

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

For Twelve Months Ended

2024

Line No.			Total	DA	Allocator	Transmission Amount
1	REVENUE REQUIREMENT (w/o incentives)	(In 113)				\$885,888,081
2	REVENUE CREDITS	(Worksheet E, In 8) (Note A)	9,321,977		1.00000	\$ 9,321,977
3	Facility Credits under PJM OATT Section 30.9	Worksheet E, In 9) (Note X)				<u>7,421,845</u>
4	REVENUE REQUIREMENT For All Company Facilities	(In 1 less In 2 plus In 3)				<u>\$ 883,987,949</u>
<b>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.</b>						
5	Revenue Requirement for PJM Schedule 12 Facilities (w/o incentives)	(Worksheet J/K)	42,010,567	DA	1.00000	\$ 42,010,567
6	NET PLANT CARRYING CHARGE w/o intra-AEP charges or credits or ROE incentives (Note B)					
7	Annual Rate	( (In 1 - In 80)/(In 33 ) x 100 )				18.30%
8	Monthly Rate	(In 7 / 12)				1.52%
9	NET PLANT CARRYING CHARGE ON LINE 7, w/o depreciation or ROE incentives (Note B)					
10	Annual Rate	( (In 1 - In 80 - In 83)/(In 33 ) x 100 )				14.97%
11	NET PLANT CARRYING CHARGE ON LINE 10, w/o Return, income taxes or ROE incentives (Note B)					
12	Annual Rate	( (In 1 - In 80 - In 83 - In 108 - In 109) / (In 33 ) x 100 )				6.60%
13	ADDITIONAL REVENUE REQUIREMENT for projects w/ incentive ROE's (Note B) (Worksheet J/K)					-
14	<b>REVENUE REQUIREMENT FOR SCHEDULE 1A CHARGES</b>					
15	Total Load Dispatch & Scheduling (Account 561)	Line 63 Below				1,252,862
16	Less: Load Dispatch - Scheduling, System Control and Dispatch Services (321.88.b)					(0)
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>1,252,862</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	Transmission	(Worksheet A In 14.(d) & Ln 117)	5,663,972.578	DA	5,663,972.578
21	Less: Transmission ARO (Enter Negative)	(Worksheet A In 14.(e))	-	TP	-
22	General Plant	(Worksheet A In 14.(h))	256,134.435	W/S	256,134.435
23	Less: General Plant ARO (Enter Negative)	(Worksheet A In 14.(i))	-	W/S	-
24	Intangible Plant	(Worksheet A In 14.(j))	54,902.571	W/S	54,902.571
	TOTAL GROSS PLANT	(Sum of Lines: 19 to 23)	5,975,009.584	GP=	5,975,009.584
				GTD=	1.00000
25	ACCUMULATED DEPRECIATION AND AMORTIZATION				
26	Transmission	(Worksheet A In 28.(d) & Ln 43.(b))	822,560.564	DA	822,560.564
27	Less: Transmission ARO (Enter Negative)	(Worksheet A In 28.(e))	-	TP	-
28	General Plant	(Worksheet A In 28.(h))	26,830.622	W/S	26,830.622
29	Less: General Plant ARO (Enter Negative)	(Worksheet A In 28.(i))	-	W/S	-
30	Intangible Plant	(Worksheet A In 28.(j))	27,542.632	W/S	27,542.631.50
31	TOTAL ACCUMULATED DEPRECIATION	(Sum of Lines: 26 to 30)	876,933.817		876,933.817
32	NET PLANT IN SERVICE				
33	Transmission	(In 19 + In 20 - In 26 - In 27)	4,841,412.015		4,841,412.015
34	General Plant	(In 21 + In 22 - In 28 - In 29)	229,303.813		229,303.813
35	Intangible Plant	(In 23 - In 30)	27,359.940		27,359.940
36	TOTAL NET PLANT IN SERVICE	(Sum of Lines: 33 to 35)	5,098,075.767	NP=	5,098,075.767
37	DEFERRED TAX ADJUSTMENTS TO RATE BASE	(Note D)			
38	Account No. 281.1 (enter negative)	(Worksheet B, In 2 & In 5.E)	-	NA	-
39	Account No. 282.1 (enter negative)	(Worksheet B, In 7 & In 10.E)	(373,693.391)	DA	(485,161.541)
40	Account No. 283.1 (enter negative)	(Worksheet B, In 12 & In 15.E)	(19,214.024)	DA	(4,024.478)
41	Account No. 190.1	(Worksheet B, In 17 & In 20.E)	57,354.777	DA	11,913.115
42	Account No. 255 (enter negative)	(Worksheet B, In 24 & In 25.E)	-	DA	-
43	TOTAL ADJUSTMENTS	(sum Ins 38 to 42)	(335,552.638)		(477,272.904)
44	PLANT HELD FOR FUTURE USE	(Worksheet A In 44.(e)) In 45.(e))	-	DA	-
45	REGULATORY ASSETS	(Worksheet A In 51.(e))	-	DA	-
46	UNFUNDED RESERVES (ENTER NEGATIVE) (NOTE Y)	(Worksheet A In 54.(e))	-	W/S	-
47	WORKING CAPITAL	(Note E)			
48	Cash Working Capital	(1/8 * In 66)	5,335,956		5,335,956
49	Transmission Materials & Supplies	(Worksheet C, In 2.(F))	61,414	TP	61,414
50	A&G Materials & Supplies	(Worksheet C, In 3.(F))	-	W/S	-
51	Stores Expense	(Worksheet C, In 4.(F))	-	GP	-
52	Prepayments (Account 165) - Labor Allocated	(Worksheet C, In 8.(G))	-	W/S	-
53	Prepayments (Account 165) - Gross Plant	(Worksheet C, In 8.(F))	-	GP	-
54	Prepayments (Account 165) - Transmission Only	(Worksheet C, In 8.(E))	1,593,960	DA	1,593,960
55	Prepayments (Account 165) - Unallocable	(Worksheet C, In 8.(D))	-	NA	-
56	TOTAL WORKING CAPITAL	(sum Ins 48 to 55)	6,991,330		6,991,330
57	IPP CONTRIBUTIONS FOR CONSTRUCTION	(Note F) (Worksheet D, In 8.B)	-	DA	-
58	RATE BASE (sum Ins 36, 43, 44, 45, 46, 56, 57)		4,769,514.460		4,627,794.194

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	(1)	(2)	(3)	(4)	(5)
	EXPENSE, TAXES, RETURN & REVENUE REQUIREMENTS CALCULATION		TO Total	Allocator	Total Transmission
Line		Data Sources (See "General Notes")			
No.	OPERATION & MAINTENANCE EXPENSE				
59	Customer Related Expense	322 & 323.164,171.178.b	15,173		
60	Regional Marketing Expenses	322.131.b	-		
61	Transmission	321.112.b	43,940,513		
62	TOTAL O&M EXPENSES	(sum Ins 59 to 61)	43,955,686		
63	Less: Total Account 561	(Note G) (Worksheet F, In 14.C)	1,252,862		
64	Less: Account 565	(Note H) 321.96.b	-		
65	Less: Regulatory Deferrals & Amortizations	(Note I) (Worksheet F, In 4.C)	-		
66	Total O&M Allocable to Transmission	(Ins 61 - 63 - 64 - 65)	42,687,651	TP 1.00000	42,687,651
67	Administrative and General	323.197.b (Notes J & M)	20,341,560		
68	Less: Acct. 924, Property Insurance	323.185.b	946,305		
69	Acct. 928, Rea. Com. Exp.	323.189.b	1,652,860		
70	Acct. 930.1, Gen. Advert. Exp.	323.191.b	131		
71	Acct. 930.2, Misc. Gen. Exp.	323.192.b	259,142		
72	Balance of A & G	(In 67 - sum In 68 to In 71)	17,483,121	W/S 1.00000	17,483,121
73	Plus: Acct. 924, Property Insurance	(In 68)	946,305	GP(H) 1.00000	946,305
74	Acct. 928 - Transmission Specific	Worksheet F In 21.(E) (Note L)	71,899	TP 1.00000	71,899
75	Acct 930.1 - Only safety related ads -Direct	Worksheet F In 38.(E) (Note L)	-	TP 1.00000	-
76	Acct 930.2 - Misc Gen. Exp. - Trans	Worksheet F In 44.(E) (Note L)	1,810	DA 1.00000	1,810
77	PBCP Adjustment	Worksheet O Ln 16.(B). (Note K & M)	1,790,000	W/S 1.00000	1,790,000
78	A & G Subtotal	(sum Ins 72 to 77)	20,293,135		20,293,135
79	O & M EXPENSE SUBTOTAL	(In 66 + In 78)	62,980,786		62,980,786
80	Plus: Transmission Lease Payments To Affiliates in Acct 565 (Company Records) (Note H)		-	DA 0.00000	-
81	TOTAL O & M EXPENSE	(In 79 + In 80)	62,980,786		62,980,786
82	DEPRECIATION AND AMORTIZATION EXPENSE				
83	Transmission	336.7.f	161,354,226	TP 1.00000	161,354,226
84	General	336.10.f	6,974,691	W/S 1.00000	6,974,691
85	Intangible	336.1.f	10,069,270	W/S 1.00000	10,069,270
86	TOTAL DEPRECIATION AND AMORTIZATION	(Ln 83+84+85)	178,398,186		178,398,186
87	TAXES OTHER THAN INCOME (Note N)				
88	Labor Related				
89	Payroll	Worksheet H In 23.(D)	-	W/S 1.00000	-
90	Plant Related				
91	Property	Worksheet H-p2 In 3.(C) & In 3.(G)	239,538,000	DA 1.00000	239,538,000
92	Gross Receipts/Sales & Use	Worksheet H In 23.(F)	3,600	NA 0.00000	-
93	Other	Worksheet H In 23.(E)	-	GP 1.00000	-
94	TOTAL OTHER TAXES	(sum Ins 89 to 93)	239,541,600		239,538,000
95	INCOME TAXES (Note O)				
96	T=1 - [(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p) =		21.20%		
97	EIT=(T*(1-T)) * (1-(WCLTD/WACC)) =		20.03%		
98	where WCLTD=(In 136) and WACC = (In 139)				
99	and FIT, SIT & p are as given in Note O.				
100	GRCF=1 / (1 - T) = (from In 96)		1,2690		
101	Amortized Investment Tax Credit (enter negative)	(FF1 p.114, In 19.c)	-		
102	Excess Deferred Income Tax	(Note T)	402,549	NP(h) 1.00000	402,549
103	Tax Effect of Permanent and Flow-Through Differences	(Note T)	907,494	NP(h) 1.00000	907,494
104	Income Tax Calculation	(In 97 * In 109)	69,351,898		67,291,191
105	ITC adjustment	(In 100 * In 101)	-	NP(h) 1.00000	-
106	Excess Deferred Income Tax	(In 100 * In 102)	510,833		510,833
107	Tax Effect of Permanent and Flow-Through Differences	(In 100 * In 103)	1,151,605		1,151,605
108	TOTAL INCOME TAXES	(sum Ins 104 to 107)	71,014,336		68,953,630
109	RETURN ON RATE BASE (Rate Base*WACC)	(In 58 * In 139)	346,307,584		336,017,480
110	INTEREST ON IPP CONTRIBUTION FOR CONST. (Note F) (Worksheet D, In 2.(B))		-	DA 1.00000	-
111	(Gains) / Losses on Sales of Plant Held for Future Use (Worksheet N, In 4, Cols. (F) & (H))		-		-
112	Tax Impact on Net Loss / (Gain) on Sales of Plant Held for Future Use (In 111 * In97)		-		-
113	TOTAL REVENUE REQUIREMENT	(sum Ins 81, 86, 94, 108, 109, 110, 111, 112)	898,242,292		885,888,081

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SUPPORTING CALCULATIONS

In	TRANSMISSION PLANT INCLUDED IN PJM TARIFF							
114	Total transmission plant	(In 19)						5,663,972,578
115	Less transmission plant excluded from PJM Tariff	(Worksheet A, In 42.(d)) (Note P)						-
116	Less transmission plant included in OATT Ancillary Services	(Worksheet A, In 42, Col. (b)) (Note Q)						-
117	Transmission plant included in PJM Tariff	(In 114 - In 115 - In 116)						5,663,972,578
118	Percent of transmission plant in PJM Tariff	(In 117 / In 114)					<b>TP=</b>	<b>1.00000</b>
119	WAGES & SALARY ALLOCATOR (W/S)	(Note R)						
120	<i>Line Deliberately Left Blank</i>		Direct Payroll	Payroll Billed from AEP Service Corp.	Total			
121	Transmission	354.21.b	0	15,213,374	15,213,374	TP	1.00000	15,213,374
122	Regional Market Expenses	354.22.b	0	0	-	NA	0.00000	-
123	<i>Line Deliberately Left Blank</i>							
124	Other (Excludes A&G)	354.24,25,26.b	0	0	-	NA	0.00000	-
125	Total	(sum Ins 121, 122, & 124)	-	15,213,374	15,213,374			15,213,374
126	Transmission related amount						<b>WS=</b>	<b>1.00000</b>
127	<b>Actual (Uncapped) Capital Structure</b>							<b>\$</b>
127	WEIGHTED AVERAGE COST OF CAPITAL (WACC)							<b>93,434,217</b>
128	Long Term Interest	(Worksheet M, In.36, col.(d))						-
129	Preferred Dividends	(Worksheet M, In. 45, col.(d))						-
130	Development of Common Stock:							
131	Proprietary Capital	(Worksheet M, In. 14, col.(b))						2,763,710,944
132	Less: Preferred Stock	(Worksheet M, In. 14, col.(c))						-
133	Less: Account 216.1	(Worksheet M, In. 14, col.(d))						-
134	Less: Account 219	(Worksheet M, In. 14, col.(e))						-
135	Common Stock	(In 131 - In 132 - In 133 - In 134)						2,763,710,944
136	Long Term Debt (Note S) Worksheet M, In 28, col. (g), In 37, col. (d)		2,272,330,769	45.12%	45.12%	4.11%		0.0186
137	Preferred Stock (In 132)		-	0.00%	0.00%	0.00%		0.0000
138	Common Stock (In 135)		2,763,710,944	54.88%	54.88%	9.85%		0.0541
139	Total (Sum Ins 136 to 138)		5,036,041,713	100.00%	100.00%		<b>WACC=</b>	<b>0.0726</b>
140	Capital Structure Equity Limit (Note Z)							55.00%

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Letter	Notes
	General Notes: a) References to data from Worksheets are indicated as: Worksheet X, Line#, Column X
A	Revenue credits include: 1) Forfeited Discounts. 2) Miscellaneous Service Revenues. 3) Rental revenues earned on assets included in the rate base. 4) Revenues for associated business projects provided by employees whose labor and overhead costs are in the transmission cost of service. 5) Other electric revenues. 6) Revenues for grandfathered PTP contracts included in the load divisor. 7) If AEP Transmission Companies have any directly assigned transmission facilities, the revenue credits in the formula rate shall include all revenues associated with those directly assigned transmission facilities, irrespective of whether the loads of the customer are included in the formula rate divisor; provided however, such addition to revenue credits shall not be reflected if the costs of such directly assigned transmission facilities are not included in the transmission plant balances on which the formula rate ATRR is based. See Worksheet E for details.
B	The annual and monthly net plant carrying charges on page 1 are used to compute the revenue requirement for RTEP sponsored upgrades or those projects receiving approved incentive-ROE's. Interest will be calculated based on Worksheet R and any over under recovery will be filed and posted as part of the informational filing.
C	Transmission Plant Balances in this study are projected or actual average 13 month balances.
D	The total-company balances shown for Accounts 281, 282, 283, 190 only reflect ADIT that relates to utility operations. The balance of Account 255 is reduced by prior flow throughs and is completely excluded if the utility chose to utilize amortization of tax credits against FIT expense. An exception to this is pre-1971 ITC balances, which are required to be taken as an offset to rate base. Account 281 is not allocated. In compliance with FERC Rulemaking RM02-7-000, Asset Retirement Obligation deferrals have been removed from ratebase. Transmission ADIT allocations are shown on WS B. In compliance with FERC Rulemaking the calculation of ADIT in the annual projection will be performed in accordance with IRS regulation Section 1.167(l)-(h)(6)(i). 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 Ancillary 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 Ohio 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, 266.8f) (In 101) multiplied by (1/(1-T)). If the applicable tax rates are zero enter 0.  Inputs Required: FIT = 21.00% SIT = 0.25% (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 (Ln 128)/average long term debt (Ln 136). Preferred Stock cost rate = preferred dividends (Ln 129)/preferred outstanding (In 137). Common Stock cost rate (ROE) = 11.49%, the rate accepted by FERC in Docket No. ER10-355. 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 balances 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 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.
	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.
T	
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.  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. X 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% 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 Ohio Transmission Company

		Gross Plant In Service				
Line No	Month (a)	Transmission (d)	Transmission ARO (e)	General (h)	General ARO (i)	Intangible (j)
	(Note A)	FF1, page 207 Col.(g) & pg. 206 Col. (b), In 58	FF1, page 207 Col.(g) & pg. 206 Col. (b), In 57	FF1, page 207 Col.(g) & pg. 206 Col. (b), In 99	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	5,492,474,320		240,116,939		54,552,941
2	January	5,496,605,975		241,296,498		53,733,744
3	February	5,501,045,116		242,552,111		53,868,334
4	March	5,514,076,189		243,774,387		54,238,769
5	April	5,538,841,615		244,663,771		54,985,080
6	May	5,589,315,949		245,575,278		55,726,648
7	June	5,640,559,254		246,523,255		55,208,867
8	July	5,667,290,999		247,472,203		55,956,900
9	August	5,704,012,864		267,352,600		56,705,986
10	September	5,758,424,467		275,375,865		56,010,134
11	October	5,837,450,767		275,542,899		56,746,042
12	November	5,914,012,275		279,148,767		57,480,895
13	December of Rate Year	5,977,533,729		280,353,076		48,519,083
14	Average of the 13 Monthly Balances	5,663,972,578	-	256,134,435	-	54,902,571

		Accumulated Depreciation				
Line No	Month (a)	Transmission (d)	Transmission ARO (e)	General (h)	General ARO (i)	Intangible (j)
	(Note A)	FF1, page 219, In 25, Col. (b)	Company Records (Included in total in Column (d))	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	742,805,980	-	23,442,818	-	24,729,246
16	January	755,938,853	-	23,990,997	-	25,553,659
17	February	769,080,435	-	24,542,062	-	26,364,419
18	March	782,231,377	-	25,096,171	-	26,793,615
19	April	795,409,795	-	25,653,225	-	27,612,791
20	May	808,640,427	-	26,212,428	-	28,444,406
21	June	821,977,475	-	26,773,833	-	28,024,689
22	July	835,386,738	-	27,336,145	-	28,860,034
23	August	848,902,871	-	27,900,714	-	29,707,846
24	September	862,497,037	-	28,512,863	-	29,128,363
25	October	876,206,829	-	29,144,240	-	29,977,062
26	November	890,084,549	-	29,776,053	-	30,838,026
27	December of Rate Year	904,124,963	-	30,416,531	-	22,020,054
28	Average of the 13 Monthly Balances	822,560,564	-	26,830,622	-	27,542,632

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

Line No	Month (a)	OATT Ancillary Services (GSU) Plant In Service (b)	OATT Ancillary Services (GSU) Accumulated Depreciation (c)	Excluded Plant - Plant In Service (d)	Excluded Plant - Accumulated Depreciation (e)
		Company Records (included in total in column (d) of gross plant above)	Company Records (included in total in column (d) of accumulated depreciation above)	Company Records	Company Records
	<b>(Note A)</b>				
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 822,560,564

	<u>Plant Held For Future Use</u>	<u>Source of Data</u>	<u>Balance @ December 31, 2024</u>	<u>Balance @ December 31, 2023</u>	<u>Average Balance for 2024</u>
			(c)	(d)	(e)
44	<u>Plant Held For Future Use</u>	FF1, page 214, ln 47, Col. (d)	-	-	-
45	<u>Transmission Plant Held For Future Use (Included in total on line 4</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)**

52 Description Account

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

Line Number	(A) Description	(B) Source	(C)		(D)	(E)
			Balance @ 31, 2024	December	Balance @ 31, 2023	December
1	<b>Account 281</b>					
2	Year End Utility Deferrals	FF1, p. 272 - 273, In 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 - In 3 - In 4	-	-	-	-
6	<b>Account 282</b>					
7	Year End Utility Deferrals	FF1, p. 274 - 275, In 5, Col. (k)	389,097,988	358,288,794	373,693,391	
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)	(103,141,530)	(119,794,770)	(111,468,150)	
10	Transmission Related Deferrals	Ln 7 - In 8 - In 9	492,239,519	478,083,564	485,161,541	
11	<b>Account 283</b>					
12	Year End Utility Deferrals	FF1, p. 276 - 277, In 9, Col. (k)	19,185,669	19,242,378	19,214,024	
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)	15,189,546	15,189,546	15,189,546	
15	Transmission Related Deferrals	Ln 12 - In 13 - In 14	3,996,123	4,052,832	4,024,478	
16	<b>Account 190</b>					
17	Year End Utility Deferrals	FF1, p. 234, In 8, Col. (c)	43,785,938	70,923,617	57,354,777	
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)	45,441,662	45,441,662	45,441,662	
20	Transmission Related Deferrals	Ln 17 - In 18 - In 19	(1,655,725)	25,481,955	11,913,115	
21	<b>Account 255</b>					
22	Year End ITC Balances	FF1, p. 266-267, In 8, Col. (h)	-	-	-	-
23	Less: Balances Not Qualified for Ratebase	Company Records - Note 1	-	-	-	-
24	ITC Balances Includeable in Ratebase	Ln 22 - In 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)-1(h)(6)(ii). Line item detail of actual deferred tax items will be included on Worksheet B.

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





AEP OHIO TRANSMISSION COMPANY, INC.  
Worksheet B-3  
Excess/ Deficient ADIT Worksheet  
For Year Ended December 31, 2023  
Debit/(Credit)

A B C D E

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

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

NOTE B: The amount of the FIT gross up to recorded on regulatory assets and liabilities will be reported on the first line.

NOTE C: 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 D: In the event of future tax rate changes, additional lines will be inserted as required to reflect any new ADIT or

NOTE E: The amount of excess amortization entries shown in lines 1a through 1h are shown as a debit or credit to the charged to the 410/411 account.

F	G	H	I	J
			1/1/2022 Beginning Balances	
Excess Balance at Remeasurement	Amortization Methodology (NOTE C)	Amortization Period	Excess ADIT Regulatory Offset	Excess ADIT in Utility Deferrals
(171,531,496)	ARAM 10 Years	Life of Asset 1/2018 - 12/2027		
-				
2,463,331	10 Years	1/2018 - 12/2027		
			0	-

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" in the excess ADIT amounts recorded in accounts with the "4" designation will be contra to the "1" balance, amount level the tax asset or liability will be recorded at the current Federal FIT rate. The amounts recorded are.

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

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

regulatory deferral accounts that may be necessary to track that tax rate change.

ADIT account from which it is being amortized. The total in line 3 is the offset as

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 NOTE C	410/411 Deferred Tax Expense/ (Benefit)	Excess ADIT Regulatory Offset
					Sum of Co

					-
					-
					-
					-
					-
					-
					-
					-

					-
					-
					-

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

NOTE E

Q

R

Ending Balance

**Excess ADIT in Utility  
Deferrals**

**Reference**

Cols (I) - (O)

	WS B - 2 Col B/C, ADIT Item 2.12
-	WS B - 1 Col N, ADIT Item 5.16
-	WS B - 1 Col N, ADIT Item 5.17
	WS B - 1 Col B/C, ADIT Item 5.20
-	WS B - 1 Col N, ADIT Item 9.06
	WS B - 1 Col B/C, ADIT Item 9.09

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

-

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

**TAX CUT and JOBS ACT of 2017**

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

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

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

NOTE 2: Remeasurement calculation may not equal 40% of the December 31, 2017 deferral balance because of timing differences.

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

NOTE 4: Ties to Transmission Company's Workpaper B-3, Column F, showing the initial remeasurement value.

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

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

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

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

ere reclassified to account 2831001 to

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

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
<b>Materials &amp; Supplies</b>								
Line Number	Source	Balance @ December 31, 2024	Balance @ December 31, 2023	Average Balance for 2024				
1								
2	Transmission Materials & Supplies	FF1, p. 227, In 8, Col. (c) & (b)	61,414	61,414	61,414			
3	General Materials & Supplies	FF1, p. 227, In 11, Col. (c) & (b)			-			
4	Stores Expense (Undistributed) - Account 163	FF1, p. 227, In 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	1,593,960	0	0	1,593,960	0	1,593,960
7	Totals as of December 31, 2023	1,593,960	0	0	1,593,960	0	1,593,960
8	<b>Average Balance</b>	<b>1,593,960</b>	<b>-</b>	<b>-</b>	<b>1,593,960</b>	<b>-</b>	<b>1,593,960</b>

**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	829,695	-	-	829,695	-	829,695	Plant Related Insurance Policies
11	165000219	Prepaid Taxes	0	-	-	-	-	-	
12	165000220	Prepaid Taxes	0	-	-	-	-	-	
13	165000221	Prepaid Taxes	0	-	-	-	-	-	
14	1650006	Other Prepayments	0	-	-	-	-	-	
15	165001219	Prepaid Use Taxes	0	-	-	-	-	-	
16	165001220	Prepaid Use Taxes	0	-	-	-	-	-	
17	165001222	Prepaid Use Taxes	66,436	-	-	66,436	-	66,436	Prepaid Use Taxes
18	1650021	Prepaid Insurance - EIS	626,313	-	-	626,313	-	626,313	Plant Related Insurance Policies
19	1650023	Prepaid Lease	71,515	-	-	71,515	-	71,515	Prepaid Lease
20									
21									
22									
23									
24									
25									
		<b>Subtotal - Form 1, p 111.57.c</b>	<b>1,593,960</b>	<b>0</b>	<b>0</b>	<b>1,593,960</b>	<b>0</b>	<b>1,593,960</b>	

**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	829,695	-	-	829,695	-	829,695	Plant Related Insurance Policies
28	165000219	Prepaid Taxes	0	-	-	-	-	-	
29	165000220	Prepaid Taxes	0	-	-	-	-	-	
30	165000221	Prepaid Taxes	0	-	-	-	-	-	
31	1650006	Other Prepayments	0	-	-	-	-	-	
32	165001219	Prepaid Use Taxes	0	-	-	-	-	-	
33	165001220	Prepaid Use Taxes	0	-	-	-	-	-	
34	165001222	Prepaid Use Taxes	66,436	-	-	66,436	-	66,436	Prepaid Use Taxes
35	1650021	Prepaid Insurance - EIS	626,313	-	-	626,313	-	626,313	Plant Related Insurance Policies
36	1650023	Prepaid Lease	71,515	-	-	71,515	-	71,515	Prepaid Lease
37									
38									
39									
40									
		<b>Subtotal - Form 1, p 111.57.d</b>	<b>1,593,960</b>	<b>0</b>	<b>0</b>	<b>1,593,960</b>	<b>0</b>	<b>1,593,960</b>	

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 Ohio Transmission Company

<u>Line Number</u>	<u>(A) Description</u>	<u>(B) 2024</u>
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	<u>Other Adjustments</u>	
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 $((\text{In } 1 + \text{In } 7)/2)$	-

Note 1 On this worksheet Company Records refers to AEP Ohio 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 Ohio Transmission 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)	-	-	-
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)	9,321,977	-	9,321,977
4	Account 4560015, Associated Business Development - (Company Records - Notes 1, 2)	-	-	-
5	Account 456 - Other Electric Revenues - (Company Records - Notes 1,2)	871,563,111	871,563,111	-
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))	880,885,088	871,563,111	9,321,977
7	Accounts 4470004 & 5, Revenues from Grandfathered Transmission Contracts - (Company Records - Note 1)		-	
8	Total Other Operating Revenues To Reduce Revenue Requirement	880,885,088	871,563,111	9,321,977
9	Facility Credits under PJM OATT Section 30.9			7,421,845

Note 1 The total company data on this worksheet comes from the indicated FF1 source, or AEP Ohio 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 Ohio Transmission Company

(A)	(B)	(C)	(D)	(E)	(F)	
<u>Line</u> <u>Number</u>	<u>Item No.</u>	<u>Description</u>	<u>2024</u> <u>Expense</u>	<u>100%</u> <u>Non-Transmission</u>	<u>100%</u> <u>Transmission</u> <u>Specific</u>	<u>Explanation</u>
<b><u>Regulatory O&amp;M Deferrals &amp; Amortizations</u></b>						
1						
2						
3						
4		<b>Total</b>	-			
<b><u>Detail of Account 561 Per FER Form 1</u></b>						
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	693,356			
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	(0)			
10	FF1 p 321.89.b	561.5 - Reliability, Planning and Standards Development	559,505			
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		<b>Total of Account 561</b>	1,252,862			
<b><u>Account 928</u></b>						
15	9280000	Regulatory Commission Exp	9	9	-	
16	9280001	Regulatory Commission Exp-Adm	7	7	-	
17	9280002	Regulatory Commission Exp-Case	98,443	98,443	-	
18	9280005	Reg Com Exp-FERC Trans Cases	71,899	-	71,899	
19	9280006	State Publ Serv CommissionFees	1,482,502	1,482,502	-	
20						
21		<b>Total (FERC Form 1 p.323.189.b)</b>	1,652,860	1,580,962	71,899	
<b><u>Account 930.1</u></b>						
22	9301000	General Advertising Expenses	-	-	-	
23	9301001	Newspaper Advertising Space	19	19	-	
24	9301010	Publicity	56	56	-	
25	9301012	Public Opinion Surveys	0	0	-	
26	9301014	Video Communications	24	24	-	
27	9301015	Other Corporate Comm Exp	32	32	-	
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38		<b>Total (FERC Form 1 p.323.191.b)</b>	131	131	-	
<b><u>Account 930.2</u></b>						
39	9302000	Misc General Expenses	173,876	173,876	-	
40	9302003	Corporate & Fiscal Expenses	83,456	83,456	-	
41	9302004	Research, Develop&Demonstr Exp	-	-	-	
42	9302006	Assoc Bus Dev - Materials Sold	-	-	-	
43	9302007	Assoc Business Development Exp	1,810	-	1,810	
44		<b>Total (FERC Form 1 p.323.192.b)</b>	259,142	257,333	1,810	

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 Ohio Transmission Company

1	Ohio State Tax Rate Apportionment Factor - Note 1 Effective State Tax Rate	2.00% 12.50% <hr/>	0.25%
2	_____ Tax Rate Apportionment Factor - Note 1 Effective State Tax Rate	  <hr/>	0.00%
3	_____ Tax Rate Apportionment Factor - Note 1 Effective State Tax Rate	  <hr/>	0.00%
4	_____ Tax Rate Apportionment Factor - Note 1 Effective State Tax Rate	  <hr/>	0.00%
5	_____ Tax Rate Apportionment Factor - Note 1 Effective State Tax Rate	  <hr/>	0.00%
	Total Effective State Income Tax Rate	  <hr/> <hr/>	0.25%

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 Ohio Transmission Company

Line No.	(A) Account	(B) Total Company	(C) Property	(D) Labor	(E) Other	(F) Non-Allocable
		NOTE 1				
1	<b>Revenue Taxes</b>					
2	Gross Receipts Tax	3,000				3,000
3	<b>Real Estate and Personal Property Taxes</b>					
4	Real and Personal Property - Ohio	239,538,000	239,538,000			
5	Real and Personal Property -	-	-			
6	Real and Personal Property -	-	-			
7	Real and Personal Property - Other Jurisdictions	-	-			
8	<b>Payroll Taxes</b>					
9	Federal Insurance Contribution (FICA )	-		-		
10	Federal Unemployment Tax	-		-		
11	State Unemployment Insurance	-		-		
12	<i>Line Deliberately Left Blank</i>					
13	State Severance Taxes	-				-
14	<b>Miscellaneous Taxes</b>					
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	600				600
21	Federal Excise Tax	-				-
22	Michigan Single Business Tax	-				-
23	<b>Total Taxes by Allocable Basis</b>	<u>239,541,600</u>	<u>239,538,000</u>	<u>-</u>	<u>-</u>	<u>3,600</u>
	(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	Account	Lines 24-58		Lines 24-58		Total
		Column (B) Deliberately Left Blank	Transmission	Column (D) Deliberately Left Blank	General	
24	Functionalized Net Plant (TCOS, Lns 33 thru 36)	-	4,841,412,015	-	229,303,813	5,070,715,828
	<b>OHIO JURISDICTION</b>					
25	Percentage of Plant in OHIO JURISDICTION		100%		100.00%	
26	Net Plant in OHIO JURISDICTION (Ln 24 * Ln 25)	-	4,841,412,015	-	229,303,813	5,070,715,828
27	Less: Net Value of Exempted Generation Plant	-	-	-	-	-
28	Taxable Property Basis (Ln 26 - Ln 27)	-	4,841,412,015	-	229,303,813	5,070,715,828
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 OHIO JURISDICTION Plant (Ln 30 + 32)	-	-	-	-	-
34	Functional Percentage (Ln 33/Total Ln 33)	0.00%	100.00%	0.00%	-	-
	<b>JURISDICTION</b>					
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%	-	-

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	<b>Revenue Taxes</b>			
2	Gross Receipts Tax	3,000	3,000	

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)
<b>Real Estate and Personal Property Taxes Total</b>							
<b>(Ln 4 + Ln 5 + Ln 6 + Ln 7)</b>							
3			239,538,000				239,538,000
4	Real and Personal Property - Ohio		239,538,000	239,538,000		100%	239,538,000
5	Real and Personal Property - Virginia		-	-			-
6	Real and Personal Property - Tennessee		-	-			-
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	<b>Payroll Taxes</b>			
9	Federal Insurance Contribution (FICA )	-	-	
10	Federal Unemployment Tax	-	-	
11	State Unemployment Insurance	-	-	
12	<i>Line Left Deliberately Blank</i>			
13	State Severance Taxes	-	-	
14	<b>Miscellaneous Taxes</b>			
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	600	600	
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))	239,541,600	239,541,600	

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 assessed. 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 Ohio Transmission Company**

Reserved for Future Use

AEPTCo subsidiaries in PJM  
 Cost of Service Formula Rate Using Actual/Projected FF1 Balances  
 Worksheet J Supporting Calculation of PROJECTED PJM RTEP Project Revenue Requirement Billed to Benefiting Zones  
 AEP Ohio 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, In 138)			9.85%
Project ROE Incentive Adder		0	
ROE with additional 0 basis point incentive			9.85%
Determine R (cost of long term debt, cost of preferred stock and equity percentage is from the TCOS, Ins 136 through 138)			
	%	Cost	Weighted cost
Long Term Debt	45.12%	4.11%	1.855%
Preferred Stock	0.00%	0.00%	0.000%
Common Stock	54.88%	9.85%	5.406%
		R =	7.261%

SUMMARY OF PROJECTED ANNUAL RTEP REVENUE REQUIREMENTS			
	Rev Require	W Incentives	Incentive Amounts
PROJECTED YEAR	2024	42,010,567	\$ -

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

Rate Base (TCOS, In 58)	4,627,794,194
R (from A. above)	7.261%
Return (Rate Base x R)	336,017,480

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

Return (from B. above)	336,017,480
Effective Tax Rate (TCOS, In 97)	20.03%
Income Tax Calculation (Return x CIT)	67,291,191
ITC Adjustment	-
Excess Deferred Income Tax	510,833
Tax Affect of Permanent Differences	1,151,605
Income Taxes	68,953,630

**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, In 1)	885,888,081
Lease Payments (TCOS, Ln 80)	-
Return (TCOS, In 109)	336,017,480
Income Taxes (TCOS, In 108)	68,953,630
Annual Revenue Requirement, Less Return and Taxes	480,916,972

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

Annual Revenue Requirement, Less Return and Taxes	480,916,972
Return (from I.B. above)	336,017,480
Income Taxes (from I.C. above)	68,953,630
Annual Revenue Requirement, with 0 Basis Point ROE increase	885,888,081
Depreciation & Amortization (TCOS, In 83)	161,354,226
Annual Rev. Req, w/0 Basis Point ROE increase, less Depreciation	724,533,855

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

Net Transmission Plant (Projected TCOS, In 33)	4,841,412,015
Annual Revenue Requirement, with 0 Basis Point ROE increase	885,888,081
FCR with 0 Basis Point increase in ROE	18.30%
Annual Rev. Req, w / 0 Basis Point ROE increase, less Dep.	724,533,855
FCR with 0 Basis Point ROE increase, less Depreciation	14.97%
FCR less Depreciation (TCOS, In 10)	14.97%
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, In 19	5,663,972,578
Annual Depreciation and Amortization Expense (TCOS, In 83)	161,354,226
Composite Depreciation Rate	2.85%
Depreciable Life for Composite Depreciation Rate	35.10
Average Life in Whole Years	35

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

AEP Ohio Transmission Company Worksheet J - ATRR PROJECTED 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)

Current Projected Year ARR	1,342,418
Current Projected Year ARR w/ Incentive	1,342,418
Current Projected Year Incentive ARR	-

Project Description: RTEP ID: b0570 (LIMA-STERLING 138 KV LINE: REB)

Details		Current Year	2024
Investment	10,402,068		-
Service Year (yyyy)	2012	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	14.97%
Useful life	35	FCR w/incentives approved for these facilities, less dep.	14.97%
CIAC (Yes or No)	No	Annual Depreciation Expense	297,202

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

Investment Year	Beginning Balance	Depreciation Expense	Ending 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 Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2012	10,402,068	-	10,402,068	1,556,705	1,556,705	\$ -	\$ 747,660	\$ 747,660
2013	10,402,068	297,202	10,104,866	1,831,668	1,831,668	\$ -	\$ 1,093,780	\$ 1,093,780
2014	10,104,866	297,202	9,807,664	1,787,191	1,787,191	\$ -	\$ 1,212,574	\$ 1,212,574
2015	9,807,664	297,202	9,510,462	1,742,714	1,742,714	\$ -	\$ 1,166,857	\$ 1,166,857
2016	9,510,462	297,202	9,213,260	1,698,237	1,698,237	\$ -	\$ 1,271,115	\$ 1,271,115
2017	9,213,260	297,202	8,916,058	1,653,759	1,653,759	\$ -	\$ 1,517,047	\$ 1,517,047
2018	8,916,058	297,202	8,618,857	1,609,282	1,609,282	\$ -	\$ 1,527,231	\$ 1,527,231
2019	8,618,857	297,202	8,321,655	1,564,805	1,564,805	\$ -	\$ 1,559,917	\$ 1,559,917
2020	8,321,655	297,202	8,024,453	1,520,327	1,520,327	\$ -	\$ 1,626,376	\$ 1,626,376
2021	8,024,453	297,202	7,727,251	1,475,850	1,475,850	\$ -	\$ 1,457,959	\$ 1,457,959
2022	7,727,251	297,202	7,430,049	1,431,373	1,431,373	\$ -	\$ 1,450,435	\$ 1,450,435
2023	7,430,049	297,202	7,132,847	1,386,895	1,386,895	\$ -	\$ 1,408,146	\$ 1,408,146
2024	7,132,847	297,202	6,835,645	1,342,418	1,342,418	\$ -		
2025	6,835,645	297,202	6,538,443	1,297,941	1,297,941	\$ -		
2026	6,538,443	297,202	6,241,241	1,253,464	1,253,464	\$ -		
2027	6,241,241	297,202	5,944,039	1,208,986	1,208,986	\$ -		
2028	5,944,039	297,202	5,646,837	1,164,509	1,164,509	\$ -		
2029	5,646,837	297,202	5,349,635	1,120,032	1,120,032	\$ -		
2030	5,349,635	297,202	5,052,433	1,075,554	1,075,554	\$ -		
2031	5,052,433	297,202	4,755,231	1,031,077	1,031,077	\$ -		
2032	4,755,231	297,202	4,458,029	986,600	986,600	\$ -		
2033	4,458,029	297,202	4,160,827	942,123	942,123	\$ -		
2034	4,160,827	297,202	3,863,625	897,645	897,645	\$ -		
2035	3,863,625	297,202	3,566,423	853,168	853,168	\$ -		
2036	3,566,423	297,202	3,269,221	808,691	808,691	\$ -		
2037	3,269,221	297,202	2,972,020	764,213	764,213	\$ -		
2038	2,972,020	297,202	2,674,818	719,736	719,736	\$ -		
2039	2,674,818	297,202	2,377,616	675,259	675,259	\$ -		
2040	2,377,616	297,202	2,080,414	630,782	630,782	\$ -		
2041	2,080,414	297,202	1,783,212	586,304	586,304	\$ -		
2042	1,783,212	297,202	1,486,010	541,827	541,827	\$ -		
2043	1,486,010	297,202	1,188,808	497,350	497,350	\$ -		
2044	1,188,808	297,202	891,606	452,872	452,872	\$ -		
2045	891,606	297,202	594,404	408,395	408,395	\$ -		
2046	594,404	297,202	297,202	363,918	363,918	\$ -		
2047	297,202	297,202	-	319,441	319,441	\$ -		
2048	-	-	-	-	-	\$ -		
2049	-	-	-	-	-	\$ -		
2050	-	-	-	-	-	\$ -		
2051	-	-	-	-	-	\$ -		
2052	-	-	-	-	-	\$ -		
2053	-	-	-	-	-	\$ -		
2054	-	-	-	-	-	\$ -		
2055	-	-	-	-	-	\$ -		
2056	-	-	-	-	-	\$ -		
2057	-	-	-	-	-	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
Project Totals	10,402,068			39,201,112	39,201,112			

\*\* 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.

In order to calculate the proper monthly RTEP billing amount, PJM requires a 12 month revenue requirement for each RTEP project. As a result, notwithstanding the fact that the project was in service for a partial year, the project revenue requirement in the year that the project goes into service has been annualized (shown at the full-year level) so that PJM will collect the correct monthly billings.

Worksheet J - ATRR PROJECTED 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)

Current Projected Year ARR	433,466
Current Projected Year ARR w/ Incentive	433,466
Current Projected Year Incentive ARR	-

Project Description: RTEP ID: b1231 (WAPAKONETA-WEST MOULTON 138/69KV Transformer)

Details		Current Year	2024
Investment	3,473,922		
Service Year (yyyy)	2011	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	14.97%
Useful life	35	FCR w/incentives approved for these facilities, less dep.	14.97%
CIAC (Yes or No)	No	Annual Depreciation Expense	99,255

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

Investment Year	Beginning Balance	Depreciation Expense	Ending 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 Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2011	3,473,922	99,255	3,473,922	519,884	519,884	\$ -	\$ -	\$ -
2012	3,473,922	99,255	3,374,667	611,712	611,712	\$ -	\$ 386,386	\$ 386,386
2013	3,374,667	99,255	3,275,412	596,858	596,858	\$ -	\$ 410,711	\$ 410,711
2014	3,275,412	99,255	3,176,157	582,005	582,005	\$ -	\$ 453,040	\$ 453,040
2015	3,176,157	99,255	3,076,902	567,151	567,151	\$ -	\$ 435,575	\$ 435,575
2016	3,076,902	99,255	2,977,648	552,297	552,297	\$ -	\$ 473,027	\$ 473,027
2017	2,977,648	99,255	2,878,393	537,443	537,443	\$ -	\$ 562,920	\$ 562,920
2018	2,878,393	99,255	2,779,138	522,589	522,589	\$ -	\$ 499,743	\$ 499,743
2019	2,779,138	99,255	2,679,883	507,735	507,735	\$ -	\$ 509,431	\$ 509,431
2020	2,679,883	99,255	2,580,628	492,882	492,882	\$ -	\$ 529,806	\$ 529,806
2021	2,580,628	99,255	2,481,373	478,028	478,028	\$ -	\$ 473,117	\$ 473,117
2022	2,481,373	99,255	2,382,118	463,174	463,174	\$ -	\$ 469,756	\$ 469,756
2023	2,382,118	99,255	2,282,863	448,320	448,320	\$ -	\$ 455,127	\$ 455,127
2024	2,282,863	99,255	2,183,608	433,466	433,466	\$ -		
2025	2,183,608	99,255	2,084,353	418,612	418,612	\$ -		
2026	2,084,353	99,255	1,985,098	403,759	403,759	\$ -		
2027	1,985,098	99,255	1,885,843	388,905	388,905	\$ -		
2028	1,885,843	99,255	1,786,589	374,051	374,051	\$ -		
2029	1,786,589	99,255	1,687,334	359,197	359,197	\$ -		
2030	1,687,334	99,255	1,588,079	344,343	344,343	\$ -		
2031	1,588,079	99,255	1,488,824	329,489	329,489	\$ -		
2032	1,488,824	99,255	1,389,569	314,636	314,636	\$ -		
2033	1,389,569	99,255	1,290,314	299,782	299,782	\$ -		
2034	1,290,314	99,255	1,191,059	284,928	284,928	\$ -		
2035	1,191,059	99,255	1,091,804	270,074	270,074	\$ -		
2036	1,091,804	99,255	992,549	255,220	255,220	\$ -		
2037	992,549	99,255	893,294	240,366	240,366	\$ -		
2038	893,294	99,255	794,039	225,513	225,513	\$ -		
2039	794,039	99,255	694,784	210,659	210,659	\$ -		
2040	694,784	99,255	595,529	195,805	195,805	\$ -		
2041	595,529	99,255	496,275	180,951	180,951	\$ -		
2042	496,275	99,255	397,020	166,097	166,097	\$ -		
2043	397,020	99,255	297,765	151,243	151,243	\$ -		
2044	297,765	99,255	198,510	136,390	136,390	\$ -		
2045	198,510	99,255	99,255	121,536	121,536	\$ -		
2046	99,255	99,255	-	106,682	106,682	\$ -		
2047	-	-	-	-	-	\$ -		
2048	-	-	-	-	-	\$ -		
2049	-	-	-	-	-	\$ -		
2050	-	-	-	-	-	\$ -		
2051	-	-	-	-	-	\$ -		
2052	-	-	-	-	-	\$ -		
2053	-	-	-	-	-	\$ -		
2054	-	-	-	-	-	\$ -		
2055	-	-	-	-	-	\$ -		
2056	-	-	-	-	-	\$ -		
2057	-	-	-	-	-	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
Project Totals		3,473,922		13,091,782	13,091,782	-		

\*\* 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.

In order to calculate the proper monthly RTEP billing amount, PJM requires a 12 month revenue requirement for each RTEP project. As a result, notwithstanding the fact that the project was in service for a partial year, the project revenue requirement in the year that the project goes into service has been annualized (shown at the full-year level) so that PJM will collect the correct monthly billings.

Worksheet J - ATRR PROJECTED 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)

Current Projected Year ARR	1,109,745
Current Projected Year ARR w/ Incentive	1,109,745
Current Projected Year Incentive ARR	-

Project Description: **RTEP ID: b1034.1 (South Canton - West Canton 138kV line and Wagenhals - Wayview 138kV**

Details		Current Year	2024
Investment	8,345,675		
Service Year (yyyy)	2019	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	11	FCR w/o incentives, less depreciation	14.97%
Useful life	35	FCR w/incentives approved for these facilities, less dep.	14.97%
CIAC (Yes or No)	No	Annual Depreciation Expense	238,448

CUMULATIVE HISTORY OF PROJECTED ANNUAL REVENUE REQUIREMENTS:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending 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 Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2013	8,345,675	19,871	8,325,804	1,267,343	1,267,343	\$ -	\$ 443,007	\$ 443,007
2014	8,325,804	238,448	8,087,356	1,466,591	1,466,591	\$ -	\$ 964,332	\$ 964,332
2015	8,087,356	238,448	7,848,908	1,430,906	1,430,906	\$ -	\$ 1,065,163	\$ 1,065,163
2016	7,848,908	238,448	7,610,460	1,395,222	1,395,222	\$ -	\$ 1,173,750	\$ 1,173,750
2017	7,610,460	238,448	7,372,013	1,359,537	1,359,537	\$ -	\$ 1,404,427	\$ 1,404,427
2018	7,372,013	238,448	7,133,565	1,323,852	1,323,852	\$ -	\$ 1,247,990	\$ 1,247,990
2019	7,133,565	238,448	6,895,117	1,288,168	1,288,168	\$ -	\$ 1,276,918	\$ 1,276,918
2020	6,895,117	238,448	6,656,669	1,252,483	1,252,483	\$ -	\$ 1,334,247	\$ 1,334,247
2021	6,656,669	238,448	6,418,221	1,216,799	1,216,799	\$ -	\$ 1,200,102	\$ 1,200,102
2022	6,418,221	238,448	6,179,773	1,181,114	1,181,114	\$ -	\$ 1,195,932	\$ 1,195,932
2023	6,179,773	238,448	5,941,325	1,145,430	1,145,430	\$ -	\$ 1,163,117	\$ 1,163,117
2024	5,941,325	238,448	5,702,878	1,109,745	1,109,745	\$ -		
2025	5,702,878	238,448	5,464,430	1,074,061	1,074,061	\$ -		
2026	5,464,430	238,448	5,225,982	1,038,376	1,038,376	\$ -		
2027	5,225,982	238,448	4,987,534	1,002,692	1,002,692	\$ -		
2028	4,987,534	238,448	4,749,086	967,007	967,007	\$ -		
2029	4,749,086	238,448	4,510,638	931,323	931,323	\$ -		
2030	4,510,638	238,448	4,272,191	895,638	895,638	\$ -		
2031	4,272,191	238,448	4,033,743	859,953	859,953	\$ -		
2032	4,033,743	238,448	3,795,295	824,269	824,269	\$ -		
2033	3,795,295	238,448	3,556,847	788,584	788,584	\$ -		
2034	3,556,847	238,448	3,318,399	752,900	752,900	\$ -		
2035	3,318,399	238,448	3,079,951	717,215	717,215	\$ -		
2036	3,079,951	238,448	2,841,503	681,531	681,531	\$ -		
2037	2,841,503	238,448	2,603,056	645,846	645,846	\$ -		
2038	2,603,056	238,448	2,364,608	610,162	610,162	\$ -		
2039	2,364,608	238,448	2,126,160	574,477	574,477	\$ -		
2040	2,126,160	238,448	1,887,712	538,793	538,793	\$ -		
2041	1,887,712	238,448	1,649,264	503,108	503,108	\$ -		
2042	1,649,264	238,448	1,410,816	467,424	467,424	\$ -		
2043	1,410,816	238,448	1,172,369	431,739	431,739	\$ -		
2044	1,172,369	238,448	933,921	396,055	396,055	\$ -		
2045	933,921	238,448	695,473	360,370	360,370	\$ -		
2046	695,473	238,448	457,025	324,685	324,685	\$ -		
2047	457,025	238,448	218,577	289,001	289,001	\$ -		
2048	218,577	218,577	-	234,933	234,933	\$ -		
2049	-	-	-	-	-	\$ -		
2050	-	-	-	-	-	\$ -		
2051	-	-	-	-	-	\$ -		
2052	-	-	-	-	-	\$ -		
2053	-	-	-	-	-	\$ -		
2054	-	-	-	-	-	\$ -		
2055	-	-	-	-	-	\$ -		
2056	-	-	-	-	-	\$ -		
2057	-	-	-	-	-	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
Project Totals	8,345,675			31,347,331	31,347,331	-		

\*\* 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.

In order to calculate the proper monthly RTEP billing amount, PJM requires a 12 month revenue requirement for each RTEP project. As a result, notwithstanding the fact that the project was in service for a partial year, the project revenue requirement in the year that the project goes into service has been annualized (shown at the full-year level) so that PJM will collect the correct monthly billings.

Worksheet J - ATRR PROJECTED 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. [REDACTED]

(e.g. ER05-925-000)

Current Projected Year ARR	573,998
Current Projected Year ARR w/ Incentive	573,998
Current Projected Year Incentive ARR	-

Project Description: RTEP ID: b1034.8 (138kV Circuit Breakers at the West Canton, South Canton, Canton Central, and Wagenhals stations)

Details			
Investment	4,305,129	Current Year	2024
Service Year (yyyy)	2019	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	14.97%
Useful life	35	FCR w/incentives approved for these facilities, less dep.	14.97%
CIAC (Yes or No)	No	Annual Depreciation Expense	123,004

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

Investment Year	Beginning Balance	Depreciation Expense	Ending 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 Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2013	4,305,129		4,305,129	644,277	644,277	\$ -	\$ 244,284	\$ 244,284
2014	4,305,129	123,004	4,182,125	758,077	758,077	\$ -	\$ 568,269	\$ 568,269
2015	4,182,125	123,004	4,059,121	739,669	739,669	\$ -	\$ 554,603	\$ 554,603
2016	4,059,121	123,004	3,936,118	721,261	721,261	\$ -	\$ 606,319	\$ 606,319
2017	3,936,118	123,004	3,813,114	702,853	702,853	\$ -	\$ 725,644	\$ 725,644
2018	3,813,114	123,004	3,690,110	684,445	684,445	\$ -	\$ 644,841	\$ 644,841
2019	3,690,110	123,004	3,567,107	666,037	666,037	\$ -	\$ 659,891	\$ 659,891
2020	3,567,107	123,004	3,444,103	647,629	647,629	\$ -	\$ 689,652	\$ 689,652
2021	3,444,103	123,004	3,321,099	629,221	629,221	\$ -	\$ 620,499	\$ 620,499
2022	3,321,099	123,004	3,198,096	610,814	610,814	\$ -	\$ 618,435	\$ 618,435
2023	3,198,096	123,004	3,075,092	592,406	592,406	\$ -	\$ 601,559	\$ 601,559
2024	3,075,092	123,004	2,952,088	573,998	573,998	\$ -		
2025	2,952,088	123,004	2,829,085	555,590	555,590	\$ -		
2026	2,829,085	123,004	2,706,081	537,182	537,182	\$ -		
2027	2,706,081	123,004	2,583,077	518,774	518,774	\$ -		
2028	2,583,077	123,004	2,460,074	500,366	500,366	\$ -		
2029	2,460,074	123,004	2,337,070	481,958	481,958	\$ -		
2030	2,337,070	123,004	2,214,066	463,550	463,550	\$ -		
2031	2,214,066	123,004	2,091,062	445,142	445,142	\$ -		
2032	2,091,062	123,004	1,968,059	426,734	426,734	\$ -		
2033	1,968,059	123,004	1,845,055	408,326	408,326	\$ -		
2034	1,845,055	123,004	1,722,051	389,919	389,919	\$ -		
2035	1,722,051	123,004	1,599,048	371,511	371,511	\$ -		
2036	1,599,048	123,004	1,476,044	353,103	353,103	\$ -		
2037	1,476,044	123,004	1,353,040	334,695	334,695	\$ -		
2038	1,353,040	123,004	1,230,037	316,287	316,287	\$ -		
2039	1,230,037	123,004	1,107,033	297,879	297,879	\$ -		
2040	1,107,033	123,004	984,029	279,471	279,471	\$ -		
2041	984,029	123,004	861,026	261,063	261,063	\$ -		
2042	861,026	123,004	738,022	242,655	242,655	\$ -		
2043	738,022	123,004	615,018	224,247	224,247	\$ -		
2044	615,018	123,004	492,015	205,839	205,839	\$ -		
2045	492,015	123,004	369,011	187,431	187,431	\$ -		
2046	369,011	123,004	246,007	169,023	169,023	\$ -		
2047	246,007	123,004	123,004	150,616	150,616	\$ -		
2048	123,004	123,004	-	132,208	132,208	\$ -		
2049	-	-	-	-	-	\$ -		
2050	-	-	-	-	-	\$ -		
2051	-	-	-	-	-	\$ -		
2052	-	-	-	-	-	\$ -		
2053	-	-	-	-	-	\$ -		
2054	-	-	-	-	-	\$ -		
2055	-	-	-	-	-	\$ -		
2056	-	-	-	-	-	\$ -		
2057	-	-	-	-	-	\$ -		
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2064	-	-	-	-	-	\$ -		
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2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
Project Totals		4,305,129		16,224,257	16,224,257	-		

\*\* 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.

In order to calculate the proper monthly RTEP billing amount, PJM requires a 12 month revenue requirement for each RTEP project. As a result, notwithstanding the fact that the project was in service for a partial year, the project revenue requirement in the year that the project goes into service has been annualized (shown at the full-year level) so that PJM will collect the correct monthly billings.

Worksheet J - ATRR PROJECTED 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: RTEP ID: b1864.2 (West Bellaire-Brues 138 kV Circuit)

Current Projected Year ARR	142,750
Current Projected Year ARR w/ Incentive	142,750
Current Projected Year Incentive ARR	-

Details			
Investment	1,076,416	Current Year	2024
Service Year (yyyy)	2019	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	10	FCR w/o incentives, less depreciation	14.97%
Useful life	35	FCR w/incentives approved for these facilities, less dep.	14.97%
CIAC (Yes or No)	No	Annual Depreciation Expense	30,755

CUMULATIVE HISTORY OF PROJECTED ANNUAL REVENUE REQUIREMENTS:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending 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 Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2013	1,076,416	5,126	1,071,290	165,832	165,832	\$ -	\$ 124,755	\$ 124,755
2014	1,071,290	30,755	1,040,536	188,776	188,776	\$ -	\$ 140,765	\$ 140,765
2015	1,040,536	30,755	1,009,781	184,173	184,173	\$ -	\$ 137,783	\$ 137,783
2016	1,009,781	30,755	979,026	179,571	179,571	\$ -	\$ 151,179	\$ 151,179
2017	979,026	30,755	948,271	174,968	174,968	\$ -	\$ 180,849	\$ 180,849
2018	948,271	30,755	917,517	170,366	170,366	\$ -	\$ 160,698	\$ 160,698
2019	917,517	30,755	886,762	165,763	165,763	\$ -	\$ 164,398	\$ 164,398
2020	886,762	30,755	856,007	161,160	161,160	\$ -	\$ 171,745	\$ 171,745
2021	856,007	30,755	825,252	156,558	156,558	\$ -	\$ 154,432	\$ 154,432
2022	825,252	30,755	794,498	151,955	151,955	\$ -	\$ 153,872	\$ 153,872
2023	794,498	30,755	763,743	147,353	147,353	\$ -	\$ 149,627	\$ 149,627
2024	763,743	30,755	732,988	142,750	142,750	\$ -		
2025	732,988	30,755	702,233	138,148	138,148	\$ -		
2026	702,233	30,755	671,479	133,545	133,545	\$ -		
2027	671,479	30,755	640,724	128,943	128,943	\$ -		
2028	640,724	30,755	609,969	124,340	124,340	\$ -		
2029	609,969	30,755	579,214	119,737	119,737	\$ -		
2030	579,214	30,755	548,460	115,135	115,135	\$ -		
2031	548,460	30,755	517,705	110,532	110,532	\$ -		
2032	517,705	30,755	486,950	105,930	105,930	\$ -		
2033	486,950	30,755	456,195	101,327	101,327	\$ -		
2034	456,195	30,755	425,441	96,725	96,725	\$ -		
2035	425,441	30,755	394,686	92,122	92,122	\$ -		
2036	394,686	30,755	363,931	87,520	87,520	\$ -		
2037	363,931	30,755	333,176	82,917	82,917	\$ -		
2038	333,176	30,755	302,422	78,314	78,314	\$ -		
2039	302,422	30,755	271,667	73,712	73,712	\$ -		
2040	271,667	30,755	240,912	69,109	69,109	\$ -		
2041	240,912	30,755	210,157	64,507	64,507	\$ -		
2042	210,157	30,755	179,403	59,904	59,904	\$ -		
2043	179,403	30,755	148,648	55,302	55,302	\$ -		
2044	148,648	30,755	117,893	50,699	50,699	\$ -		
2045	117,893	30,755	87,138	46,097	46,097	\$ -		
2046	87,138	30,755	56,384	41,494	41,494	\$ -		
2047	56,384	30,755	25,629	36,891	36,891	\$ -		
2048	25,629	25,629	-	27,547	27,547	\$ -		
2049	-	-	-	-	-	\$ -		
2050	-	-	-	-	-	\$ -		
2051	-	-	-	-	-	\$ -		
2052	-	-	-	-	-	\$ -		
2053	-	-	-	-	-	\$ -		
2054	-	-	-	-	-	\$ -		
2055	-	-	-	-	-	\$ -		
2056	-	-	-	-	-	\$ -		
2057	-	-	-	-	-	\$ -		
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2059	-	-	-	-	-	\$ -		
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2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
Project Totals	1,076,416			4,029,721	4,029,721	-		

\*\* 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.

In order to calculate the proper monthly RTEP billing amount, PJM requires a 12 month revenue requirement for each RTEP project. As a result, notwithstanding the fact that the project was in service for a partial year, the project revenue requirement in the year that the project goes into service has been annualized (shown at the full-year level) so that PJM will collect the correct monthly billings.

Worksheet J - ATRR PROJECTED 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)

Current Projected Year ARR	913,257
Current Projected Year ARR w/ Incentive	913,257
Current Projected Year Incentive ARR	-

Project Description: RTEP ID: b1870 (Replace Ohio Central transformer #1 345/138/12 kV 450 MVA for a 345/138/34.5 kV 675 MVA transformer)

Details		Current Year	2024
Investment	6,849,657		
Service Year (yyyy)	2019	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	14.97%
Useful life	35	FCR w/incentives approved for these facilities, less dep.	14.97%
CIAC (Yes or No)	No	Annual Depreciation Expense	195,704

CUMULATIVE HISTORY OF PROJECTED ANNUAL REVENUE REQUIREMENTS:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending 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 Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2013	6,849,657		6,849,657	1,025,075	1,025,075	\$ -	\$ 576,980	\$ 576,980
2014	6,849,657	195,704	6,653,952	1,206,135	1,206,135	\$ -	\$ 900,905	\$ 900,905
2015	6,653,952	195,704	6,458,248	1,176,847	1,176,847	\$ -	\$ 882,849	\$ 882,849
2016	6,458,248	195,704	6,262,543	1,147,559	1,147,559	\$ -	\$ 964,681	\$ 964,681
2017	6,262,543	195,704	6,066,839	1,118,272	1,118,272	\$ -	\$ 1,154,533	\$ 1,154,533
2018	6,066,839	195,704	5,871,134	1,088,984	1,088,984	\$ -	\$ 1,026,972	\$ 1,026,972
2019	5,871,134	195,704	5,675,430	1,059,696	1,059,696	\$ -	\$ 1,049,916	\$ 1,049,916
2020	5,675,430	195,704	5,479,725	1,030,408	1,030,408	\$ -	\$ 1,097,508	\$ 1,097,508
2021	5,479,725	195,704	5,284,021	1,001,120	1,001,120	\$ -	\$ 987,532	\$ 987,532
2022	5,284,021	195,704	5,088,316	971,832	971,832	\$ -	\$ 983,958	\$ 983,958
2023	5,088,316	195,704	4,892,612	942,545	942,545	\$ -	\$ 957,109	\$ 957,109
2024	4,892,612	195,704	4,696,907	913,257	913,257	\$ -		
2025	4,696,907	195,704	4,501,203	883,969	883,969	\$ -		
2026	4,501,203	195,704	4,305,499	854,681	854,681	\$ -		
2027	4,305,499	195,704	4,109,794	825,393	825,393	\$ -		
2028	4,109,794	195,704	3,914,090	796,105	796,105	\$ -		
2029	3,914,090	195,704	3,718,385	766,817	766,817	\$ -		
2030	3,718,385	195,704	3,522,681	737,530	737,530	\$ -		
2031	3,522,681	195,704	3,326,976	708,242	708,242	\$ -		
2032	3,326,976	195,704	3,131,272	678,954	678,954	\$ -		
2033	3,131,272	195,704	2,935,567	649,666	649,666	\$ -		
2034	2,935,567	195,704	2,739,863	620,378	620,378	\$ -		
2035	2,739,863	195,704	2,544,158	591,090	591,090	\$ -		
2036	2,544,158	195,704	2,348,454	561,803	561,803	\$ -		
2037	2,348,454	195,704	2,152,749	532,515	532,515	\$ -		
2038	2,152,749	195,704	1,957,045	503,227	503,227	\$ -		
2039	1,957,045	195,704	1,761,340	473,939	473,939	\$ -		
2040	1,761,340	195,704	1,565,636	444,651	444,651	\$ -		
2041	1,565,636	195,704	1,369,931	415,363	415,363	\$ -		
2042	1,369,931	195,704	1,174,227	386,075	386,075	\$ -		
2043	1,174,227	195,704	978,522	356,788	356,788	\$ -		
2044	978,522	195,704	782,818	327,500	327,500	\$ -		
2045	782,818	195,704	587,113	298,212	298,212	\$ -		
2046	587,113	195,704	391,409	268,924	268,924	\$ -		
2047	391,409	195,704	195,704	239,636	239,636	\$ -		
2048	195,704	195,704	-	210,348	210,348	\$ -		
2049	-	-	-	-	-	\$ -		
2050	-	-	-	-	-	\$ -		
2051	-	-	-	-	-	\$ -		
2052	-	-	-	-	-	\$ -		
2053	-	-	-	-	-	\$ -		
2054	-	-	-	-	-	\$ -		
2055	-	-	-	-	-	\$ -		
2056	-	-	-	-	-	\$ -		
2057	-	-	-	-	-	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
Project Totals	6,849,657			25,813,536	25,813,536	-		

\*\* 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.

In order to calculate the proper monthly RTEP billing amount, PJM requires a 12 month revenue requirement for each RTEP project. As a result, notwithstanding the fact that the project was in service for a partial year, the project revenue requirement in the year that the project goes into service has been annualized (shown at the full-year level) so that PJM will collect the correct monthly billings.

Worksheet J - ATRR PROJECTED 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)

Current Projected Year ARR	3,067,045
Current Projected Year ARR w/ Incentive	3,067,045
Current Projected Year Incentive ARR	-

Project Description: RTEP ID: b1032.2 (Construct two 138kV outlets to Delano 138kV station and to Camp Sherman station)

Details		Current Year	2024
Investment	21,947,824		
Service Year (yyyy)	2016	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	6	FCR w/o incentives, less depreciation	14.97%
Useful life	35	FCR w/incentives approved for these facilities, less dep.	14.97%
CIAC (Yes or No)	No	Annual Depreciation Expense	627,081

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't. From Year Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2015	21,947,824	313,540	21,634,284	3,574,646	3,574,646	\$ -	\$ 962,431	\$ 962,431
2016	21,634,284	627,081	21,007,203	3,817,803	3,817,803	\$ -	\$ 7,321,581	\$ 7,321,581
2017	21,007,203	627,081	20,380,122	3,723,958	3,723,958	\$ -	\$ 4,892,362	\$ 4,892,362
2018	20,380,122	627,081	19,753,042	3,630,113	3,630,113	\$ -	\$ 3,315,908	\$ 3,315,908
2019	19,753,042	627,081	19,125,961	3,536,269	3,536,269	\$ -	\$ 1,878,388	\$ 1,878,388
2020	19,125,961	627,081	18,498,880	3,442,424	3,442,424	\$ -	\$ 1,943,866	\$ 1,943,866
2021	18,498,880	627,081	17,871,800	3,348,579	3,348,579	\$ -	\$ 3,307,154	\$ 3,307,154
2022	17,871,800	627,081	17,244,719	3,254,734	3,254,734	\$ -	\$ 3,290,723	\$ 3,290,723
2023	17,244,719	627,081	16,617,638	3,160,889	3,160,889	\$ -	\$ 3,210,069	\$ 3,210,069
2024	16,617,638	627,081	15,990,558	3,067,045	3,067,045	\$ -		
2025	15,990,558	627,081	15,363,477	2,973,200	2,973,200	\$ -		
2026	15,363,477	627,081	14,736,396	2,879,355	2,879,355	\$ -		
2027	14,736,396	627,081	14,109,316	2,785,510	2,785,510	\$ -		
2028	14,109,316	627,081	13,482,235	2,691,666	2,691,666	\$ -		
2029	13,482,235	627,081	12,855,154	2,597,821	2,597,821	\$ -		
2030	12,855,154	627,081	12,228,073	2,503,976	2,503,976	\$ -		
2031	12,228,073	627,081	11,600,993	2,410,131	2,410,131	\$ -		
2032	11,600,993	627,081	10,973,912	2,316,287	2,316,287	\$ -		
2033	10,973,912	627,081	10,346,831	2,222,442	2,222,442	\$ -		
2034	10,346,831	627,081	9,719,751	2,128,597	2,128,597	\$ -		
2035	9,719,751	627,081	9,092,670	2,034,752	2,034,752	\$ -		
2036	9,092,670	627,081	8,465,589	1,940,907	1,940,907	\$ -		
2037	8,465,589	627,081	7,838,509	1,847,063	1,847,063	\$ -		
2038	7,838,509	627,081	7,211,428	1,753,218	1,753,218	\$ -		
2039	7,211,428	627,081	6,584,347	1,659,373	1,659,373	\$ -		
2040	6,584,347	627,081	5,957,267	1,565,528	1,565,528	\$ -		
2041	5,957,267	627,081	5,330,186	1,471,684	1,471,684	\$ -		
2042	5,330,186	627,081	4,703,105	1,377,839	1,377,839	\$ -		
2043	4,703,105	627,081	4,076,024	1,283,994	1,283,994	\$ -		
2044	4,076,024	627,081	3,448,944	1,190,149	1,190,149	\$ -		
2045	3,448,944	627,081	2,821,863	1,096,305	1,096,305	\$ -		
2046	2,821,863	627,081	2,194,782	1,002,460	1,002,460	\$ -		
2047	2,194,782	627,081	1,567,702	908,615	908,615	\$ -		
2048	1,567,702	627,081	940,621	814,770	814,770	\$ -		
2049	940,621	627,081	313,540	720,925	720,925	\$ -		
2050	313,540	313,540	-	337,002	337,002	\$ -		
2051	-	-	-	-	-	\$ -		
2052	-	-	-	-	-	\$ -		
2053	-	-	-	-	-	\$ -		
2054	-	-	-	-	-	\$ -		
2055	-	-	-	-	-	\$ -		
2056	-	-	-	-	-	\$ -		
2057	-	-	-	-	-	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
2073	-	-	-	-	-	\$ -		
2074	-	-	-	-	-	\$ -		
Project Totals	21,947,824			81,070,028	81,070,028	-		

\*\* 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.

In order to calculate the proper monthly RTEP billing amount, PJM requires a 12 month revenue requirement for each RTEP project. As a result, notwithstanding the fact that the project was in service for a partial year, the project revenue requirement in the year that the project goes into service has been annualized (shown at the full-year level) so that PJM will collect the correct monthly billings.

Worksheet J - ATRR PROJECTED 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)

Current Projected Year ARR	879,122
Current Projected Year ARR w/ Incentive	879,122
Current Projected Year Incentive ARR	-

Project Description: RTEP ID: b1034.2 (Loop the existing South Canton - Wayview 138kV circuit in-and-out of West Canton)

Details			
Investment	6,422,010	Current Year	2024
Service Year (yyyy)	2014	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	10	FCR w/o incentives, less depreciation	14.97%
Useful life	35	FCR w/incentives approved for these facilities, less dep.	14.97%
CIAC (Yes or No)	No	Annual Depreciation Expense	183,486

CUMULATIVE HISTORY OF PROJECTED ANNUAL REVENUE REQUIREMENTS:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending 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 Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2014	6,422,010	30,581	6,391,429	989,369	989,369	\$ -	\$ 590,874	\$ 590,874
2015	6,391,429	183,486	6,207,943	1,126,256	1,126,256	\$ -	\$ 774,598	\$ 774,598
2016	6,207,943	183,486	6,024,457	1,098,796	1,098,796	\$ -	\$ 868,128	\$ 868,128
2017	6,024,457	183,486	5,840,971	1,071,337	1,071,337	\$ -	\$ 1,103,628	\$ 1,103,628
2018	5,840,971	183,486	5,657,485	1,043,878	1,043,878	\$ -	\$ 983,699	\$ 983,699
2019	5,657,485	183,486	5,473,999	1,016,418	1,016,418	\$ -	\$ 1,002,123	\$ 1,002,123
2020	5,473,999	183,486	5,290,513	989,959	989,959	\$ -	\$ 1,049,321	\$ 1,049,321
2021	5,290,513	183,486	5,107,027	961,500	961,500	\$ -	\$ 946,849	\$ 946,849
2022	5,107,027	183,486	4,923,541	934,040	934,040	\$ -	\$ 945,076	\$ 945,076
2023	4,923,541	183,486	4,740,055	906,581	906,581	\$ -	\$ 920,682	\$ 920,682
2024	4,740,055	183,486	4,556,569	879,122	879,122	\$ -		
2025	4,556,569	183,486	4,373,083	851,663	851,663	\$ -		
2026	4,373,083	183,486	4,189,597	824,203	824,203	\$ -		
2027	4,189,597	183,486	4,006,111	796,744	796,744	\$ -		
2028	4,006,111	183,486	3,822,625	769,285	769,285	\$ -		
2029	3,822,625	183,486	3,639,139	741,825	741,825	\$ -		
2030	3,639,139	183,486	3,455,653	714,366	714,366	\$ -		
2031	3,455,653	183,486	3,272,167	686,907	686,907	\$ -		
2032	3,272,167	183,486	3,088,681	659,447	659,447	\$ -		
2033	3,088,681	183,486	2,905,195	631,988	631,988	\$ -		
2034	2,905,195	183,486	2,721,709	604,529	604,529	\$ -		
2035	2,721,709	183,486	2,538,223	577,069	577,069	\$ -		
2036	2,538,223	183,486	2,354,737	549,610	549,610	\$ -		
2037	2,354,737	183,486	2,171,251	522,151	522,151	\$ -		
2038	2,171,251	183,486	1,987,765	494,692	494,692	\$ -		
2039	1,987,765	183,486	1,804,279	467,232	467,232	\$ -		
2040	1,804,279	183,486	1,620,793	439,773	439,773	\$ -		
2041	1,620,793	183,486	1,437,307	412,314	412,314	\$ -		
2042	1,437,307	183,486	1,253,821	384,854	384,854	\$ -		
2043	1,253,821	183,486	1,070,335	357,395	357,395	\$ -		
2044	1,070,335	183,486	886,849	329,936	329,936	\$ -		
2045	886,849	183,486	703,363	302,476	302,476	\$ -		
2046	703,363	183,486	519,877	275,017	275,017	\$ -		
2047	519,877	183,486	336,391	247,558	247,558	\$ -		
2048	336,391	183,486	152,905	220,098	220,098	\$ -		
2049	152,905	152,905	-	164,346	164,346	\$ -		
2050	-	-	-	-	-	\$ -		
2051	-	-	-	-	-	\$ -		
2052	-	-	-	-	-	\$ -		
2053	-	-	-	-	-	\$ -		
2054	-	-	-	-	-	\$ -		
2055	-	-	-	-	-	\$ -		
2056	-	-	-	-	-	\$ -		
2057	-	-	-	-	-	\$ -		
2058	-	-	-	-	-	\$ -		
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2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
2073	-	-	-	-	-	\$ -		
Project Totals	6,422,010			24,041,734	24,041,734	-		

\*\* 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.

In order to calculate the proper monthly RTEP billing amount, PJM requires a 12 month revenue requirement for each RTEP project. As a result, notwithstanding the fact that the project was in service for a partial year, the project revenue requirement in the year that the project goes into service has been annualized (shown at the full-year level) so that PJM will collect the correct monthly billings.

Worksheet J - ATRR PROJECTED 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)

Current Projected Year ARR	1,854,885
Current Projected Year ARR w/ Incentive	1,854,885
Current Projected Year Incentive ARR	-

Project Description: RTEP ID: b1034.3 (Install a 345/138kV 450 MVA transformer at Canton Central)

Details			
Investment	13,479,817	Current Year	2024
Service Year (yyyy)	2014	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	14.97%
Useful life	35	FCR w/incentives approved for these facilities, less dep.	14.97%
CIAC (Yes or No)	No	Annual Depreciation Expense	385,138

CUMULATIVE HISTORY OF PROJECTED ANNUAL REVENUE REQUIREMENTS:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending 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 Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2014	13,479,817		13,479,817	2,017,301	2,017,301	\$ -	\$ 1,611,055	\$ 1,611,055
2015	13,479,817	385,138	13,094,680	2,373,620	2,373,620	\$ -	\$ 1,730,626	\$ 1,730,626
2016	13,094,680	385,138	12,709,542	2,315,983	2,315,983	\$ -	\$ 1,937,127	\$ 1,937,127
2017	12,709,542	385,138	12,324,404	2,258,345	2,258,345	\$ -	\$ 2,315,830	\$ 2,315,830
2018	12,324,404	385,138	11,939,267	2,200,708	2,200,708	\$ -	\$ 2,058,911	\$ 2,058,911
2019	11,939,267	385,138	11,554,129	2,143,071	2,143,071	\$ -	\$ 2,110,913	\$ 2,110,913
2020	11,554,129	385,138	11,168,991	2,085,434	2,085,434	\$ -	\$ 2,211,159	\$ 2,211,159
2021	11,168,991	385,138	10,783,854	2,027,797	2,027,797	\$ -	\$ 1,996,356	\$ 1,996,356
2022	10,783,854	385,138	10,398,716	1,970,160	1,970,160	\$ -	\$ 1,993,183	\$ 1,993,183
2023	10,398,716	385,138	10,013,579	1,912,522	1,912,522	\$ -	\$ 1,942,308	\$ 1,942,308
2024	10,013,579	385,138	9,628,441	1,854,885	1,854,885	\$ -		
2025	9,628,441	385,138	9,243,303	1,797,248	1,797,248	\$ -		
2026	9,243,303	385,138	8,858,166	1,739,611	1,739,611	\$ -		
2027	8,858,166	385,138	8,473,028	1,681,974	1,681,974	\$ -		
2028	8,473,028	385,138	8,087,890	1,624,337	1,624,337	\$ -		
2029	8,087,890	385,138	7,702,753	1,566,699	1,566,699	\$ -		
2030	7,702,753	385,138	7,317,615	1,509,062	1,509,062	\$ -		
2031	7,317,615	385,138	6,932,477	1,451,425	1,451,425	\$ -		
2032	6,932,477	385,138	6,547,340	1,393,788	1,393,788	\$ -		
2033	6,547,340	385,138	6,162,202	1,336,151	1,336,151	\$ -		
2034	6,162,202	385,138	5,777,065	1,278,514	1,278,514	\$ -		
2035	5,777,065	385,138	5,391,927	1,220,877	1,220,877	\$ -		
2036	5,391,927	385,138	5,006,789	1,163,239	1,163,239	\$ -		
2037	5,006,789	385,138	4,621,652	1,105,602	1,105,602	\$ -		
2038	4,621,652	385,138	4,236,514	1,047,965	1,047,965	\$ -		
2039	4,236,514	385,138	3,851,376	990,328	990,328	\$ -		
2040	3,851,376	385,138	3,466,239	932,691	932,691	\$ -		
2041	3,466,239	385,138	3,081,101	875,054	875,054	\$ -		
2042	3,081,101	385,138	2,695,963	817,416	817,416	\$ -		
2043	2,695,963	385,138	2,310,826	759,779	759,779	\$ -		
2044	2,310,826	385,138	1,925,688	702,142	702,142	\$ -		
2045	1,925,688	385,138	1,540,551	644,505	644,505	\$ -		
2046	1,540,551	385,138	1,155,413	586,868	586,868	\$ -		
2047	1,155,413	385,138	770,275	529,231	529,231	\$ -		
2048	770,275	385,138	385,138	471,593	471,593	\$ -		
2049	385,138	385,138	0	413,956	413,956	\$ -		
2050	0	0	-	0	0	\$ -		
2051	-	-	-	-	-	\$ -		
2052	-	-	-	-	-	\$ -		
2053	-	-	-	-	-	\$ -		
2054	-	-	-	-	-	\$ -		
2055	-	-	-	-	-	\$ -		
2056	-	-	-	-	-	\$ -		
2057	-	-	-	-	-	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
2073	-	-	-	-	-	\$ -		
Project Totals		13,479,817		50,799,881	50,799,881	-		

\*\* 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.

In order to calculate the proper monthly RTEP billing amount, PJM requires a 12 month revenue requirement for each RTEP project. As a result, notwithstanding the fact that the project was in service for a partial year, the project revenue requirement in the year that the project goes into service has been annualized (shown at the full-year level) so that PJM will collect the correct monthly billings.

Worksheet J - ATRR PROJECTED 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. [redacted] (e.g. ER05-925-000)

Project Description: RTEP ID: b1970 (Reconductor 13 miles of Kammer-West Bellaire 345 kV line)

Current Projected Year ARR	-
Current Projected Year ARR w/ Incentive	-
Current Projected Year Incentive ARR	-

Details			
Investment	-	Current Year	2024
Service Year (yyyy)	2014	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	14.97%
Useful life	35	FCR w/incentives approved for these facilities, less dep.	14.97%
CIAC (Yes or No)	no	Annual Depreciation Expense	-

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

Investment Year	Beginning Balance	Depreciation Expense	Ending 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 Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2014	-	-	-	-	-	\$	\$ 1,502,768	\$ 1,502,768
2015	-	-	-	-	-	\$	\$ 1,736,229	\$ 1,736,229
2016	-	-	-	-	-	\$	\$ 1,915,973	\$ 1,915,973
2017	-	-	-	-	-	\$	\$ 2,299,209	\$ 2,299,209
2018	-	-	-	-	-	\$	\$ 2,044,134	\$ 2,044,134
2019	-	-	-	-	-	\$	-	-
2020	-	-	-	-	-	\$	-	-
2021	-	-	-	-	-	\$	-	-
2022	-	-	-	-	-	\$	-	-
2023	-	-	-	-	-	\$	-	-
2024	-	-	-	-	-	\$	-	-
2025	-	-	-	-	-	\$	-	-
2026	-	-	-	-	-	\$	-	-
2027	-	-	-	-	-	\$	-	-
2028	-	-	-	-	-	\$	-	-
2029	-	-	-	-	-	\$	-	-
2030	-	-	-	-	-	\$	-	-
2031	-	-	-	-	-	\$	-	-
2032	-	-	-	-	-	\$	-	-
2033	-	-	-	-	-	\$	-	-
2034	-	-	-	-	-	\$	-	-
2035	-	-	-	-	-	\$	-	-
2036	-	-	-	-	-	\$	-	-
2037	-	-	-	-	-	\$	-	-
2038	-	-	-	-	-	\$	-	-
2039	-	-	-	-	-	\$	-	-
2040	-	-	-	-	-	\$	-	-
2041	-	-	-	-	-	\$	-	-
2042	-	-	-	-	-	\$	-	-
2043	-	-	-	-	-	\$	-	-
2044	-	-	-	-	-	\$	-	-
2045	-	-	-	-	-	\$	-	-
2046	-	-	-	-	-	\$	-	-
2047	-	-	-	-	-	\$	-	-
2048	-	-	-	-	-	\$	-	-
2049	-	-	-	-	-	\$	-	-
2050	-	-	-	-	-	\$	-	-
2051	-	-	-	-	-	\$	-	-
2052	-	-	-	-	-	\$	-	-
2053	-	-	-	-	-	\$	-	-
2054	-	-	-	-	-	\$	-	-
2055	-	-	-	-	-	\$	-	-
2056	-	-	-	-	-	\$	-	-
2057	-	-	-	-	-	\$	-	-
2058	-	-	-	-	-	\$	-	-
2059	-	-	-	-	-	\$	-	-
2060	-	-	-	-	-	\$	-	-
2061	-	-	-	-	-	\$	-	-
2062	-	-	-	-	-	\$	-	-
2063	-	-	-	-	-	\$	-	-
2064	-	-	-	-	-	\$	-	-
2065	-	-	-	-	-	\$	-	-
2066	-	-	-	-	-	\$	-	-
2067	-	-	-	-	-	\$	-	-
2068	-	-	-	-	-	\$	-	-
2069	-	-	-	-	-	\$	-	-
2070	-	-	-	-	-	\$	-	-
2071	-	-	-	-	-	\$	-	-
2072	-	-	-	-	-	\$	-	-
2073	-	-	-	-	-	\$	-	-
Project Totals				-	-	-	-	-

\*\* 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.

In order to calculate the proper monthly RTEP billing amount, PJM requires a 12 month revenue requirement for each RTEP project. As a result, notwithstanding the fact that the project was in service for a partial year, the project revenue requirement in the year that the project goes into service has been annualized (shown at the full-year level) so that PJM will collect the correct monthly billings.

Worksheet J - ATRR PROJECTED 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)

Current Projected Year ARR	1,832,535
Current Projected Year ARR w/ Incentive	1,832,535
Current Projected Year Incentive ARR	-

Project Description: RTEP ID: b2018 (Loop Conesville-Bixby 345 kV circuit into Ohio Central)

Details			
Investment	13,744,474	Current Year	2024
Service Year (yyyy)	2019	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	14.97%
Useful life	35	FCR w/incentives approved for these facilities, less dep.	14.97%
CIAC (Yes or No)	No	Annual Depreciation Expense	392,699

CUMULATIVE HISTORY OF PROJECTED ANNUAL REVENUE REQUIREMENTS:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending 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 Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2013	13,744,474		13,744,474	2,056,907	2,056,907	\$ -	\$ -	\$ -
2014	13,744,474	392,699	13,351,775	2,420,222	2,420,222	\$ -	\$ 294,473	\$ 294,473
2015	13,351,775	392,699	12,959,075	2,361,454	2,361,454	\$ -	\$ 1,769,452	\$ 1,769,452
2016	12,959,075	392,699	12,566,376	2,302,685	2,302,685	\$ -	\$ 1,930,442	\$ 1,930,442
2017	12,566,376	392,699	12,173,677	2,243,916	2,243,916	\$ -	\$ 2,311,328	\$ 2,311,328
2018	12,173,677	392,699	11,780,978	2,185,147	2,185,147	\$ -	\$ 2,058,707	\$ 2,058,707
2019	11,780,978	392,699	11,388,278	2,126,378	2,126,378	\$ -	\$ 2,106,755	\$ 2,106,755
2020	11,388,278	392,699	10,995,579	2,067,610	2,067,610	\$ -	\$ 2,201,768	\$ 2,201,768
2021	10,995,579	392,699	10,602,880	2,008,841	2,008,841	\$ -	\$ 1,980,992	\$ 1,980,992
2022	10,602,880	392,699	10,210,181	1,950,072	1,950,072	\$ -	\$ 1,974,403	\$ 1,974,403
2023	10,210,181	392,699	9,817,481	1,891,303	1,891,303	\$ -	\$ 1,920,527	\$ 1,920,527
2024	9,817,481	392,699	9,424,782	1,832,535	1,832,535	\$ -		
2025	9,424,782	392,699	9,032,083	1,773,766	1,773,766	\$ -		
2026	9,032,083	392,699	8,639,384	1,714,997	1,714,997	\$ -		
2027	8,639,384	392,699	8,246,684	1,656,228	1,656,228	\$ -		
2028	8,246,684	392,699	7,853,985	1,597,459	1,597,459	\$ -		
2029	7,853,985	392,699	7,461,286	1,538,691	1,538,691	\$ -		
2030	7,461,286	392,699	7,068,587	1,479,922	1,479,922	\$ -		
2031	7,068,587	392,699	6,675,887	1,421,153	1,421,153	\$ -		
2032	6,675,887	392,699	6,283,188	1,362,384	1,362,384	\$ -		
2033	6,283,188	392,699	5,890,489	1,303,615	1,303,615	\$ -		
2034	5,890,489	392,699	5,497,790	1,244,847	1,244,847	\$ -		
2035	5,497,790	392,699	5,105,090	1,186,078	1,186,078	\$ -		
2036	5,105,090	392,699	4,712,391	1,127,309	1,127,309	\$ -		
2037	4,712,391	392,699	4,319,692	1,068,540	1,068,540	\$ -		
2038	4,319,692	392,699	3,926,993	1,009,772	1,009,772	\$ -		
2039	3,926,993	392,699	3,534,293	951,003	951,003	\$ -		
2040	3,534,293	392,699	3,141,594	892,234	892,234	\$ -		
2041	3,141,594	392,699	2,748,895	833,465	833,465	\$ -		
2042	2,748,895	392,699	2,356,196	774,696	774,696	\$ -		
2043	2,356,196	392,699	1,963,496	715,928	715,928	\$ -		
2044	1,963,496	392,699	1,570,797	657,159	657,159	\$ -		
2045	1,570,797	392,699	1,178,098	598,390	598,390	\$ -		
2046	1,178,098	392,699	785,399	539,621	539,621	\$ -		
2047	785,399	392,699	392,699	480,852	480,852	\$ -		
2048	392,699	392,699	0	422,084	422,084	\$ -		
2049	0	0	-	0	0	\$ -		
2050	-	-	-	-	-	\$ -		
2051	-	-	-	-	-	\$ -		
2052	-	-	-	-	-	\$ -		
2053	-	-	-	-	-	\$ -		
2054	-	-	-	-	-	\$ -		
2055	-	-	-	-	-	\$ -		
2056	-	-	-	-	-	\$ -		
2057	-	-	-	-	-	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
Project Totals	13,744,474			51,797,263	51,797,263	-		

\*\* 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.

In order to calculate the proper monthly RTEP billing amount, PJM requires a 12 month revenue requirement for each RTEP project. As a result, notwithstanding the fact that the project was in service for a partial year, the project revenue requirement in the year that the project goes into service has been annualized (shown at the full-year level) so that PJM will collect the correct monthly billings.

Worksheet J - ATRR PROJECTED 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)

Current Projected Year ARR	2,897,782
Current Projected Year ARR w/ Incentive	2,897,782
Current Projected Year Incentive ARR	-

Project Description: RTEP ID: b2021 (Add 345/138 kV Transformers at Sporn, Kanawha River, and Muskingum River stations)

Details		Current Year	2024
Investment	21,058,753		
Service Year (yyyy)	2014	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	14.97%
Useful life	35	FCR w/incentives approved for these facilities, less dep.	14.97%
CIAC (Yes or No)	No	Annual Depreciation Expense	601,679

CUMULATIVE HISTORY OF PROJECTED ANNUAL REVENUE REQUIREMENTS:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending 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 Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2014	21,058,753	-	21,058,753	3,151,514	3,151,514	\$ -	\$ 2,052,447	\$ 2,052,447
2015	21,058,753	601,679	20,457,075	3,708,171	3,708,171	\$ -	\$ 2,695,147	\$ 2,695,147
2016	20,457,075	601,679	19,855,396	3,618,128	3,618,128	\$ -	\$ 3,014,861	\$ 3,014,861
2017	19,855,396	601,679	19,253,717	3,528,085	3,528,085	\$ -	\$ 3,618,083	\$ 3,618,083
2018	19,253,717	601,679	18,652,039	3,438,042	3,438,042	\$ -	\$ 3,216,698	\$ 3,216,698
2019	18,652,039	601,679	18,050,360	3,347,998	3,347,998	\$ -	\$ 3,297,995	\$ 3,297,995
2020	18,050,360	601,679	17,448,681	3,257,955	3,257,955	\$ -	\$ 3,455,603	\$ 3,455,603
2021	17,448,681	601,679	16,847,003	3,167,912	3,167,912	\$ -	\$ 3,118,794	\$ 3,118,794
2022	16,847,003	601,679	16,245,324	3,077,869	3,077,869	\$ -	\$ 3,113,837	\$ 3,113,837
2023	16,245,324	601,679	15,643,645	2,987,825	2,987,825	\$ -	\$ 3,034,357	\$ 3,034,357
2024	15,643,645	601,679	15,041,967	2,897,782	2,897,782	\$ -		
2025	15,041,967	601,679	14,440,288	2,807,739	2,807,739	\$ -		
2026	14,440,288	601,679	13,838,609	2,717,695	2,717,695	\$ -		
2027	13,838,609	601,679	13,236,931	2,627,652	2,627,652	\$ -		
2028	13,236,931	601,679	12,635,252	2,537,609	2,537,609	\$ -		
2029	12,635,252	601,679	12,033,573	2,447,566	2,447,566	\$ -		
2030	12,033,573	601,679	11,431,895	2,357,522	2,357,522	\$ -		
2031	11,431,895	601,679	10,830,216	2,267,479	2,267,479	\$ -		
2032	10,830,216	601,679	10,228,537	2,177,436	2,177,436	\$ -		
2033	10,228,537	601,679	9,626,859	2,087,393	2,087,393	\$ -		
2034	9,626,859	601,679	9,025,180	1,997,349	1,997,349	\$ -		
2035	9,025,180	601,679	8,423,501	1,907,306	1,907,306	\$ -		
2036	8,423,501	601,679	7,821,823	1,817,263	1,817,263	\$ -		
2037	7,821,823	601,679	7,220,144	1,727,220	1,727,220	\$ -		
2038	7,220,144	601,679	6,618,465	1,637,176	1,637,176	\$ -		
2039	6,618,465	601,679	6,016,787	1,547,133	1,547,133	\$ -		
2040	6,016,787	601,679	5,415,108	1,457,090	1,457,090	\$ -		
2041	5,415,108	601,679	4,813,429	1,367,046	1,367,046	\$ -		
2042	4,813,429	601,679	4,211,751	1,277,003	1,277,003	\$ -		
2043	4,211,751	601,679	3,610,072	1,186,960	1,186,960	\$ -		
2044	3,610,072	601,679	3,008,393	1,096,917	1,096,917	\$ -		
2045	3,008,393	601,679	2,406,715	1,006,873	1,006,873	\$ -		
2046	2,406,715	601,679	1,805,036	916,830	916,830	\$ -		
2047	1,805,036	601,679	1,203,357	826,787	826,787	\$ -		
2048	1,203,357	601,679	601,679	736,744	736,744	\$ -		
2049	601,679	601,679	-	646,700	646,700	\$ -		
2050	-	-	-	-	-	\$ -		
2051	-	-	-	-	-	\$ -		
2052	-	-	-	-	-	\$ -		
2053	-	-	-	-	-	\$ -		
2054	-	-	-	-	-	\$ -		
2055	-	-	-	-	-	\$ -		
2056	-	-	-	-	-	\$ -		
2057	-	-	-	-	-	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
2073	-	-	-	-	-	\$ -		
Project Totals	21,058,753		79,361,770	79,361,770		-		

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Worksheet J - ATRR PROJECTED 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)

Current Projected Year ARR	516,347
Current Projected Year ARR w/ Incentive	516,347
Current Projected Year Incentive ARR	-

Project Description: RTEP ID: b2032 (Rebuild 138 kV Elliott Tap-Poston line)

Details			
Investment	3,781,771	Current Year	2024
Service Year (yyyy)	2014	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	9	FCR w/o incentives, less depreciation	14.97%
Useful life	35	FCR w/incentives approved for these facilities, less dep.	14.97%
CIAC (Yes or No)	No	Annual Depreciation Expense	108,051

CUMULATIVE HISTORY OF PROJECTED ANNUAL REVENUE REQUIREMENTS:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending 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 Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2014	3,781,771	27,013	3,754,759	590,946	590,946	\$ -	\$ 2,808,368	\$ 2,808,368
2015	3,754,759	108,051	3,646,708	661,978	661,978	-	\$ 492,192	\$ 492,192
2016	3,646,708	108,051	3,538,657	645,708	645,708	-	\$ 539,236	\$ 539,236
2017	3,538,657	108,051	3,430,607	629,538	629,538	-	\$ 646,665	\$ 646,665
2018	3,430,607	108,051	3,322,556	613,368	613,368	-	\$ 574,858	\$ 574,858
2019	3,322,556	108,051	3,214,506	597,197	597,197	-	\$ 589,081	\$ 589,081
2020	3,214,506	108,051	3,106,455	581,027	581,027	-	\$ 616,710	\$ 616,710
2021	3,106,455	108,051	2,998,404	564,857	564,857	-	\$ 556,326	\$ 556,326
2022	2,998,404	108,051	2,890,354	548,687	548,687	-	\$ 555,205	\$ 555,205
2023	2,890,354	108,051	2,782,303	532,517	532,517	-	\$ 540,794	\$ 540,794
2024	2,782,303	108,051	2,674,253	516,347	516,347	-		
2025	2,674,253	108,051	2,566,202	500,177	500,177	-		
2026	2,566,202	108,051	2,458,151	484,006	484,006	-		
2027	2,458,151	108,051	2,350,101	467,836	467,836	-		
2028	2,350,101	108,051	2,242,050	451,666	451,666	-		
2029	2,242,050	108,051	2,134,000	435,496	435,496	-		
2030	2,134,000	108,051	2,025,949	419,326	419,326	-		
2031	2,025,949	108,051	1,917,898	403,156	403,156	-		
2032	1,917,898	108,051	1,809,848	386,986	386,986	-		
2033	1,809,848	108,051	1,701,797	370,815	370,815	-		
2034	1,701,797	108,051	1,593,746	354,645	354,645	-		
2035	1,593,746	108,051	1,485,696	338,475	338,475	-		
2036	1,485,696	108,051	1,377,645	322,305	322,305	-		
2037	1,377,645	108,051	1,269,595	306,135	306,135	-		
2038	1,269,595	108,051	1,161,544	289,965	289,965	-		
2039	1,161,544	108,051	1,053,493	273,795	273,795	-		
2040	1,053,493	108,051	945,443	257,624	257,624	-		
2041	945,443	108,051	837,392	241,454	241,454	-		
2042	837,392	108,051	729,342	225,284	225,284	-		
2043	729,342	108,051	621,291	209,114	209,114	-		
2044	621,291	108,051	513,240	192,944	192,944	-		
2045	513,240	108,051	405,190	176,774	176,774	-		
2046	405,190	108,051	297,139	160,604	160,604	-		
2047	297,139	108,051	189,089	144,433	144,433	-		
2048	189,089	108,051	81,038	128,263	128,263	-		
2049	81,038	81,038	-	87,102	87,102	-		
2050	-	-	-	-	-	-		
2051	-	-	-	-	-	-		
2052	-	-	-	-	-	-		
2053	-	-	-	-	-	-		
2054	-	-	-	-	-	-		
2055	-	-	-	-	-	-		
2056	-	-	-	-	-	-		
2057	-	-	-	-	-	-		
2058	-	-	-	-	-	-		
2059	-	-	-	-	-	-		
2060	-	-	-	-	-	-		
2061	-	-	-	-	-	-		
2062	-	-	-	-	-	-		
2063	-	-	-	-	-	-		
2064	-	-	-	-	-	-		
2065	-	-	-	-	-	-		
2066	-	-	-	-	-	-		
2067	-	-	-	-	-	-		
2068	-	-	-	-	-	-		
2069	-	-	-	-	-	-		
2070	-	-	-	-	-	-		
2071	-	-	-	-	-	-		
2072	-	-	-	-	-	-		
2073	-	-	-	-	-	-		
Project Totals		3,781,771		14,110,450	14,110,450	-		

\*\* 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.

In order to calculate the proper monthly RTEP billing amount, PJM requires a 12 month revenue requirement for each RTEP project. As a result, notwithstanding the fact that the project was in service for a partial year, the project revenue requirement in the year that the project goes into service has been annualized (shown at the full-year level) so that PJM will collect the correct monthly billings.

Worksheet J - ATRR PROJECTED 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)

Current Projected Year ARR	3,937,813
Current Projected Year ARR w/ Incentive	3,937,813
Current Projected Year Incentive ARR	-

Project Description: RTEP ID: b1032.1 (Construct a new 345/138kV station on the Marquis-Bixby 345kV line near the intersection with Ross-Highland 69kV)

Details		Current Year	2024
Investment	27,342,437		
Service Year (yyyy)	2016	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	6	FCR w/o incentives, less depreciation	14.97%
Useful life	35	FCR w/incentives approved for these facilities, less dep.	14.97%
CIAC (Yes or No)	No	Annual Depreciation Expense	781,212

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

Investment Year	Beginning Balance	Depreciation Expense	Ending 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 Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2016	27,342,437	390,606	26,951,831	4,453,268	4,453,268	\$ -	\$ 1,957,261	\$ 1,957,261
2017	26,951,831	781,212	26,170,619	4,756,191	4,756,191	\$ -	\$ 582,397	\$ 582,397
2018	26,170,619	781,212	25,389,406	4,639,279	4,639,279	\$ -	\$ 4,098,498	\$ 4,098,498
2019	25,389,406	781,212	24,608,194	4,522,368	4,522,368	\$ -	\$ 4,209,863	\$ 4,209,863
2020	24,608,194	781,212	23,826,981	4,405,457	4,405,457	\$ -	\$ 4,424,103	\$ 4,424,103
2021	23,826,981	781,212	23,045,769	4,288,546	4,288,546	\$ -	\$ 4,212,214	\$ 4,212,214
2022	23,045,769	781,212	22,264,556	4,171,635	4,171,635	\$ -	\$ 4,215,783	\$ 4,215,783
2023	22,264,556	781,212	21,483,344	4,054,724	4,054,724	\$ -	\$ 4,118,560	\$ 4,118,560
2024	21,483,344	781,212	20,702,131	3,937,813	3,937,813	\$ -		
2025	20,702,131	781,212	19,920,919	3,820,902	3,820,902	\$ -		
2026	19,920,919	781,212	19,139,706	3,703,991	3,703,991	\$ -		
2027	19,139,706	781,212	18,358,494	3,587,079	3,587,079	\$ -		
2028	18,358,494	781,212	17,577,281	3,470,168	3,470,168	\$ -		
2029	17,577,281	781,212	16,796,069	3,353,257	3,353,257	\$ -		
2030	16,796,069	781,212	16,014,856	3,236,346	3,236,346	\$ -		
2031	16,014,856	781,212	15,233,644	3,119,435	3,119,435	\$ -		
2032	15,233,644	781,212	14,452,431	3,002,524	3,002,524	\$ -		
2033	14,452,431	781,212	13,671,219	2,885,613	2,885,613	\$ -		
2034	13,671,219	781,212	12,890,006	2,768,702	2,768,702	\$ -		
2035	12,890,006	781,212	12,108,794	2,651,790	2,651,790	\$ -		
2036	12,108,794	781,212	11,327,581	2,534,879	2,534,879	\$ -		
2037	11,327,581	781,212	10,546,369	2,417,968	2,417,968	\$ -		
2038	10,546,369	781,212	9,765,156	2,301,057	2,301,057	\$ -		
2039	9,765,156	781,212	8,983,944	2,184,146	2,184,146	\$ -		
2040	8,983,944	781,212	8,202,731	2,067,235	2,067,235	\$ -		
2041	8,202,731	781,212	7,421,519	1,950,324	1,950,324	\$ -		
2042	7,421,519	781,212	6,640,306	1,833,413	1,833,413	\$ -		
2043	6,640,306	781,212	5,859,094	1,716,501	1,716,501	\$ -		
2044	5,859,094	781,212	5,077,881	1,599,590	1,599,590	\$ -		
2045	5,077,881	781,212	4,296,669	1,482,679	1,482,679	\$ -		
2046	4,296,669	781,212	3,515,456	1,365,768	1,365,768	\$ -		
2047	3,515,456	781,212	2,734,244	1,248,857	1,248,857	\$ -		
2048	2,734,244	781,212	1,953,031	1,131,946	1,131,946	\$ -		
2049	1,953,031	781,212	1,171,819	1,015,035	1,015,035	\$ -		
2050	1,171,819	781,212	390,606	898,124	898,124	\$ -		
2051	390,606	390,606	-	419,834	419,834	\$ -		
2052	-	-	-	-	-	\$ -		
2053	-	-	-	-	-	\$ -		
2054	-	-	-	-	-	\$ -		
2055	-	-	-	-	-	\$ -		
2056	-	-	-	-	-	\$ -		
2057	-	-	-	-	-	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
2073	-	-	-	-	-	\$ -		
2074	-	-	-	-	-	\$ -		
2075	-	-	-	-	-	\$ -		
Project Totals	27,342,437			100,996,443	100,996,443	-		

\*\* 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.

In order to calculate the proper monthly RTEP billing amount, PJM requires a 12 month revenue requirement for each RTEP project. As a result, notwithstanding the fact that the project was in service for a partial year, the project revenue requirement in the year that the project goes into service has been annualized (shown at the full-year level) so that PJM will collect the correct monthly billings.

Worksheet J - ATRR PROJECTED 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)

Current Projected Year ARR	868,555
Current Projected Year ARR w/ Incentive	868,555
Current Projected Year Incentive ARR	-

Project Description: RTEP ID: b1032.4 (Install 138/69kV transformer at new station and connect in the Ross - Highland 69kV line)

Details		2024
Investment	6,215,398	Current Year
Service Year (yyyy)	2016	ROE increase accepted by FERC (Basis Points)
Service Month (1-12)	6	FCR w/o incentives, less depreciation
Useful life	35	FCR w/incentives approved for these facilities, less dep.
CIAC (Yes or No)	No	Annual Depreciation Expense

CUMULATIVE HISTORY OF PROJECTED ANNUAL REVENUE REQUIREMENTS:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending 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 Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2015	6,215,398	88,791	6,126,606	1,012,303	1,012,303	\$ -	\$ 643,594	\$ 643,594
2016	6,126,606	177,583	5,949,023	1,081,162	1,081,162	\$ -	\$ 866,696	\$ 866,696
2017	5,949,023	177,583	5,771,441	1,054,587	1,054,587	\$ -	\$ 1,077,982	\$ 1,077,982
2018	5,771,441	177,583	5,593,858	1,028,011	1,028,011	\$ -	\$ 958,607	\$ 958,607
2019	5,593,858	177,583	5,416,275	1,001,435	1,001,435	\$ -	\$ 983,630	\$ 983,630
2020	5,416,275	177,583	5,238,692	974,859	974,859	\$ -	\$ 1,031,481	\$ 1,031,481
2021	5,238,692	177,583	5,061,110	948,283	948,283	\$ -	\$ 932,835	\$ 932,835
2022	5,061,110	177,583	4,883,527	921,707	921,707	\$ -	\$ 932,130	\$ 932,130
2023	4,883,527	177,583	4,705,944	895,131	895,131	\$ -	\$ 909,124	\$ 909,124
2024	4,705,944	177,583	4,528,361	868,555	868,555	\$ -		
2025	4,528,361	177,583	4,350,778	841,980	841,980	\$ -		
2026	4,350,778	177,583	4,173,196	815,404	815,404	\$ -		
2027	4,173,196	177,583	3,995,613	788,828	788,828	\$ -		
2028	3,995,613	177,583	3,818,030	762,252	762,252	\$ -		
2029	3,818,030	177,583	3,640,447	735,676	735,676	\$ -		
2030	3,640,447	177,583	3,462,864	709,100	709,100	\$ -		
2031	3,462,864	177,583	3,285,282	682,524	682,524	\$ -		
2032	3,285,282	177,583	3,107,699	655,948	655,948	\$ -		
2033	3,107,699	177,583	2,930,116	629,373	629,373	\$ -		
2034	2,930,116	177,583	2,752,533	602,797	602,797	\$ -		
2035	2,752,533	177,583	2,574,950	576,221	576,221	\$ -		
2036	2,574,950	177,583	2,397,368	549,645	549,645	\$ -		
2037	2,397,368	177,583	2,219,785	523,069	523,069	\$ -		
2038	2,219,785	177,583	2,042,202	496,493	496,493	\$ -		
2039	2,042,202	177,583	1,864,619	469,917	469,917	\$ -		
2040	1,864,619	177,583	1,687,037	443,342	443,342	\$ -		
2041	1,687,037	177,583	1,509,454	416,766	416,766	\$ -		
2042	1,509,454	177,583	1,331,871	390,190	390,190	\$ -		
2043	1,331,871	177,583	1,154,288	363,614	363,614	\$ -		
2044	1,154,288	177,583	976,705	337,038	337,038	\$ -		
2045	976,705	177,583	799,123	310,462	310,462	\$ -		
2046	799,123	177,583	621,540	283,886	283,886	\$ -		
2047	621,540	177,583	443,957	257,310	257,310	\$ -		
2048	443,957	177,583	266,374	230,735	230,735	\$ -		
2049	266,374	177,583	88,791	204,159	204,159	\$ -		
2050	88,791	88,791	-	95,435	95,435	\$ -		
2051	-	-	-	-	-	\$ -		
2052	-	-	-	-	-	\$ -		
2053	-	-	-	-	-	\$ -		
2054	-	-	-	-	-	\$ -		
2055	-	-	-	-	-	\$ -		
2056	-	-	-	-	-	\$ -		
2057	-	-	-	-	-	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
2073	-	-	-	-	-	\$ -		
2074	-	-	-	-	-	\$ -		
Project Totals	6,215,398			22,958,197	22,958,197	-		

\*\* 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.

In order to calculate the proper monthly RTEP billing amount, PJM requires a 12 month revenue requirement for each RTEP project. As a result, notwithstanding the fact that the project was in service for a partial year, the project revenue requirement in the year that the project goes into service has been annualized (shown at the full-year level) so that PJM will collect the correct monthly billings.

Worksheet J - ATRR PROJECTED 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)

Current Projected Year ARR	2,579,511
Current Projected Year ARR w/ Incentive	2,579,511
Current Projected Year Incentive ARR	-

Project Description: RTEP ID: b1666 (Build an 8 breaker 138 kV station tapping both circuits of the Fostoria-East Lima 138 kV line)

Details		Current Year	2024
Investment	18,412,074		
Service Year (yyyy)	2016	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	7	FCR w/o incentives, less depreciation	14.97%
Useful life	35	FCR w/incentives approved for these facilities, less dep.	14.97%
CIAC (Yes or No)	No	Annual Depreciation Expense	526,059

CUMULATIVE HISTORY OF PROJECTED ANNUAL REVENUE REQUIREMENTS:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending 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 Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2015	18,412,074	219,191	18,192,883	2,958,220	2,958,220	\$ -	\$ 1,528,116	\$ 1,528,116
2016	18,192,883	526,059	17,666,824	3,209,323	3,209,323	\$ -	\$ 887,506	\$ 887,506
2017	17,666,824	526,059	17,140,765	3,130,597	3,130,597	\$ -	\$ 1,060,430	\$ 1,060,430
2018	17,140,765	526,059	16,614,705	3,051,870	3,051,870	\$ -	\$ 930,781	\$ 930,781
2019	16,614,705	526,059	16,088,646	2,973,143	2,973,143	\$ -	\$ 2,918,930	\$ 2,918,930
2020	16,088,646	526,059	15,562,587	2,894,417	2,894,417	\$ -	\$ 3,061,483	\$ 3,061,483
2021	15,562,587	526,059	15,036,527	2,815,690	2,815,690	\$ -	\$ 2,769,457	\$ 2,769,457
2022	15,036,527	526,059	14,510,468	2,736,964	2,736,964	\$ -	\$ 2,767,743	\$ 2,767,743
2023	14,510,468	526,059	13,984,409	2,658,237	2,658,237	\$ -	\$ 2,699,817	\$ 2,699,817
2024	13,984,409	526,059	13,458,350	2,579,511	2,579,511	\$ -		
2025	13,458,350	526,059	12,932,290	2,500,784	2,500,784	\$ -		
2026	12,932,290	526,059	12,406,231	2,422,057	2,422,057	\$ -		
2027	12,406,231	526,059	11,880,172	2,343,331	2,343,331	\$ -		
2028	11,880,172	526,059	11,354,113	2,264,604	2,264,604	\$ -		
2029	11,354,113	526,059	10,828,053	2,185,878	2,185,878	\$ -		
2030	10,828,053	526,059	10,301,994	2,107,151	2,107,151	\$ -		
2031	10,301,994	526,059	9,775,935	2,028,425	2,028,425	\$ -		
2032	9,775,935	526,059	9,249,875	1,949,698	1,949,698	\$ -		
2033	9,249,875	526,059	8,723,816	1,870,971	1,870,971	\$ -		
2034	8,723,816	526,059	8,197,757	1,792,245	1,792,245	\$ -		
2035	8,197,757	526,059	7,671,698	1,713,518	1,713,518	\$ -		
2036	7,671,698	526,059	7,145,638	1,634,792	1,634,792	\$ -		
2037	7,145,638	526,059	6,619,579	1,556,065	1,556,065	\$ -		
2038	6,619,579	526,059	6,093,520	1,477,339	1,477,339	\$ -		
2039	6,093,520	526,059	5,567,461	1,398,612	1,398,612	\$ -		
2040	5,567,461	526,059	5,041,401	1,319,885	1,319,885	\$ -		
2041	5,041,401	526,059	4,515,342	1,241,159	1,241,159	\$ -		
2042	4,515,342	526,059	3,989,283	1,162,432	1,162,432	\$ -		
2043	3,989,283	526,059	3,463,224	1,083,706	1,083,706	\$ -		
2044	3,463,224	526,059	2,937,164	1,004,979	1,004,979	\$ -		
2045	2,937,164	526,059	2,411,105	926,253	926,253	\$ -		
2046	2,411,105	526,059	1,885,046	847,526	847,526	\$ -		
2047	1,885,046	526,059	1,358,986	768,800	768,800	\$ -		
2048	1,358,986	526,059	832,927	690,073	690,073	\$ -		
2049	832,927	526,059	306,868	611,346	611,346	\$ -		
2050	306,868	306,868	-	329,830	329,830	\$ -		
2051	-	-	-	-	-	\$ -		
2052	-	-	-	-	-	\$ -		
2053	-	-	-	-	-	\$ -		
2054	-	-	-	-	-	\$ -		
2055	-	-	-	-	-	\$ -		
2056	-	-	-	-	-	\$ -		
2057	-	-	-	-	-	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
2073	-	-	-	-	-	\$ -		
2074	-	-	-	-	-	\$ -		
Project Totals	18,412,074			68,239,431	68,239,431	-		

\*\* 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.

In order to calculate the proper monthly RTEP billing amount, PJM requires a 12 month revenue requirement for each RTEP project. As a result, notwithstanding the fact that the project was in service for a partial year, the project revenue requirement in the year that the project goes into service has been annualized (shown at the full-year level) so that PJM will collect the correct monthly billings.



Worksheet J - ATRR PROJECTED 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)

Current Projected Year ARR	1,044,350
Current Projected Year ARR w/ Incentive	1,044,350
Current Projected Year Incentive ARR	-

Project Description: RTEP ID: b1957 (Terminate Transformer #2 at SW Lima in new bay position)

Details			
Investment	7,360,772	Current Year	2024
Service Year (yyyy)	2016	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	14.97%
Useful life	35	FCR w/incentives approved for these facilities, less dep.	14.97%
CIAC (Yes or No)	No	Annual Depreciation Expense	210,308

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

Investment Year	Beginning Balance	Depreciation Expense	Ending 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 Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2015	7,360,772		7,360,772	1,101,565	1,101,565	\$ -	\$ 714,472	\$ 714,472
2016	7,360,772	210,308	7,150,464	1,296,136	1,296,136	\$ -	\$ 1,030,854	\$ 1,030,854
2017	7,150,464	210,308	6,940,156	1,264,663	1,264,663	\$ -	\$ 1,310,546	\$ 1,310,546
2018	6,940,156	210,308	6,729,848	1,233,189	1,233,189	\$ -	\$ 1,148,932	\$ 1,148,932
2019	6,729,848	210,308	6,519,541	1,201,716	1,201,716	\$ -	\$ 1,177,105	\$ 1,177,105
2020	6,519,541	210,308	6,309,233	1,170,243	1,170,243	\$ -	\$ 1,235,701	\$ 1,235,701
2021	6,309,233	210,308	6,098,925	1,138,769	1,138,769	\$ -	\$ 1,119,347	\$ 1,119,347
2022	6,098,925	210,308	5,888,617	1,107,296	1,107,296	\$ -	\$ 1,119,410	\$ 1,119,410
2023	5,888,617	210,308	5,678,310	1,075,823	1,075,823	\$ -	\$ 1,092,701	\$ 1,092,701
2024	5,678,310	210,308	5,468,002	1,044,350	1,044,350	\$ -		
2025	5,468,002	210,308	5,257,694	1,012,876	1,012,876	\$ -		
2026	5,257,694	210,308	5,047,386	981,403	981,403	\$ -		
2027	5,047,386	210,308	4,837,079	949,930	949,930	\$ -		
2028	4,837,079	210,308	4,626,771	918,456	918,456	\$ -		
2029	4,626,771	210,308	4,416,463	886,983	886,983	\$ -		
2030	4,416,463	210,308	4,206,155	855,510	855,510	\$ -		
2031	4,206,155	210,308	3,995,848	824,037	824,037	\$ -		
2032	3,995,848	210,308	3,785,540	792,563	792,563	\$ -		
2033	3,785,540	210,308	3,575,232	761,090	761,090	\$ -		
2034	3,575,232	210,308	3,364,924	729,617	729,617	\$ -		
2035	3,364,924	210,308	3,154,616	698,144	698,144	\$ -		
2036	3,154,616	210,308	2,944,309	666,670	666,670	\$ -		
2037	2,944,309	210,308	2,734,001	635,197	635,197	\$ -		
2038	2,734,001	210,308	2,523,693	603,724	603,724	\$ -		
2039	2,523,693	210,308	2,313,385	572,250	572,250	\$ -		
2040	2,313,385	210,308	2,103,078	540,777	540,777	\$ -		
2041	2,103,078	210,308	1,892,770	509,304	509,304	\$ -		
2042	1,892,770	210,308	1,682,462	477,831	477,831	\$ -		
2043	1,682,462	210,308	1,472,154	446,357	446,357	\$ -		
2044	1,472,154	210,308	1,261,847	414,884	414,884	\$ -		
2045	1,261,847	210,308	1,051,539	383,411	383,411	\$ -		
2046	1,051,539	210,308	841,231	351,938	351,938	\$ -		
2047	841,231	210,308	630,923	320,464	320,464	\$ -		
2048	630,923	210,308	420,616	288,991	288,991	\$ -		
2049	420,616	210,308	210,308	257,518	257,518	\$ -		
2050	210,308	210,308	-	226,044	226,044	\$ -		
2051	-	-	-	-	-	\$ -		
2052	-	-	-	-	-	\$ -		
2053	-	-	-	-	-	\$ -		
2054	-	-	-	-	-	\$ -		
2055	-	-	-	-	-	\$ -		
2056	-	-	-	-	-	\$ -		
2057	-	-	-	-	-	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
2073	-	-	-	-	-	\$ -		
2074	-	-	-	-	-	\$ -		
Project Totals		7,360,772		27,739,718	27,739,718	-		

\*\* 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.

In order to calculate the proper monthly RTEP billing amount, PJM requires a 12 month revenue requirement for each RTEP project. As a result, notwithstanding the fact that the project was in service for a partial year, the project revenue requirement in the year that the project goes into service has been annualized (shown at the full-year level) so that PJM will collect the correct monthly billings.

Worksheet J - ATRR PROJECTED 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)

Current Projected Year ARR	7,122,747
Current Projected Year ARR w/ Incentive	7,122,747
Current Projected Year Incentive ARR	-

Project Description: RTEP ID: b2019 (Establish Burger 345/138 kV station)

Details			
Investment	50,970,497	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	14.97%
Useful life	35	FCR w/incentives approved for these facilities, less dep.	14.97%
CIAC (Yes or No)	No	Annual Depreciation Expense	1,456,300

CUMULATIVE HISTORY OF PROJECTED ANNUAL REVENUE REQUIREMENTS:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending 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 Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2015	50,970,497	728,150	50,242,347	8,301,574	8,301,574	\$ -	\$ 6,416,043	\$ 6,416,043
2016	50,242,347	1,456,300	48,786,047	8,866,269	8,866,269	\$ -	\$ 7,260,678	\$ 7,260,678
2017	48,786,047	1,456,300	47,329,748	8,648,329	8,648,329	\$ -	\$ 8,690,541	\$ 8,690,541
2018	47,329,748	1,456,300	45,873,448	8,430,388	8,430,388	\$ -	\$ 7,830,032	\$ 7,830,032
2019	45,873,448	1,456,300	44,417,148	8,212,448	8,212,448	\$ -	\$ 8,066,438	\$ 8,066,438
2020	44,417,148	1,456,300	42,960,848	7,994,508	7,994,508	\$ -	\$ 8,458,843	\$ 8,458,843
2021	42,960,848	1,456,300	41,504,548	7,776,567	7,776,567	\$ -	\$ 7,649,880	\$ 7,649,880
2022	41,504,548	1,456,300	40,048,248	7,558,627	7,558,627	\$ -	\$ 7,644,099	\$ 7,644,099
2023	40,048,248	1,456,300	38,591,948	7,340,687	7,340,687	\$ -	\$ 7,455,438	\$ 7,455,438
2024	38,591,948	1,456,300	37,135,648	7,122,747	7,122,747	\$ -		
2025	37,135,648	1,456,300	35,679,348	6,904,806	6,904,806	\$ -		
2026	35,679,348	1,456,300	34,223,048	6,686,866	6,686,866	\$ -		
2027	34,223,048	1,456,300	32,766,748	6,468,926	6,468,926	\$ -		
2028	32,766,748	1,456,300	31,310,448	6,250,986	6,250,986	\$ -		
2029	31,310,448	1,456,300	29,854,148	6,033,045	6,033,045	\$ -		
2030	29,854,148	1,456,300	28,397,848	5,815,105	5,815,105	\$ -		
2031	28,397,848	1,456,300	26,941,548	5,597,165	5,597,165	\$ -		
2032	26,941,548	1,456,300	25,485,249	5,379,225	5,379,225	\$ -		
2033	25,485,249	1,456,300	24,028,949	5,161,284	5,161,284	\$ -		
2034	24,028,949	1,456,300	22,572,649	4,943,344	4,943,344	\$ -		
2035	22,572,649	1,456,300	21,116,349	4,725,404	4,725,404	\$ -		
2036	21,116,349	1,456,300	19,660,049	4,507,464	4,507,464	\$ -		
2037	19,660,049	1,456,300	18,203,749	4,289,523	4,289,523	\$ -		
2038	18,203,749	1,456,300	16,747,449	4,071,583	4,071,583	\$ -		
2039	16,747,449	1,456,300	15,291,149	3,853,643	3,853,643	\$ -		
2040	15,291,149	1,456,300	13,834,849	3,635,703	3,635,703	\$ -		
2041	13,834,849	1,456,300	12,378,549	3,417,762	3,417,762	\$ -		
2042	12,378,549	1,456,300	10,922,249	3,199,822	3,199,822	\$ -		
2043	10,922,249	1,456,300	9,465,950	2,981,882	2,981,882	\$ -		
2044	9,465,950	1,456,300	8,009,650	2,763,941	2,763,941	\$ -		
2045	8,009,650	1,456,300	6,553,350	2,546,001	2,546,001	\$ -		
2046	6,553,350	1,456,300	5,097,050	2,328,061	2,328,061	\$ -		
2047	5,097,050	1,456,300	3,640,750	2,110,121	2,110,121	\$ -		
2048	3,640,750	1,456,300	2,184,450	1,892,180	1,892,180	\$ -		
2049	2,184,450	1,456,300	728,150	1,674,240	1,674,240	\$ -		
2050	728,150	728,150	-	782,635	782,635	\$ -		
2051	-	-	-	-	-	\$ -		
2052	-	-	-	-	-	\$ -		
2053	-	-	-	-	-	\$ -		
2054	-	-	-	-	-	\$ -		
2055	-	-	-	-	-	\$ -		
2056	-	-	-	-	-	\$ -		
2057	-	-	-	-	-	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
2073	-	-	-	-	-	\$ -		
2074	-	-	-	-	-	\$ -		
Project Totals		50,970,497		188,272,862	188,272,862	-		

\*\* 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.

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Worksheet J - ATRR PROJECTED 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)

Current Projected Year ARR	7,303,466
Current Projected Year ARR w/ Incentive	7,303,466
Current Projected Year Incentive ARR	-

Project Description: RTEP ID: b2017 (Reconductor or rebuild Sporn - Waterford - Muskingum River 345 kV line)

Details		Current Year	2024
Investment	52,397,331		
Service Year (yyyy)	2016	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	5	FCR w/o incentives, less depreciation	14.97%
Useful life	35	FCR w/incentives approved for these facilities, less dep.	14.97%
CIAC (Yes or No)	No	Annual Depreciation Expense	1,497,067

CUMULATIVE HISTORY OF PROJECTED ANNUAL REVENUE REQUIREMENTS:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending 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 Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2015	52,397,331	873,289	51,524,042	8,649,383	8,649,383	\$ -	\$ 7,243,003	\$ 7,243,003
2016	51,524,042	1,497,067	50,026,976	9,095,795	9,095,795	\$ -	\$ 7,538,577	\$ 7,538,577
2017	50,026,976	1,497,067	48,529,909	8,871,754	8,871,754	\$ -	\$ 9,073,387	\$ 9,073,387
2018	48,529,909	1,497,067	47,032,843	8,647,713	8,647,713	\$ -	\$ 8,068,347	\$ 8,068,347
2019	47,032,843	1,497,067	45,535,776	8,423,672	8,423,672	\$ -	\$ 8,277,757	\$ 8,277,757
2020	45,535,776	1,497,067	44,038,709	8,199,631	8,199,631	\$ -	\$ 8,678,860	\$ 8,678,860
2021	44,038,709	1,497,067	42,541,643	7,975,589	7,975,589	\$ -	\$ 7,946,693	\$ 7,946,693
2022	42,541,643	1,497,067	41,044,576	7,751,548	7,751,548	\$ -	\$ 7,839,684	\$ 7,839,684
2023	41,044,576	1,497,067	39,547,510	7,527,507	7,527,507	\$ -	\$ 7,645,106	\$ 7,645,106
2024	39,547,510	1,497,067	38,050,443	7,303,466	7,303,466	\$ -		
2025	38,050,443	1,497,067	36,553,376	7,079,425	7,079,425	\$ -		
2026	36,553,376	1,497,067	35,056,310	6,855,384	6,855,384	\$ -		
2027	35,056,310	1,497,067	33,559,243	6,631,343	6,631,343	\$ -		
2028	33,559,243	1,497,067	32,062,177	6,407,301	6,407,301	\$ -		
2029	32,062,177	1,497,067	30,565,110	6,183,260	6,183,260	\$ -		
2030	30,565,110	1,497,067	29,068,043	5,959,219	5,959,219	\$ -		
2031	29,068,043	1,497,067	27,570,977	5,735,178	5,735,178	\$ -		
2032	27,570,977	1,497,067	26,073,910	5,511,137	5,511,137	\$ -		
2033	26,073,910	1,497,067	24,576,843	5,287,096	5,287,096	\$ -		
2034	24,576,843	1,497,067	23,079,777	5,063,055	5,063,055	\$ -		
2035	23,079,777	1,497,067	21,582,710	4,839,014	4,839,014	\$ -		
2036	21,582,710	1,497,067	20,085,644	4,614,972	4,614,972	\$ -		
2037	20,085,644	1,497,067	18,588,577	4,390,931	4,390,931	\$ -		
2038	18,588,577	1,497,067	17,091,510	4,166,890	4,166,890	\$ -		
2039	17,091,510	1,497,067	15,594,444	3,942,849	3,942,849	\$ -		
2040	15,594,444	1,497,067	14,097,377	3,718,808	3,718,808	\$ -		
2041	14,097,377	1,497,067	12,600,311	3,494,767	3,494,767	\$ -		
2042	12,600,311	1,497,067	11,103,244	3,270,726	3,270,726	\$ -		
2043	11,103,244	1,497,067	9,606,177	3,046,684	3,046,684	\$ -		
2044	9,606,177	1,497,067	8,109,111	2,822,643	2,822,643	\$ -		
2045	8,109,111	1,497,067	6,612,044	2,598,602	2,598,602	\$ -		
2046	6,612,044	1,497,067	5,114,978	2,374,561	2,374,561	\$ -		
2047	5,114,978	1,497,067	3,617,911	2,150,520	2,150,520	\$ -		
2048	3,617,911	1,497,067	2,120,844	1,926,479	1,926,479	\$ -		
2049	2,120,844	1,497,067	623,778	1,702,438	1,702,438	\$ -		
2050	623,778	623,778	-	670,453	670,453	\$ -		
2051	-	-	-	-	-	\$ -		
2052	-	-	-	-	-	\$ -		
2053	-	-	-	-	-	\$ -		
2054	-	-	-	-	-	\$ -		
2055	-	-	-	-	-	\$ -		
2056	-	-	-	-	-	\$ -		
2057	-	-	-	-	-	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
2073	-	-	-	-	-	\$ -		
2074	-	-	-	-	-	\$ -		
Project Totals	52,397,331			192,889,793	192,889,793	-		

\*\* 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.

In order to calculate the proper monthly RTEP billing amount, PJM requires a 12 month revenue requirement for each RTEP project. As a result, notwithstanding the fact that the project was in service for a partial year, the project revenue requirement in the year that the project goes into service has been annualized (shown at the full-year level) so that PJM will collect the correct monthly billings.

Worksheet J - ATRR PROJECTED 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)

Current Projected Year ARR	398,326
Current Projected Year ARR w/ Incentive	398,326
Current Projected Year Incentive ARR	-

Project Description: RTEP ID: b1818 (Expand Allen w/second xfmr. And cut-in 138 kV double circuit tower line)

Details		2024
Investment	2,647,880	Current Year
Service Year (yyyy)	2017	ROE increase accepted by FERC (Basis Points)
Service Month (1-12)	12	FCR w/o incentives, less depreciation
Useful life	35	FCR w/incentives approved for these facilities, less dep.
CIAC (Yes or No)	No	Annual Depreciation Expense

CUMULATIVE HISTORY OF PROJECTED ANNUAL REVENUE REQUIREMENTS:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending 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 Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2017	2,647,880	75,654	2,647,880	396,264	396,264	\$ -	\$ 525,167	\$ 525,167
2018	2,647,880	75,654	2,572,227	466,257	466,257	\$ -	\$ 400,069	\$ 400,069
2019	2,572,227	75,654	2,496,573	454,935	454,935	\$ -	\$ 448,563	\$ 448,563
2020	2,496,573	75,654	2,420,919	443,613	443,613	\$ -	\$ 464,920	\$ 464,920
2021	2,420,919	75,654	2,345,266	432,292	432,292	\$ -	\$ 423,736	\$ 423,736
2022	2,345,266	75,654	2,269,612	420,970	420,970	\$ -	\$ 424,998	\$ 424,998
2023	2,269,612	75,654	2,193,958	409,648	409,648	\$ -	\$ 416,161	\$ 416,161
2024	2,193,958	75,654	2,118,304	398,326	398,326	\$ -		
2025	2,118,304	75,654	2,042,651	387,004	387,004	\$ -		
2026	2,042,651	75,654	1,966,997	375,682	375,682	\$ -		
2027	1,966,997	75,654	1,891,343	364,361	364,361	\$ -		
2028	1,891,343	75,654	1,815,689	353,039	353,039	\$ -		
2029	1,815,689	75,654	1,740,036	341,717	341,717	\$ -		
2030	1,740,036	75,654	1,664,382	330,395	330,395	\$ -		
2031	1,664,382	75,654	1,588,728	319,073	319,073	\$ -		
2032	1,588,728	75,654	1,513,075	307,751	307,751	\$ -		
2033	1,513,075	75,654	1,437,421	296,430	296,430	\$ -		
2034	1,437,421	75,654	1,361,767	285,108	285,108	\$ -		
2035	1,361,767	75,654	1,286,113	273,786	273,786	\$ -		
2036	1,286,113	75,654	1,210,460	262,464	262,464	\$ -		
2037	1,210,460	75,654	1,134,806	251,142	251,142	\$ -		
2038	1,134,806	75,654	1,059,152	239,820	239,820	\$ -		
2039	1,059,152	75,654	983,498	228,499	228,499	\$ -		
2040	983,498	75,654	907,845	217,177	217,177	\$ -		
2041	907,845	75,654	832,191	205,855	205,855	\$ -		
2042	832,191	75,654	756,537	194,533	194,533	\$ -		
2043	756,537	75,654	680,884	183,211	183,211	\$ -		
2044	680,884	75,654	605,230	171,889	171,889	\$ -		
2045	605,230	75,654	529,576	160,568	160,568	\$ -		
2046	529,576	75,654	453,922	149,246	149,246	\$ -		
2047	453,922	75,654	378,269	137,924	137,924	\$ -		
2048	378,269	75,654	302,615	126,602	126,602	\$ -		
2049	302,615	75,654	226,961	115,280	115,280	\$ -		
2050	226,961	75,654	151,307	103,958	103,958	\$ -		
2051	151,307	75,654	75,654	92,636	92,636	\$ -		
2052	75,654	75,654	-	81,315	81,315	\$ -		
2053	-	-	-	-	-	\$ -		
2054	-	-	-	-	-	\$ -		
2055	-	-	-	-	-	\$ -		
2056	-	-	-	-	-	\$ -		
2057	-	-	-	-	-	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
2073	-	-	-	-	-	\$ -		
2074	-	-	-	-	-	\$ -		
2075	-	-	-	-	-	\$ -		
2076	-	-	-	-	-	\$ -		
Project Totals		2,647,880		9,978,771	9,978,771	-		

\*\* 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.

In order to calculate the proper monthly RTEP billing amount, PJM requires a 12 month revenue requirement for each RTEP project. As a result, notwithstanding the fact that the project was in service for a partial year, the project revenue requirement in the year that the project goes into service has been annualized (shown at the full-year level) so that PJM will collect the correct monthly billings.

Worksheet J - ATRR PROJECTED 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)

Current Projected Year ARR	3,192,451
Current Projected Year ARR w/ Incentive	3,192,451
Current Projected Year Incentive ARR	-

Project Description: RTEP ID: b2833 (Reconductor Maddox Creed-East Lima 345kV circuit w 2-954 ACSS Cardinal cond)

Details			
Investment	20,354,073	Current Year	2024
Service Year (yyyy)	2019	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	6	FCR w/o incentives, less depreciation	14.97%
Useful life	35	FCR w/incentives approved for these facilities, less dep.	14.97%
CIAC (Yes or No)	No	Annual Depreciation Expense	581,545

CUMULATIVE HISTORY OF PROJECTED ANNUAL REVENUE REQUIREMENTS:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending 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 Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2019	20,354,073	290,772	20,063,300	3,315,071	3,315,071	-	\$ 355,700	\$ 355,700
2020	20,063,300	581,545	19,481,755	3,540,571	3,540,571	-	\$ 269,768	\$ 269,768
2021	19,481,755	581,545	18,900,210	3,453,541	3,453,541	-	\$ 2,933,749	\$ 2,933,749
2022	18,900,210	581,545	18,318,665	3,366,511	3,366,511	-	\$ 3,187,129	\$ 3,187,129
2023	18,318,665	581,545	17,737,121	3,279,481	3,279,481	-	\$ 3,316,364	\$ 3,316,364
2024	17,737,121	581,545	17,155,576	3,192,451	3,192,451	-		
2025	17,155,576	581,545	16,574,031	3,105,420	3,105,420	-		
2026	16,574,031	581,545	15,992,486	3,018,390	3,018,390	-		
2027	15,992,486	581,545	15,410,941	2,931,360	2,931,360	-		
2028	15,410,941	581,545	14,829,396	2,844,330	2,844,330	-		
2029	14,829,396	581,545	14,247,851	2,757,300	2,757,300	-		
2030	14,247,851	581,545	13,666,306	2,670,269	2,670,269	-		
2031	13,666,306	581,545	13,084,761	2,583,239	2,583,239	-		
2032	13,084,761	581,545	12,503,216	2,496,209	2,496,209	-		
2033	12,503,216	581,545	11,921,671	2,409,179	2,409,179	-		
2034	11,921,671	581,545	11,340,126	2,322,149	2,322,149	-		
2035	11,340,126	581,545	10,758,581	2,235,118	2,235,118	-		
2036	10,758,581	581,545	10,177,036	2,148,088	2,148,088	-		
2037	10,177,036	581,545	9,595,491	2,061,058	2,061,058	-		
2038	9,595,491	581,545	9,013,947	1,974,028	1,974,028	-		
2039	9,013,947	581,545	8,432,402	1,886,998	1,886,998	-		
2040	8,432,402	581,545	7,850,857	1,799,968	1,799,968	-		
2041	7,850,857	581,545	7,269,312	1,712,937	1,712,937	-		
2042	7,269,312	581,545	6,687,767	1,625,907	1,625,907	-		
2043	6,687,767	581,545	6,106,222	1,538,877	1,538,877	-		
2044	6,106,222	581,545	5,524,677	1,451,847	1,451,847	-		
2045	5,524,677	581,545	4,943,132	1,364,817	1,364,817	-		
2046	4,943,132	581,545	4,361,587	1,277,786	1,277,786	-		
2047	4,361,587	581,545	3,780,042	1,190,756	1,190,756	-		
2048	3,780,042	581,545	3,198,497	1,103,726	1,103,726	-		
2049	3,198,497	581,545	2,616,952	1,016,696	1,016,696	-		
2050	2,616,952	581,545	2,035,407	929,666	929,666	-		
2051	2,035,407	581,545	1,453,862	842,635	842,635	-		
2052	1,453,862	581,545	872,317	755,605	755,605	-		
2053	872,317	581,545	290,772	668,575	668,575	-		
2054	290,772	290,772	-	312,530	312,530	-		
2055	-	-	-	-	-	-		
2056	-	-	-	-	-	-		
2057	-	-	-	-	-	-		
2058	-	-	-	-	-	-		
2059	-	-	-	-	-	-		
2060	-	-	-	-	-	-		
2061	-	-	-	-	-	-		
2062	-	-	-	-	-	-		
2063	-	-	-	-	-	-		
2064	-	-	-	-	-	-		
2065	-	-	-	-	-	-		
2066	-	-	-	-	-	-		
2067	-	-	-	-	-	-		
2068	-	-	-	-	-	-		
2069	-	-	-	-	-	-		
2070	-	-	-	-	-	-		
2071	-	-	-	-	-	-		
2072	-	-	-	-	-	-		
2073	-	-	-	-	-	-		
2074	-	-	-	-	-	-		
2075	-	-	-	-	-	-		
2076	-	-	-	-	-	-		
2077	-	-	-	-	-	-		
2078	-	-	-	-	-	-		
Project Totals		20,354,073		75,183,091	75,183,091	-		

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

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In order to calculate the proper monthly RTEP billing amount, PJM requires a 12 month revenue requirement for each RTEP project. As a result, notwithstanding the fact that the project was in service for a partial year, the project revenue requirement in the year that the project goes into service has been annualized (shown at the full-year level) so that PJM will collect the correct monthly billings.

AEPTCo subsidiaries in PJM  
Cost of Service Formula Rate Using Actual/Projected FF1 Balances  
Worksheet L RESERVED  
AEP Ohio 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 Ohio Transmission 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	2,659,376,512	-	-	-	2,659,376,512
2	January	2,684,424,361	-	-	-	2,684,424,361
3	February	2,686,135,247	-	-	-	2,686,135,247
4	March	2,711,340,038	-	-	-	2,711,340,038
5	April	2,734,757,546	-	-	-	2,734,757,546
6	May	2,739,875,526	-	-	-	2,739,875,526
7	June	2,763,583,755	-	-	-	2,763,583,755
8	July	2,788,540,846	-	-	-	2,788,540,846
9	August	2,793,256,353	-	-	-	2,793,256,353
10	September	2,816,218,369	-	-	-	2,816,218,369
11	October	2,840,570,828	-	-	-	2,840,570,828
12	November	2,843,091,957	-	-	-	2,843,091,957
13	December of Rate Year	2,867,070,929	-	-	-	2,867,070,929
14	Average of the 13 Monthly Balances	2,763,710,944	-	-	-	2,763,710,944

Line No	Month (a)	Average Balance of Long Term Debt					Gross Proceeds Outstanding Long-Term Debt (g)=(b)-(c)+(d)+(e)-(f)
		Bonds (b)	Less: Recquired Bonds (c)	LT Advances from Assoc. Companies (d)	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	-	-	2,159,700,000	-	-	2,159,700,000
16	January	-	-	2,159,700,000	-	-	2,159,700,000
17	February	-	-	2,159,700,000	-	-	2,159,700,000
18	March	-	-	2,159,700,000	-	-	2,159,700,000
19	April	-	-	2,159,700,000	-	-	2,159,700,000
20	May	-	-	2,159,700,000	-	-	2,159,700,000
21	June	-	-	2,159,700,000	220,000,000	-	2,379,700,000
22	July	-	-	2,159,700,000	220,000,000	-	2,379,700,000
23	August	-	-	2,159,700,000	220,000,000	-	2,379,700,000
24	September	-	-	2,159,700,000	220,000,000	-	2,379,700,000
25	October	-	-	2,159,700,000	220,000,000	-	2,379,700,000
26	November	-	-	2,121,800,000	220,000,000	-	2,341,800,000
27	December of Rate Year	-	-	2,121,800,000	220,000,000	-	2,341,800,000
28	Average of the 13 Monthly Balances	-	-	2,153,869,231	118,461,538	-	2,272,330,769

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 Ohio Transmission Company

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

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
29	<b>Annual Interest Expense for 2024</b>						
30	Interest on Long Term Debt - Accts 221 - 224 (256-257.33.i)			93,434,217			
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	Amort of Loss on Reacquired Debt - Acct 428.1 (117.64.c)			-			
34	Less: Amort of Premium on Debt - Acct 429 (117.65.c)			-			
35	Less: Amort of Gain on Reacquired Debt - Acct 429.1 (117.66.c)			-			
36	<b>Total Interest Expense (Ln 30 - 31 + 32 + 33 - 34 - 35)</b>			93,434,217			
37	<b>Average Cost of Debt for 2024 (Ln 36/ In 28 (g))</b>			4.11%			

**CALCULATION OF HEDGE GAINS/LOSSES TO BE EXCLUDED FROM TCOS**

38 AEP Ohio 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	<b>Net (Gain)/Loss Hedge Amortization To Be Removed</b>	-	-	-	-

**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 / In 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 Ohio Transmission 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		<u>-</u>		<u>-</u>	

AEP/Co 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 Ohio Transmission Company

PBOP	(A)	(B)
1	<b><u>Calculation of PBOP Expenses</u></b>	
2	<b><u>AEP System PBOP Rate</u></b>	
3	Total AEP System PBOP expenses	-\$145,229,000
4	Base Year relating to retired personnel	\$0
5	Amount allocated on Labor	-\$145,229,000
6	Total AEP System Direct Labor Expense	\$1,538,155,000
7	AEP System PBOP expense per dollar of direct labor (PBOP Rate)	-\$0.094
8	Currently Approved PBOP Rate	-\$0.043
9	Base PBOP TransCo labor expensed in current year	\$14,480,000
10	Allowable TransCo PBOP Expense for current year (Ln 8 * Ln 9)	-\$623,000
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)	-\$2,413,000
15	Actual PBOP Expense (Sum Lines 11-14)	-\$2,413,000
16	PBOP Adjustment Line 10 less Line 15	\$1,790,000

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-recovery 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 1/1/2020**

**AEP Ohio Transmission Company**

	PLANT ACCT.	RATES Note 1
<b><i>TRANSMISSION PLANT</i></b>		
Electric Storage Equipment (4)	350.1	0.00%
Structures & Improvements	351.0	1.95%
Station Equipment	352.0	2.43%
Towers & Fixtures	353.0	2.27%
Poles & Fixtures	354.0	3.53%
OH Conductor & Devices	355.0	2.30%
Underground Conduit	356.0	2.59%
Underground Conductor	357.0	3.09%
<b><i>GENERAL PLANT</i></b>		
Structures & Improvements	390.0	2.65%
Office Furniture & Equipment	391.0	3.73%
Transportation Equipment	393.0	0.00%
Stores Equipment	394.0	4.43%
Tools Shop & Garage Equipment	395.0	4.59%
Laboratory Equipment	396.0	5.01%
Communication Equipment	394.0	4.87%
Miscellaneous Equipment	398.0	4.24%

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

<b><u>Composite Depreciation Rate</u></b>	<b><u>CSP</u></b>	<b><u>OPCo</u></b>	<b><u>TOTAL</u></b>
1 T-Plant (FF1 206.58.g)	619,883,849	1,164,351,684	1,784,235,533
2 T-Plant (FF1 206.58.b)	570,478,232	1,109,431,387	1,679,909,619
3 Average (Ln 1+ Ln 2)/2	595,181,041	1,136,891,536	1,732,072,576
4 Depreciation (FF1 336.7.f)	12,769,913	25,505,773	38,275,686
5 Composite Depreciation (Ln 3 / Ln 4)			<b>2.21%</b>

Note: AEP Ohio Transmission Company shall initially use the composite depreciation rate for APCo, I&M and KPCo shown above to estimate depreciation expense for transmission projects in worksheets J and K until a composite depreciation rate based on transmission plant in service and depreciation expenses recorded by AEP Ohio Transmission Company for its own transmission facilities can be calculated in AEP Ohio Transmission Company's the first Annual Update including a True-up TCOS.







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

Reconciliation Revenue Requirement For Year 2022 Available May 25, 2023 <b>\$726,373,567</b>	-	2022 Forecasted Revenue Requirement For Year 2022 <b>\$718,354,696</b>	=	True-up Adjustment - Over (Under) Recovery <b>(\$8,018,871)</b>
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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
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An over or under collection will be recovered prorata over 2022, held for 2023 and returned prorata over 2024

<u>Calculation of Interest</u>		<b>Monthly</b>				
January	Year 2022	(668,239)	0.4240%	12	34,000	702,239
February	Year 2022	(668,239)	0.4240%	11	31,167	699,406
March	Year 2022	(668,239)	0.4240%	10	28,333	696,573
April	Year 2022	(668,239)	0.4240%	9	25,500	693,739
May	Year 2022	(668,239)	0.4240%	8	22,667	690,906
June	Year 2022	(668,239)	0.4240%	7	19,833	688,073
July	Year 2022	(668,239)	0.4240%	6	17,000	685,239
August	Year 2022	(668,239)	0.4240%	5	14,167	682,406
September	Year 2022	(668,239)	0.4240%	4	11,333	679,573
October	Year 2022	(668,239)	0.4240%	3	8,500	676,739
November	Year 2022	(668,239)	0.4240%	2	5,667	673,906
December	Year 2022	(668,239)	0.4240%	1	2,833	671,073
					221,000	<b>8,239,872</b>

January through December	Year 2023	8,239,872	0.4240%	12	419,245	<b>8,659,116</b>
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<u>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</u>		<b>Monthly</b>					
January	Year 2024	<b>(8,659,116)</b>	0.4240%		36,715	(741,634)	7,954,196
February	Year 2024	(7,954,196)	0.4240%		33,726	(741,634)	7,246,288
March	Year 2024	(7,246,288)	0.4240%		30,724	(741,634)	6,535,378
April	Year 2024	(6,535,378)	0.4240%		27,710	(741,634)	5,821,453
May	Year 2024	(5,821,453)	0.4240%		24,683	(741,634)	5,104,502
June	Year 2024	(5,104,502)	0.4240%		21,643	(741,634)	4,384,511
July	Year 2024	(4,384,511)	0.4240%		18,590	(741,634)	3,661,467
August	Year 2024	(3,661,467)	0.4240%		15,525	(741,634)	2,935,357
September	Year 2024	(2,935,357)	0.4240%		12,446	(741,634)	2,206,168
October	Year 2024	(2,206,168)	0.4240%		9,354	(741,634)	1,473,888
November	Year 2024	(1,473,888)	0.4240%		6,249	(741,634)	738,503
December	Year 2024	(738,503)	0.4240%		3,131	(741,634)	0
					240,496		

True-Up Adjustment with Interest	8,899,613
Less Over (Under) Recovery	(8,018,871)
<b>Total Interest</b>	<b>880,741</b>

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.

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

Reconciliation Revenue Requirement For Year 2022 Available May 25, 2023	-	2022 Forecasted Revenue Requirement For Year 2022	=	True-up Adjustment - Over (Under) Recovery
\$44,528,505		\$44,193,176		(\$335,329)

Interest Rate on Amount of Refunds or Surcharges (Note 1)	Over (Under) Recovery Plus Interest	Average Monthly Interest Rate	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed
		0.4240%				
<b>An over or under collection will be recovered prorata over 2022, held for 2023 and returned prorata over 2024</b>						
<b>Calculation of Interest</b>				<b>Monthly</b>		
January	Year 2022	(27,944)	0.4240%	12	1,422	29,366
February	Year 2022	(27,944)	0.4240%	11	1,303	29,247
March	Year 2022	(27,944)	0.4240%	10	1,185	29,129
April	Year 2022	(27,944)	0.4240%	9	1,066	29,010
May	Year 2022	(27,944)	0.4240%	8	948	28,892
June	Year 2022	(27,944)	0.4240%	7	829	28,773
July	Year 2022	(27,944)	0.4240%	6	711	28,655
August	Year 2022	(27,944)	0.4240%	5	592	28,537
September	Year 2022	(27,944)	0.4240%	4	474	28,418
October	Year 2022	(27,944)	0.4240%	3	355	28,300
November	Year 2022	(27,944)	0.4240%	2	237	28,181
December	Year 2022	(27,944)	0.4240%	1	118	28,063
					9,242	<b>344,571</b>
January through December	Year 2023	344,571	0.4240%	12	17,532	<b>362,103</b>
<b>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</b>				<b>Monthly</b>		
January	Year 2024	<b>(362,103)</b>	0.4240%		1,535	(31,013)
February	Year 2024	(332,625)	0.4240%		1,410	(31,013)
March	Year 2024	(303,022)	0.4240%		1,285	(31,013)
April	Year 2024	(273,293)	0.4240%		1,159	(31,013)
May	Year 2024	(243,439)	0.4240%		1,032	(31,013)
June	Year 2024	(213,458)	0.4240%		905	(31,013)
July	Year 2024	(183,349)	0.4240%		777	(31,013)
August	Year 2024	(153,113)	0.4240%		649	(31,013)
September	Year 2024	(122,749)	0.4240%		520	(31,013)
October	Year 2024	(92,256)	0.4240%		391	(31,013)
November	Year 2024	(61,634)	0.4240%		261	(31,013)
December	Year 2024	(30,882)	0.4240%		131	(31,013)
					10,057	
True-Up Adjustment with Interest						372,160
Less Over (Under) Recovery						(335,329)
Total Interest						<b>36,830</b>

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.

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

Reconciliation Revenue Requirement For Year 2022 Available May 25, 2023	-	2022 Collections	=	True-up Adjustment - Over (Under) Recovery
\$1,107,551		\$1,906,508		\$798,957

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	
An over or under collection will be recovered prorata over 2022, held for 2023 and returned prorata over 2024							
<b>Calculation of Interest</b>				<b>Monthly</b>			
January	Year 2022	66,580	0.4240%	12	(3,388)	(69,967)	
February	Year 2022	66,580	0.4240%	11	(3,105)	(69,685)	
March	Year 2022	66,580	0.4240%	10	(2,823)	(69,403)	
April	Year 2022	66,580	0.4240%	9	(2,541)	(69,120)	
May	Year 2022	66,580	0.4240%	8	(2,258)	(68,838)	
June	Year 2022	66,580	0.4240%	7	(1,976)	(68,556)	
July	Year 2022	66,580	0.4240%	6	(1,694)	(68,274)	
August	Year 2022	66,580	0.4240%	5	(1,411)	(67,991)	
September	Year 2022	66,580	0.4240%	4	(1,129)	(67,709)	
October	Year 2022	66,580	0.4240%	3	(847)	(67,427)	
November	Year 2022	66,580	0.4240%	2	(565)	(67,144)	
December	Year 2022	66,580	0.4240%	1	(282)	(66,862)	
					(22,019)	<b>(820,977)</b>	
Annual					(41,771)	<b>(862,748)</b>	
January through December	Year 2023	(820,977)	0.4240%	12			
<b>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</b>				<b>Monthly</b>			
January	Year 2024	<b>862,748</b>	0.4240%		(3,658)	73,892	(792,513)
February	Year 2024	792,513	0.4240%		(3,360)	73,892	(721,981)
March	Year 2024	721,981	0.4240%		(3,061)	73,892	(651,150)
April	Year 2024	651,150	0.4240%		(2,761)	73,892	(580,018)
May	Year 2024	580,018	0.4240%		(2,459)	73,892	(508,585)
June	Year 2024	508,585	0.4240%		(2,156)	73,892	(436,849)
July	Year 2024	436,849	0.4240%		(1,852)	73,892	(364,809)
August	Year 2024	364,809	0.4240%		(1,547)	73,892	(292,463)
September	Year 2024	292,463	0.4240%		(1,240)	73,892	(219,811)
October	Year 2024	219,811	0.4240%		(932)	73,892	(146,850)
November	Year 2024	146,850	0.4240%		(623)	73,892	(73,580)
December	Year 2024	73,580	0.4240%		(312)	73,892	(0)
					(23,962)		
True-Up Adjustment with Interest						(886,710)	
Less Over (Under) Recovery						798,957	
Total Interest						(87,752)	

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.