

AEP East Companies
Transmission Cost of Service Formula Rate
Utilizing Actual/Projected FERC Form 1 Data

Twelve Months Ended 2022

KINGSPORT POWER COMPANY

Line No.						Transmission Amount
1	REVENUE REQUIREMENT (w/o incentives)	(In 130)				\$6,334,869
2	REVENUE CREDITS	(Worksheet E Ln 8) (Note A)	Total	165,000	DA Allocator 1.00000	\$ 165,000
3	Facility Credits under PJM OATT Section 30.9	(Worksheet E Ln 9) (Note X)				\$ -
4	REVENUE REQUIREMENT For All Company Facilities	(In 1 less In 2 plus In 3)				<u>\$ 6,169,869</u>

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

5	Revenue Requirement for PJM Schedule 12 Facilities (w/o incentives) (Worksheet J/K)	-	DA	1.00000	\$ -
6	NET PLANT CARRYING CHARGE w/o intra-AEP charges or credits or ROE incentives (Note B)				
7	Annual Rate	((In 1 - In 95)/((In 42) x 100))			16.91%
8	Monthly Rate	(In 7 / 12)			1.41%
9	NET PLANT CARRYING CHARGE ON LINE 7 , w/o depreciation or ROE incentives (Note B)				
10	Annual Rate	((In 1 - In 95 - In 100) /((In 42) x 100))			14.93%
11	NET PLANT CARRYING CHARGE ON LINE 10, w/o Return, income taxes or ROE incentives (Note B)				
12	Annual Rate	((In 1 - In 95 - In 100 - In 125 - In 126) /((In 42) x 100))			6.85%
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 75 Below			9,000
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)			<u>9,000</u>

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(1)		(2)	(3)	(4)	(5)
RATE BASE CALCULATION		Data Sources (See "General Notes")	TO Total NOTE C	Allocator	Total Transmission
Line No.					
19	GROSS PLANT IN SERVICE				
20	Production	(Worksheet A in 14.(b))	-	NA	0.00000
21	Less: Production ARO (Enter Negative)	(Worksheet A in 14.(c))	-	NA	0.00000
22	Transmission	(Worksheet A in 14.(d) & TCOS Ln 134)	50,681,000	DA	50,681,000
23	Less: Transmission ARO (Enter Negative)	(Worksheet A in 14.(e))	-	TP	1.00000
24	Distribution	(Worksheet A in 14.(f))	222,264,000	NA	0.00000
25	Less: Distribution ARO (Enter Negative)	(Worksheet A in 14.(g))	-	NA	0.00000
26	General Plant	(Worksheet A in 14.(h))	11,261,000	W/S	0.12556
27	Less: General Plant ARO (Enter Negative)	(Worksheet A in 14.(i))	-	W/S	0.12556
28	Intangible Plant	(Worksheet A in 14.(j))	7,731,000	W/S	0.12556
29	TOTAL GROSS PLANT	(sum Ins 19 to 27)	291,937,000	GP	0.181771
29	ACCUMULATED DEPRECIATION AND AMORTIZATION			OTD=	0.18568
30	Production	(Worksheet A in 28.(b))	-	NA	0.00000
31	Less: Production ARO (Enter Negative)	(Worksheet A in 28.(c))	-	NA	0.00000
32	Transmission	(Worksheet A in 28.(d) & In 43.(c))	13,216,000	TP1=	1.00000
33	Less: Transmission ARO (Enter Negative)	(Worksheet A in 28.(e))	-	TP1=	1.00000
34	Distribution	(Worksheet A in 28.(f))	74,557,000	NA	0.00000
35	Less: Distribution ARO (Enter Negative)	(Worksheet A in 28.(g))	-	NA	0.00000
36	General Plant	(Worksheet A in 28.(h))	2,380,000	W/S	0.12556
37	Less: General Plant ARO (Enter Negative)	(Worksheet A in 28.(i))	-	W/S	0.12556
38	Intangible Plant	(Worksheet A in 28.(j))	3,319,000	W/S	0.12556
39	TOTAL ACCUMULATED DEPRECIATION	(sum Ins 30 to 38)	93,472,000		13,931,570
40	NET PLANT IN SERVICE				
41	Production	(In 19 + In 20 - In 30 - In 31)	-		-
42	Transmission	(In 21 + In 22 - In 32 - In 33)	37,465,000		37,465,000
43	Distribution	(In 23 + In 24 - In 34 - In 35)	147,707,000		-
44	General Plant	(In 25 + In 26 - In 36 - In 37)	8,881,000		1,115,103
45	Intangible Plant	(In 27 - In 38)	4,412,000		553,973
46	TOTAL NET PLANT IN SERVICE	(sum Ins 41 to 45)	198,465,000	NP	0.197184
47	DEFERRED TAX ADJUSTMENTS TO RATE BASE	(Note D)			
48	Account No. 281.1 (enter negative)	(Worksheet B, In 2 & In 5.E)	-	NA	-
49	Account No. 282.1 (enter negative)	(Worksheet B, In 7 & In 10.E)	(26,397,500)	DA	(7,248,500)
50	Account No. 283.1 (enter negative)	(Worksheet B, In 12 & In 15.E)	(2,522,000)	DA	(396,000)
51	Account No. 190.1	(Worksheet B, In 17 & In 20.E)	8,346,000	DA	4,389,500
52	Account No. 255 (enter negative)	(Worksheet B, In 24 & In 25.E)	-	DA	-
53	TOTAL ADJUSTMENTS	(sum Ins 48 to 52)	(20,573,500)		(3,215,000)
54	PLANT HELD FOR FUTURE USE	(Worksheet A in 44.(e) & In 45.(e))	187,000	DA	-
55	REGULATORY ASSETS	(Worksheet A in 51.(e))	-	DA	-
56	UNFUNDED RESERVES (ENTER NEGATIVE) (NOTE Y)	(Worksheet A in 54.(e))	-	W/S	0.12556
57	WORKING CAPITAL	(Note E)			
58	Cash Working Capital	(1/8 * In 78)	80,375		80,375
59	Transmission Materials & Supplies	(Worksheet C, In 2.(F))	2,000	TP	1.00000
60	A&G Materials & Supplies	(Worksheet C, In 3.(F))	1,000	W/S	0.12556
61	Stores Expense	(Worksheet C, In 4.(F))	-	GP	0.18177
62	Prepayments (Account 165) - Labor Allocated	(Worksheet C, In 8.G)	3,677,500	W/S	0.12556
63	Prepayments (Account 165) - Gross Plant	(Worksheet C, In 8.F)	231,500	GP	0.18177
64	Prepayments (Account 165) - Transmission Only	(Worksheet C, In 8.E)	-	DA	1.00000
65	Prepayments (Account 165) - Unallocable	(Worksheet C, In 8.D)	97,500	NA	0.00000
66	TOTAL WORKING CAPITAL	(sum Ins 58 to 65)	4,089,875		586,329
67	IPP CONTRIBUTIONS FOR CONSTRUCTION	(Note F) (Worksheet D, In 8.B)	-	DA	1.00000
68	RATE BASE (sum Ins 46, 53, 54, 55, 56, 66, 67)		182,168,375		36,505,406

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KINGSPORT POWER COMPANY

(1)		(2)	(3)	(4)	(5)
EXPENSE, TAXES, RETURN & REVENUE REQUIREMENTS CALCULATION		Data Sources (See "General Notes")	TO Total	Allocator	Total Transmission
Line	No.				
	69	OPERATION & MAINTENANCE EXPENSE			
	70	Production	321.80.b		
	71	Distribution	322.156.b		
	72	Customer Related Expense	322 & 323.164,171,178.b		
	73	Regional Marketing Expenses	322.131.b		
	74	Transmission	321.112.b		
	75	TOTAL O&M EXPENSES	(sum Ins 69 to 73)		
	76	Less: Total Account 561	(Note G) (Worksheet F, In 14.C)		
	77	Less: Account 565	(Note H) 321.96.b		
	78	Less: Regulatory Deferrals & Amortizations	(Note I) (Worksheet F, In 4.C)		
	79	Total O&M Allocable to Transmission	(Ins 73 - 75 - 76 - 77)	TP	1.00000
	80	Administrative and General	323.197.b (Notes J and M)		
	81	Less: Acct. 924, Property Insurance	323.185.b		
	82	Acct. 9260039 PBOP Expense	PBOP Worksheet O Line 9 & 10, (Note K)		
	83	Acct. 9260057 PBOP Medicare Subsidy	PBOP Worksheet O Line 11, (Note K)		
	84	PBOP Expense Billed From AEPSC	PBOP Worksheet O Line 13, (Note K)		
	85	Acct. 928, Reg. Com. Exp.	323.189.b		
	86	Acct. 930.1, Gen. Advert. Exp.	323.191.b		
	87	Acct. 930.2, Misc. Gen. Exp.	323.192.b		
	88	Balance of A & G	(In 79 - sum In 80 to In 86)	W/S	0.12556
	89	Plus: Acct. 924, Property Insurance	(In 80)	GP	0.18177
	90	Acct. 928 - Transmission Specific	Worksheet F In 20.(E) (Note L)	TP	1.00000
	91	Acct 930.1 - Only safety related ads -Direct	Worksheet F In 37.(E) (Note L)	TP	1.00000
	92	Acct 930.2 - Misc Gen. Exp. - Trans	Worksheet F In 43.(E) (Note L)	DA	1.00000
	93	Settlement Approved PBOP Recovery	PBOP Worksheet O, Col. C (Note M)	W/S	0.12556
	94	A & G Subtotal	(sum Ins 87 to 92)		
	95	O & M EXPENSE SUBTOTAL	(In 78 + In 93)		
	96	Plus: Transmission Lease Payments To Affiliates in Acct 565 (Company Records) (Note H)		DA	1.00000
	97	TOTAL O & M EXPENSE	(In 94 + In 95)		
	98	DEPRECIATION AND AMORTIZATION EXPENSE			
	99	Production	336.2-6.f	NA	0.00000
	100	Distribution	336.8.f	NA	0.00000
	101	Transmission	336.7.f	TP1	1.00000
	102	General	336.10.f	W/S	0.12556
	103	Intangible	336.1.f	W/S	0.12556
	104	TOTAL DEPRECIATION AND AMORTIZATION	(Ln 98+99+100+101+102)		
	105	TAXES OTHER THAN INCOME	(Note N)		
	106	Labor Related			
	107	Payroll	Worksheet H In 24.(D)	W/S	0.12556
	108	Plant Related			
	109	Property	Worksheet H In 24.(C)	DA	0.00000
	110	Gross Receipts/Sales & Use	Worksheet H In 24.(F)	NA	0.00000
	111	Other	Worksheet H In 24.(E)	GP	0.18177
	112	TOTAL OTHER TAXES	(sum Ins 106 to 110)		
	113	INCOME TAXES	(Note O)		
	114	T=1 - ((1 - SIT) * (1 - FIT)) / (1 - SIT * FIT * p)) =	26.05%		
	115	EIT=((T*(1-T)) * (1-(WCLTD/WACC))) =	26.44%		
	116	where WCLTD=(In 154) and WACC = (In 157)			
	117	and FIT, SIT & p are as given in Note O.			
	118	GRCF=1 / (1 - T) = (from In 113)	1.3522		
	119	Amortized Investment Tax Credit (enter negative)	(FF1 p.114, In 19.c)		
	120	Excess Deferred Income Tax	(Note U)	DA	(95,000)
	121	Tax Effect of Permanent and Flow-Through Differences	(Note U)	DA	1,000
	122	Income Tax Calculation	(In 114 * In 126)		
	123	ITC adjustment	(In 117 * In 118)	GP	0.18177
	124	Excess Deferred Income Tax	(In 117 * In 119)		
	125	Tax Effect of Permanent and Flow-Through Differences	(In 117 * In 120)		
	126	TOTAL INCOME TAXES	(sum Ins 121 to 124)		
	127	RETURN ON RATE BASE (Rate Base*WACC)	(In 68 * In 157)		
	128	INTEREST ON IPP CONTRIBUTION FOR CONST. (Note F) (Worksheet D, In 2.(B))	-	DA	1.00000
	129	(Gains) / Losses on Sales of Plant Held for Future Use (Worksheet N, In 4, Cols. ((F) & (H))	-		
	130	Tax Impact on Net Loss / (Gain) on Sales of Plant Held for Future Use (In 128 * In114)	-		
	131	TOTAL REVENUE REQUIREMENT			
	132	(sum Ins 96, 103, 111, 125, 126, 127, 128, 129)			

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KINGSPORT POWER COMPANY

SUPPORTING CALCULATIONS

In										
No.	TRANSMISSION PLANT INCLUDED IN PJM TARIFF									
131	Total transmission plant	(In 21)								50,681,000
132	Less transmission plant excluded from PJM Tariff (Worksheet A, In 42, Col. (d)) (Note P)									-
133	Less transmission plant included in OATT Ancillary Services (Worksheet A, In 42, Col. (b)) (Note Q)									-
134	Transmission plant included in PJM Tariff	(In 131 - In 132 - In 133)								50,681,000
135	Percent of transmission plant in PJM Tariff	(In 134 / In 131)								TP= 1.00000
136	WAGES & SALARY ALLOCATOR (W/S)	(Note R)								
137	Production	354.20.b	Direct Payroll	Payroll Billed from	Total					
138	Transmission	354.21.b	0	AEP Service Corp.	0	-	NA	0.00000	-	
139	Regional Market Expenses	354.22.b	3,000	417,000	420,000	-	TP	1.00000	420,000	
140	Distribution	354.23.b	0	0	-	-	NA	0.00000	-	
141	Other (Excludes A&G)	354.24, 25, 26.b	1,792,000	351,000	2,143,000	-	NA	0.00000	-	
142	Total	(sum Ins 137 to 141)	325,000	457,000	782,000	-	NA	0.00000	-	
143	Transmission related amount		2,120,000	1,225,000	3,345,000					W/S= 0.12556
144	WEIGHTED AVERAGE COST OF CAPITAL (WACC)									\$
145	Long Term Interest	(Worksheet M, In. 37, col. (d))								2,702,000
146	Preferred Dividends	(Worksheet M, In. 71)								-
147	Development of Common Stock:									
148	Proprietary Capital	(Worksheet M, In. 14, col. (b))								78,635,000
149	Less: Preferred Stock	(Worksheet M, In. 14, col. (c))								-
150	Less: Account 216.1	(Worksheet M, In. 14, col. (d))								-
151	Less: Account 219	(Worksheet M, In. 14, col. (e))								-
152	Common Stock	(In 148 - In 149 - In 150 - In 151)								78,635,000
153										
154	Long Term Debt (Note T) Worksheet M, In 28, col. (g), In 38, col. (d))		\$	Capital Structure Percentage:	Cost					Weighted
155	Preferred Stock (In 149)		80,000,000	% 50.43%	Cap Limit 50.43%	3.38%				0.0170
156	Common Stock (In 152)		-	0.00%	0.00%	-				0.0000
157	Total (Sum Ins 154 to 156)		78,635,000	49.57%	49.57%	10.35%				0.0513
158	Capital Structure Equity Limit (Note Z)	55%	158,635,000							WACC= 0.0683

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Letter

Notes

General Notes: a) References to data from Worksheets are indicated as: Worksheet X, Line#.Column.X

- A Revenue credits include:
1) Forfeited Discounts.
2) Miscellaneous Service Revenues.
3) Rental revenues earned on assets included in the rate base.
4) Revenues for associated business projects provided by employees whose labor and overhead costs are in the transmission cost of service.
5) Other electric revenues.
6) Revenues for grandfathered PTP contracts included in the load divisor.
7) If AEP East companies have any directly assigned transmission facilities, the revenue credits in the AEP East 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 Q 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 of 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 flowthrough 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 the calculation of ADIT in the annual projection will be performed in accordance with IRS regulation Section 1.167(f)-1(h)(6)(i).
RM02-7-000 Asset Retirement Obligation deferrals have been removed from ratebase. Transmission ADIT allocations are shown on WS B.
The company will not include the ADIT portion of deferred hedge gains and losses in rate base. Detailed balances for the projected or actual period, distinguished between utility and non-utility balances, will be filed and posted as part of the information filing.
- E Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission, as shown on line 78. It excludes:
1) Load Scheduling & Dispatch Charges in account 561 that are collected in the OATT Ancillary Services Revenue, as shown on line 75.
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 77
4) All A&G Expenses, as shown on line 93.
- F Consistent with Paragraph 657 of Order 2003-A, the amount on line 67 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 127.
- 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 78. To the extent such service is incurred to provide the PJM service at issue, e.g. lease payments to affiliates, such cost is added back on line 95 to determine the total O&M collected in the formula. The amounts on line 95 is also excluded in the calculation of the FCR percentage calculated on lines 6 through 12.
The addbacks on line 95 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 line 95 is the KINGSPORT POWER 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 These deductions on lines 81 through 83 are to remove from the cost of service the expenses recorded by the company for Postemployment Benefits Other than Pensions (PBOP). See Note M below for the recoverable PBOP expense.
- L Expenses recorded in FERC Accounts 928 (Regulatory Commission Expense), 930.1 (Safety Related Advertising) and 930.2 (Miscellaneous General Expenses) that are not directly related to or properly allocable to transmission service will be removed from the TCOS. If AEP includes any expenses booked to these accounts in future ATRR updates, AEP must provide supporting information demonstrating that the underlying activities are directly related to providing transmission service. 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. Per the settlement in Docket ER08-1329, recoverable PBOP expense is based on an annual total for the operating companies that is ratioed to them based on the total of actual annual PBOP costs, including charges from the AEP Service Corporation. The calculation of the recoverable amount for each company is shown on Worksheet O.
- N Includes only FICA, unemployment, highway, property and other assessments charged in the current year. 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)
(in 11b) multiplied by (1/(1-T)). If the applicable tax rates are zero enter 0.
Inputs Required:
- | | |
|-------|---|
| FIT = | 21.00% |
| SIT= | 6.39% (State Income Tax Rate or Composite SIT. Worksheet G) |
| p = | 0.00% (percent of federal income tax deductible for state purposes) |
- The formula rate shall reflect the applicable state and federal statutory tax rates in effect during the period the calculated estimated unit charges are applicable.
If the statutory tax rates change during such period, the effective tax rates used in the formula shall be weighted by the number of days the pre-change rate and post-change rate each is in effect.
- P Removes plant excluded from the OATT because it does not meet the PJM's definition of Transmission Facilities or is otherwise ineligible to be recovered under the OATT.
- Q 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 (In 145) / Long-Term Debt (In 154). Preferred Stock cost rate = preferred dividends (In 146) / preferred outstanding (In 155).
Common Stock cost rate (ROE) = 10.35%, the rate accepted by FERC in Docket No. ER08-1329. It includes an additional 50 basis points for PJM RTO Membership.
The amount of eligible hedging gains or losses included in total interest expense is limited to five basis points of the capital structure. Details and calculations of the weighted average cost of capital are shown on Worksheet M.
Eligible Hedging Gains and Losses are computed on Worksheet M. The unamortized balance of eligible hedge gains/losses and related ADIT amounts shall not flow through the formula rate.
- T The Long Term Debt balance for I&M includes the accumulated balance of principle and related interest for Spent Nuclear Fuel Disposal Costs collected prior to April 7, 1983.
This total balance of \$265,249,280 at 12/31/12 is not included in the balance in line 154 above.
The cost rates for long-term debt shall include interest expense and related periodic expenses (such as remarketing and letter of credit fees) as recorded in FERC Account 427 or 430, amortization of issuance costs (including insurance) and discounts as recorded in FERC Account 428, issuance premiums as recorded in FERC Account 429 and losses or gains on reacquired debt as recorded in FERC Accounts 428.1 or 429.1, respectively. The cost rates for preferred stock (if applicable) shall include the dividends.
- U 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.
- V 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 other prepayments recorded in FERC Account 165 are directly assigned to the transmission function, allocated or excludable balances detailed on Worksheet C.
- W The formula rate shall allocate property tax expense based on the as filed net plant cost allocation method detailed on Worksheet H.
- 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.

AEP East Companies
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet A Rate Base
KINGSPORT POWER COMPANY

		Gross Plant In Service								
Line No	Month (a)	Production (b)	Production ARO (c)	Transmission (d)	Transmission ARO (e)	Distribution (f)	Distribution ARO (g)	General (h)	General ARO (i)	Intangible (j)
	(Note A)	FF1, page 205 Col.(g) & pg. 204 Col. (b), In 46	FF1, page 205&204, Col.(g)&(b), Ins 15,24,34,44	FF1, page 207 Col.(g) & pg. 206 Col. (b), In 58	Acct 359.1 FF1, page 207 Col.(g) & pg. 206 Col. (b), In 57	FF1, page 207 Col.(g) & pg. 206 Col. (b), In 75	FF1, page 207 Col.(g) & pg. 206 Col. (b), In 74	FF1, page 207 Col.(g) & pg. 206 Col. (b), In 99	Acct. 399.1 FF1, page 207 Col.(g) & pg. 206 Col. (b), In 98	FF1, page 205 Col.(g) & pg. 204 Col. (b), In 5
1	December Prior to Rate Year			50,429,000		213,753,000		10,807,000		6,937,000
2	January			50,422,000		215,743,000		10,862,000		7,103,000
3	February			50,413,000		217,280,000		10,917,000		7,280,000
4	March			50,401,000		218,502,000		10,975,000		7,255,000
5	April			50,389,000		219,731,000		11,051,000		7,443,000
6	May			50,377,000		220,962,000		11,148,000		7,632,000
7	June			50,365,000		222,194,000		11,265,000		7,674,000
8	July			50,419,000		223,481,000		11,361,000		7,862,000
9	August			50,498,000		224,768,000		11,455,000		8,050,000
10	September			50,572,000		226,054,000		11,524,000		8,141,000
11	October			50,644,000		227,536,000		11,597,000		8,326,000
12	November			50,704,000		229,006,000		11,668,000		8,511,000
13	December of Rate Year			53,216,000		230,418,000		11,762,000		8,288,000
14	Average of the 13 Monthly Balances	-	-	50,681,000	-	222,264,000	-	11,261,000	-	7,731,000

		Accumulated Depreciation								
Line No	Month (a)	Production (b)	Production ARO (c)	Transmission (d)	Transmission ARO (e)	Distribution (f)	Distribution ARO (g)	General (h)	General ARO (i)	Intangible (j)
	(Note A)	FF1, page 219, Ins 20-24, Col. (b)	Company Records (Included in total in Column (b))	FF1, page 219, In 25, Col. (b)	Company Records (Included in total in Column (d))	FF1, page 219, In 26, Col. (b)	Company Records (Included in total in Column (f))	FF1, page 219, In 28, Col. (b)	Company Records (Included in total in Column (h))	FF1, page 200, In 21, Col. (b)
15	December Prior to Rate Year			13,297,000		72,548,000		2,086,000		2,935,000
16	January			13,298,000		72,855,000		2,116,000		3,041,000
17	February			13,280,000		73,181,000		2,148,000		3,151,000
18	March			13,265,000		73,512,000		2,185,000		3,050,000
19	April			13,249,000		73,847,000		2,225,000		3,161,000
20	May			13,233,000		74,185,000		2,271,000		3,276,000
21	June			13,217,000		74,528,000		2,325,000		3,248,000
22	July			13,201,000		74,874,000		2,389,000		3,366,000
23	August			13,185,000		75,225,000		2,462,000		3,488,000
24	September			13,169,000		75,580,000		2,543,000		3,516,000
25	October			13,154,000		75,939,000		2,630,000		3,643,000
26	November			13,138,000		76,302,000		2,725,000		3,773,000
27	December of Rate Year			13,122,000		76,671,000		2,829,000		3,499,000
28	Average of the 13 Monthly Balances	-	-	13,216,000	-	74,557,000	-	2,380,000	-	3,319,000

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

43 Transmission Accum Depreciation net of GSU 13,216,000

Plant Held For Future Use

	(a)	Source of Data (b)	Balance @ December 31, 2022 (c)	Balance @ December 31, 2021 (d)	Average Balance for 2022 (e)
44	<u>Plant Held For Future Use</u>	FF1, page 214, In 47, Col. (d)	187,000	187,000	187,000
45	<u>Transmission Plant Held For Future Use (Included in total on line 44)</u>	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					
53a	Accum Prv I/D Worker's Com		-	-	-
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 unamortized balance of hedging gains or losses.

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Subject to FERC Rules 602 and 606

AEP East Companies
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet B Supporting ADIT and ITC Balances
KINGSPORT POWER COMPANY

Line Number	(A) Description	(B) Source	(C) Balance @ December 31, 2022	(D) Balance @ December 31, 2021	(E) Average Balance for 2022
1	<u>Account 281</u>				
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	<u>Account 282</u>				
7	Year End Utility Deferrals	FF1, p. 274 - 275, ln 5, Col. (k)	26,545,000	26,250,000	26,397,500
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)	19,278,000	19,020,000	19,149,000
10	Transmission Related Deferrals	Ln 7 - ln 8 - ln 9	7,267,000	7,230,000	7,248,500
11	<u>Account 283</u>				
12	Year End Utility Deferrals	FF1, p. 276 - 277, ln 9, Col. (k)	2,531,000	2,513,000	2,522,000
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)	2,174,000	2,158,000	2,166,000
15	Transmission Related Deferrals	Ln 12 - ln 13 - ln 14	357,000	355,000	356,000
16	<u>Account 190</u>				
17	Year End Utility Deferrals	FF1, p. 234, ln 8, Col. (c)	8,086,000	8,606,000	8,346,000
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)	3,813,000	4,100,000	3,956,500
20	Transmission Related Deferrals	Ln 17 - ln 18 - ln 19	4,273,000	4,506,000	4,389,500
21	<u>Account 255</u>				
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 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 1.167(l)-(h)(6)(ii). Line item detail of actual deferred tax items will be included on Worksheets B-1 and B-2.

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

(DEBIT) CREDIT

[illegible]

DEBIT (CREDIT)

1 ACCOUNT 190:

KINGSPORT POWER COMPANY, INC.

Worksheet B-3

Excess/ Deficient ADIT Worksheet for Total Company and Functional Balances

For Year Ended December 31, 2022

Debit/(Credit)

A	B	C	D	E
TOTAL COMPANY BALANCES				

Line No.	Account (NOTE A)	Description of Account	Protected Unprotected	Tax Rate Change Act
Deferred Tax Account (NOTE B)				
1a	1904001	ADFIT - FAS 109 Excess	N/A	TCJA 2017
1b	1903001	ADFIT - FAS 109 Excess	N/A	TCJA 2017
1c	2811001	ADFIT - Accel Amortization Property	Protected	TCJA 2017
1d	2814001	ADFIT - Accel Amort FAS 109 Excess	Protected	TCJA 2017
1e	2821001	ADFIT - Utility Property	Protected	TCJA 2017
1f	2821001	ADFIT - Utility Property	Unprotected	TCJA 2017
1g	2824001	ADFIT - Utility Property FAS 109 Excess	Protected	TCJA 2017
1h	2824001	ADFIT - Utility Property FAS 109 Excess	Unprotected	TCJA 2017
1i	2831001	ADFIT - Other Utility Deferrals	Unprotected	TCJA 2017
1k	2834001	ADFIT - Other FAS 109 Excess	Unprotected	TCJA 2017
1l	NOTE E			
Regulatory Deferral Accounts				
2a	182.3	Regulatory Asset		TCJA 2017
2b	254	Regulatory Liability		TCJA 2017
2c	NOTE E			
3	Total For Accounting Entires (Sum of Lines 1a through 2b)			

TRANSMISSION FUNCTION BALANCES

Deferred Tax Account (NOTE B)				
4a	1904001	ADFIT - FAS 109 Excess	N/A	TCJA 2017
4b	2821001	ADFIT - Utility Property	Protected	TCJA 2017
4c	2821001	ADFIT - Utility Property	Unprotected	TCJA 2017
4d	2824001	ADFIT - Utility Property FAS 109 Excess	Protected	TCJA 2017
4e	2824001	ADFIT - Utility Property FAS 109 Excess	Unprotected	TCJA 2017
4f	2831001	ADFIT - Other Utility Deferrals	Unprotected	TCJA 2017
4g	2834001	ADFIT - Other FAS 109 Excess	Unprotected	TCJA 2017
4h	NOTE E			
Regulatory Deferral Accounts				
5a	182.3	Regulatory Asset		TCJA 2017
5b	254	Regulatory Liability		TCJA 2017
5c	NOTE E			
6	Total For Accounting Entires (Sum of Lines 4a through 5b)			

GENERAL NOTE: ADIT Tax balances provided in the formula presented in Attachment H-14B are maintained on both a to:

formula, the information for excess and deficient ADIT is also presented for both total company and the transmission functional summary.

- NOTE A: In order to ensure ratebase neutrality, AEP utilizes the fourth digit of its seven digit FERC Tax subaccount number. The fourth digit of a FERC tax account refers to the utility operations balances or activity. Accounts with the "1" in the fourth position of the account number indicates accounts used to track regulatory accounting requirements balance, which will ensure that in the formula rate the excess or deficiency amounts will be part of ratebase, but the amounts recorded in the "4" accounts will be offset on a net basis in the regulatory asset or liability subaccount.
- NOTE B: The amount of the FIT gross up to be recorded on regulatory assets and liabilities will be reported on the first line.
- NOTE C: The amounts of the remeasurement shown here are as of the effective date of the change in tax rates and will be reported on the second line.
- NOTE D: The ten year amortization period for unprotected excess ADIT is consistent with the period agreed upon by the Company, *et al*, 166 FERC ¶ 61,135 (2019).
- NOTE E: In the event of future tax rate changes, additional lines will be inserted in both the Total Company and Transmission functional summary that may be necessary to track that tax rate change.
- NOTE F: The amount of excess amortization entries shown in lines 1b through 1l and 4a through 4h are shown as a debit and 6 is the offset recorded to the 410/411 account and will tie to the total company and transmission functional summary service.

F	G	H	I	J
			1/1/2022 Beginning Balances	
Excess Balance at Remeasurement (NOTE C)	Amortization Methodology (NOTE D)	Amotization Period	Excess ADIT Regulatory Offset	Excess ADIT in Utility Deferrals
(9,642,271) ARAM (2,209,294) 10 Years	Life of Asset 1/2018 - 12/2027			
(1,624,367) 10 Years	1/2018 - 12/2027			
			-	-
(2,351,751) ARAM (470,396) 10 Years	Life of Asset 1/2018 - 12/2027			
89,682 10 Years	1/2018 - 12/2027			
			-	-

tal company and transmission functional basis. Because both sets of numbers are presented in the

on on this worksheet. Account 281 only applies to the generation function, so is not presented in the

numbers to identify balances associated with utility operations vs regulatory reporting requirements. A "1" in
" designation will be included in the determination of ratebase to be recovered in the formula rate. A "4"
nts. The excess ADIT amounts recorded in accounts with the "4" designation will be contra to the "1"
ut at the total FERC account level the tax liability or asset will be recorded at the current Federal FIT rate.
account established for this purpose.

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

remain static on this workpaper.

Company and its customers and approved for the Company's PJM formula rates. *Appalachian Power*

mission Functional sections above as required to reflect any new ADIT or regulatory deferral accounts

debit or credit to the ADIT account from which it is being amortized. The total in line 3
al amounts of excess or deficient ADIT amortization shown on line 119 of the cost of

K	L	M	N	O	P
	Balance Sheet Entries		Tax Expense Entries		12/31/2022 Er

Balance Sheet Account Reclassifications	182.3	254	410/411 Excess Amortization	410/411 Deferred Tax Expense/ (Benefit)	Excess ADIT Regulatory Offset
Sum of Co					

					-
					-
					-
					-
					-
					-

				-
				-

-	-	-	-	-	-
---	---	---	---	---	---

NOTE F

					Sum of Co
--	--	--	--	--	-----------

					-
					-
					-
					-

				-
				-

-	-	-	-	-	-
---	---	---	---	---	---

NOTE F

Q
Ending Balance

R

Excess ADIT in Utility
Deferrals

Reference

Cols (I) - (O)	
	WS B - 2 Col B/C, ADIT item 2.36
	Company Records
-	
-	WS B - 1 Cols M+N+O , ADIT 5.20
-	
	WS B - 1 Col B/C, ADIT Item 5.23
-	WS B - 1 Cols M+N+O , ADIT 9.16
	WS B - 1 Col B/C, ADIT Item 9.19

Company Records
FERC Form 1 p. 278 Ln. 3 Cols, (b) /(f)

-

Cols (I) - (O)

	Company Records
-	WS B - 1 Col N, ADIT Item 5.20
-	
	Company Records
-	WS B - 1 Cols N , ADIT Item 9.16
	Company Records

Company Records
Company Records

-

AEP East Companies
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet C Supporting Working Capital Rate Base Adjustments
KINGSPORT POWER COMPANY

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
Materials & Supplies								
Line Number		Source	Balance @ December 31, 2022	Balance @ December 31, 2021	Average Balance for 2022			
1								
2	Transmission Materials & Supplies	FF1, p. 227, ln 8, Col. (c) & (b)	2,000	2,000	2,000			
3	General Materials & Supplies	FF1, p. 227, ln 11, Col. (c) & (b)	1,000	1,000	1,000			
4	Stores Expense (Undistributed) - Account 163	FF1, p. 227, ln 16, Col. (c) & (b)	0	0	-			
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, 2022	3,868,000	2,646,000	0	223,000	999,000	1,222,000	
7	Totals as of December 31, 2021	4,145,000	(2,451,000)		240,000	6,356,000	6,596,000	
8	Average Balance	4,006,500	97,500	-	231,500	3,677,500	3,909,000	
Prepayments Account 165 - Balance @ 12/31/2022								
	Acc. No.	Description	2022 YE Balance	Excludable Balances	100% Transmission Related	Transmission Plant Related	Transmission Labor Related	Total Included in Ratebase (E)+(F)+(G) Explanation
10	1650001	Prepaid Insurance	81,000	-		81,000		81,000 Plant Related Insurance Policies
11	165000220	Prepaid Taxes	3,458,000	3,458,000				- Prepaid Taxes - Distribution
12	165000221	Prepaid Taxes	161,000	161,000				- Prepaid Taxes - Distribution
13	1650003	Prepaid Rents	0	-				-
14	1650004	Prepaid Interest	0	-				-
15	1650005	Prepaid Employee Benefits	0	-				-
16	1650006	Other Prepayments	0	-				-
17	1650009	Prepaid Carry Cost-Factored AR	26,000	26,000				- Prepayments-Other
18	1650010	Prepaid Pension Benefits	3,648,000	-			3,648,000	- AR Factoring - Retail Only
19	1650014	FAS 158 Qual Contra Asset	(3,648,000)	(3,648,000)				3,648,000 Prefunded Pension Expense
20	1650016	FAS 112 ASSETS	0	-				- SFAS 158 Offset
21	1650021	Prepaid Insurance - EIS	142,000	-		142,000		142,000 EIS Insurance
22	1650023	Prepaid Lease	0	-				-
23	1650035	PRW Without Med-D Benefits	(2,649,000)	-			(2,649,000)	(2,649,000) Medical Benefits
24	1650036	PRW for Med-D Benefits	0	-				-
25	1650037	FAS158 Contra-PRW Exc Med-D	2,649,000	2,649,000				- SFAS 158 Offset
Subtotal - Form 1, p 111.57.c			3,868,000	2,646,000	0	223,000	999,000	1,222,000
Prepayments Account 165 - Balance @ 12/31/ 2021								
	Acc. No.	Description	2021 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	87,000	-		87,000		87,000 Plant Related Insurance Policies
28	165000220	Prepaid Taxes	3,704,000	3,704,000				- Prepaid Taxes - Distribution
29	165000221	Prepaid Taxes	173,000	173,000				- Prepaid Taxes - Distribution
30	1650003	Prepaid Rents	0	-				-
31	1650004	Prepaid Interest	0	-				-
32	1650005	Prepaid Employee Benefits	0	-				-
33	1650006	Other Prepayments	0	-				-
34	1650009	Prepaid Carry Cost-Factored AR	28,000	28,000				- Prepayments-Other
35	1650010	Prepaid Pension Benefits	4,005,000	-			4,005,000	- AR Factoring - Retail Only
36	1650014	FAS 158 Qual Contra Asset	(4,005,000)	(4,005,000)				4,005,000 Prefunded Pension Expense
37	1650016	FAS 112 ASSETS	0	-				- SFAS 158 Offset
38	1650021	Prepaid Insurance - EIS	153,000	-		153,000		153,000 EIS Insurance
39	1650023	Prepaid Lease	0	-				-
40	1650035	PRW Without Med-D Benefits	2,351,000	-			2,351,000	2,351,000 Medical Benefits
41	1650036	PRW for Med-D Benefits	0	-				-
42	1650037	FAS158 Contra-PRW Exc Med-D	(2,351,000)	(2,351,000)				- SFAS 158 Offset
Subtotal - Form 1, p 111.57.d			4,145,000	(2,451,000)		240,000	6,356,000	6,596,000

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 the 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).

AEP East Companies
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet D Supporting IPP Credits
KINGSPORT POWER COMPANY

<u>Line Number</u>	<u>(A) Description</u>	<u>(B) 2022</u>
1	Net Funds from IPP Customers 12/31/2021 (2022 FORM 1, P269)	0
2	Interest Accrual (Company Records - Note 1)	0
3	Revenue Credits to Generators (Company Records - Note 1)	0
4	<u>Other Adjustments</u>	
5	Accounting Adjustment (Company Records - Note 1)	0
6		-
7	Net Funds from IPP Customers 12/31/2022 (2022 FORM 1, P269)	-
8	Average Balance for Year as Indicated in Column B $((\text{In } 1 + \text{In } 7)/2)$	-

Note 1 On this worksheet Company Records refers to KINGSPORT POWER COMPANY's general ledger.

AEP East Companies
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet E Supporting Revenue Credits
KINGSPORT POWER COMPANY

<u>Line Number</u>	<u>Description</u>	<u>Total Company</u>	<u>Non- Transmission</u>	<u>Transmission</u>
1	Account 450, Forfeited Discounts (FF1 p.300.16.(b); Company Records - Note 1)	306,000	306,000	-
2	Account 451, Miscellaneous Service Revenues (FF1 p.300.17.(b); Company Records - Note 1)	102,000	102,000	-
3	Account 454, Rent from Electric Property (FF1 p.300.19.(b); Company Records - Note 1)	758,000	713,000	45,000
4	Account 4560015, Associated Business Development - (Company Records - Notes 1, 2)	321,000	201,000	120,000
5	Account 456 - Other Electric Revenues - (Company Records - Notes 1,2)	5,304,000	5,304,000	-
5a	Account 457.1, Regional Control Service Revenues (FF1 p.300.23.(b); Company Records - Note 1)		-	
5b	Account 457.2, Miscellaneous Revenues (FF1 p.300.24.(b); Company Records - Note 1)		-	
6	Subtotal - Other Operating Revenues (Company Total equals (FF1 p. 300.26.(b))	6,791,000	6,626,000	165,000
7	Accounts 4470004 & 5, Revenues from Grandfathered Transmission Contracts - (Company Records - Note 1)		-	
8	Total Other Operating Revenues To Reduce Revenue Requirement	6,791,000	6,626,000	165,000

Note 1 The total company data on this worksheet comes from the indicated FF1 source, or KINGSPORT POWER 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)

9 Facility Credits under PJM OATT Section 30.9

-

AEP East Companies
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet F Supporting Allocation of Specific O&M or A&G Expenses
KINGSPORT POWER COMPANY

<u>Line</u> <u>Number</u>	<u>(A)</u> <u>Item No.</u>	<u>(B)</u> <u>Description</u>	<u>(C)</u> <u>2022</u> <u>Expense</u>	<u>(D)</u> <u>100%</u> <u>Non-Transmission</u>	<u>€</u> <u>100%</u> <u>Transmission</u> <u>Specific</u>	<u>(F)</u> <u>Explanation</u>
<u>Regulatory O&M Deferrals & Amortizations</u>						
1			-			
2			-			
3						
4		Total	<u>0</u>			
<u>Detail of Account 561 Per FERC Form 1</u>						
5						
6	FF1 p 321.85.b	561.1 - Load Dispatch - Reliability	0			
7	FF1 p 321.86.b	561.2 - Load Dispatch - Monitor & Operate Trans System	5,000			
8	FF1 p 321.87.b	561.3 - Load Dispatch - Trans Service & Scheduling	0			
9	FF1 p 321.88.b	561.4 - Scheduling, System Control & Dispatch	0			
10	FF1 p 321.89.b	561.5 - Reliability, Planning and Standards Development	4,000			
11	FF1 p 321.90.b	561.6 - Transmission Service Studies	0			
12	FF1 p 321.91.b	561.7 - Generation Interconnection Studies	0			
13	FF1 p 321.92.b	561.8 - Reliability, Planning and Standards Development Services	0			
14		Total of Account 561	<u>9,000</u>			
<u>Account 928</u>						
15	9280000	Regulatory Commission Exp	-	-	-	
16	9280001	Regulatory Commission Exp-Adm	-	-	-	
17	9280002	Regulatory Commission Exp-Case	-	-	-	
18	9280003	Rate Case Amort	-	-	-	
19	9280005	Reg Com Exp-FERC Trans Cases	-	-	-	
20		Total (FERC Form 1 p.323.189.b)	<u>-</u>	<u>-</u>	<u>-</u>	
<u>Account 930.1</u>						
21	9301000	General Advertising Expenses	-	-	-	
22	9301001	Newspaper Advertising Space	-	-	-	
23	9301010	Publicity	-	-	-	
24	9301012	Public Opinion Surveys	1,000	1,000	-	
25	9301015	Other Corporate Comm Exp	-	-	-	
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37		Total (FERC Form 1 p.323.191.b)	<u>1,000</u>	<u>1,000</u>	<u>-</u>	
<u>Account 930.2</u>						
38	9302000	Misc General Expenses	10,000	10,000		
39	9302003	Corporate & Fiscal Expenses	1,000	1,000		
40	9302004	Research, Develop&Demonstr Exp	-	-		
41	9302006	Assoc Business Development Materials Sold	1,000	1,000	-	
42	9302007	Assoc Business Development Exp	210,000	57,000	153,000	
43		Total (FERC Form 1 p.323.192.b)	<u>222,000</u>	<u>69,000</u>	<u>153,000</u>	

AEP East Companies
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet G Supporting - Development of Composite State Income Tax Rate
KINGSPORT POWER COMPANY

Tennessee Income Tax Rate	6.50%	
Apportionment Factor - Note 1	98.25%	
Effective State Tax Rate		6.39%
West Virginia Net Income Tax Rate	6.50%	
Apportionment Factor - Note 1	0.00%	
Effective State Tax Rate		0.00%
Virginia Income Tax Rate	0.00%	
Apportionment Factor - Note 1	0.00%	
Effective State Tax Rate		0.00%
Ohio Franchise Tax Rate	0.00%	
Phase-out Factor	0.00%	
Apportionment Factor - Note 1	0.00%	
Effective State Tax Rate		0.00%
Michigan Business Income Tax Rate	0.00%	
Apportionment Factor - Note 1	0.00%	
Effective State Tax Rate		0.00%
Illinois Corporation Income Tax Rate	0.00%	
Apportionment Factor - Note 1	0.00%	
Effective State Tax Rate		0.00%
Total Effective State Income Tax Rate		6.39%

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

AEP East Companies
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet H Supporting Taxes Other than Income
KINGSPORT POWER 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	4,366,000				4,366,000
3	Real Estate and Personal Property Taxes					
4	Real and Personal Property - Tennessee	1,807,000	1,807,000			
5	Real and Personal Property - Other Jurisdictions	-	-			
6	Real and Personal Property	-	-			
7	Real and Personal Property	-	-			
8	Payroll Taxes					
9	Federal Insurance Contribution (FICA)	162,000		162,000		
10	Federal Unemployment Tax	-		-		
11	State Unemployment Insurance	-		-		
12	Production Taxes					
13	State Severance Taxes	-				-
14	Miscellaneous Taxes					
15	State Business & Occupation Tax	-				-
16	State Public Service Commission Fees	-			-	
17	State Franchise Tax	4,393,000			4,393,000	
18	VA License/Registration	-			-	
19	Misc. State & Local Tax	679,000			679,000	
20	Sales & Use	1,000				1,000
21	Federal Excise Tax	-				-
22	Michigan Single Business Tax	-				-
23						
24	Total Taxes by Allocable Basis	11,408,000	1,807,000	162,000	5,072,000	4,367,000

(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

	Production	Transmission	Distribution	General	Total
25 Functionalized Net Plant (TCOS, Lns 41 thru 46)	-	37,465,000	147,707,000	8,881,000	194,053,000
TENNESSEE JURISDICTION					
26 Percentage of Plant in TENNESSEE JURISDICTION	0.00%	100.00%	100.00%	100.00%	
27 Net Plant in TENNESSEE JURISDICTION (Ln 25 * Ln 26)	-	37,465,000	147,707,000	8,881,000	194,053,000
28 Less: Net Value of Exempted Generation Plant	-	-	-	-	-
29 Taxable Property Basis (Ln 27 - Ln 28)	-	37,465,000	147,707,000	8,881,000	194,053,000
30 Relative Valuation Factor	0.00%	100.00%	100.00%	100.00%	
31 Weighted Net Plant (Ln 29 * Ln 30)	-	37,465,000	147,707,000	8,881,000	
32 General Plant Allocator (Ln 31 / (Total - General Plant))	0.00%	20.23%	79.77%	-100.00%	
33 Functionalized General Plant (Ln 32 * General Plant)	-	1,796,852	7,084,148	(8,881,000)	-
34 Weighted TENNESSEE JURISDICTION Plant (Ln 31 + 33)	-	39,261,852	154,791,148	-	194,053,000
35 Functional Percentage (Ln 34/Total Ln 34)	0.00%	20.23%	79.77%		
STATE JURISDICTION #2					
36 Percentage of Plant in STATE JURISDICTION #2					
37 Net Plant in STATE JURISDICTION #2 (Ln 25 * Ln 36)	-	-	-	-	-
38 Less: Net Value of Exempted Generation Plant	-	-	-	-	-
39 Taxable Property Basis (Ln 37 - Ln 38)	-	-	-	-	-
40 Relative Valuation Factor					
41 Weighted Net Plant (Ln 39 * Ln 40)	-	-	-	-	-
42 General Plant Allocator (Ln 41 / (Total - General Plant))	0.00%	0.00%	0.00%	-100.00%	
43 Functionalized General Plant (Ln 42 * General Plant)	-	-	-	-	-
44 Weighted STATE JURISDICTION #2 Plant (Ln 41 + 43)	-	-	-	-	-
45 Functional Percentage (Ln 44/Total Ln 44)	#DIV/0!	#DIV/0!	#DIV/0!		
STATE JURISDICTION #3					
46 Net Plant in STATE JURISDICTION #3 (Ln 25 - Ln 37)	-	-	-	-	-
47 Less: Net Value Exempted Generation Plant	-	-	-	-	-
48 Taxable Property Basis	-	-	-	-	-
49 Relative Valuation Factor					
50 Weighted Net Plant (Ln 48 * Ln 49)	-	-	-	-	-
51 General Plant Allocator (Ln 50 / (Total - General Plant))	0.00%	0.00%	0.00%	-100.00%	
52 Functionalized General Plant (Ln 52 * General Plant)	-	-	-	-	-
53 Weighted STATE JURISDICTION #3 Plant (Ln 50 + 52)	-	-	-	-	-
54 Functional Percentage (Ln 53/Total Ln 53)	#DIV/0!	#DIV/0!	#DIV/0!		

AEP East Companies
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet H-1 Form 1 Source Reference of Company Amounts on WS H
KINGSPORT POWER 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
----------	---	----------------------	-----------------------------	------------------------------

Revenue Taxes

2 Gross Receipts Tax

4,366,000

4,366,000

Line No.	(A) Real Estate and Personal Property 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)
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Real Estate and Personal Property Taxes Total
(Ln 4 + Ln 5 + Ln 6 + Ln 7)

1,807,000

365,602

4 Real and Personal Property - Tennessee

2022

1,807,000

1,807,000

20.23%

365,602

365,602

5 Real and Personal Property - Other

-

-

0.00%

-

6 Real and Personal Property - Tennessee

-

-

0.00%

-

7 Real and Personal Property - Other Jurisdictions

-

-

0.00%

-

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

Payroll Taxes

9 Federal Insurance Contribution (FICA)

162,000

162,000

10 Federal Unemployment Tax

-

-

11 State Unemployment Insurance

-

-

Production Taxes

13 State Severance Taxes

-

-

Miscellaneous Taxes

15 State Business & Occupation Tax

-

-

16 State Public Service Commission Fees

-

-

17 State Franchise Taxes

4,393,000

4,393,000

18 State Lic/Registration Fee

-

-

19 Misc. State and Local Tax

679,000

679,000

20 Sales & Use

1,000

1,000

21 Federal Excise Tax

-

-

22 Michigan Single Business Tax

-

-

23 Total Taxes by Allocable Basis
(Total Company Amount Ties to FF1 p.114, Ln 14.(c))

11,408,000

11,408,000

Note 1: The taxes assessed on each operating company can differ from year to year and between operating 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 operating 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 assessed. Real and Personal Property - Other Jurisdictions will be allocated using the Gross Plant Allocator from the applicable year.

AEP East Companies
Cost of Service Formula Rate Using 2022 FF1 Balances
Worksheet I RESERVED FOR FUTURE USE
KINGSPORT POWER COMPANY

AEP East Companies
Cost of Service Formula Rate Using 2022 FF1 Balances
Worksheet J Supporting Calculation of PROJECTED PJM RTEP Project Revenue Requirement Billed to Benefiting Zones
KINGSPORT POWER COMPANY

Page 1 of 2

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

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

ROE w/o incentives (TCOS, ln 156)			10.35%
Project ROE Incentive Adder			
ROE with additional basis point incentive			10.35%
Determine R (cost of long term debt, cost of preferred stock and equity percentage is from the TCOS, lns 154 through 156)			
	%	Cost	Weighted cost
Long Term Debt	50.43%	3.38%	1.703%
Preferred Stock	0.00%	0.00%	0.000%
Common Stock	49.57%	10.35%	5.130%
		R =	6.834%

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

Rate Base (TCOS, ln 68)	36,505,406
R (from A. above)	6.834%
Return (Rate Base x R)	2,494,689

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

Return (from B. above)	2,494,689
Effective Tax Rate (TCOS, ln 114)	26.44%
Income Tax Calculation (Return x CIT)	659,692
ITC Adjustment	-
Excess Deferred Income Tax	(128,462)
Tax Affect of Permanent Differences	1,352
Income Taxes	532,582

SUMMARY OF PROJECTED ANNUAL RTEP REVENUE REQUIREMENTS			
PROJECTED YEAR	2022	Rev Require	W Incentives
		-	-
			Incentive Amounts
		\$	-

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

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

Annual Revenue Requirement (TCOS, ln 1)	6,334,869
Lease Payments (TCOS, ln 95)	-
Return (TCOS, ln 126)	2,494,689
Income Taxes (TCOS, ln 125)	532,582
Annual Revenue Requirement, Less Lease Payments, Return and Taxes	3,307,598

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

Annual Revenue Requirement, Less Lease Payments, Return and Taxes	3,307,598
Return (from I.B. above)	2,494,689
Income Taxes (from I.C. above)	532,582
Annual Revenue Requirement, with Basis Point ROE increase	6,334,869
Depreciation (TCOS, ln 100)	741,000
Annual Rev. Req. w/ Basis Point ROE increase, less Depreciation	5,593,869

C. Determine FCR with hypothetical basis point ROE increase.

Net Transmission Plant (TCOS, ln 42)	37,465,000
Annual Revenue Requirement, with Basis Point ROE increase	6,334,869
FCR with Basis Point increase in ROE	16.91%
Annual Rev. Req. w/ Basis Point ROE increase, less Dep.	5,593,869
FCR with Basis Point ROE increase, less Depreciation	14.93%
FCR less Depreciation (TCOS, ln 10)	14.93%
Incremental FCR with Basis Point ROE increase, less Depreciation	0.00%

III. Calculation of Composite Depreciation Rate

Average Transmission Plant Balance for 2022 (TCOS, ln 21)	50,681,000
Annual Depreciation and Amortization Expense (TCOS, ln 100)	741,000
Composite Depreciation Rate	1.46%
Depreciable Life for Composite Depreciation Rate	68.40
Round to nearest whole year	68

AEP East Companies
Cost of Service Formula Rate Using 2022 FF1 Balances
Worksheet L Reserved for Future Use
KINGSPORT POWER COMPANY

AEP East Companies
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet M Supporting Calculation of Capital Structure and Weighted Average Cost of Capital
KINGSPORT POWER COMPANY

Line No	Month (a)	Average Balance of Common Equity				Average Balance of Common Equity (f)=(b)-(c)-(d)-(e)
		Proprietary Capital (b)	Less: Preferred Stock (c)	Less Undistributed Sub Earnings (Acct 216.1) (d)	Less AOCI (Acct 219.1) (e)	
	(Note A)	(FF1 112.16)	(FF1 250-251)	(FF1 112.12)	(FF1 112.15)	
1	December Prior to Rate Year	76,927,000			-	76,927,000
2	January	77,717,000			-	77,717,000
3	February	77,651,000			-	77,651,000
4	March	78,206,000			-	78,206,000
5	April	77,709,000			-	77,709,000
6	May	77,342,000			-	77,342,000
7	June	77,168,000			-	77,168,000
8	July	78,366,000			-	78,366,000
9	August	79,700,000			-	79,700,000
10	September	79,521,000			-	79,521,000
11	October	79,656,000			-	79,656,000
12	November	80,493,000			-	80,493,000
13	December of Rate Year	81,796,000			-	81,796,000
14	Average of the 13 Monthly Balances	78,635,000	-	-	-	78,634,769

Line No	Month (a)	Average Balance of Long Term Debt					Gross Proceeds Outstanding Long-Term Debt (g)=(b)-(c)+(d)+(e)-(f)
		Acct 221 Bonds (b)	Less: Acct 222 Reacquired Bonds (c)	Acct 223 LT Advances from Assoc. Companies (d)	Acct 224 Senior Unsecured Notes (e)	Less: Fair Value Hedges (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			65,000,000	15,000,000		80,000,000
16	January			65,000,000	15,000,000		80,000,000
17	February			65,000,000	15,000,000		80,000,000
18	March			65,000,000	15,000,000		80,000,000
19	April			65,000,000	15,000,000		80,000,000
20	May			65,000,000	15,000,000		80,000,000
21	June			65,000,000	15,000,000		80,000,000
22	July			65,000,000	15,000,000		80,000,000
23	August			65,000,000	15,000,000		80,000,000
24	September			65,000,000	15,000,000		80,000,000
25	October			65,000,000	15,000,000		80,000,000
26	November			65,000,000	15,000,000		80,000,000
27	December of Rate Year			65,000,000	15,000,000		80,000,000
28	Average of the 13 Monthly Balances	-	-	65,000,000	15,000,000	-	80,000,000

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)

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

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
29	Annual Interest Expense for 2022						
30	Interest on Long Term Debt - Accts 221 - 224 (256-257.33.i)			2,702,000			
31	Less: Total Hedge Gain/Expense Accumulated from p 256-257, col. (i) of FERC Form 1 included in Ln 30 and shown in 50 below.			-			
32	Plus: Allowed Hedge Recovery From Ln 55 below.			-			
33	Amort of Debt Discount & Expense - Acct 428 (117.63.c)			-			
34	Amort of Loss on Reacquired Debt - Acct 428.1 (117.64.c)			-			
35	Less: Amort of Premium on Debt - Acct 429 (117.65.c)						
36	Less: Amort of Gain on Reacquired Debt - Acct 429.1 (117.66.c)						
37	Total Interest Expense (Ln 30 - 31 + 33 + 34 - 35 - 36)			2,702,000			
38	Average Cost of Debt for 2022 (Ln 37/ Ln 28 (g))			3.38%			

CALCULATION OF RECOVERABLE HEDGE GAINS/LOSSES

39 NOTE: The net amount of hedging gains or losses recorded in account 427 to be recovered in this formula rate should be limited to the effective portion of pre-issuance cash flow hedges that are amortized over the life of the underlying debt issuances. The recovery of a net loss or passback of a net gain will be limited to five basis points of the total Capital Structure. Amounts related to the ineffective portion of pre-issuance hedges, cash settlements of fair value hedges issued on Long Term Debt, post-issuance cash flow hedges, and cash flow hedges of variable rate debt issuances are not recoverable in this formula and are to be recorded in the "Excludable" column below.

					Amortization Period		
	HEDGE AMOUNTS BY ISSUANCE (FROM p. 256-257 (i) of the FERC Form 1)	Total Hedge (Gain)/Loss for 2022	Less Excludable Amounts (See NOTE on Line 39)	Net Includable Hedge Amount	Remaining Unamortized Balance	Beginning	Ending
40				-			
41				-			
42				-			
43				-			
44				-			
45				-			
46				-			
47				-			
48				-			
49							
50	Total Hedge Amortization	-	-				
51	Hedge Gain or Loss Prior to Application of Recovery Limit (Sum of Lines 40 to 48)			-			
52	Total Average Capital Structure Balance for 2022 (TCOS, Ln 157)			158,635,000			
53	Financial Hedge Recovery Limit - Five Basis Points of Total Capital			0.0005			
54	Limit of Recoverable Amount			79,318			
55	Recoverable Hedge Amortization (Lesser of Ln 51 or Ln 54)			-			

Development of Cost of Preferred Stock

	Preferred Stock	Average	
56	0% Series - 0 - Dividend Rate (p. 250-251)	0.000%	0.000%
57	0% Series - 0 - Par Value (p. 250-251)	\$ -	\$ -
58	0% Series - 0 - Shares O/S (p.250-251)	-	-
59	0% Series - 0 - Monetary Value (Ln 57 * Ln 58)	-	-
60	0% Series - 0 - Dividend Amount (Ln 56 * Ln 59)	-	-
61	0% Series - 0 - Dividend Rate (p. 250-251)	0.000%	0.000%

62 0% Series - 0 - Par Value (p. 250-251)	\$	-	\$	-	
63 0% Series - 0 - Shares O/S (p.250-251)		-		-	
64 0% Series - 0 - Monetary Value (Ln 62 * Ln 63)		-		-	-
65 0% Series - 0 - Dividend Amount (Ln 61 * Ln 64)		-		-	-
66 0% Series - 0 - Dividend Rate (p. 250-251)		0.000%		0.000%	
67 0% Series - 0 - Par Value (p. 250-251)	\$	-	\$	-	
68 0% Series - 0 - Shares O/S (p.250-251)		-		-	
69 0% Series - 0 - Monetary Value (Ln 67 * Ln 68)		-		-	-
70 0% Series - 0 - Dividend Amount (Ln 66 * Ln 69)		-		-	-
71 Balance of Preferred Stock (Lns 59, 64, 69)		-		-	- Year End Total Agrees to FF1 p.112, Ln 3, col (c) & (d)
72 Dividends on Preferred Stock (Lns 60, 65, 70)		-		-	-
73 Average Cost of Preferred Stock (Ln 72/71)		0.00%		0.00%	0.00%

AEP East Companies
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet N - Gains (Losses) on Sales of Plant Held For Future Use
KINGSPORT POWER COMPANY

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

Line	(A) Date	(B) Property Description	(C) Function (T) or (G) T = Transmission G = General	(D) Basis	(E) Proceeds	(F) (Gain) / Loss	(G) Functional Allocator	(H) Functionalized Proceeds (Gain) / Loss	(I) FERC Account
1						-	0.000%	-	
2						-	0.000%	-	
3						-	0.000%	-	
4				Net (Gain) or Loss for 2022		-		-	

AEP East Companies
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet O - Calculation of Postemployment Benefits Other than Pensions Expenses Allocable to Transmission Service
KINGSPORT POWER COMPANY

1 Total AEP East Operating Company PBOP Settlement Amount (127,042,000)

Allocation of PBOP Settlement Amount for 2022

Line#	Company	Actual Expense (Including AEPSC Billed OPEB)	Total Company Amount			Labor Allocator for 2022	Actual Expense	Allowable Expense	One Year Functional Expense (Over)/Under
			Ratio of Company Actual to Total	Allocation of PBOP Recovery Allowance					
		(A)	(B)=(A)/Total (A)	(C)=(B) * -127042000	(D)	(E)=(A) * (D)	(F)=(C) * (D)	(G)=(E) - (F)	
		(Line 14)							
2	APCo	(21,654,000)	35.88%	(45,576,757)	10.559%	(2,286,344)	(4,812,235)	2,525,891	
3	I&M	(16,229,000)	26.89%	(34,158,363)	4.637%	(752,490)	(1,583,820)	831,330	
4	KPCo	(5,029,000)	8.33%	(10,584,904)	8.698%	(437,439)	(920,709)	483,270	
5	KNGP	(537,000)	0.89%	(1,130,263)	12.563%	(67,464)	(141,997)	74,533	
6	OPCo	(15,972,000)	26.46%	(33,617,436)	12.672%	(2,023,979)	(4,260,016)	2,236,037	
7	WPCo	(938,000)	1.55%	(1,974,277)	3.775%	(35,411)	(74,533)	39,122	
8	Sum of Lines 2 to 7	(60,359,000)		(127,042,000)		(5,603,126)	(11,793,309)	6,190,183	

Detail of Actual PBOP Expenses to be Removed in Cost of Service

	APCo	I&M	KPCo	KNGSPT	OPCo	WPCo	AEP East Total
9 Direct Charged PBOP Expense per Actuarial Report	(18,399,000)	(15,727,000)	(4,563,000)	(409,000)	(12,905,000)	(478,000)	(52,481,000)
10 Additional PBOP Ledger Entries (from Company Records)	519,000	1,847,000	418,000	-	-	(376,000)	
11 Medicare Subsidy	-	-	-	-	-	-	-
12 Net Company Expense (Ln 9 + Ln 10 + Ln 11)	(17,880,000)	(13,880,000)	(4,145,000)	(409,000)	(12,905,000)	(854,000)	(50,073,000)
13 PBOP Expenses From AEP Service Corporation (from Company Records)	(5,244,000)	(3,720,000)	(1,263,000)	(166,000)	(4,133,000)	(120,000)	(14,646,000)
14 Company PBOP Expense (Ln 12 + Ln 13)	(23,124,000)	(17,600,000)	(5,408,000)	(575,000)	(17,038,000)	(974,000)	(64,719,000)

For the rate year 2017 and adjusted every four years thereafter, using the annual actuarial report produced for that year, filed as part of the informational filing, Worksheet O will be used to adjust PBOP costs for the next four years (i.e. 2017, 2018, 2019, 2020). If the annual actuarial report projects PBOP costs during the next four years, taken together with the then current cumulative PBOP cost/allowance position, will, absent a change in the PBOP allowance, cause the AEP Companies to over or under collect their cumulative PBOP costs by more than 20% of the projected next four year's total cost, the PBOP allowance shall be adjusted. Worksheet O will be used in the process of updating the PBOP allowance determining (a) the level of cumulative over or under collections during the period since the PBOP allowance was last set, including carrying costs based on the weighted average cost of capital ("WACC") each year from the actual formula rate; (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 formula rate weighted average cost of capital for the prior calendar year; and (c) the cumulative net present value of continued collections over the next four years based on the then effective PBOP allowance, assuming a discount rate equal to the prior year WACC. If the absolute value of (a)+(b)-(c) exceeds 20% of (b), then the PBOP allowance used in the formula rate calculation shall be changed to the value that will cause the projected result (a)+(b)-(c) to equal zero. If the projected over or under collection during the next four years will be less than 20% of (b), then the PBOP allowance 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 expense stated in the formula rate shown on Worksheet O. No other changes to the formula rate may be included in that filing.

AEP EAST COMPANIES
Worksheet - P CALCULATION OF
TOTAL WEIGHTED AVERAGE DEPRECIATION RATES
FOR TRANSMISSION PLANT PROPERTY ACCOUNT
EFFECTIVE AS OF 1/1/2020
FOR MULTIPLE JURISDICTION COMPANIES
Appalachian Power Company

	VIRGINIA				WEST VIRGINIA			FERC WHOLESALE			FERC KINGSFORT			COMPANY
	(1)			WTD AVG.	(2)		WTD AVG.	(3)		WTD AVG.	(4)		WTD AVG.	
PLANT ACCT.	VA SCC RATES	ALLOCATION FACTOR (5)	DEPREC. RATE		PSC OF WV APPROVED RATES	ALLOCATION FACTOR (5)	DEPREC. RATE	FERC RATES	ALLOCATION FACTOR (5)	DEPREC. RATE	FERC RATES	ALLOCATION FACTOR (5)	DEPREC. RATE	WTD AVG. DEPREC. RATE
TRANSMISSION PLANT														
Land Rights - Va.	350.1	0.66%	1.000000	0.66%										0.66%
Energy Storage Equip	351.0				14.22%	1.000000	14.22%							14.22%
Structures & Improvements	352.0	1.99%	0.494821	0.98%	1.62%	0.411083	0.67%	2.19%	0.036533	0.08%	2.19%	0.057563	0.13%	1.86%
Station Equipment	353.0	2.70%	0.494821	1.34%	2.37%	0.411083	0.97%	2.19%	0.036533	0.08%	2.19%	0.057563	0.13%	2.52%
Towers & Fixtures	354.0	1.64%	0.494821	0.81%	1.59%	0.411083	0.65%	2.19%	0.036533	0.08%	2.19%	0.057563	0.13%	1.67%
Poles & Fixtures	355.0	3.46%	0.494821	1.71%	2.71%	0.411083	1.11%	2.19%	0.036533	0.08%	2.19%	0.057563	0.13%	3.03%
Overhead Conductor	356.0	1.65%	0.494821	0.82%	1.53%	0.411083	0.63%	2.19%	0.036533	0.08%	2.19%	0.057563	0.13%	1.66%
Underground Conduit	357.0	2.49%	0.494821	1.23%	3.71%	0.411083	1.53%	2.19%	0.036533	0.08%	2.19%	0.057563	0.13%	2.97%
Underground Conductors	358.0	4.72%	0.494821	2.34%	5.24%	0.411083	2.15%	2.19%	0.036533	0.08%	2.19%	0.057563	0.13%	4.70%
GENERAL PLANT														
Structures & Improvements	390.0	1.89%	0.523756	0.99%	1.91%	0.425941	0.81%	3.43%	0.019295	0.07%	3.43%	0.031009	0.11%	1.98%
Office Furniture & Equipment	391.0	3.21%	0.523756	1.68%	3.17%	0.425941	1.35%	3.43%	0.019295	0.07%	3.43%	0.031009	0.11%	3.21%
Transportation Equipment	392.0	3.46%	0.523756	1.81%	3.40%	0.425941	1.45%	3.43%	0.019295	0.07%	3.43%	0.031009	0.11%	3.44%
Stores Equipment	393.0	1.78%	0.523756	0.93%	1.80%	0.425941	0.77%	3.43%	0.019295	0.07%	3.43%	0.031009	0.11%	1.88%
Tools Shop & Garage Equipment	394.0	2.59%	0.523756	1.36%	2.57%	0.425941	1.09%	3.43%	0.019295	0.07%	3.43%	0.031009	0.11%	2.63%
Laboratory Equipment	395.0	3.87%	0.523756	2.03%	4.01%	0.425941	1.71%	3.43%	0.019295	0.07%	3.43%	0.031009	0.11%	3.92%
Power Operated Equipment	396.0	0.00%	0.523756	0.00%	3.90%	0.425941	1.66%	3.43%	0.019295	0.07%	3.43%	0.031009	0.11%	1.84%
Communication Equipment	397.0	5.05%	0.523756	2.64%	4.98%	0.425941	2.12%	3.43%	0.019295	0.07%	3.43%	0.031009	0.11%	4.94%
Miscellaneous Equipment	398.0	2.67%	0.523756	1.40%	2.70%	0.425941	1.15%	3.43%	0.019295	0.07%	3.43%	0.031009	0.11%	2.73%

(1) As approved in VA Case No. PUE 2020-00015 on Nov. 24, 2020
Depreciation rates were made effective on January 1, 2020.

(3) Approved by FERC March 2, 1990 in Docket ER90-132

(4) Approved by FERC March 2, 1990 in Docket ER90-133

(2) Approved by PSC of WV Order dated 2/27/2019 in
Case No. 18-0645-E-D effective 03/06/2019.

(5) Transmission allocation factors are changed annually in January based on
September factors as per the PJM tariff approved in FERC Docket ER08-1329
Attachment H-14B, Part II, pg. 15 of 21.

(6) Distribution Plant (recorded by state) is assigned only to
jurisdictions within each state.

GENERAL NOTES:

The rates for each AEP company have been approved by their respective regulatory commissions.

APCo falls under the authority of Virginia, West Virginia and the FERC. Therefore, APCo's rates are a composite of the jurisdictions under which it operates. Each jurisdictions' rate is multiplied by an allocation factor, and the product for each jurisdiction is added with the other jurisdictions to derive the composite rate for the company.

AEP will make a 205 filing whenever a company's rates are changed by their commission(s), or if the methodology to calculate the jurisdictional allocator in multiple-state companies changes. Changes in the allocation factors will not necessitate a 205 filing.

AEP EAST COMPANIES
Worksheet - P CALCULATION OF
TOTAL WEIGHTED AVERAGE DEPRECIATION RATES
FOR TRANSMISSION PLANT PROPERTY ACCOUNT
EFFECTIVE AS OF MARCH 11, 2020
FOR MULTIPLE JURISDICTION COMPANIES
INDIANA MICHIGAN POWER COMPANY

	INDIANA				MICHIGAN AND FERC			COMPANY
	(1)				(2)			
PLANT ACCT.	IURC RATES	ALLOCATION FACTOR (4)	WTD AVG. DEPREC. RATE		MPSC APPROVED RATES	ALLOCATION FACTOR (4)	WTD AVG. DEPREC. RATE	WTD AVG. DEPREC. RATE
TRANSMISSION PLANT								
Land Improvements	350.1	1.6600%	0.662335	1.0995%	1.6200%	0.337665	0.5470%	1.65%
Structures & Improvements	352.0	1.7700%	0.662335	1.1723%	1.7400%	0.337665	0.5875%	1.76%
Station Equipment	353.0	2.4300%	0.662335	1.6095%	2.4100%	0.337665	0.8138%	2.42%
Towers & Fixtures	354.0	2.5700%	0.662335	1.7022%	2.4500%	0.337665	0.8273%	2.53%
Poles & Fixtures	355.0	3.1900%	0.662335	2.1128%	3.1700%	0.337665	1.0704%	3.18%
Overhead Conductors	356.0	2.3500%	0.662335	1.5565%	2.2800%	0.337665	0.7699%	2.33%
Underground Conduit	357.0	2.3000%	0.662335	1.5234%	2.2100%	0.337665	0.7462%	2.27%
Underground Conductors	358.0	1.9300%	0.662335	1.2783%	1.9000%	0.337665	0.6416%	1.92%
Trails & Roads	359.0	1.6100%	0.662335	1.0664%	1.5900%	0.337665	0.5369%	1.60%
GENERAL PLANT								
	390.0	2.0800%	0.681868	1.4183%	2.0800%	0.318132	0.6617%	2.08%
	391.0	4.7900%	0.681868	3.2661%	4.8400%	0.318132	1.5398%	4.81%
\$0 at Dec 2018 - use old rate	392.0	4.6400%	0.681868	3.1639%	4.6800%	0.318132	1.4889%	4.65%
	393.0	7.3500%	0.681868	5.0117%	7.3800%	0.318132	2.3478%	7.36%
	394.0	6.9900%	0.681868	4.7663%	7.0700%	0.318132	2.2492%	7.02%
	395.0	5.4100%	0.681868	3.6889%	5.4600%	0.318132	1.7370%	5.43%
	396.0	4.8100%	0.681868	3.2798%	4.9000%	0.318132	1.5588%	4.84%
	397.0	3.9100%	0.681868	2.6661%	3.9300%	0.318132	1.2503%	3.92%
	398.0	3.3200%	0.681868	2.2638%	3.3500%	0.318132	1.0657%	3.33%

(1) As approved in Indiana Cause No. 45235 effective March 11, 2020.

(2) As approved in Michigan Case No. U-20359 effective February 1, 2020.

(3) FERC wholesale formula rate agreements specify that the depreciation rates in the formula rates change upon approval of MPSC rates in the Michigan jurisdiction.

(4) The rates approved for each jurisdiction are updated when approved by that commission. These demand-based allocation factors for all jurisdictions are updated when new rates are approved in one of the jurisdictions. These allocation factors reflect I&M's 12 monthly Coincident Peaks during test year of the most recent rate case.

GENERAL NOTES:

The rates for each AEP company have been approved by their respective regulatory commissions.

I&M falls under the authority of Indiana, Michigan and the FERC. Therefore, I&M's rates are a composite of the jurisdictions under which it operates. Each jurisdiction's rate is multiplied by an allocation factor, and the product for each jurisdiction is added with the other jurisdictions to derive the composite rate. AEP will make a 205 filing whenever a company's rates are changed by their commission(s), or if the methodology to calculate the jurisdictional allocator in multiple-state companies changes. Changes in the allocation factors will not necessitate a 205 filing.

**AEP EAST COMPANIES
PJM FORMULA RATE
WORKSHEET P - TRANSMISSION DEPRECIATION RATES
EFFECTIVE AS OF 09/1/2016
FOR SINGLE JURISDICTION COMPANIES
KINGSPORT POWER COMPANY**

	PLANT ACCT.	RATES Note 1
<i>TRANSMISSION PLANT</i>		
Structures & Improvements	352.0	1.04%
Station Equipment	353.0	1.49%
Towers & Fixtures	354.0	0.12%
Poles & Fixtures	355.0	2.14%
Overhead Conductors	356.0	0.77%
Underground Conduit	357.0	Note 2
Underground Conductors	358.0	Note 2
Composite Transmission Depreciation Rate		1.46%
GENERAL PLANT		
Structures & Improvements	390.0	1.71%
Office Furniture & Equipment	391.0	2.82%
Stores Equipment	393.0	2.22%
Tools Shop & Garage Equipmen	394.0	3.12%
Laboratory Equipment	395.0	3.17%
Communication Equipment	397.0	3.32%
Miscellaneous Equipment	398.0	4.92%
Total General Plant		3.25%

Reference:

Note 1: Rates Approved In Tennessee Regulatory Authority Docket No. 16-00001.
K

Note 2: Kingsport Power Company does not have investment in plant
accounts 357 or 358. Therefore, there are no depreciation rates approved

General Note

AEP will make a 205 filing whenever a company's rates are changed by their commission(s), or if the methodology to calculate the jurisdictional allocator in multiple-state companies changes. Changes in the allocation factors will not necessitate a 205 filing.

**AEP EAST COMPANIES
PJM FORMULA RATE
WORKSHEET P - TRANSMISSION DEPRECIATION RATES
EFFECTIVE AS OF 07/1/2015
FOR SINGLE JURISDICTION COMPANIES
KENTUCKY POWER COMPANY**

	PLANT ACCT.	RATES Note 1
<i>TRANSMISSION PLANT</i>		
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 Conductors	356.0	2.91%
Underground Conduit	357.0	2.99%
Underground Conductors	358.0	2.62%

Reference:

Note 1: Rates Approved in KPSC Case No. 2014-00396.

General Note

AEP will make a 205 filing whenever a company's rates are changed by their commission(s), or if the methodology to calculate the jurisdictional allocator in multiple-state companies changes. Changes in the allocation factors will not necessitate a 205 filing.

**AEP EAST COMPANIES
PJM FORMULA RATE
WORKSHEET P - TRANSMISSION DEPRECIATION RATES
EFFECTIVE AS OF 4/1/2012
FOR SINGLE JURISDICTION COMPANIES
OHIO POWER COMPANY**

	PLANT ACCT.	RATES Note 1
<i>TRANSMISSION PLANT</i>		
Structures & Improvements	352.0	2.02%
Station Equipment	353.0	2.29%
Twrs and Fixtures Above 69 KV	354.0	1.88%
Twrs and Fixtures Below 69 KV	354.0	1.88%
Poles and Fixtures Above 69 KV	355.0	3.52%
Poles and Fixtures Below 69 KV	355.0	3.52%
Overhead Conductor & Devices Above 69KV	356.0	1.91%
Overhead Conductor & Devices MSP	356.0	1.91%
Overhead Conductor & Devices 138KV	356.0	1.91%
Overhead Conductor & Devices 69KV	356.0	1.91%
Overhead Conductor & Devices CLR (356.0	1.91%
Underground Conduit	357.0	2.26%
Underground Conductors	358.0	3.27%

Reference:

Note 1: These are the weighted average of the depreciation rates in effect for Columbus Southern Power and Ohio Power prior to the merger of Columbus Southern into Ohio Power.

General Note:

AEP will make a 205 filing whenever a company's rates are changed by their commission(s), or if the methodology to calculate the jurisdictional allocator in multiple-state companies changes. Changes in the allocation factors will not necessitate a 205 filing.

**AEP EAST COMPANIES
PJM FORMULA RATE
WORKSHEET P - TRANSMISSION DEPRECIATION RATES
EFFECTIVE AS OF 3/1/2019
FOR SINGLE JURISDICTION COMPANIES
WHEELING POWER COMPANY**

	PLANT ACCT.	RATES Note 1
<i>TRANSMISSION PLANT</i>		
Structures & Improvements	352.0	1.15%
Station Equipment	353.0	2.22%
Towers & Fixtures	354.0	2.65%
Poles & Fixtures	355.0	2.41%
Overhead Conductors	356.0	1.32%
Underground Conduit	351.0	9.94%
Underground Conductors	351.0	13.98%
Trails & Roads	359.0	-
<i>GENERAL PLANT</i>		
Structures & Improvements	390.0	1.08%
Office Furniture & Equipment	391.0	2.13%
Stores Equipment	393.0	1.78%
Tools Shop & Garage Equipment	394.0	1.65%
Communication Equipment	397.0	5.09%
Miscellaneous Equipment	398.0	2.76%

Note 1: Rates Approved in WV Public Service Commission Case No. 14-1151-E-D.

General Note:

AEP will make a 205 filing whenever a company's rates are changed by their commission(s), or if the methodology to calculate the jurisdictional allocator in multiple-state companies changes. Changes in the allocation factors will not necessitate a 205 filing.

AEP East Companies
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet Q - True-up With Interest
KINGSPORT POWER COMPANY

Reconciliation Revenue Requirement For Year 2020 Available May 25, 2021		2020 Revenue Requirement Forecast		True-up Adjustment - Over (Under) Recovery
\$5,110,555	-	\$5,944,705	=	\$834,149

Interest Rate on Amount of Refunds or Surcharges from 35.19a	Over (Under) Recovery Plus Interest	Average Monthly Interest Rate	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed
		0.3145%				

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

Calculation of Interest

						Monthly	
January	Year 2020	69,512	0.3145%	12	(2,623)		(72,136)
February	Year 2020	69,512	0.3145%	11	(2,405)		(71,917)
March	Year 2020	69,512	0.3145%	10	(2,186)		(71,699)
April	Year 2020	69,512	0.3145%	9	(1,968)		(71,480)
May	Year 2020	69,512	0.3145%	8	(1,749)		(71,261)
June	Year 2020	69,512	0.3145%	7	(1,530)		(71,043)
July	Year 2020	69,512	0.3145%	6	(1,312)		(70,824)
August	Year 2020	69,512	0.3145%	5	(1,093)		(70,606)
September	Year 2020	69,512	0.3145%	4	(874)		(70,387)
October	Year 2020	69,512	0.3145%	3	(656)		(70,168)
November	Year 2020	69,512	0.3145%	2	(437)		(69,950)
December	Year 2020	69,512	0.3145%	1	(219)		(69,731)
					(17,052)		(851,201)

						Annual	
January through December	Year 2021	(851,201)	0.3145%	12	(32,124)		(883,326)

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

						Monthly	
January	Year 2022	883,326	0.3145%		(2,778)	75,124	(810,980)
February	Year 2022	810,980	0.3145%		(2,551)	75,124	(738,406)
March	Year 2022	738,406	0.3145%		(2,322)	75,124	(665,605)
April	Year 2022	665,605	0.3145%		(2,093)	75,124	(592,574)
May	Year 2022	592,574	0.3145%		(1,864)	75,124	(519,314)
June	Year 2022	519,314	0.3145%		(1,633)	75,124	(445,823)
July	Year 2022	445,823	0.3145%		(1,402)	75,124	(372,101)
August	Year 2022	372,101	0.3145%		(1,170)	75,124	(298,148)
September	Year 2022	298,148	0.3145%		(938)	75,124	(223,962)
October	Year 2022	223,962	0.3145%		(704)	75,124	(149,542)
November	Year 2022	149,542	0.3145%		(470)	75,124	(74,888)
December	Year 2022	74,888	0.3145%		(236)	75,124	0
					(18,161)		

True-Up Adjustment with Interest	(901,487)
Less Over (Under) Recovery	834,149
Total Interest	(67,338)

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 true-up through August 31 of the following year.

AEP East Companies
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet Q - True-up With Interest
KINGSPORT POWER COMPANY

Reconciliation Revenue Requirement For Year 2020 Available May 25, 2021	-	2020 Revenue Requirement Forecast	=	True-up Adjustment - Over (Under) Recovery
\$12,899		\$53,596		\$40,697

Interest Rate on Amount of Refunds or Surcharges from 35.19a	Over (Under) Recovery Plus Interest	Average Monthly Interest Rate	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed
		0.3145%				

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

<u>Calculation of Interest</u>				<u>Monthly</u>		
January	Year 2020	3,391	0.3145%	12	(128)	(3,519)
February	Year 2020	3,391	0.3145%	11	(117)	(3,509)
March	Year 2020	3,391	0.3145%	10	(107)	(3,498)
April	Year 2020	3,391	0.3145%	9	(96)	(3,487)
May	Year 2020	3,391	0.3145%	8	(85)	(3,477)
June	Year 2020	3,391	0.3145%	7	(75)	(3,466)
July	Year 2020	3,391	0.3145%	6	(64)	(3,455)
August	Year 2020	3,391	0.3145%	5	(53)	(3,445)
September	Year 2020	3,391	0.3145%	4	(43)	(3,434)
October	Year 2020	3,391	0.3145%	3	(32)	(3,423)
November	Year 2020	3,391	0.3145%	2	(21)	(3,413)
December	Year 2020	3,391	0.3145%	1	(11)	(3,402)
					(832)	(41,529)

<u>Annual</u>						
January through December	Year 2021	(41,529)	0.3145%	12	(1,567)	(43,096)

<u>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</u>				<u>Monthly</u>		
January	Year 2022	43,096	0.3145%		(136)	(39,566)
February	Year 2022	39,566	0.3145%		(124)	(36,026)
March	Year 2022	36,026	0.3145%		(113)	(32,474)
April	Year 2022	32,474	0.3145%		(102)	(28,911)
May	Year 2022	28,911	0.3145%		(91)	(25,337)
June	Year 2022	25,337	0.3145%		(80)	(21,751)
July	Year 2022	21,751	0.3145%		(68)	(18,154)
August	Year 2022	18,154	0.3145%		(57)	(14,546)
September	Year 2022	14,546	0.3145%		(46)	(10,927)
October	Year 2022	10,927	0.3145%		(34)	(7,296)
November	Year 2022	7,296	0.3145%		(23)	(3,654)
December	Year 2022	3,654	0.3145%		(11)	(0)
					(886)	

True-Up Adjustment with Interest	(43,982)
Less Over (Under) Recovery	40,697
Total Interest	(3,285)

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 true-up through August 31 of the following year.