 39 + 41)	-	-	-	-	-
43	Functional Percentage (Ln 42/Total Ln 42)	0.00%	100.00%	0.00%	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 Kentucky 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)**		1,310,349				1,310,349
4	Real and Personal Property - Kentucky		1,310,349				1,310,349
		2021		2	P. 263 Ln. 1(l)	100.00%	2
		2022		304,000	P. 263 Ln. 1(l)	100.00%	304,000
		2023		1,006,347	P. 263 Ln. 1(l)	100.00%	1,006,347
							-
							-
							-
5	Real and Personal Property -		-				-
				-			-
							-
							-
							-
							-
6	Real and Personal Property -		-				-
							-
							-
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	-		
18	State Lic/Registration Fee	-		
19	Misc. State and Local Tax	-		
20	Sales & Use	-		
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))	1,310,349	1,310,349	

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 Kentucky 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 Kentucky 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	45.11%	3.77%	1.699%
Preferred Stock	0.00%	0.00%	0.000%
Common Stock	54.89%	10.35%	5.681%
		R =	7.379%

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

Rate Base (True-Up TCOS, ln 58)	144,182,716
R (fom A. above)	7.379%
Return (Rate Base x R)	10,639,907

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

Return (from B. above)	10,639,907
Effective Tax Rate (TCOS, ln 97)	25.52%
Income Tax Calculation (Return x CIT)	2,715,239
ITC Adjustment	-
Excess Deferred Income Tax	19,355
Tax Affect of Permanent Differences	53,165
Income Taxes	2,787,759

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)	21,839,469
Lease Payments (TCOS, Lns 80)	-
Return (TCOS, ln 109)	10,639,907
Income Taxes (TCOS, ln 108)	2,787,759
Annual Revenue Requirement, Less Lease Payments, Return and Taxes	8,411,802

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

Annual Revenue Requirement, Less Lease Payments, Return and Taxes	8,411,802
Return (from I.B. above)	10,639,907
Income Taxes (from I.C. above)	2,787,759
Annual Revenue Requirement, with 0 Basis Point ROE increase	21,839,469
Depreciation (TCOS, ln 83)	3,582,207
Annual Rev. Req, w/ 0 Basis Point ROE increase, less Depreciation	18,257,262

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

Net Transmission Plant (Projected TCOS, ln 33)	137,122,219
Annual Revenue Requirement, with 0 Basis Point ROE increase	21,839,469
FCR with 0 Basis Point increase in ROE	15.93%
Annual Rev. Req, w / 0 Basis Point ROE increase, less Dep.	18,257,262
FCR with 0 Basis Point ROE increase, less Depreciation	13.31%
FCR less Depreciation (TCOS, ln 10)	13.31%
Incremental FCR with 0 Basis Point ROE increase, less Depreciation	0.00%

III. Calculation of Composite Depreciation Rate

Average Transmission Plant Balance for 2024 TCOS, ln 19	157,627,616
Annual Depreciation and Amortization Expense (TCOS, ln 83)	3,582,207
Composite Depreciation Rate	2.27%
Depreciable Life for Composite Depreciation Rate	44.00
Average Life in Whole Years	44

SUMMARY OF TRUED-UP ANNUAL REVENUE REQUIREMENTS FOR RTEPPROJECTS

TRUE-UP YEAR	Rev Require	W Incentives	Incentive Amounts
As Projected in Prior Year WS J	$ 4,876,605	$ 4,876,605	$ -
Actual After True-up	$ 5,006,132	$ 5,006,132	$ -
True-up of ARR For 2024	129,527	129,527	-

Note 1: Until AEP Kentucky 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 Kentucky Transmission Company is shown on Worksheet P.

AEP Kentucky 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: b1495 (Add an additional 765/345 kV transformer at Baker Station)

2024	Rev Require	W Incentives	Incentive Amounts
Prior Yr Projected	4,876,605	4,876,605	-
Prior Yr True-Up	5,006,132	5,006,132	-
True-Up Adjustment	129,527	129,527	-

Details			
Investment	38,021,786	Current Year	2024
Service Year (yyyy)	2016	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	6	FCR w/o incentives, less depreciation	13.31%
Useful life	44	FCR w/incentives approved for these facilities, less dep.	13.31%
CIAC (Yes or No)	No	Annual Depreciation Expense	864,132

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 **
2016	38,021,786	432,066	37,589,720	37,805,753	5,465,747	5,465,747	$ -	$ 3,748,292	$ 1,717,455	$ 3,748,292	$ 1,717,455	$ -
2017	37,589,720	864,132	36,725,589	37,157,655	5,811,521	5,811,521	$ -	$ 5,097,838	$ 713,683	$ 5,097,838	$ 713,683	$ -
2018	36,725,589	864,132	35,861,457	36,293,523	5,696,465	5,696,465	$ -	$ 4,201,672	$ 1,494,793	$ 4,201,672	$ 1,494,793	$ -
2019	35,861,457	864,132	34,997,326	35,429,392	5,581,410	5,581,410	$ -	$ 4,412,111	$ 1,169,299	$ 4,412,111	$ 1,169,299	$ -
2020	34,997,326	864,132	34,133,194	34,565,260	5,466,354	5,466,354	$ -	$ 4,517,756	$ 948,598	$ 4,517,756	$ 948,598	$ -
2021	34,133,194	864,132	33,269,063	33,701,129	5,351,299	5,351,299	$ -	$ 4,259,251	$ 1,092,048	$ 4,259,251	$ 1,092,048	$ -
2022	33,269,063	864,132	32,404,931	32,836,997	5,236,243	5,236,243	$ -	$ 5,113,210	$ 123,033	$ 5,113,210	$ 123,033	$ -
2023	32,404,931	864,132	31,540,800	31,972,866	5,121,188	5,121,188	$ -	$ 5,001,392	$ 119,795	$ 5,001,392	$ 119,795	$ -
2024	31,540,800	864,132	30,676,668	31,108,734	5,006,132	5,006,132	$ -	$ 4,876,605	$ 129,527	$ 4,876,605	$ 129,527	$ -
2025	30,676,668	864,132	29,812,537	30,244,603	4,891,076	4,891,076	$ -		$ -		$ -	$ -
2026	29,812,537	864,132	28,948,405	29,380,471	4,776,021	4,776,021	$ -		$ -		$ -	$ -
2027	28,948,405	864,132	28,084,274	28,516,340	4,660,965	4,660,965	$ -		$ -		$ -	$ -
2028	28,084,274	864,132	27,220,142	27,652,208	4,545,910	4,545,910	$ -		$ -		$ -	$ -
2029	27,220,142	864,132	26,356,011	26,788,077	4,430,854	4,430,854	$ -		$ -		$ -	$ -
2030	26,356,011	864,132	25,491,879	25,923,945	4,315,799	4,315,799	$ -		$ -		$ -	$ -
2031	25,491,879	864,132	24,627,748	25,059,814	4,200,743	4,200,743	$ -		$ -		$ -	$ -
2032	24,627,748	864,132	23,763,616	24,195,682	4,085,687	4,085,687	$ -		$ -		$ -	$ -
2033	23,763,616	864,132	22,899,485	23,331,551	3,970,632	3,970,632	$ -		$ -		$ -	$ -
2034	22,899,485	864,132	22,035,353	22,467,419	3,855,576	3,855,576	$ -		$ -		$ -	$ -
2035	22,035,353	864,132	21,171,222	21,603,288	3,740,521	3,740,521	$ -		$ -		$ -	$ -
2036	21,171,222	864,132	20,307,090	20,739,156	3,625,465	3,625,465	$ -		$ -		$ -	$ -
2037	20,307,090	864,132	19,442,959	19,875,025	3,510,410	3,510,410	$ -		$ -		$ -	$ -
2038	19,442,959	864,132	18,578,827	19,010,893	3,395,354	3,395,354	$ -		$ -		$ -	$ -
2039	18,578,827	864,132	17,714,696	18,146,762	3,280,298	3,280,298	$ -		$ -		$ -	$ -
2040	17,714,696	864,132	16,850,564	17,282,630	3,165,243	3,165,243	$ -		$ -		$ -	$ -
2041	16,850,564	864,132	15,986,433	16,418,499	3,050,187	3,050,187	$ -		$ -		$ -	$ -
2042	15,986,433	864,132	15,122,301	15,554,367	2,935,132	2,935,132	$ -		$ -		$ -	$ -
2043	15,122,301	864,132	14,258,170	14,690,236	2,820,076	2,820,076	$ -		$ -		$ -	$ -
2044	14,258,170	864,132	13,394,038	13,826,104	2,705,021	2,705,021	$ -		$ -		$ -	$ -
2045	13,394,038	864,132	12,529,907	12,961,973	2,589,965	2,589,965	$ -		$ -		$ -	$ -
2046	12,529,907	864,132	11,665,775	12,097,841	2,474,909	2,474,909	$ -		$ -		$ -	$ -
2047	11,665,775	864,132	10,801,644	11,233,710	2,359,854	2,359,854	$ -		$ -		$ -	$ -
2048	10,801,644	864,132	9,937,512	10,369,578	2,244,798	2,244,798	$ -		$ -		$ -	$ -
2049	9,937,512	864,132	9,073,381	9,505,447	2,129,743	2,129,743	$ -		$ -		$ -	$ -
2050	9,073,381	864,132	8,209,249	8,641,315	2,014,687	2,014,687	$ -		$ -		$ -	$ -
2051	8,209,249	864,132	7,345,118	7,777,184	1,899,632	1,899,632	$ -		$ -		$ -	$ -
2052	7,345,118	864,132	6,480,986	6,913,052	1,784,576	1,784,576	$ -		$ -		$ -	$ -
2053	6,480,986	864,132	5,616,855	6,048,921	1,669,520	1,669,520	$ -		$ -		$ -	$ -
2054	5,616,855	864,132	4,752,723	5,184,789	1,554,465	1,554,465	$ -		$ -		$ -	$ -
2055	4,752,723	864,132	3,888,592	4,320,658	1,439,409	1,439,409	$ -		$ -		$ -	$ -
2056	3,888,592	864,132	3,024,460	3,456,526	1,324,354	1,324,354	$ -		$ -		$ -	$ -
2057	3,024,460	864,132	2,160,329	2,592,395	1,209,298	1,209,298	$ -		$ -		$ -	$ -
2058	2,160,329	864,132	1,296,197	1,728,263	1,094,243	1,094,243	$ -		$ -		$ -	$ -
2059	1,296,197	864,132	432,066	864,132	979,187	979,187	$ -		$ -		$ -	$ -
2060	432,066	432,066	-	216,033	460,830	460,830	$ -		$ -		$ -	$ -
2061	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2062	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2063	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2064	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2065	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2066	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2067	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2068	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2069	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2070	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2071	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2072	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2073	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2074	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2075	-	-	-	-	-	-	$ -		$ -		$ -	$ -
Project Totals		38,021,786			151,926,800	151,926,800	-					

** This is the total amount that needs to be reported to PJM for billing to all regions.

This is the calculation of additional incentive revenue on projects deemed by the FERC to be eligible for an incentive return. This additional incentive requirement is applicable for the life of this specific project. Each year the revenue requirement calculated for PJM should be incremented by the amount of the incentive revenue calculated for that year on this project.

AEPTCo subsidiaries in PJM
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet L RESERVED
AEP Kentucky 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 Kentucky 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	75,105,402	-	-	-	75,105,402
2	January	75,780,492	-	-	-	75,780,492
3	February	76,382,790	-	-	-	76,382,790
4	March	77,034,995	-	-	-	77,034,995
5	April	77,545,347	-	-	-	77,545,347
6	May	77,168,616	-	-	-	77,168,616
7	June	77,907,180	-	-	-	77,907,180
8	July	78,611,913	-	-	-	78,611,913
9	August	78,338,703	-	-	-	78,338,703
10	September	78,950,647	-	-	-	78,950,647
11	October	79,611,834	-	-	-	79,611,834
12	November	79,247,194	-	-	-	79,247,194
13	December of Rate Year	80,492,795	-	-	-	80,492,795
14	Average of the 13 Monthly Balances	77,859,839	-	-	-	77,859,839

		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	-	-	64,000,000	-	-	64,000,000
16	January	-	-	64,000,000	-	-	64,000,000
17	February	-	-	64,000,000	-	-	64,000,000
18	March	-	-	64,000,000	-	-	64,000,000
19	April	-	-	64,000,000	-	-	64,000,000
20	May	-	-	64,000,000	-	-	64,000,000
21	June	-	-	64,000,000	-	-	64,000,000
22	July	-	-	64,000,000	-	-	64,000,000
23	August	-	-	64,000,000	-	-	64,000,000
24	September	-	-	64,000,000	-	-	64,000,000
25	October	-	-	64,000,000	-	-	64,000,000
26	November	-	-	64,000,000	-	-	64,000,000
27	December of Rate Year	-	-	64,000,000	-	-	64,000,000
28	Average of the 13 Monthly Balances	-	-	64,000,000	-	-	64,000,000

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 Kentucky 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 2024**						
30	Interest on Long Term Debt - Accts 221 - 224 (256-257.33.m)			2,379,000			
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)			33,721			
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)			2,723			
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)**			**2,409,998**			
37	**Average Cost of Debt for 2024 (Ln 36/ ln 28 (g))**			**3.77%**			

CALCULATION OF HEDGE GAINS/LOSSES TO BE EXCLUDED FROM TCOS

38 AEP Kentucky 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 2024**	**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 Kentucky 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.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
Line	**Date**	**Property Description**	**Function (T) or (G)** T = Transmission G = General	**Basis**	**Proceeds**	**(Gain) / Loss**	**Functional Allocator**	**Functionalized Proceeds (Gain) / Loss**	**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 Kentucky Transmission Company

PBOP	(A)		(B)
1	**Calculation of PBOP Expenses**		
2	**AEP System PBOP Rate**		
3	Total AEP System PBOP expenses		-$74,896,761
4	Base Year relating to retired personnel		$0
5	Amount allocated on Labor		-$74,896,761
6	Total AEP System Direct Labor Expense		$1,652,603,269
7	AEP System PBOP expense per dollar of direct labor (PBOP Rate)		-$0.045
8	Currently Approved PBOP Rate		-$0.078
9	Base PBOP TransCo labor expensed in current year		507,663
10	Allowable TransCo PBOP Expense for current year (Ln 8 * Ln 9)		-$39,598
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)		-$18,972
15	Actual PBOP Expense	(Sum Lines 11-14)	-$18,972
16	PBOP Adjustment	Line 10 less Line 15	-$20,625

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 July 1, 2015

AEP Kentucky Transmission Company

	PLANT ACCT.	RATES Note 1
TRANSMISSION PLANT		
Land Rights	350.1	1.44%
Structures & Improvements	352.0	2.08%
Station Equipment	353.0	2.15%
Towers & Fixtures	354.0	2.61%
Poles & Fixtures	355.0	3.95%
Overhead Conductor	356.0	2.91%
Underground Conduit	357.0	2.99%
Underground Conductors	358.0	2.62%

Note: Per the Settlement in Docket No. ER10-355, Appendix A.1.2, AEP KENTUCKY TRANSMISSION COMPANY shall use the depreciation rates shown above by FERC Account until such time as the FERC approves new depreciation rates pusuant to a Section 205 or 206 filing to change rates.

Composite Depreciation Rate	KPCO	TOTAL
T-Plant (FF1 206.58.g)	438,744,866	438,744,866
T-Plant (FF1 206.58.b)	431,804,417	431,804,417
Average (Ln 1+ Ln 2)/2	435,274,642	435,274,642
Depreciation (FF1 336.7.f)	7,420,678	7,420,678
Composite Depreciation (Ln 3 / Ln 4)		**1.70%**

Note: AEP KENTUCKY TRANSMISSION COMPANY shall initially use the composite depreciation rate for kpco shown above to estimate depreciation expense for transmission projects in Worksheets I, J and K until a composite depreciation rate based on transmission plant in service and depreciation expenses recorded by AEP KENTUCKY TRANSMISSION COMPANY for its own transmission facilities can be calculated in AEP KENTUCKY 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, 2024
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, 2023
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

$0	-	$0	=	True-up Adjustment Over (Under) Recovery $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
Calculation of Interest					**Monthly**		
January	Year 2024	-	0.0000%	12	-		-
February	Year 2024	-	0.0000%	11	-		-
March	Year 2024	-	0.0000%	10	-		-
April	Year 2024	-	0.0000%	9	-		-
May	Year 2024	-	0.0000%	8	-		-
June	Year 2024	-	0.0000%	7	-		-
July	Year 2024	-	0.0000%	6	-		-
August	Year 2024	-	0.0000%	5	-		-
September	Year 2024	-	0.0000%	4	-		-
October	Year 2024	-	0.0000%	3	-		-
November	Year 2024	-	0.0000%	2	-		-
December	Year 2024	-	0.0000%	1	-		-
					-		-
					Annual		
January through December	Year 2025	-	0.0000%	12	-		-
Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months					**Monthly**		
January	Year 2026	-	0.0000%		-	-	-
February	Year 2026	-	0.0000%		-	-	-
March	Year 2026	-	0.0000%		-	-	-
April	Year 2026	-	0.0000%		-	-	-
May	Year 2026	-	0.0000%		-	-	-
June	Year 2026	-	0.0000%		-	-	-
July	Year 2026	-	0.0000%		-	-	-
August	Year 2026	-	0.0000%		-	-	-
September	Year 2026	-	0.0000%		-	-	-
October	Year 2026	-	0.0000%		-	-	-
November	Year 2026	-	0.0000%		-	-	-
December	Year 2026	-	0.0000%		-	-	-
					-		

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.