For Twelve Months Ended 2020

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

AEP Ohio Transmission Company

Line No.			Total	Allocator		Transmission Amount
1	REVENUE REQUIREMENT (w/o incentives)	(ln 113)				$584,967,184
2	REVENUE CREDITS	(Worksheet E, ln 8) (Note A)	7,124,695	DA	1.00000	$ 7,124,695
3	Facility Credits under PJM OATT Section 30.9	Worksheet E, ln 9) (Note X)				$ 1,334,508
4	REVENUE REQUIREMENT For All Company Facilities	(ln 1 less ln 2 plus ln 3)				$ 579,176,997

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

5	Revenue Requirement for PJM Schedule 12 Facilities (w/o incentives) (Worksheet J/K)		42,298,747	DA	1.00000	$ 42,298,747
6	NET PLANT CARRYING CHARGE w/o intra-AEP charges or credits or ROE incentives (Note B)					
7	Annual Rate	((ln 1- ln 80)/((ln 33) x 100))				17.21%
8	Monthly Rate	(ln 7 / 12)				1.43%
9	NET PLANT CARRYING CHARGE ON LINE 7 , w/o depreciation or ROE incentives (Note B)					
10	Annual Rate	((ln 1- ln 80 - ln 83)/((ln 33) x 100))				14.29%
11	NET PLANT CARRYING CHARGE ON LINE 10, w/o Return, income taxes or ROE incentives (Note B)					
12	Annual Rate	((ln 1 - ln 80 - ln 83 - ln 108 - ln 109) /((ln 33) x 100))				6.30%
13	ADDITIONAL REVENUE REQUIREMENT for projects w/ incentive ROE's (Note B) (Worksheet J/K)					-
14	**REVENUE REQUIREMENT FOR SCHEDULE 1A CHARGES**					
15	Total Load Dispatch & Scheduling (Account 561)	Line 63 Below				1,247,436
16	Less: Load Dispatch - Scheduling, System Control and Dispatch Services (321.88.b)					11
17	Less: Load Dispatch - Reliability, Planning & Standards Development Services (321.92.b)					-
18	Total 561 Internally Developed Costs	(Line 15 - Line 16 - Line 17)				1,247,424

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Line No.	(1) RATE BASE CALCULATION	(2) Data Sources (See "General Notes")	(3) TO Total NOTE C	(4) Allocator		(5) Total Transmission
	GROSS PLANT IN SERVICE					
19	Transmission	(Worksheet A ln 14.(d) & Ln 117)	3,690,481,220	DA	1.00000	3,690,481,220
20	Less: Transmission ARO (Enter Negative)	(Worksheet A ln 14.(e))	-	TP	1.00000	-
21	General Plant	(Worksheet A ln 14.(h))	146,910,895	W/S	1.00000	146,910,895
22	Less: General Plant ARO (Enter Negative)	(Worksheet A ln 14.(i))	-	W/S	1.00000	-
23	Intangible Plant	(Worksheet A ln 14.(j))	38,367,125	W/S	1.00000	38,367,125
24	TOTAL GROSS PLANT	(Sum of Lines: 19 to 23)	3,875,759,241	**GP=**	**1.000000**	3,875,759,241
				GTD=	**1.00000**	
25	ACCUMULATED DEPRECIATION AND AMORTIZATION					
26	Transmission	(Worksheet A ln 28.(d) & Ln 43.(b))	292,192,533	**TP1=**	1.00000	292,192,533
27	Less: Transmission ARO (Enter Negative)	(Worksheet A ln 28.(e))	-	**TP1=**	1.00000	-
28	General Plant	(Worksheet A ln 28.(h))	7,412,752	W/S	1.00000	7,412,752
29	Less: General Plant ARO (Enter Negative)	(Worksheet A ln 28.(i))	-	W/S	1.00000	-
30	Intangible Plant	(Worksheet A ln 28.(j))	12,728,648	W/S	1.00000	12,728,647.91
31	TOTAL ACCUMULATED DEPRECIATION	(Sum of Lines: 26 to 30)	312,333,933			312,333,933
32	NET PLANT IN SERVICE					
33	Transmission	(ln 19 + ln 20 - ln 26 - ln 27)	3,398,288,687			3,398,288,687
34	General Plant	(ln 21 + ln 22 - ln 28 - ln 29)	139,498,143			139,498,143
35	Intangible Plant	(ln 23 - ln 30)	25,638,477			25,638,477
36	TOTAL NET PLANT IN SERVICE	(Sum of Lines: 33 to 35)	3,563,425,307	**NP=**	**1.000000**	3,563,425,307
37	DEFERRED TAX ADJUSTMENTS TO RATE BASE	(Note D)				
38	Account No. 281.1 (enter negative)	(Worksheet B, ln 2 & ln 5.E)	-	NA		-
39	Account No. 282.1 (enter negative)	(Worksheet B, ln 7 & ln 10.E)	(516,111,916)	DA		(516,111,916)
40	Account No. 283.1 (enter negative)	(Worksheet B, ln 12 & ln 15.E)	(1,487,813)	DA		(1,487,813)
41	Account No. 190.1	(Worksheet B, ln 17 & ln 20.E)	2,062,303	DA		2,062,303
42	Account No. 255 (enter negative)	(Worksheet B, ln 24 & ln 25.E)	-	DA		-
43	TOTAL ADJUSTMENTS	(sum lns 38 to 42)	(515,537,426)			(515,537,426)
44	PLANT HELD FOR FUTURE USE	(Worksheet A ln 44.(e)) ln 45.(e))	-	DA		-
45	REGULATORY ASSETS	(Worksheet A ln 51.(e))	-	DA		-
46	UNFUNDED RESERVES (ENTER NEGATIVE) (NOTE Y	(Worksheet A ln 54.(e))	-	W/S	1.00000	-
47	WORKING CAPITAL	(Note E)				
48	Cash Working Capital	(1/8 * ln 66)	3,240,023			3,240,023
49	Transmission Materials & Supplies	(Worksheet C, ln 2.(F))	164,838	TP	1.00000	164,838
50	A&G Materials & Supplies	(Worksheet C, ln 3.(F))	356	W/S	1.00000	356
51	Stores Expense	(Worksheet C, ln 4.(F))	-	GP	1.00000	-
52	Prepayments (Account 165) - Labor Allocated	(Worksheet C, ln 8.(G))	-	W/S	1.00000	-
53	Prepayments (Account 165) - Gross Plant	(Worksheet C, ln 8.(F))	2,497,548	GP	1.00000	2,497,548
54	Prepayments (Account 165) - Transmission Only	(Worksheet C, ln 8.(E))	-	DA	1.00000	-
55	Prepayments (Account 165) - Unallocable	(Worksheet C, ln 8.(D))	-	NA	0.00000	-
56	TOTAL WORKING CAPITAL	(sum lns 48 to 55)	5,902,765			5,902,765
57	IPP CONTRIBUTIONS FOR CONSTRUCTION	(Note F) (Worksheet D, ln 8.B)	-	DA	1.00000	-
58	RATE BASE (sum lns 36, 43, 44, 45, 46, 56, 57)		3,053,790,646			3,053,790,646

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AEP Ohio Transmission Company

Line No.	(1) EXPENSE, TAXES, RETURN & REVENUE REQUIREMENTS CALCULATION	(2) Data Sources (See "General Notes")	(3) TO Total	(4) Allocator		(5) Total Transmission
	OPERATION & MAINTENANCE EXPENSE					
59	Customer Related Expense	322 & 323.164,171,178.b	-			
60	Regional Marketing Expenses	322.131.b	-			
61	Transmission	321.112.b	27,167,623			
62	TOTAL O&M EXPENSES	(sum lns 59 to 61)	27,167,623			
63	Less: Total Account 561	(Note G) (Worksheet F, ln 14.C)	1,247,436			
64	Less: Account 565	(Note H) 321.96.b	-			
65	Less: Regulatory Deferrals & Amortizations	(Note I) (Worksheet F, ln 4.C)	-			
66	Total O&M Allocable to Transmission	(lns 61 - 63 - 64 - 65)	25,920,187	TP	1.00000	25,920,187
67	Administrative and General	323.197.b (Notes J & M)	16,433,722			
68	Less: Acct. 924, Property Insurance	323.185.b	838,452			
69	Acct. 928, Reg. Com. Exp.	323.189.b	107,531			
70	Acct. 930.1, Gen. Advert. Exp.	323.191.b	457			
71	Acct. 930.2, Misc. Gen. Exp.	323.192.b	224,530			
72	Balance of A & G	(ln 67 - sum ln 68 to ln 71)	15,262,752	W/S	1.00000	15,262,752
73	Plus: Acct. 924, Property Insurance	(ln 68)	838,452	GP(h)	1.00000	838,452
74	Acct. 928 - Transmission Specific	Worksheet F ln 21.(E) (Note L)	105,206	TP	1.00000	105,206
75	Acct 930.1 - Only safety related ads -Direct	Worksheet F ln 38.(E) (Note L)	-	TP	1.00000	-
76	Acct 930.2 - Misc Gen. Exp. - Trans	Worksheet F ln 43.(E) (Note L)	1,503	DA	1.00000	1,503
77	PBOP Adjustment	Worksheet O Ln 16.(B), (Note K & M)	1,213,432	W/S	1.00000	1,213,432
78	A & G Subtotal	(sum lns 72 to 77)	17,421,345			17,421,345
79	O & M EXPENSE SUBTOTAL	(ln 66 + ln 78)	43,341,533			43,341,533
80	Plus: Transmission Lease Payments To Affiliates in Acct 565	(Company Records) (Note H)	-	DA	1.00000	-
81	TOTAL O & M EXPENSE	(ln 79 + ln 80)	43,341,533			43,341,533
82	DEPRECIATION AND AMORTIZATION EXPENSE					
83	Transmission	336.7.f	99,394,000	TP1	1.00000	99,394,000
84	General	336.10.f	3,756,944	W/S	1.00000	3,756,944
85	Intangible	336.1.f	6,594,980	W/S	1.00000	6,594,980
86	TOTAL DEPRECIATION AND AMORTIZATI0N	(Ln 83+84+85)	109,745,924			109,745,924
87	TAXES OTHER THAN INCOME	(Note N)				
88	Labor Related					
89	Payroll	Worksheet H ln 23.(D)	-	W/S	1.00000	-
90	Plant Related					
91	Property	Worksheet H-p2 ln 3.(C) & ln 3.(G)	159,461,876	DA	1.00000	159,461,876
92	Gross Receipts/Sales & Use	Worksheet H ln 23.(F)	139	NA	0.00000	-
93	Other	Worksheet H ln 23.(E)	863,482	GP	1.00000	863,482
94	TOTAL OTHER TAXES	(sum lns 89 to 93)	160,325,497			160,325,358
95	INCOME TAXES	(Note O)				
96	T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =		21.18%			
97	EIT=(T/(1-T)) * (1-(WCLTD/WACC)) =		20.20%			
98	where WCLTD=(ln 136) and WACC = (ln 139)					
99	and FIT, SIT & p are as given in Note O.					
100	GRCF=1 / (1 - T) = (from ln 96)		1.2687			
101	Amortized Investment Tax Credit (enter negative)	(FF1 p.114, ln 19.c)	-			
102	Excess Deferred Income Tax	(Note T)	3,450	NP(h)	1.00000	3,450
103	Tax Effect of Permanent and Flow-Through Differences	(Note T)	902,235	NP(h)	1.00000	902,235
104	Income Tax Calculation	(ln 97 * ln 109)	45,445,979			45,445,979
105	ITC adjustment	(ln 100 * ln 101)	-	NP(h)	1.00000	-
106	Excess Deferred Income Tax	(ln 100 * ln 102)	4,377			4,377
107	Tax Effect of Permanent and Flow-Through Differences	(ln 100 * ln 103)	1,144,702			1,144,702
108	TOTAL INCOME TAXES	(sum lns 104 to 107)	46,595,059			46,595,059
109	RETURN ON RATE BASE (Rate Base*WACC)	(ln 58 * ln 139)	224,959,311			224,959,311
110	INTEREST ON IPP CONTRIBUTION FOR CONST.	(Note F) (Worksheet D, ln 2.(B))	-	DA	1.00000	-
111	(Gains) / Losses on Sales of Plant Held for Future Use	(Worksheet N, ln 4, Cols. ((F) & (H))	-			-
112	Tax Impact on Net Loss / (Gain) on Sales of Plant Held for Future Use	(ln 111 * ln97)	-			-
113	TOTAL REVENUE REQUIREMENT (sum lns 81, 86, 94, 108, 109, 110, 111, 112)		584,967,323			584,967,184

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SUPPORTING CALCULATIONS

In No.									
	TRANSMISSION PLANT INCLUDED IN PJM TARIFF								
114	Total transmission plant	(ln 19)							3,690,481,220
115	Less transmission plant excluded from PJM Tariff (Worksheet A, ln 42.(d)) (Note P)								-
116	Less transmission plant included in OATT Ancillary Services (Worksheet A, ln 42, Col. (b)) (Note Q)								-
117	Transmission plant included in PJM Tariff	(ln 114 - ln 115 - ln 116)							3,690,481,220
118	Percent of transmission plant in PJM Tariff	(ln 117 / ln 114)						**TP=**	**1.00000**
				Payroll Billed from					
119	WAGES & SALARY ALLOCATOR (W/S)	(Note R)	Direct Payroll	AEP Service Corp.	Total				
120	*Line Deliberately Left Blank*								
121	Transmission	354.21.b	-	12,390,956	12,390,956	TP	1.00000		12,390,956
122	Regional Market Expenses	354.22.b	-	-	-	NA	0.00000		-
123	*Line Deliberately Left Blank*								
124	Other (Excludes A&G)	354.24,25,26.b	-	-	-	NA	0.00000		-
125	Total	(sum lns 121, 122, & 124)	-	12,390,956	12,390,956				12,390,956
126	Transmission related amount							**W/S=**	**1.00000**
	Actual (Uncapped) Capital Structure								
127	WEIGHTED AVERAGE COST OF CAPITAL (WACC)								$
128	Long Term Interest	(Worksheet M, ln.36, col.(d))							**62,334,457**
129	Preferred Dividends	(Worksheet M, ln. 45, col.(d))							-
130	Development of Common Stock:								
131	Proprietary Capital	(Worksheet M, ln. 14, col.(b))							1,823,512,742
132	Less: Preferred Stock	(Worksheet M, ln. 14, col.(c))							-
133	Less: Account 216.1	(Worksheet M, ln. 14, col.(d))							-
134	Less: Account 219	(Worksheet M, ln. 14, col.(e))							-
135	Common Stock	(ln 131 - ln 132 - ln 133 - ln 134)							1,823,512,742
				Capital Structure Percentages			Cost		
				$	%	Cap Limit	(Note S)		Weighted
136	Long Term Debt (Note S) Worksheet M, ln 28, col. (g), ln 37, col. (d))			1,584,700,000	46.50%	46.50%	3.93%		0.0183
137	Preferred Stock (ln 132)			-	0.00%	0.00%	0.00%		0.0000
138	Common Stock (ln 135)			1,823,512,742	53.50%	53.50%	10.35%		0.0554
139	Total (Sum lns 136 to 138)			3,408,212,742	100.00%			**WACC=**	**0.0737**
140	Capital Structure Equity Limit (Note Z)		55.00%						

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Letter	Notes
	General Notes: a) References to data from Worksheets are indicated as: Worksheet X, Line#.Column.X
A	Revenue credits include: 1) Forfeited Discounts. 2) Miscellaneous Service Revenues. 3) Rental revenues earned on assets included in the rate base. 4) Revenues for associated business projects provided by employees whose labor and overhead costs are in the transmission cost of service. 5) Other electric revenues. 6) Revenues for grandfathered PTP contracts included in the load divisor. 7) If AEP Transmission Companies have any directly assigned transmission facilities, the revenue credits in the formula rate shall include all revenues associated with those directly assigned transmission facilities, irrespective of whether the loads of the customer are included in the formula rate divisor; provided however, such addition to revenue credits shall not be reflected if the costs of such directly assigned transmission facilities are not included in the transmission plant balances on which the formula rate ATRR is based. See Worksheet E for details.
B	The annual and monthly net plant carrying charges on page 1 are used to compute the revenue requirement for RTEP sponsored upgrades or those projects receiving approved incentive-ROE's. Interest will be calculated based on Worksheet R and any over under recovery will be filed and posted as part of the informational filing.
C	Transmission Plant Balances in this study are projected or actual average 13 month balances.
D	The total-company balances shown for Accounts 281, 282, 283, 190 only reflect ADIT that relates to utility operations. The balance of Account 255 is reduced by prior flow throughs and is completely excluded if the utility chose to utilize amortization of tax credits against FIT expense. An exception to this is pre-1971 ITC balances, which are required to be taken as an offset to rate base. Account 281 is not allocated. In compliance with FERC Rulemaking RM02-7-000, Asset Retirement Obligation deferrals have been removed from ratebase. Transmission ADIT allocations are shown on WS B. In compliance with FERC Rulemaking the calculation of ADIT in the annual projection will be performed in accordance with IRS regulation Section 1.167(l)-l(h)(6)(ii). Detailed balances for the projected or actual period, distinguished between utility and non-utility balances, will be filed and posted as part of the informational filing. The company will not include the ADIT portion of deferred hedge gains and losses in rate base.
E	Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission, as shown on line 66. It excludes: 1) Load Scheduling & Dispatch Charges in account 561 that are collected in the OATT Ancilliary Services Revenue, as shown on line 63. 2) Costs of Transmission of Electricity by Others, as described in Note H. 3) The impact of state regulatory deferrals and amortizations, as shown on line 65 4) All A&G Expenses, as shown on line 78.
F	Consistent with Paragraph 657 of Order 2003-A, the amount on line 57 is equal to the balance of IPP System Upgrade Credits owed to transmission customers that made contributions toward the construction of System upgrades, and includes accrued interest and unreturned balance of contributions. The annual interest expense is included on line 110.
G	Removes from the cost of service the Load Scheduling and Dispatch expenses booked to accounts 561.1 through 561.8. Expenses recorded in these accounts, with the exception of 561.4 & 561.8 (lines 16 & 17 above) are recovered in Schedule 1A, OATT ancillary services rates. See Worksheet F, lines 5 through 14, for descriptions and the Form 1 Source of these accounts' balances.
H	Removes cost of transmission service provided by others to determine the basis of cash working capital on line 66. To the extent such service is incurred to provide the PJM service at issue, e.g. lease payments to affiliates, such costs are added back on line 80 to determine the total O&M collected in the formula. The amounts on line80 is also excluded in the calculation of the FCR percentage calculated on lines 6 through 12. The addbacks on line80 of activity recorded in 565 represents inter-company sales or purchases of transmission capacity necessary to meet each AEP company's transmission load relative to their available transmission capacity. The company records referenced on line80 is the AEP 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, 266.8.f) (ln 101) multiplied by (1/1-T) . If the applicable tax rates are zero enter 0. Inputs Required: FIT = 21.00% SIT= 0.23% (State Income Tax Rate or Composite SIT. Worksheet G)) p = 0.00% (percent of federal income tax deductible for state purposes)
P	The formula rate shall reflect the applicable state and federal statutory tax rates in effect during the period the calculated estimated unit charges are applicable. If the statutory tax rates change during such period, the effective tax rates used in the formula shall be weighted by the number of days the pre-ochange rate and post-change rate each is in effect. Removes plant excluded from the OATT because it does not meet the PJM's definition of Transmission Facilities or is otherwise ineligible to be recovered under the OATT.
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 (ln 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.
T	Excess / (Deficit) Deferred Income Taxes will be amortized over the average remaining life of the assets to which it relates, unless the Commission requires a different amortization period. The Tax Effect of Permanent Differences captures the differences in the income taxes due under the Federal and State tax calculations that are not the result of a timing difference, including but not limited to depreciation related to capitalized AFUDC equity and meals and entertainment deductions. The Tax Effect of Flow-Through differences captures current tax expense related to timing differences on items for which tax deductions were used to reduce customer rates through the use of flow-through accounting in a prior period. Transmission balances for the projected or actual period, will be filed and posted as part of the informational filing.
U	Cash investment in prepaid pension and benefits recorded in FERC Account 165 is permitted to be included in the formula. A labor expense allocation factor will be used to allocate total company costs. All
V	The formula rate shall allocate property tax expense based on the as filed net plant cost allocation method detailed on Worksheet H.
W	AEP Transmission Companies will record depreciation expense using composites of the depreciation rates shown on Worksheet P which rates will not be changed absent a Section 205 or 206 filing at FERC to seek a change in depreciation rates. No other changes to the formula rate may be included in that filing.
X	Under Section 30.9 of the PJM OATT, a network customer that owns existing transmission facilities that are integrated with the Transmission Provider's Transmission System may be eligible to receive consideration either through a billing credit or some other mechanism. Calculation of any credit under this subsection, pursuant to approval by FERC for inclusion in this formula rate for collection on behalf of the network customer, shall be addressed in either the Network Customer's Service Agreement or any other agreement between the parties.
Y	The cost of service will make a rate base adjustment to remove unfunded reserves associated with contingent liabilities recorded to Accounts 228.1-228.4 from rate base.
Z	Per the settlement in EL17-13, equity is limited to 55% 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

Line No	Month (a)	Gross Plant In Service				
		Transmission (d)	Transmission ARO (e)	General (h)	General ARO (i)	Intangible (j)
	(Note A)	FF1, page 207 Col.(g) & pg. 206 Col. (b), ln 58	FF1, page 207 Col.(g) & pg. 206 Col. (b), ln 57	FF1, page 207 Col.(g) & pg. 206 Col. (b), ln 99	FF1, page 207 Col.(g) & pg. 206 Col. (b), ln 98	FF1, page 205 Col.(g) & pg. 204 Col. (b), ln 5
1	December Prior to Rate Year	3,406,844,302	-	140,723,161	-	35,427,338
2	January	3,416,230,315	-	140,874,586	-	35,528,837
3	February	3,474,637,937	-	141,280,297	-	35,993,170
4	March	3,542,505,075	-	146,945,119	-	35,618,515
5	April	3,565,891,420	-	147,167,454	-	36,235,232
6	May	3,606,046,202	-	147,160,822	-	36,703,853
7	June	3,668,319,814	-	149,262,438	-	38,809,605
8	July	3,732,961,234	-	149,301,229	-	39,430,346
9	August	3,787,395,209	-	149,284,960	-	40,360,845
10	September	3,825,164,230	-	149,293,871	-	40,281,873
11	October	3,919,433,133	-	149,337,300	-	40,765,177
12	November	3,945,424,481	-	149,381,485	-	41,549,179
13	December of Rate Year	4,085,402,509	-	149,828,920	-	42,068,658
14	Average of the 13 Monthly Balances	3,690,481,220	-	146,910,895	-	38,367,125

Line No	Month (a)	Accumulated Depreciation				
		Transmission (d)	Transmission ARO (e)	General (h)	General ARO (i)	Intangible (j)
	(Note A)	FF1, page 219, ln 25, Col. (b)	Company Records (Included in total in Column (d))	FF1, page 219, ln 28, Col. (b)	Company Records (Included in total in Column (h))	FF1, page 200, ln 21, Col. (b)
15	December Prior to Rate Year	243,914,306	-	5,534,124	-	11,011,580
16	January	250,763,275	-	5,842,802	-	11,517,760
17	February	257,927,468	-	6,155,378	-	12,025,359
18	March	268,512,527	-	6,468,727	-	11,480,582
19	April	276,031,977	-	6,782,208	-	11,989,444
20	May	283,575,676	-	7,096,370	-	12,508,566
21	June	291,217,982	-	7,414,904	-	12,483,580
22	July	299,073,256	-	7,729,183	-	13,045,607
23	August	307,095,732	-	8,043,612	-	13,617,980
24	September	315,307,132	-	8,358,013	-	13,410,128
25	October	323,534,082	-	8,672,436	-	13,996,690
26	November	336,606,375	-	8,976,954	-	14,591,307
27	December of Rate Year	344,943,144	-	9,291,068	-	13,793,838
28	Average of the 13 Monthly Balances	292,192,533	-	7,412,752	-	12,728,648

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) (Note A)	OATT Ancillary Services (GSU) Plant In Service (b) Company Records (included in total in column (d) of gross plant above)	OATT Ancillary Services (GSU) Accumulated Depreciation (c) Company Records (included in total in column (d) of accumulated depreciation above)	Excluded Plant - Plant In Service (d) Company Records	Excluded Plant - Accumulated Depreciation (e) Company Records
29	December Prior to Rate Year	-	-	-	-
30	January	-	-	-	-
31	February	-	-	-	-
32	March	-	-	-	-
33	April	-	-	-	-
34	May	-	-	-	-
35	June	-	-	-	-
36	July	-	-	-	-
37	August	-	-	-	-
38	September	-	-	-	-
39	October	-	-	-	-
40	November	-	-	-	-
41	December of Rate Year	-	-	-	-
42	Average of the 13 Monthly Balances	-	-	-	-

43	Transmission Accumulated Depreciation net of GSU	292,192,533

	Plant Held For Future Use	Source of Data	Balance @ December 31, 2020	Balance @ December 31, 2019	Average Balance for 2020
	(a)	(b)	(c)	(d)	(e)
44	**Plant Held For Future Use**	FF1, page 214, ln 47, Col. (d)	-	-	-
45	**Transmission Plant Held For Future Use (Included in total on line 4**	Company Records - Note 1	-	-	-

Regulatory Assets and Liabilities Approved for Recovery In Ratebase

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

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

Unfunded Reserves Summary (Company Records)

	Description	Account
52		

AEPTCo subsidiaries in PJM
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet A Rate Base
AEP 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 unamoritzed balance of hedging gains or losses.

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

Line Number	(A) Description	(B) Source	(C) Balance @ December 31, 2020	(D) Balance @ December 31, 2019	(E) Average Balance for 2020
1	**Account 281**				
2	Year End Utility Deferrals	FF1, p. 272 - 273, ln 8, Col. (k)	-	-	-
3	Less: ARO Related Deferrals	WS B-1 - Actual Stmt. AF Ln. 4 (Note 1)	-	-	-
4	Less: Other Excluded Deferrals	WS B-1 - Actual Stmt. AF Ln. 3 (Note 1)	-	-	-
5	Transmission Related Deferrals	Ln 2 - ln 3 - ln 4	-	-	-
6	**Account 282**				
7	Year End Utility Deferrals	FF1, p. 274 - 275, ln 5, Col. (k)	528,406,946	503,816,886	516,111,916
8	Less: ARO Related Deferrals	WS B-1 - Actual Stmt. AF Ln. 7 (Note 1)	-	-	-
9	Less: Other Excluded Deferrals	WS B-1 - Actual Stmt. AF Ln. 6 (Note 1)	-	-	-
10	Transmission Related Deferrals	Ln 7 - ln 8 - ln 9	528,406,946	503,816,886	516,111,916
11	**Account 283**				
12	Year End Utility Deferrals	FF1, p. 276 - 277, ln 9, Col. (k)	2,333,640	641,986	1,487,813
13	Less: ARO Related Deferrals	WS B-1 - Actual Stmt. AF Ln. 13 (Note 1)	-	-	-
14	Less: Other Excluded Deferrals	WS B-1 - Actual Stmt. AF Ln. 12 (Note 1)	-	-	-
15	Transmission Related Deferrals	Ln 12 - ln 13 - ln 14	2,333,640	641,986	1,487,813
16	**Account 190**				
17	Year End Utility Deferrals	FF1, p. 234, ln 8, Col. (c)	2,237,585	1,887,020	2,062,303
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)	-	-	-
20	Transmission Related Deferrals	Ln 17 - ln 18 - ln 19	2,237,585	1,887,020	2,062,303
21	**Account 255**				
22	Year End ITC Balances	FF1, p. 266-267, ln 8, Col. (h)	-	-	-
23	Less: Balances Not Qualified for Ratebase	Company Records - Note 1	-	-	-
24	ITC Balances Includeable in Ratebase	Ln 22 - ln 23	-	-	-
25	Transmission Related Deferrals	WS B-1 - Actual Stmt. AF Ln. 20 (Note 1)	-	-	-

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

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

AEP Ohio Transmission Company
SPECIFIED DEFERRED CREDITS - Actual Cycle Only
PERIOD ENDED DECEMBER 31, 2020

(DEBIT) CREDIT

	COLUMN A	COLUMN B	COLUMN C	COLUMN D	COLUMN E	COLUMN F	COLUMN G	COLUMN H	COLUMN I	COLUMN J	COLUMN K	COLUMN L	COLUMN M	COLUMN N	COLUMN O
		PER BOOKS		NON-APPLICABLE/NON-UTILITY		AVERAGE ELECTRIC	FUNCTIONALIZATION AVERAGE			FUNCTIONALIZATION 12/31/2019			FUNCTIONALIZATION 12/31/2020		
	ACCUMULATED DEFERRED FIT ITEMS	BALANCE AS OF 12-31-2019	BALANCE AS OF 12-31-2020	BALANCE AS OF 12-31-2019	BALANCE AS OF 12-31-2020	UTILITY (B+C+D+E)/2	GENERATION	TRANSMISSION	DISTRIBUTION	GENERATION	TRANSMISSION	DISTRIBUTION	GENERATION	TRANSMISSION	DISTRIBUTION
1.00	ACCOUNT 281:														
2.01															
2.02	TX AMORT POLLUTION CONT EQPT	0	0			0	0	0	0						
2.03															
2.04	NON-UTILITY DEFERRED FIT 281.2	0	0	0	0	0									
2.05	SFAS 109 FLOW-THRU 281.3	0	0	0	0	0									
2.06	SFAS 109 EXCESS DFIT 281.4	0	0	0	0	0									
3	TOTAL ACCOUNT 281	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	ACCOUNT 281 - ARO-Related Deferrals	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	ACCOUNT 282:														
5.01	BOOK VS. TAX DEPRECIATION	334,936,062	348,024,354			341,480,208	0	341,480,208	0		334,936,062			348,024,354	
5.02	481 a BONUS DEPRECIATION	9,302,583	6,201,722			7,752,152	0	7,752,152	0		9,302,583			6,201,722	
5.03	R & D DEDUCTION - SECTION 174	46,151	46,151			46,151	0	46,151	0		46,151			46,151	
5.04	TAX DEPRECIATION LOOKBACK	(4,311,886)	0			(2,155,943)	0	(2,155,943)	0		(4,311,886)			-	
5.05	GAIN/LOSS ON ACRS/MACRS PROPERTY	127,939	299,488			213,713	0	213,713	0		127,939			299,488	
5.06	ABFUDC	11,934,291	13,815,587			12,874,939	0	12,874,939	0		11,934,291			13,815,587	
5.07	INT EXP CAPITALIZED FOR TAX	(24,107,876)	(28,027,443)			(26,067,660)	0	(26,067,660)	0		(24,107,876)			(28,027,443)	
5.08	CIAC - BOOK RECEIPTS	(2,343,865)	(2,309,461)			(2,326,663)	0	(2,326,663)	0		(2,343,865)			(2,309,461)	
5.09	BOOK/TAX UNIT OF PROPERTY ADJ	275,630	12,452,965			6,364,298	0	6,364,298	0		275,630			12,452,965	
5.10	BK/TX UNIT OF PROPERTY ADJ-SEC 481 ADJ	32,058	32,058			32,058	0	32,058	0		32,058			32,058	
5.11	TX ACCEL AMORT - CAPITALIZED SOFTWARE	219,268	219,268			219,268	0	219,268	0		219,268			219,268	
5.12	INSURANCE PREMIUMS ACCRUED	0	29,800			14,900	0	14,900	0					29,800	
5.13	CAPITALIZED SOFTWARE COST-BOOK	5,304,434	5,502,612			5,403,523	0	5,403,523	0		5,304,434			5,502,612	
5.14	BOOK OPERATING LEASE - ASSET	0	(51,597)			(25,799)	0	(25,799)	0					(51,597)	
5.15	REMOVAL COST	306,223	394,246			350,235	0	350,235	0		306,223			394,246	
5.16	EXCESS ADFIT - PROTECTED	174,016,442	173,481,176			173,748,809	0	173,748,809	0		174,016,442			173,481,176	
5.17	EXCESS ADFIT - UNPROTECTED	(1,920,568)	(1,703,980)			(1,812,274)	0	(1,812,274)	0		(1,920,568)			(1,703,980)	
5.18	NON-UTILITY DEFERRED FIT	-	-	0	0	0									
5.19	SFAS 109 FLOW-THRU 282.3	34,870,595	39,376,533	(34,870,595)	(39,376,533)	0									
5.20	SFAS 109 EXCESS DFIT 282.4	(172,095,874)	(171,777,196)	172,095,874	171,777,196	0									
6	TOTAL ACOUNT 282	366,591,607	396,006,283	137,225,279	132,400,663	516,111,915	0	516,111,916	0	0	503,816,886	0	0	528,406,946	0
7	ACCOUNT 282 - ARO-Related Deferals	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	ACCOUNT 283:														
9.01	NOL STATE CARRYFORWARD	(12,271)	0			(6,136)	0	(6,136)	0		(12,271)			-	
9.02	NOL-STATE C/F-DEF TAX ASSET-L/T - OH MUNI	188,611	76,745			132,678	0	132,678	0		188,611			76,745	
9.03	NOL STATE CARRYFORWARD - VALUATION ALLOWANCE	(21,840)	0			(10,920)	0	(10,920)	0		(21,840)			-	
9.04	REG ASSET-TRANSCO PRE-FORMATION COSTS	0	0			0	0	0	0		-			-	
9.05	REG ASSET-DEPR EXP DEFERRAL - VA	0	1,057,962			528,981	0	528,981	0		-			1,057,962	
9.06	EXCESS ADFIT - UNPROTECTED	(3,389,127)	(3,006,927)			(3,198,027)	0	(3,198,027)	0		(3,389,127)			(3,006,927)	
9.07	NON-UTILITY DEFERRED FIT 283.2	-	-	0	0	0									
9.08	SFAS 109 FLOW-THRU 283.3	9,269,399	10,775,259	(9,269,399)	(10,775,259)	0									
9.09	SFAS 109 EXCESS DFIT 283.4	3,697,206	3,006,927	(3,697,206)	(3,006,927)	0									
9.10	SFAS 133 ADIT FED - SFAS 133 NONAFFIL 2830006	-	-	0	0	0									
9.11	ADIT - FED-HDG-CF-INT RATE 2830015	-	-	0	0	0									
10		9,731,978	11,909,966	(12,966,605)	(13,782,186)	(2,553,424)	0	(2,553,423)	0	0	(3,234,627)	0	0	(1,872,220)	0
11	DEFD STATE INCOME TAXES	3,876,613	4,205,860			4,041,236	0	4,041,236	0		3,876,613			4,205,860	
11.01	SFAS 109 - DEFD STATE INCOME TAXES			0	0	0									
12	TOTAL ACCOUNT 283	13,608,591	16,115,826	(12,966,605)	(13,782,186)	1,487,812	0	1,487,813	0	0	641,986	0	0	2,333,640	0
13	ACCOUNT 283 - ARO-Related Deferals	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	JURISDICTIONAL AMOUNTS FUNCTIONALIZED														
15	TOTAL COMPANY AMOUNTS FUNCTIONALIZED														
16	REFUNCTIONALIZED BASED ON JURISDICTIONAL PLANT														
17	NOTE: POST 1970 ACCUMULATED DEFERRED														
18	INV TAX CRED. (JDITC) IN A/C 255														
18.01		0	0			0	0	0	0						
18.02		0	0			0	0	0	0						
19															
20	TOTAL ACCOUNT 255	0	0	0	0	0	0	0	0	0	0	0	0	0	0

AEP Ohio Transmission Company
ACCUMULATED DEFERRED INCOME TAX IN ACCOUNT 190 - Actual Cycle Only
PERIOD ENDED DECEMBER 31, 2020

DEBIT (CREDIT)

	COLUMN A	COLUMN B	COLUMN C	COLUMN D	COLUMN E	COLUMN F	COLUMN G	COLUMN H	COLUMN I	COLUMN J	COLUMN K	COLUMN L	COLUMN M	COLUMN N	COLUMN O
		PER BOOKS		NON-APPLICABLE/NON-UTILITY		AVERAGE ELECTRIC UTILITY	FUNCTIONALIZATION AVERAGE			FUNCTIONALIZATION 12/31/2019			FUNCTIONALIZATION 12/31/2020		
	ACCUMULATED DEFERRED FIT ITEMS	BALANCE AS OF 12-31-2019	BALANCE AS OF 12-31-2020	BALANCE AS OF 12-31-2019	BALANCE AS OF 12-31-2020	(B+C+D+E)/2	GENERATION	TRANSMISSION	DISTRIBUTION	GENERATION	TRANSMISSION	DISTRIBUTION	GENERATION	TRANSMISSION	DISTRIBUTION
1	ACCOUNT 190:														
2.01	NOL & TAX CREDIT C/F - DEF TAX ASSET	0	0			0	0	0	0		-			-	
2.02	TAX CREDIT C/F - DEF TAX ASSET	95,126	44,356			69,741	0	69,741	0		95,126			44,356	
2.03	TAX CREDIT C/F - DEF TAX ASSET- MJE	1,467	1,467			1,467	0	1,467	0		1,467			1,467	
2.04	PROV POSS REV REFDS	115,162	456,556			285,859	0	285,859	0		115,162			456,556	
2.05	ACCRD COMPANYWIDE INCENTV PLAN	88,011	538,202			313,107	0	313,107	0		88,011			538,202	
2.06	ACCRUED INTEREST-LONG-TERM - FIN 48	0	(51,677)			(25,839)	0	(25,839)	0		-			(51,677)	
2.07	DEFD STATE INCOME TAXES	814,089	883,231			848,660	0	848,660	0		814,089			883,231	
2.08	AMT CREDIT - DEFERRED	37,450	0			18,725	0	18,725	0		37,450			-	
2.09	NOL - DEFERRED TAX ASSET RECLASS	0	0			0	0	0	0		-			-	
2.10	NON-UTILITY DEFERRED FIT	550,751	240,648	(550,751)	(240,648)	0									
2.11	SFAS 109 FLOW-THRU 190.3	-	(0)	0	0	0									
2.12	SFAS 109 EXCESS DFIT 190.4	45,311,614	45,251,394	(45,311,614)	(45,251,394)	0									
2.13	SFAS 133 ADIT FED - SFAS NONAFFIL 1900006	-	-	0	0	0									
2.14	ADIT FED - PENSION OCI NAF 1900009	-	-	0	0	0									
2.15	ADIT-FED-HDG-CF-INT RATE1900015	-	-	0	0	0									
2.16	DEFERRED SIT 1901002	735,715	365,451			550,583	0	550,583	0		735,715			365,451	
3	TOTAL ACCOUNT 190	47,749,386	47,729,628	(45,862,366)	(45,492,042)	2,062,303	0	2,062,303	0	0	1,887,020	0	0	2,237,585	0
4	ACCOUNT 190 - ARO-Related Deferals	0	0	0	0	0	0	0	0	0	0	0	0	0	0

AEP OHIO TRANSMISSION COMPANY, INC.
Worksheet B-3
Excess/ Deficient ADIT Worksheet
For Year Ended December 31, 2019
Debit/(Credit)

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

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

NOTE B: 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 o

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
			1/1/2020 Beginning Balances	
Excess Balance at Remeasurement	**Amortization Methodology (NOTE C)**	**Amotization Period**	**Excess ADIT Regulatory Offset**	**Excess ADIT in Utility Deferrals**
			45,311,614	
(171,531,496)	**ARAM**	**Life of Asset**		(174,016,442)
-	**10 Years**	**1/2018 - 12/2027**		1,920,568
			174,016,442	
			(1,920,568)	
2,463,331	**10 Years**	**1/2018 - 12/2027**		3,389,127
			(3,697,206)	
			308,079	
			(214,018,361)	
			0	(168,706,747)

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

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

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

r 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		12/31/2020 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
		(60,222)			45,251,392
			595,341	(60,072)	
			(216,586)		
		(535,270)			173,481,172
		216,586			(1,703,982)
			(382,198)		
	308,079	382,198			(3,006,929)
	(308,079)				-
		(3,292)			(214,021,653)
-	-	-	3,443	60,072	-
			NOTE E		

Q	R
nding Balance	
Excess ADIT in Utility Deferrals	**Reference**
ols (l) - (O)	
	WS B - 2 Col B/C, ADIT Item 2.12
(173,481,173)	WS B - 1 Col N, ADIT Item 5.16
1,703,982	WS B - 1 Col N, ADIT Item 5.17
	WS B - 1 Col B/C, ADIT Item 5.20
3,006,929	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)
(168,770,262)	

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

Materials & Supplies

Line Number		Source	Balance @ December 31, 2020	Balance @ December 31, 2019	Average Balance for 2020
1					
2	Transmission Materials & Supplies	FF1, p. 227, ln 8, Col. (c) & (b)	322,009	7,666	164,838
3	General Materials & Supplies	FF1, p. 227, ln 11, Col. (c) & (b)	712	0	356
4	Stores Expense (Undistributed) - Account 163	FF1, p. 227, ln 16, Col. (c) & (b)			-

Prepayment Balance Summary (Note 1)

		Average of YE Balance	Excludable Balances	100% Transmission Related	Transmission Plant Related	Transmission Labor Related	Total Included in Ratebase (E)+(F)+(G)
5							
6	Totals as of December 31, 2020	2,700,317	0	0	2,700,317	0	2,700,317
7	Totals as of December 31, 2019	2,294,779	0	0	2,294,779	0	2,294,779
8	**Average Balance**	2,497,548	-	-	2,497,548	-	2,497,548

Prepayments Account 165 - Balance @ 12/31/2020

9	Acc. No.	Description	2020 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	375,708	-		375,708		375,708	Plant Related Insurance Policies
11	165000214	Prepaid Taxes	0	-		-		-	
12	165000219	Prepaid Taxes	0	-		-		-	
13	1650006	Other Prepayments	1,600,000	-		1,600,000		1,600,000	Prepaid Transmission Projects
14	165001217	Prepaid Use Taxes	0	-		-		-	
15	165001220	Prepaid Use Taxes	30,000	-		30,000		30,000	Prepaid Use Taxes
16	1650021	Prepaid Inssurance EIS	286,804	-		286,804		286,804	Plant Related Insurance Policies
17	1650023	Prepaid Lease	407,805	-		407,805		407,805	Prepaid Lease
18	1650003	Prepaid Rents	0	-		-		-	
19	1650004	Prepaid Interest	0	-		-		-	
20	1650010	Prepaid Pension Benefits	0	-		-		-	
21	1650014	FAS 158 Qual Contra Asset	0	-		-		-	
22	1650016	FAS 112 ASSETS	0	-		-		-	
23									
24									
25		**Subtotal - Form 1, p 111.57.c**	2,700,317	0	0	2,700,317	0	2,700,317	

Prepayments Account 165 - Balance @ 12/31/ 2019

26	Acc. No.	Description	2019 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	233,801	-		233,801		233,801	Plant Related Insurance Policies
28	165000214	Prepaid Taxes	0	-		-		-	
29	165000219	Prepaid Taxes	2	-		2		2	
30	1650006	Other Prepayments	1,600,000	-		1,600,000		1,600,000	Prepaid Transmission Projects
31	165001217	Prepaid Use Taxes	0	-		-		-	
32	165001219	Prepaid Use Taxes	41,334	-		41,334		41,334	Prepaid Use Taxes
33	1650021	Prepaid Inssurance EIS	182,934	-		182,934		182,934	Plant Related Insurance Policies
34	1650023	Prepaid Lease	236,708	-		236,708		236,708	Prepaid Lease
35	1650003	Prepaid Rents	0	-		-		-	
34	1650004	Prepaid Interest	0	-		-		-	
35	1650010	Prepaid Pension Benefits	0	-		-		-	
36	1650014	FAS 158 Qual Contra Asset	0	-		-		-	
37	1650016	FAS 112 ASSETS	0	-		-		-	
38									
39									
40		**Subtotal - Form 1, p 111.57.d**	2,294,779	0	0	2,294,779	0	2,294,779	

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

Line Number	(A) Description	(B) 2020
1	Net Funds from IPP Customers 12/31/2019 (2020 FORM 1, P269)	-
2	Interest Expense (Company Records - Note 1)	-
3	Revenue Credits to Generators (Company Records - Note 1)	-
4	Other Adjustments	
5	Accounting Adjustment (Company Records - Note 1)	-
6		-
7	Net Funds from IPP Customers 12/31/2020 (2020 FORM 1, P269)	-
8	Average Balance for Year as Indicated in Column ((ln 1 + ln 7)/2)	-

Note 1 On this worksheet Company Records refers to AEP 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

Line Number	Description	Total Company	Non-Transmission	Transmission
1	**Account 450, Forfeited Discounts (FF1 p.300.16.(b); Company Records - Note 1)**		-	
2	**Account 451,Miscellaneous Service Revenues (FF1 p.300.17.(b); Company Records - Note 1)**		-	
3	**Account 454, Rent from Electric Property (FF1 p.300.19.(b); Company Records - Note 1)**	7,124,695	-	7,124,695
4	**Account 4560015, Associated Business Development - (Company Records - Notes 1, 2)**		-	
5	**Account 456 - Other Electric Revenues - (Company Records - Notes 1,2)**	575,091,552	575,091,552	
5a	**Account 457.1, Regional Control Service Revenues (FF1 p.300.23.(b); Company Records - Note 1)**		-	
5b	**Account 457.2, Miscellaneous Revenues (FF1p.300.24.(b); Company Records - Note 1)**		-	
6	**Subtotal - Other Operating Revenues (Company Total equals (FF1 p. 300.26.(b))**	582,216,247	575,091,552	7,124,695
7	**Accounts 4470004 & 5, Revenues from Grandfathered Transmission Contracts - (Company Records - Note 1)**		-	
8	**Total Other Operating Revenues To Reduce Revenue Requirement**	582,216,247	575,091,552	7,124,695
9	**Facility Credits under PJM OATT Section 30.9**			1,334,508

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

Line Number	(A) Item No.	(B) Description	(C) 2020 Expense	(D) 100% Non-Transmission	(E) 100% Transmission Specific	(F) Explanation
		Regulatory O&M Deferrals & Amortizations				
1						
2						
3						
4		**Total**	-			
		Detail of Account 561 Per FERC Form 1				
5						
6	FF1 p 321.85.b	561.1 - Load Dispatch - Reliability	-			
7	FF1 p 321.86.b	561.2 - Load Dispatch - Monitor & Operate Trans System	679,042			
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	11			
10	FF1 p 321.89.b	561.5 - Reliability, Planning and Standards Development	568,383			
11	FF1 p 321.90.b	561.6 - Transmission Service Studies	-			
12	FF1 p 321.91.b	561.7 - Generation Interconnection Studies	-			
13	FF1 p 321.92.b	561.8 - Reliability, Planning and Standards Development Services	-			
14		**Total of Account 561**	1,247,436			
		Account 928				
15	9280000	Regulatory Commission Exp	4,753	4,753	-	
16	9280001	Regulatory Commission Exp-Adm	(19)	(19)	-	
17	9280002	Regulatory Commission Exp-Case	(2,410)	(2,410)	-	
18	9280005	Reg Com Exp-FERC Trans Cases	105,206	-	105,206	
19				-	-	
20				-	-	
21		**Total (FERC Form 1 p.323.189.b)**	107,531	2,325	105,206	
		Account 930.1				
22	9301000	General Advertising Expenses	-	-	-	
23	9301001	Newspaper Advertising Space	42	42	-	
24	9301010	Publicity	190	190	-	
25	9301012	Public Opinion Surveys	-	-	-	
26	9301014	Video Communications	221	221		
27	9301015	Other Corporate Comm Exp	4	4	-	
28				-	-	
29				-	-	
30				-	-	
31				-	-	
32				-	-	
33				-	-	
34				-	-	
35				-	-	
36				-	-	
37				-	-	
38		**Total (FERC Form 1 p.323.191.b)**	457	457	-	
		Account 930.2				
39	9302000	Misc General Expenses	181,848	181,848	-	
40	9302003	Corporate & Fiscal Expenses	41,179	41,179	-	
41	9302007	Assoc Business Development Exp	1,503	-	1,503	
42	9302017	SellingPrice Normalization Exp	0	0	-	
43		**Total (FERC Form 1 p.323.192.b)**	224,530	223,027	1,503	

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	1.88%	
	Apportionment Factor - Note 1	12.40%	
	Effective State Tax Rate		0.23%
2	_____ Tax Rate		
	Apportionment Factor - Note 1		
	Effective State Tax Rate		0.00%
3	_____ Tax Rate		
	Apportionment Factor - Note 1		
	Effective State Tax Rate		0.00%
4	_____ Tax Rate		
	Apportionment Factor - Note 1		
	Effective State Tax Rate		0.00%
5	_____ Tax Rate		
	Apportionment Factor - Note 1		
	Effective State Tax Rate		0.00%
	Total Effective State Income Tax Rate		0.23%

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 NOTE 1	(C) Property	(D) Labor	(E) Other	(F) Non-Allocable
1	**Revenue Taxes**					
2	Gross Receipts Tax	139				139
3	**Real Estate and Personal Property Taxes**					
4	Real and Personal Property - Ohio	159,461,876	159,461,876			
5	Real and Personal Property -	-	-			
6	Real and Personal Property -	-	-			
7	Real and Personal Property - Other Jurisdictions	-	-			
8	**Payroll Taxes**					
9	Federal Insurance Contribution (FICA)	-		-		
10	Federal Unemployment Tax	-		-		
11	State Unemployment Insurance	-		-		
12	*Line Deliberately Left Blank*					
13	State Severance Taxes	-				-
14	**Miscellaneous Taxes**					
15	State Business & Occupation Tax	-				-
16	State Public Service Commission Fees	863,482			863,482	
17	State Franchise Taxes	-			-	
18	State Lic/Registration Fee	-			-	
19	Misc. State and Local Tax	-			-	
20	Sales & Use	-				-
21	Federal Excise Tax	-				-
22	Michigan Single Business Tax	-				-
23	Total Taxes by Allocable Basis	160,325,497	159,461,876	-	863,482	139

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

Functional Property Tax Allocation

Line No.		Lines 24-58 Column (B) Deliberately Left Blank	Transmission	Lines 24-58 Column (D) Deliberately Left Blank	General	Total
24	Functionalized Net Plant (TCOS, Lns 33 thru 36)	-	3,398,288,687	-	139,498,143	3,537,786,830
	OHIO JURISDICTION					
25	Percentage of Plant in OHIO JURISDICTION		100%		100.00%	
26	Net Plant in OHIO JURISDICTION (Ln 24 * Ln 25)	-	3,398,288,687	-	139,498,143	3,537,786,830
27	Less: Net Value of Exempted Generation Plant					
28	Taxable Property Basis (Ln 26 - Ln 27)	-	3,398,288,687	-	139,498,143	3,537,786,830
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%		
	_____ JURISDICTION					
35	Net Plant in _____ JURISDICTION (Ln 24 - Ln 26)	-	-	-	-	-
36	Less: Net Value Exempted Generation Plant					
37	Taxable Property Basis	-	-	-	-	-
38	Relative Valuation Factor					
39	Weighted Net Plant (Ln 37 * Ln 38)	-	-	-	-	
40	General Plant Allocator (Ln 39 / (Total - General Plant)	0.00%	100.00%	0.00%	-100.00%	
41	Functionalized General Plant (Ln 41 * General Plant)	-	-	-	-	
42	Weighted _____ JURISDICTION Plant (Ln 39 + 41)	-	-	-	-	-
43	Functional Percentage (Ln 42/Total Ln 42)	0.00%	100.00%	0.00%		

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

Line No.	(A) Annual Tax Expenses by Type (Note 1)	(B) Total Company	(C) FERC FORM 1 Tie-Back	(D) FERC FORM 1 Reference
1	**Revenue Taxes**			
2	Gross Receipts Tax	139		
			94	P.263 ln 13 (i)
			45	P.263 ln 14 (i)

	(A) "Real Estate and Personal Propety Tax Detail Annual Tax Expenses by Type (Note 1)"	(B) Tax Year	(C) Total Company	(D) FERC FORM 1 Tie-Back	(E) FERC FORM 1 Reference	(F) Tax Year Factor (Note 2)	(G) Transmission Function (Note 2)
3	**Real Estate and Personal Property Taxes Total (Ln 4 + Ln 5 + Ln 6 + Ln 7)**		159,461,876				159,461,876
4	Real and Personal Property - Ohio		159,461,876				159,461,876
		2017		5,693	P.263 Ln 22(i)	100%	5,693
		2018		(2,888,817)	P.263 Ln 23(i)	100%	(2,888,817)
		2019		162,345,000	P.263 Ln 24(i)	100%	162,345,000
							-
							-
							-
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	**Payroll Taxes**			
9	Federal Insurance Contribution (FICA)	-		
10	Federal Unemployment Tax	-		
11	State Unemployment Insurance	-		
12	*Line Left Deliberately Blank*			
13	State Severance Taxes	-		
14	**Miscellaneous Taxes**			
15	State Business & Occupation Tax	-		
16	State Public Service Commission Fees	863,482		
			2	P.263 ln 15 (i)
			863,480	P.263 ln 16 (i)
17	State Franchise Taxes	-		
18	State Lic/Registration Fee	-		
19	Misc. State and Local Tax	-		
20	Sales & Use	-		
			-	
21	Federal Excise Tax	-		
22	Michigan Single Business Tax	-		
23	Total Taxes by Allocable Basis (Total Company Amount Ties to FFI p.114, Ln 14,(c))	160,325,497	160,325,497	

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

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

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

Reserved for Future Use

AEPTCo subsidiaries in PJM
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet K Supporting Calculation of TRUE-UP PJM RTEP Project Revenue Requirement Billed to Benefiting Zones
AEP 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, ln 138)			10.35%
Project ROE Incentive Adder			0
ROE with additional 0 basis point incentive			10.35%
Determine R (cost of long term debt, cost of preferred stock and equity percentage is from the True-Up TCOS, lns 136 through 138)			
	%	Cost	Weighted cost
Long Term Debt	46.50%	3.93%	1.829%
Preferred Stock	0.00%	0.00%	0.000%
Common Stock	53.50%	10.35%	5.538%
		R =	7.367%

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

Rate Base (True-Up TCOS, ln 58)	3,053,790,646
R (fom A. above)	7.367%
Return (Rate Base x R)	224,959,311

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

Return (from B. above)	224,959,311
Effective Tax Rate (TCOS, ln 97)	20.20%
Income Tax Calculation (Return x CIT)	45,445,979
ITC Adjustment	-
Excess Deferred Income Tax	4,377
Tax Affect of Permanent Differences	1,144,702
Income Taxes	46,595,059

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

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

Annual Revenue Requirement (TCOS, ln 1)	584,967,184
Lease Payments (TCOS, Lns 80)	-
Return (TCOS, ln 109)	224,959,311
Income Taxes (TCOS, ln 108)	46,595,059
Annual Revenue Requirement, Less Lease Payments, Return and Taxes	313,412,815

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

Annual Revenue Requirement, Less Lease Payments, Return and Taxes	313,412,815
Return (from I.B. above)	224,959,311
Income Taxes (from I.C. above)	46,595,059
Annual Revenue Requirement, with 0 Basis Point ROE increase	584,967,184
Depreciation (TCOS, ln 83)	99,394,000
Annual Rev. Req, w/ 0 Basis Point ROE increase, less Depreciation	485,573,184

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

Net Transmission Plant (Projected TCOS, ln 33)	3,398,288,687
Annual Revenue Requirement, with 0 Basis Point ROE increase	584,967,184
FCR with 0 Basis Point increase in ROE	17.21%
Annual Rev. Req, w / 0 Basis Point ROE increase, less Dep.	485,573,184
FCR with 0 Basis Point ROE increase, less Depreciation	14.29%
FCR less Depreciation (TCOS, ln 10)	14.29%
Incremental FCR with 0 Basis Point ROE increase, less Depreciation	0.00%

III. Calculation of Composite Depreciation Rate

Average Transmission Plant Balance for 2020 TCOS, ln 19	3,690,481,220
Annual Depreciation and Amortization Expense (TCOS, ln 83)	99,394,000
Composite Depreciation Rate	2.69%
Depreciable Life for Composite Depreciation Rate	37.13
Average Life in Whole Years	37

SUMMARY OF TRUED-UP ANNUAL REVENUE REQUIREMENTS FOR RTEPPROJECTS

TRUE-UP YEAR	Rev Require	W Incentives	Incentive Amounts
As Projected in Prior Year WS J	$ 44,552,919	$ 44,552,919	$ -
Actual After True-up	$ 42,298,747	$ 42,298,747	$ -
True-up of ARR For 2020	(2,254,172)	(2,254,172)	-

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 K - ATRR TRUE-UP Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

2020	Rev Require	W Incentives	Incentive Amounts
Prior Yr Projected	1,626,376	1,626,376	-
Prior Yr True-Up	1,466,181	1,466,181	-
True-Up Adjustment	(160,195)	(160,195)	-

Details			
Investment	10,402,068	Current Year	2020
Service Year (yyyy)	2012	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	14.29%
Useful life	37	FCR w/incentives approved for these facilities, less dep.	14.29%
CIAC (Yes or No)	No	Annual Depreciation Expense	281,137

TRUE UP OF PROJECT REVENUE REQUIREMENT FOR PRIOR YEAR:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	Average Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't.From Prior Year WS J w/o Incentives	RTEP Rev Req't True-up w/o Incentives	RTEP Projected Rev. Req't.From Prior Year WS J with Incentives **	RTEP Rev Req't True-up with Incentives **	True-up of Incentive with Incentives **
2012	10,402,068	-	10,402,068	10,402,068	1,486,326	1,486,326	$ -	$ 747,660	$ 738,666	$ 747,660	$ 738,666	$ -
2013	10,402,068	281,137	10,120,931	10,261,500	1,747,378	1,747,378	$ -	$ 1,093,780	$ 653,598	$ 1,093,780	$ 653,598	$ -
2014	10,120,931	281,137	9,839,794	9,980,363	1,707,207	1,707,207	$ -	$ 1,212,574	$ 494,633	$ 1,212,574	$ 494,633	$ -
2015	9,839,794	281,137	9,558,657	9,699,226	1,667,036	1,667,036	$ -	$ 1,166,857	$ 500,179	$ 1,166,857	$ 500,179	$ -
2016	9,558,657	281,137	9,277,520	9,418,089	1,626,865	1,626,865	$ -	$ 1,271,115	$ 355,750	$ 1,271,115	$ 355,750	$ -
2017	9,277,520	281,137	8,996,383	9,136,952	1,586,694	1,586,694	$ -	$ 1,517,047	$ 69,647	$ 1,517,047	$ 69,647	$ -
2018	8,996,383	281,137	8,715,246	8,855,815	1,546,523	1,546,523	$ -	$ 1,527,231	$ 19,292	$ 1,527,231	$ 19,292	$ -
2019	8,715,246	281,137	8,434,109	8,574,678	1,506,352	1,506,352	$ -	$ 1,559,917	$ (53,565)	$ 1,559,917	$ (53,565)	$ -
2020	8,434,109	281,137	8,152,972	8,293,541	1,466,181	1,466,181	$ -	$ 1,626,376	$ (160,195)	$ 1,626,376	$ (160,195)	$ -
2021	8,152,972	281,137	7,871,835	8,012,404	1,426,010	1,426,010	$ -		$ -		$ -	$ -
2022	7,871,835	281,137	7,590,698	7,731,267	1,385,839	1,385,839	$ -		$ -		$ -	$ -
2023	7,590,698	281,137	7,309,561	7,450,130	1,345,668	1,345,668	$ -		$ -		$ -	$ -
2024	7,309,561	281,137	7,028,425	7,168,993	1,305,497	1,305,497	$ -		$ -		$ -	$ -
2025	7,028,425	281,137	6,747,288	6,887,856	1,265,326	1,265,326	$ -		$ -		$ -	$ -
2026	6,747,288	281,137	6,466,151	6,606,719	1,225,155	1,225,155	$ -		$ -		$ -	$ -
2027	6,466,151	281,137	6,185,014	6,325,582	1,184,984	1,184,984	$ -		$ -		$ -	$ -
2028	6,185,014	281,137	5,903,877	6,044,445	1,144,813	1,144,813	$ -		$ -		$ -	$ -
2029	5,903,877	281,137	5,622,740	5,763,308	1,104,642	1,104,642	$ -		$ -		$ -	$ -
2030	5,622,740	281,137	5,341,603	5,482,171	1,064,471	1,064,471	$ -		$ -		$ -	$ -
2031	5,341,603	281,137	5,060,466	5,201,034	1,024,300	1,024,300	$ -		$ -		$ -	$ -
2032	5,060,466	281,137	4,779,329	4,919,897	984,129	984,129	$ -		$ -		$ -	$ -
2033	4,779,329	281,137	4,498,192	4,638,760	943,958	943,958	$ -		$ -		$ -	$ -
2034	4,498,192	281,137	4,217,055	4,357,623	903,787	903,787	$ -		$ -		$ -	$ -
2035	4,217,055	281,137	3,935,918	4,076,486	863,616	863,616	$ -		$ -		$ -	$ -
2036	3,935,918	281,137	3,654,781	3,795,349	823,445	823,445	$ -		$ -		$ -	$ -
2037	3,654,781	281,137	3,373,644	3,514,212	783,274	783,274	$ -		$ -		$ -	$ -
2038	3,373,644	281,137	3,092,507	3,233,075	743,103	743,103	$ -		$ -		$ -	$ -
2039	3,092,507	281,137	2,811,370	2,951,938	702,932	702,932	$ -		$ -		$ -	$ -
2040	2,811,370	281,137	2,530,233	2,670,801	662,761	662,761	$ -		$ -		$ -	$ -
2041	2,530,233	281,137	2,249,096	2,389,664	622,590	622,590	$ -		$ -		$ -	$ -
2042	2,249,096	281,137	1,967,959	2,108,527	582,419	582,419	$ -		$ -		$ -	$ -
2043	1,967,959	281,137	1,686,822	1,827,390	542,248	542,248	$ -		$ -		$ -	$ -
2044	1,686,822	281,137	1,405,685	1,546,253	502,077	502,077	$ -		$ -		$ -	$ -
2045	1,405,685	281,137	1,124,548	1,265,116	461,906	461,906	$ -		$ -		$ -	$ -
2046	1,124,548	281,137	843,411	983,979	421,735	421,735	$ -		$ -		$ -	$ -
2047	843,411	281,137	562,274	702,842	381,564	381,564	$ -		$ -		$ -	$ -
2048	562,274	281,137	281,137	421,705	341,393	341,393	$ -		$ -		$ -	$ -
2049	281,137	281,137	-	140,568	301,222	301,222	$ -		$ -		$ -	$ -
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			39,385,429	39,385,429	-					

** 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.

Worksheet K - ATRR TRUE-UP Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

2020	Rev Require	W Incentives	Incentive Amounts
Prior Yr Projected	529,806	529,806	-
Prior Yr True-Up	476,237	476,237	-
True-Up Adjustment	(53,569)	(53,569)	-

Details

Investment	3,473,922	Current Year	2020
Service Year (yyyy)	2011	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	14.29%
Useful life	37	FCR w/incentives approved for these facilities, less dep.	14.29%
CIAC (Yes or No)	No	Annual Depreciation Expense	93,890

TRUE UP OF PROJECT REVENUE REQUIREMENT FOR PRIOR YEAR:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	Average Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't.From Prior Year WS J w/o Incentives	RTEP Rev Req't True-up w/o Incentives	RTEP Projected Rev. Req't.From Prior Year WS J with Incentives **	RTEP Rev Req't True-up with Incentives **	True-up of Incentive with Incentives **
2011	3,473,922	-	3,473,922	3,473,922	496,380	496,380	$ -		$ -		$ -	$ -
2012	3,473,922	93,890	3,380,032	3,426,977	583,562	583,562	$ -	$ 386,386	$ 197,176	$ 386,386	$ 197,176	$ -
2013	3,380,032	93,890	3,286,143	3,333,087	570,147	570,147	$ -	$ 410,711	$ 159,436	$ 410,711	$ 159,436	$ -
2014	3,286,143	93,890	3,192,253	3,239,198	556,731	556,731	$ -	$ 453,040	$ 103,691	$ 453,040	$ 103,691	$ -
2015	3,192,253	93,890	3,098,363	3,145,308	543,315	543,315	$ -	$ 435,575	$ 107,740	$ 435,575	$ 107,740	$ -
2016	3,098,363	93,890	3,004,473	3,051,418	529,899	529,899	$ -	$ 473,027	$ 56,872	$ 473,027	$ 56,872	$ -
2017	3,004,473	93,890	2,910,583	2,957,528	516,484	516,484	$ -	$ 562,920	$ (46,436)	$ 562,920	$ (46,436)	$ -
2018	2,910,583	93,890	2,816,694	2,863,639	503,068	503,068	$ -	$ 499,743	$ 3,325	$ 499,743	$ 3,325	$ -
2019	2,816,694	93,890	2,722,804	2,769,749	489,652	489,652	$ -	$ 509,431	$ (19,778)	$ 509,431	$ (19,778)	$ -
2020	2,722,804	93,890	2,628,914	2,675,859	476,237	476,237	$ -	$ 529,806	$ (53,569)	$ 529,806	$ (53,569)	$ -
2021	2,628,914	93,890	2,535,024	2,581,969	462,821	462,821	$ -		$ -		$ -	$ -
2022	2,535,024	93,890	2,441,134	2,488,079	449,405	449,405	$ -		$ -		$ -	$ -
2023	2,441,134	93,890	2,347,245	2,394,190	435,990	435,990	$ -		$ -		$ -	$ -
2024	2,347,245	93,890	2,253,355	2,300,300	422,574	422,574	$ -		$ -		$ -	$ -
2025	2,253,355	93,890	2,159,465	2,206,410	409,158	409,158	$ -		$ -		$ -	$ -
2026	2,159,465	93,890	2,065,575	2,112,520	395,743	395,743	$ -		$ -		$ -	$ -
2027	2,065,575	93,890	1,971,686	2,018,630	382,327	382,327	$ -		$ -		$ -	$ -
2028	1,971,686	93,890	1,877,796	1,924,741	368,911	368,911	$ -		$ -		$ -	$ -
2029	1,877,796	93,890	1,783,906	1,830,851	355,496	355,496	$ -		$ -		$ -	$ -
2030	1,783,906	93,890	1,690,016	1,736,961	342,080	342,080	$ -		$ -		$ -	$ -
2031	1,690,016	93,890	1,596,126	1,643,071	328,664	328,664	$ -		$ -		$ -	$ -
2032	1,596,126	93,890	1,502,237	1,549,182	315,249	315,249	$ -		$ -		$ -	$ -
2033	1,502,237	93,890	1,408,347	1,455,292	301,833	301,833	$ -		$ -		$ -	$ -
2034	1,408,347	93,890	1,314,457	1,361,402	288,417	288,417	$ -		$ -		$ -	$ -
2035	1,314,457	93,890	1,220,567	1,267,512	275,002	275,002	$ -		$ -		$ -	$ -
2036	1,220,567	93,890	1,126,677	1,173,622	261,586	261,586	$ -		$ -		$ -	$ -
2037	1,126,677	93,890	1,032,788	1,079,733	248,170	248,170	$ -		$ -		$ -	$ -
2038	1,032,788	93,890	938,898	985,843	234,754	234,754	$ -		$ -		$ -	$ -
2039	938,898	93,890	845,008	891,953	221,339	221,339	$ -		$ -		$ -	$ -
2040	845,008	93,890	751,118	798,063	207,923	207,923	$ -		$ -		$ -	$ -
2041	751,118	93,890	657,229	704,173	194,507	194,507	$ -		$ -		$ -	$ -
2042	657,229	93,890	563,339	610,284	181,092	181,092	$ -		$ -		$ -	$ -
2043	563,339	93,890	469,449	516,394	167,676	167,676	$ -		$ -		$ -	$ -
2044	469,449	93,890	375,559	422,504	154,260	154,260	$ -		$ -		$ -	$ -
2045	375,559	93,890	281,669	328,614	140,845	140,845	$ -		$ -		$ -	$ -
2046	281,669	93,890	187,780	234,724	127,429	127,429	$ -		$ -		$ -	$ -
2047	187,780	93,890	93,890	140,835	114,013	114,013	$ -		$ -		$ -	$ -
2048	93,890	93,890	-	46,945	100,598	100,598	$ -		$ -		$ -	$ -
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			13,153,337	13,153,337	-					

** 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.

Worksheet K - ATRR TRUE-UP Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

2020	Rev Require	W Incentives	Incentive Amounts
Prior Yr Projected	1,334,247	1,334,247	-
Prior Yr True-Up	1,205,874	1,205,874	-
True-Up Adjustment	(128,373)	(128,373)	-

Details			
Investment	8,345,675	Current Year	2020
Service Year (yyyy)	2013	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	11	FCR w/o incentives, less depreciation	14.29%
Useful life	37	FCR w/incentives approved for these facilities, less dep.	14.29%
CIAC (Yes or No)	No	Annual Depreciation Expense	225,559

TRUE UP OF PROJECT REVENUE REQUIREMENT FOR PRIOR YEAR:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	Average Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't.From Prior Year WS J w/o Incentives	RTEP Rev Req't True-up w/o Incentives	RTEP Projected Rev. Req't.From Prior Year WS J with Incentives **	RTEP Rev Req't True-up with Incentives **	True-up of Incentive with Incentives **
2013	8,345,675	18,797	8,326,878	8,336,276	1,209,947	1,209,947	$ -	$ 443,007	$ 766,940	$ 443,007	$ 766,940	$ -
2014	8,326,878	225,559	8,101,319	8,214,099	1,399,251	1,399,251	$ -	$ 964,332	$ 434,919	$ 964,332	$ 434,919	$ -
2015	8,101,319	225,559	7,875,760	7,988,540	1,367,022	1,367,022	$ -	$ 1,065,163	$ 301,859	$ 1,065,163	$ 301,859	$ -
2016	7,875,760	225,559	7,650,202	7,762,981	1,334,792	1,334,792	$ -	$ 1,173,750	$ 161,042	$ 1,173,750	$ 161,042	$ -
2017	7,650,202	225,559	7,424,643	7,537,422	1,302,563	1,302,563	$ -	$ 1,404,427	$ (101,864)	$ 1,404,427	$ (101,864)	$ -
2018	7,424,643	225,559	7,199,084	7,311,863	1,270,333	1,270,333	$ -	$ 1,247,990	$ 22,343	$ 1,247,990	$ 22,343	$ -
2019	7,199,084	225,559	6,973,525	7,086,305	1,238,104	1,238,104	$ -	$ 1,276,918	$ (38,815)	$ 1,276,918	$ (38,815)	$ -
2020	6,973,525	225,559	6,747,967	6,860,746	1,205,874	1,205,874	$ -	$ 1,334,247	$ (128,373)	$ 1,334,247	$ (128,373)	$ -
2021	6,747,967	225,559	6,522,408	6,635,187	1,173,644	1,173,644	$ -		$ -		$ -	$ -
2022	6,522,408	225,559	6,296,849	6,409,628	1,141,415	1,141,415	$ -		$ -		$ -	$ -
2023	6,296,849	225,559	6,071,290	6,184,070	1,109,185	1,109,185	$ -		$ -		$ -	$ -
2024	6,071,290	225,559	5,845,731	5,958,511	1,076,956	1,076,956	$ -		$ -		$ -	$ -
2025	5,845,731	225,559	5,620,173	5,732,952	1,044,726	1,044,726	$ -		$ -		$ -	$ -
2026	5,620,173	225,559	5,394,614	5,507,393	1,012,497	1,012,497	$ -		$ -		$ -	$ -
2027	5,394,614	225,559	5,169,055	5,281,835	980,267	980,267	$ -		$ -		$ -	$ -
2028	5,169,055	225,559	4,943,496	5,056,276	948,038	948,038	$ -		$ -		$ -	$ -
2029	4,943,496	225,559	4,717,938	4,830,717	915,808	915,808	$ -		$ -		$ -	$ -
2030	4,717,938	225,559	4,492,379	4,605,158	883,579	883,579	$ -		$ -		$ -	$ -
2031	4,492,379	225,559	4,266,820	4,379,599	851,349	851,349	$ -		$ -		$ -	$ -
2032	4,266,820	225,559	4,041,261	4,154,041	819,120	819,120	$ -		$ -		$ -	$ -
2033	4,041,261	225,559	3,815,703	3,928,482	786,890	786,890	$ -		$ -		$ -	$ -
2034	3,815,703	225,559	3,590,144	3,702,923	754,660	754,660	$ -		$ -		$ -	$ -
2035	3,590,144	225,559	3,364,585	3,477,364	722,431	722,431	$ -		$ -		$ -	$ -
2036	3,364,585	225,559	3,139,026	3,251,806	690,201	690,201	$ -		$ -		$ -	$ -
2037	3,139,026	225,559	2,913,467	3,026,247	657,972	657,972	$ -		$ -		$ -	$ -
2038	2,913,467	225,559	2,687,909	2,800,688	625,742	625,742	$ -		$ -		$ -	$ -
2039	2,687,909	225,559	2,462,350	2,575,129	593,513	593,513	$ -		$ -		$ -	$ -
2040	2,462,350	225,559	2,236,791	2,349,571	561,283	561,283	$ -		$ -		$ -	$ -
2041	2,236,791	225,559	2,011,232	2,124,012	529,054	529,054	$ -		$ -		$ -	$ -
2042	2,011,232	225,559	1,785,674	1,898,453	496,824	496,824	$ -		$ -		$ -	$ -
2043	1,785,674	225,559	1,560,115	1,672,894	464,595	464,595	$ -		$ -		$ -	$ -
2044	1,560,115	225,559	1,334,556	1,447,335	432,365	432,365	$ -		$ -		$ -	$ -
2045	1,334,556	225,559	1,108,997	1,221,777	400,135	400,135	$ -		$ -		$ -	$ -
2046	1,108,997	225,559	883,439	996,218	367,906	367,906	$ -		$ -		$ -	$ -
2047	883,439	225,559	657,880	770,659	335,676	335,676	$ -		$ -		$ -	$ -
2048	657,880	225,559	432,321	545,100	303,447	303,447	$ -		$ -		$ -	$ -
2049	432,321	225,559	206,762	319,542	271,217	271,217	$ -		$ -		$ -	$ -
2050	206,762	206,762	-	103,381	221,534	221,534	$ -		$ -		$ -	$ -
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			31,499,915	31,499,915	-					

** 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.

Worksheet K - ATRR TRUE-UP Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

2020	Rev Require	W Incentives	Incentive Amounts
Prior Yr Projected	689,652	689,652	-
Prior Yr True-Up	623,437	623,437	-
True-Up Adjustment	(66,214)	(66,214)	-

Details			
Investment	4,305,129	Current Year	2020
Service Year (yyyy)	2013	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	14.29%
Useful life	37	FCR w/incentives approved for these facilities, less dep.	14.29%
CIAC (Yes or No)	No	Annual Depreciation Expense	116,355

TRUE UP OF PROJECT REVENUE REQUIREMENT FOR PRIOR YEAR:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	Average Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't.From Prior Year WS J w/o Incentives	RTEP Rev Req't True-up w/o Incentives	RTEP Projected Rev. Req't.From Prior Year WS J with Incentives **	RTEP Rev Req't True-up with Incentives **	True-up of Incentive with Incentives **
2013	4,305,129	-	4,305,129	4,305,129	615,149	615,149	$ -	$ 244,284	$ 370,865	$ 244,284	$ 370,865	$ -
2014	4,305,129	116,355	4,188,774	4,246,951	723,191	723,191	$ -	$ 568,269	$ 154,922	$ 568,269	$ 154,922	$ -
2015	4,188,774	116,355	4,072,419	4,130,596	706,566	706,566	$ -	$ 554,603	$ 151,963	$ 554,603	$ 151,963	$ -
2016	4,072,419	116,355	3,956,064	4,014,242	689,940	689,940	$ -	$ 606,319	$ 83,621	$ 606,319	$ 83,621	$ -
2017	3,956,064	116,355	3,839,709	3,897,887	673,314	673,314	$ -	$ 725,644	$ (52,330)	$ 725,644	$ (52,330)	$ -
2018	3,839,709	116,355	3,723,355	3,781,532	656,689	656,689	$ -	$ 644,841	$ 11,848	$ 644,841	$ 11,848	$ -
2019	3,723,355	116,355	3,607,000	3,665,177	640,063	640,063	$ -	$ 659,891	$ (19,828)	$ 659,891	$ (19,828)	$ -
2020	3,607,000	116,355	3,490,645	3,548,822	623,437	623,437	$ -	$ 689,652	$ (66,214)	$ 689,652	$ (66,214)	$ -
2021	3,490,645	116,355	3,374,290	3,432,467	606,812	606,812	$ -		$ -		$ -	$ -
2022	3,374,290	116,355	3,257,935	3,316,113	590,186	590,186	$ -		$ -		$ -	$ -
2023	3,257,935	116,355	3,141,580	3,199,758	573,560	573,560	$ -		$ -		$ -	$ -
2024	3,141,580	116,355	3,025,226	3,083,403	556,935	556,935	$ -		$ -		$ -	$ -
2025	3,025,226	116,355	2,908,871	2,967,048	540,309	540,309	$ -		$ -		$ -	$ -
2026	2,908,871	116,355	2,792,516	2,850,693	523,683	523,683	$ -		$ -		$ -	$ -
2027	2,792,516	116,355	2,676,161	2,734,338	507,058	507,058	$ -		$ -		$ -	$ -
2028	2,676,161	116,355	2,559,806	2,617,984	490,432	490,432	$ -		$ -		$ -	$ -
2029	2,559,806	116,355	2,443,451	2,501,629	473,806	473,806	$ -		$ -		$ -	$ -
2030	2,443,451	116,355	2,327,097	2,385,274	457,181	457,181	$ -		$ -		$ -	$ -
2031	2,327,097	116,355	2,210,742	2,268,919	440,555	440,555	$ -		$ -		$ -	$ -
2032	2,210,742	116,355	2,094,387	2,152,564	423,929	423,929	$ -		$ -		$ -	$ -
2033	2,094,387	116,355	1,978,032	2,036,210	407,304	407,304	$ -		$ -		$ -	$ -
2034	1,978,032	116,355	1,861,677	1,919,855	390,678	390,678	$ -		$ -		$ -	$ -
2035	1,861,677	116,355	1,745,322	1,803,500	374,053	374,053	$ -		$ -		$ -	$ -
2036	1,745,322	116,355	1,628,968	1,687,145	357,427	357,427	$ -		$ -		$ -	$ -
2037	1,628,968	116,355	1,512,613	1,570,790	340,801	340,801	$ -		$ -		$ -	$ -
2038	1,512,613	116,355	1,396,258	1,454,435	324,176	324,176	$ -		$ -		$ -	$ -
2039	1,396,258	116,355	1,279,903	1,338,081	307,550	307,550	$ -		$ -		$ -	$ -
2040	1,279,903	116,355	1,163,548	1,221,726	290,924	290,924	$ -		$ -		$ -	$ -
2041	1,163,548	116,355	1,047,193	1,105,371	274,299	274,299	$ -		$ -		$ -	$ -
2042	1,047,193	116,355	930,839	989,016	257,673	257,673	$ -		$ -		$ -	$ -
2043	930,839	116,355	814,484	872,661	241,047	241,047	$ -		$ -		$ -	$ -
2044	814,484	116,355	698,129	756,306	224,422	224,422	$ -		$ -		$ -	$ -
2045	698,129	116,355	581,774	639,952	207,796	207,796	$ -		$ -		$ -	$ -
2046	581,774	116,355	465,419	523,597	191,170	191,170	$ -		$ -		$ -	$ -
2047	465,419	116,355	349,064	407,242	174,545	174,545	$ -		$ -		$ -	$ -
2048	349,064	116,355	232,710	290,887	157,919	157,919	$ -		$ -		$ -	$ -
2049	232,710	116,355	116,355	174,532	141,293	141,293	$ -		$ -		$ -	$ -
2050	116,355	116,355	-	58,177	124,668	124,668	$ -		$ -		$ -	$ -
2051	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2052	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2053	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2054	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2055	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2056	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2057	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2058	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2059	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2060	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2061	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2062	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2063	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2064	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2065	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2066	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2067	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2068	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2069	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2070	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2071	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2072	-	-	-	-	-	-	$ -		$ -		$ -	$ -
Project Totals		4,305,129			16,300,541	16,300,541	-					

** 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.

Worksheet K - ATRR TRUE-UP Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

Project Description: RTEP ID: b1864.2 (West Bellaire-Brues 138 kV Circuit)

2020	Rev Require	W Incentives	Incentive Amounts
Prior Yr Projected	171,745	171,745	-
Prior Yr True-Up	155,186	155,186	-
True-Up Adjustment	(16,559)	(16,559)	-

Details			
Investment	1,076,416	Current Year	2020
Service Year (yyyy)	2013	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	10	FCR w/o incentives, less depreciation	14.29%
Useful life	37	FCR w/incentives approved for these facilities, less dep.	14.29%
CIAC (Yes or No)	No	Annual Depreciation Expense	29,092

TRUE UP OF PROJECT REVENUE REQUIREMENT FOR PRIOR YEAR:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	Average Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't.From Prior Year WS J w/o Incentives	RTEP Rev Req't True-up w/o Incentives	RTEP Projected Rev. Req't.From Prior Year WS J with Incentives **	RTEP Rev Req't True-up with Incentives **	True-up of Incentive with Incentives **
2013	1,076,416	4,849	1,071,567	1,073,992	158,309	158,309	$ -	$ 124,755	$ 33,554	$ 124,755	$ 33,554	$ -
2014	1,071,567	29,092	1,042,475	1,057,021	180,128	180,128	$ -	$ 140,765	$ 39,363	$ 140,765	$ 39,363	$ -
2015	1,042,475	29,092	1,013,383	1,027,929	175,971	175,971	$ -	$ 137,783	$ 38,188	$ 137,783	$ 38,188	$ -
2016	1,013,383	29,092	984,290	998,837	171,814	171,814	$ -	$ 151,179	$ 20,635	$ 151,179	$ 20,635	$ -
2017	984,290	29,092	955,198	969,744	167,657	167,657	$ -	$ 180,849	$ (13,192)	$ 180,849	$ (13,192)	$ -
2018	955,198	29,092	926,106	940,652	163,500	163,500	$ -	$ 160,698	$ 2,802	$ 160,698	$ 2,802	$ -
2019	926,106	29,092	897,013	911,560	159,343	159,343	$ -	$ 164,398	$ (5,055)	$ 164,398	$ (5,055)	$ -
2020	897,013	29,092	867,921	882,467	155,186	155,186	$ -	$ 171,745	$ (16,559)	$ 171,745	$ (16,559)	$ -
2021	867,921	29,092	838,829	853,375	151,029	151,029	$ -		$ -		$ -	$ -
2022	838,829	29,092	809,736	824,283	146,872	146,872	$ -		$ -		$ -	$ -
2023	809,736	29,092	780,644	795,190	142,715	142,715	$ -		$ -		$ -	$ -
2024	780,644	29,092	751,552	766,098	138,558	138,558	$ -		$ -		$ -	$ -
2025	751,552	29,092	722,459	737,006	134,401	134,401	$ -		$ -		$ -	$ -
2026	722,459	29,092	693,367	707,913	130,244	130,244	$ -		$ -		$ -	$ -
2027	693,367	29,092	664,275	678,821	126,087	126,087	$ -		$ -		$ -	$ -
2028	664,275	29,092	635,182	649,729	121,930	121,930	$ -		$ -		$ -	$ -
2029	635,182	29,092	606,090	620,636	117,774	117,774	$ -		$ -		$ -	$ -
2030	606,090	29,092	576,998	591,544	113,617	113,617	$ -		$ -		$ -	$ -
2031	576,998	29,092	547,905	562,452	109,460	109,460	$ -		$ -		$ -	$ -
2032	547,905	29,092	518,813	533,359	105,303	105,303	$ -		$ -		$ -	$ -
2033	518,813	29,092	489,721	504,267	101,146	101,146	$ -		$ -		$ -	$ -
2034	489,721	29,092	460,628	475,175	96,989	96,989	$ -		$ -		$ -	$ -
2035	460,628	29,092	431,536	446,082	92,832	92,832	$ -		$ -		$ -	$ -
2036	431,536	29,092	402,444	416,990	88,675	88,675	$ -		$ -		$ -	$ -
2037	402,444	29,092	373,352	387,898	84,518	84,518	$ -		$ -		$ -	$ -
2038	373,352	29,092	344,259	358,805	80,361	80,361	$ -		$ -		$ -	$ -
2039	344,259	29,092	315,167	329,713	76,204	76,204	$ -		$ -		$ -	$ -
2040	315,167	29,092	286,075	300,621	72,047	72,047	$ -		$ -		$ -	$ -
2041	286,075	29,092	256,982	271,528	67,890	67,890	$ -		$ -		$ -	$ -
2042	256,982	29,092	227,890	242,436	63,733	63,733	$ -		$ -		$ -	$ -
2043	227,890	29,092	198,798	213,344	59,576	59,576	$ -		$ -		$ -	$ -
2044	198,798	29,092	169,705	184,251	55,420	55,420	$ -		$ -		$ -	$ -
2045	169,705	29,092	140,613	155,159	51,263	51,263	$ -		$ -		$ -	$ -
2046	140,613	29,092	111,521	126,067	47,106	47,106	$ -		$ -		$ -	$ -
2047	111,521	29,092	82,428	96,974	42,949	42,949	$ -		$ -		$ -	$ -
2048	82,428	29,092	53,336	67,882	38,792	38,792	$ -		$ -		$ -	$ -
2049	53,336	29,092	24,244	38,790	34,635	34,635	$ -		$ -		$ -	$ -
2050	24,244	24,244	-	12,122	25,976	25,976	$ -		$ -		$ -	$ -
2051	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2052	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2053	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2054	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2055	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2056	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2057	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2058	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2059	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2060	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2061	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2062	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2063	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2064	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2065	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2066	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2067	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2068	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2069	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2070	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2071	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2072	-	-	-	-	-	-	$ -		$ -		$ -	$ -
Project Totals		1,076,416			4,050,008	4,050,008	-					

** 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.

Worksheet K - ATRR TRUE-UP Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

2020	Rev Require	W Incentives	Incentive Amounts
Prior Yr Projected	1,097,508	1,097,508	-
Prior Yr True-Up	991,917	991,917	-
True-Up Adjustment	(105,591)	(105,591)	-

Details			
Investment	6,849,657	Current Year	2020
Service Year (yyyy)	2013	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	14.29%
Useful life	37	FCR w/incentives approved for these facilities, less dep.	14.29%
CIAC (Yes or No)	No	Annual Depreciation Expense	185,126

TRUE UP OF PROJECT REVENUE REQUIREMENT FOR PRIOR YEAR:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	Average Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't.From Prior Year WS J w/o Incentives	RTEP Rev Req't True-up w/o Incentives	RTEP Projected Rev. Req't.From Prior Year WS J with Incentives **	RTEP Rev Req't True-up with Incentives **	True-up of Incentive with Incentives **
2013	6,849,657	-	6,849,657	6,849,657	978,731	978,731	$ -	$ 576,980	$ 401,751	$ 576,980	$ 401,751	$ -
2014	6,849,657	185,126	6,664,531	6,757,094	1,150,631	1,150,631	$ -	$ 900,905	$ 249,726	$ 900,905	$ 249,726	$ -
2015	6,664,531	185,126	6,479,405	6,571,968	1,124,178	1,124,178	$ -	$ 882,849	$ 241,329	$ 882,849	$ 241,329	$ -
2016	6,479,405	185,126	6,294,279	6,386,842	1,097,726	1,097,726	$ -	$ 964,681	$ 133,045	$ 964,681	$ 133,045	$ -
2017	6,294,279	185,126	6,109,153	6,201,716	1,071,274	1,071,274	$ -	$ 1,154,533	$ (83,259)	$ 1,154,533	$ (83,259)	$ -
2018	6,109,153	185,126	5,924,027	6,016,590	1,044,822	1,044,822	$ -	$ 1,025,972	$ 18,850	$ 1,025,972	$ 18,850	$ -
2019	5,924,027	185,126	5,738,902	5,831,465	1,018,370	1,018,370	$ -	$ 1,049,916	$ (31,547)	$ 1,049,916	$ (31,547)	$ -
2020	5,738,902	185,126	5,553,776	5,646,339	991,917	991,917	$ -	$ 1,097,508	$ (105,591)	$ 1,097,508	$ (105,591)	$ -
2021	5,553,776	185,126	5,368,650	5,461,213	965,465	965,465	$ -		$ -		$ -	$ -
2022	5,368,650	185,126	5,183,524	5,276,087	939,013	939,013	$ -		$ -		$ -	$ -
2023	5,183,524	185,126	4,998,398	5,090,961	912,561	912,561	$ -		$ -		$ -	$ -
2024	4,998,398	185,126	4,813,272	4,905,835	886,109	886,109	$ -		$ -		$ -	$ -
2025	4,813,272	185,126	4,628,146	4,720,709	859,657	859,657	$ -		$ -		$ -	$ -
2026	4,628,146	185,126	4,443,021	4,535,584	833,204	833,204	$ -		$ -		$ -	$ -
2027	4,443,021	185,126	4,257,895	4,350,458	806,752	806,752	$ -		$ -		$ -	$ -
2028	4,257,895	185,126	4,072,769	4,165,332	780,300	780,300	$ -		$ -		$ -	$ -
2029	4,072,769	185,126	3,887,643	3,980,206	753,848	753,848	$ -		$ -		$ -	$ -
2030	3,887,643	185,126	3,702,517	3,795,080	727,396	727,396	$ -		$ -		$ -	$ -
2031	3,702,517	185,126	3,517,391	3,609,954	700,943	700,943	$ -		$ -		$ -	$ -
2032	3,517,391	185,126	3,332,265	3,424,828	674,491	674,491	$ -		$ -		$ -	$ -
2033	3,332,265	185,126	3,147,140	3,239,703	648,039	648,039	$ -		$ -		$ -	$ -
2034	3,147,140	185,126	2,962,014	3,054,577	621,587	621,587	$ -		$ -		$ -	$ -
2035	2,962,014	185,126	2,776,888	2,869,451	595,135	595,135	$ -		$ -		$ -	$ -
2036	2,776,888	185,126	2,591,762	2,684,325	568,683	568,683	$ -		$ -		$ -	$ -
2037	2,591,762	185,126	2,406,636	2,499,199	542,230	542,230	$ -		$ -		$ -	$ -
2038	2,406,636	185,126	2,221,510	2,314,073	515,778	515,778	$ -		$ -		$ -	$ -
2039	2,221,510	185,126	2,036,384	2,128,947	489,326	489,326	$ -		$ -		$ -	$ -
2040	2,036,384	185,126	1,851,259	1,943,822	462,874	462,874	$ -		$ -		$ -	$ -
2041	1,851,259	185,126	1,666,133	1,758,696	436,422	436,422	$ -		$ -		$ -	$ -
2042	1,666,133	185,126	1,481,007	1,573,570	409,969	409,969	$ -		$ -		$ -	$ -
2043	1,481,007	185,126	1,295,881	1,388,444	383,517	383,517	$ -		$ -		$ -	$ -
2044	1,295,881	185,126	1,110,755	1,203,318	357,065	357,065	$ -		$ -		$ -	$ -
2045	1,110,755	185,126	925,629	1,018,192	330,613	330,613	$ -		$ -		$ -	$ -
2046	925,629	185,126	740,503	833,066	304,161	304,161	$ -		$ -		$ -	$ -
2047	740,503	185,126	555,378	647,941	277,708	277,708	$ -		$ -		$ -	$ -
2048	555,378	185,126	370,252	462,815	251,256	251,256	$ -		$ -		$ -	$ -
2049	370,252	185,126	185,126	277,689	224,804	224,804	$ -		$ -		$ -	$ -
2050	185,126	185,126	0	92,563	198,352	198,352	$ -		$ -		$ -	$ -
2051	0	0	-	0	0	0	$ -		$ -		$ -	$ -
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			25,934,906	25,934,906	-					

** 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.

Worksheet K - ATRR TRUE-UP Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

2020	Rev Require	W Incentives	Incentive Amounts
Prior Yr Projected	1,943,866	1,943,866	-
Prior Yr True-Up	3,304,644	3,304,644	-
True-Up Adjustment	1,360,778	1,360,778	-

Details

Investment	21,942,391	Current Year	2020
Service Year (yyyy)	2015	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	6	FCR w/o incentives, less depreciation	14.29%
Useful life	37	FCR w/incentives approved for these facilities, less dep.	14.29%
CIAC (Yes or No)	No	Annual Depreciation Expense	593,038

TRUE UP OF PROJECT REVENUE REQUIREMENT FOR PRIOR YEAR:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	Average Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't.From Prior Year WS J w/o Incentives	RTEP Rev Req't True-up w/o Incentives	RTEP Projected Rev. Req't.From Prior Year WS J with Incentives **	RTEP Rev Req't True-up with Incentives **	True-up of Incentive with Incentives **
2015	21,942,391	296,519	21,645,873	21,794,132	3,410,629	3,410,629	$ -	$ 962,431	$ 2,448,198	$ 962,431	$ 2,448,198	$ -
2016	21,645,873	593,038	21,052,835	21,349,354	3,643,595	3,643,595	$ -	$ 7,321,581	$ (3,677,986)	$ 7,321,581	$ (3,677,986)	$ -
2017	21,052,835	593,038	20,459,797	20,756,316	3,558,857	3,558,857	$ -	$ 4,892,362	$ (1,333,505)	$ 4,892,362	$ (1,333,505)	$ -
2018	20,459,797	593,038	19,866,760	20,163,279	3,474,119	3,474,119	$ -	$ 3,315,908	$ 158,211	$ 3,315,908	$ 158,211	$ -
2019	19,866,760	593,038	19,273,722	19,570,241	3,389,382	3,389,382	$ -	$ 1,878,388	$ 1,510,994	$ 1,878,388	$ 1,510,994	$ -
2020	19,273,722	593,038	18,680,685	18,977,203	3,304,644	3,304,644	$ -	$ 1,943,866	$ 1,360,778	$ 1,943,866	$ 1,360,778	$ -
2021	18,680,685	593,038	18,087,647	18,384,166	3,219,906	3,219,906	$ -	$ -	$ -	$ -	$ -	$ -
2022	18,087,647	593,038	17,494,609	17,791,128	3,135,169	3,135,169	$ -	$ -	$ -	$ -	$ -	$ -
2023	17,494,609	593,038	16,901,572	17,198,091	3,050,431	3,050,431	$ -		$ -		$ -	$ -
2024	16,901,572	593,038	16,308,534	16,605,053	2,965,693	2,965,693	$ -		$ -		$ -	$ -
2025	16,308,534	593,038	15,715,497	16,012,015	2,880,955	2,880,955	$ -		$ -		$ -	$ -
2026	15,715,497	593,038	15,122,459	15,418,978	2,796,218	2,796,218	$ -		$ -		$ -	$ -
2027	15,122,459	593,038	14,529,421	14,825,940	2,711,480	2,711,480	$ -		$ -		$ -	$ -
2028	14,529,421	593,038	13,936,384	14,232,903	2,626,742	2,626,742	$ -		$ -		$ -	$ -
2029	13,936,384	593,038	13,343,346	13,639,865	2,542,005	2,542,005	$ -		$ -		$ -	$ -
2030	13,343,346	593,038	12,750,309	13,046,827	2,457,267	2,457,267	$ -		$ -		$ -	$ -
2031	12,750,309	593,038	12,157,271	12,453,790	2,372,529	2,372,529	$ -		$ -		$ -	$ -
2032	12,157,271	593,038	11,564,233	11,860,752	2,287,792	2,287,792	$ -		$ -		$ -	$ -
2033	11,564,233	593,038	10,971,196	11,267,715	2,203,054	2,203,054	$ -		$ -		$ -	$ -
2034	10,971,196	593,038	10,378,158	10,674,677	2,118,316	2,118,316	$ -		$ -		$ -	$ -
2035	10,378,158	593,038	9,785,121	10,081,639	2,033,578	2,033,578	$ -		$ -		$ -	$ -
2036	9,785,121	593,038	9,192,083	9,488,602	1,948,841	1,948,841	$ -		$ -		$ -	$ -
2037	9,192,083	593,038	8,599,045	8,895,564	1,864,103	1,864,103	$ -		$ -		$ -	$ -
2038	8,599,045	593,038	8,006,008	8,302,526	1,779,365	1,779,365	$ -		$ -		$ -	$ -
2039	8,006,008	593,038	7,412,970	7,709,489	1,694,628	1,694,628	$ -		$ -		$ -	$ -
2040	7,412,970	593,038	6,819,932	7,116,451	1,609,890	1,609,890	$ -		$ -		$ -	$ -
2041	6,819,932	593,038	6,226,895	6,523,414	1,525,152	1,525,152	$ -		$ -		$ -	$ -
2042	6,226,895	593,038	5,633,857	5,930,376	1,440,415	1,440,415	$ -		$ -		$ -	$ -
2043	5,633,857	593,038	5,040,820	5,337,338	1,355,677	1,355,677	$ -		$ -		$ -	$ -
2044	5,040,820	593,038	4,447,782	4,744,301	1,270,939	1,270,939	$ -		$ -		$ -	$ -
2045	4,447,782	593,038	3,854,744	4,151,263	1,186,201	1,186,201	$ -		$ -		$ -	$ -
2046	3,854,744	593,038	3,261,707	3,558,226	1,101,464	1,101,464	$ -		$ -		$ -	$ -
2047	3,261,707	593,038	2,668,669	2,965,188	1,016,726	1,016,726	$ -		$ -		$ -	$ -
2048	2,668,669	593,038	2,075,632	2,372,150	931,988	931,988	$ -		$ -		$ -	$ -
2049	2,075,632	593,038	1,482,594	1,779,113	847,251	847,251	$ -		$ -		$ -	$ -
2050	1,482,594	593,038	889,556	1,186,075	762,513	762,513	$ -		$ -		$ -	$ -
2051	889,556	593,038	296,519	593,038	677,775	677,775	$ -		$ -		$ -	$ -
2052	296,519	296,519	-	148,259	317,703	317,703	$ -		$ -		$ -	$ -
2053	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2054	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2055	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2056	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2057	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2058	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2059	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2060	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2061	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2062	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2063	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2064	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2065	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2066	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2067	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2068	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2069	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2070	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2071	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2072	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2073	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2074	-	-	-	-	-	-	$ -		$ -		$ -	$ -
Project Totals		21,942,391			81,512,993	81,512,993	-					

** 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.

Worksheet K - ATRR TRUE-UP Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

2020	Rev Require	W Incentives	Incentive Amounts
Prior Yr Projected	1,049,321	1,049,321	-
Prior Yr True-Up	950,656	950,656	-
True-Up Adjustment	(98,665)	(98,665)	-

Details			
Investment	6,422,010	Current Year	2020
Service Year (yyyy)	2014	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	10	FCR w/o incentives, less depreciation	14.29%
Useful life	37	FCR w/incentives approved for these facilities, less dep.	14.29%
CIAC (Yes or No)	No	Annual Depreciation Expense	173,568

TRUE UP OF PROJECT REVENUE REQUIREMENT FOR PRIOR YEAR:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	Average Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't.From Prior Year WS J w/o Incentives	RTEP Rev Req't True-up w/o Incentives	RTEP Projected Rev. Req't.From Prior Year WS J with Incentives **	RTEP Rev Req't True-up with Incentives **	True-up of Incentive with Incentives **
2014	6,422,010	28,928	6,393,082	6,407,546	944,487	944,487	$ -	$ 580,874	$ 363,613	$ 580,874	$ 363,613	$ -
2015	6,393,082	173,568	6,219,515	6,306,299	1,074,659	1,074,659	$ -	$ 774,598	$ 300,061	$ 774,598	$ 300,061	$ -
2016	6,219,515	173,568	6,045,947	6,132,731	1,049,859	1,049,859	$ -	$ 868,128	$ 181,731	$ 868,128	$ 181,731	$ -
2017	6,045,947	173,568	5,872,379	5,959,163	1,025,058	1,025,058	$ -	$ 1,103,628	$ (78,570)	$ 1,103,628	$ (78,570)	$ -
2018	5,872,379	173,568	5,698,811	5,785,595	1,000,257	1,000,257	$ -	$ 983,699	$ 16,558	$ 983,699	$ 16,558	$ -
2019	5,698,811	173,568	5,525,243	5,612,027	975,457	975,457	$ -	$ 1,002,123	$ (26,666)	$ 1,002,123	$ (26,666)	$ -
2020	5,525,243	173,568	5,351,675	5,438,459	950,656	950,656	$ -	$ 1,049,321	$ (98,665)	$ 1,049,321	$ (98,665)	$ -
2021	5,351,675	173,568	5,178,108	5,264,891	925,855	925,855	$ -	$ -	$ -	$ -	$ -	$ -
2022	5,178,108	173,568	5,004,540	5,091,324	901,055	901,055	$ -		$ -		$ -	$ -
2023	5,004,540	173,568	4,830,972	4,917,756	876,254	876,254	$ -		$ -		$ -	$ -
2024	4,830,972	173,568	4,657,404	4,744,188	851,453	851,453	$ -		$ -		$ -	$ -
2025	4,657,404	173,568	4,483,836	4,570,620	826,653	826,653	$ -		$ -		$ -	$ -
2026	4,483,836	173,568	4,310,268	4,397,052	801,852	801,852	$ -		$ -		$ -	$ -
2027	4,310,268	173,568	4,136,700	4,223,484	777,051	777,051	$ -		$ -		$ -	$ -
2028	4,136,700	173,568	3,963,133	4,049,917	752,251	752,251	$ -		$ -		$ -	$ -
2029	3,963,133	173,568	3,789,565	3,876,349	727,450	727,450	$ -		$ -		$ -	$ -
2030	3,789,565	173,568	3,615,997	3,702,781	702,649	702,649	$ -		$ -		$ -	$ -
2031	3,615,997	173,568	3,442,429	3,529,213	677,848	677,848	$ -		$ -		$ -	$ -
2032	3,442,429	173,568	3,268,861	3,355,645	653,048	653,048	$ -		$ -		$ -	$ -
2033	3,268,861	173,568	3,095,293	3,182,077	628,247	628,247	$ -		$ -		$ -	$ -
2034	3,095,293	173,568	2,921,725	3,008,509	603,446	603,446	$ -		$ -		$ -	$ -
2035	2,921,725	173,568	2,748,158	2,834,942	578,646	578,646	$ -		$ -		$ -	$ -
2036	2,748,158	173,568	2,574,590	2,661,374	553,845	553,845	$ -		$ -		$ -	$ -
2037	2,574,590	173,568	2,401,022	2,487,806	529,044	529,044	$ -		$ -		$ -	$ -
2038	2,401,022	173,568	2,227,454	2,314,238	504,244	504,244	$ -		$ -		$ -	$ -
2039	2,227,454	173,568	2,053,886	2,140,670	479,443	479,443	$ -		$ -		$ -	$ -
2040	2,053,886	173,568	1,880,318	1,967,102	454,642	454,642	$ -		$ -		$ -	$ -
2041	1,880,318	173,568	1,706,751	1,793,534	429,842	429,842	$ -		$ -		$ -	$ -
2042	1,706,751	173,568	1,533,183	1,619,967	405,041	405,041	$ -		$ -		$ -	$ -
2043	1,533,183	173,568	1,359,615	1,446,399	380,240	380,240	$ -		$ -		$ -	$ -
2044	1,359,615	173,568	1,186,047	1,272,831	355,440	355,440	$ -		$ -		$ -	$ -
2045	1,186,047	173,568	1,012,479	1,099,263	330,639	330,639	$ -		$ -		$ -	$ -
2046	1,012,479	173,568	838,911	925,695	305,838	305,838	$ -		$ -		$ -	$ -
2047	838,911	173,568	665,343	752,127	281,037	281,037	$ -		$ -		$ -	$ -
2048	665,343	173,568	491,776	578,560	256,237	256,237	$ -		$ -		$ -	$ -
2049	491,776	173,568	318,208	404,992	231,436	231,436	$ -		$ -		$ -	$ -
2050	318,208	173,568	144,640	231,424	206,635	206,635	$ -		$ -		$ -	$ -
2051	144,640	144,640	-	72,320	154,973	154,973	$ -		$ -		$ -	$ -
2052	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2053	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2054	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2055	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2056	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2057	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2058	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2059	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2060	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2061	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2062	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2063	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2064	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2065	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2066	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2067	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2068	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2069	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2070	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2071	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2072	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2073	-	-	-	-	-	-	$ -		$ -		$ -	$ -
Project Totals		6,422,010			24,162,769	24,162,769	-					

** 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.

Worksheet K - ATRR TRUE-UP Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

2020	Rev Require	W Incentives	Incentive Amounts
Prior Yr Projected	2,211,159	2,211,159	-
Prior Yr True-Up	2,004,106	2,004,106	-
True-Up Adjustment	(207,053)	(207,053)	-

Details			
Investment	13,479,817	Current Year	2020
Service Year (yyyy)	2014	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	14.29%
Useful life	37	FCR w/incentives approved for these facilities, less dep.	14.29%
CIAC (Yes or No)	No	Annual Depreciation Expense	364,319

TRUE UP OF PROJECT REVENUE REQUIREMENT FOR PRIOR YEAR:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	Average Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't.From Prior Year WS J w/o Incentives	RTEP Rev Req't True-up w/o Incentives	RTEP Projected Rev. Req't.From Prior Year WS J with Incentives **	RTEP Rev Req't True-up with Incentives **	True-up of Incentive with Incentives **
2014	13,479,817	-	13,479,817	13,479,817	1,926,098	1,926,098	$ -	$ 1,611,055	$ 315,043	$ 1,611,055	$ 315,043	$ -
2015	13,479,817	364,319	13,115,498	13,297,658	2,264,389	2,264,389	$ -	$ 1,730,626	$ 533,763	$ 1,730,626	$ 533,763	$ -
2016	13,115,498	364,319	12,751,179	12,933,338	2,212,333	2,212,333	$ -	$ 1,937,127	$ 275,206	$ 1,937,127	$ 275,206	$ -
2017	12,751,179	364,319	12,386,859	12,569,019	2,160,276	2,160,276	$ -	$ 2,315,830	$ (155,554)	$ 2,315,830	$ (155,554)	$ -
2018	12,386,859	364,319	12,022,540	12,204,699	2,108,219	2,108,219	$ -	$ 2,058,911	$ 49,308	$ 2,058,911	$ 49,308	$ -
2019	12,022,540	364,319	11,658,220	11,840,380	2,056,162	2,056,162	$ -	$ 2,110,913	$ (54,750)	$ 2,110,913	$ (54,750)	$ -
2020	11,658,220	364,319	11,293,901	11,476,061	2,004,106	2,004,106	$ -	$ 2,211,159	$ (207,053)	$ 2,211,159	$ (207,053)	$ -
2021	11,293,901	364,319	10,929,582	11,111,741	1,952,049	1,952,049	$ -	$ -	$ -	$ -	$ -	$ -
2022	10,929,582	364,319	10,565,262	10,747,422	1,899,992	1,899,992	$ -		$ -		$ -	$ -
2023	10,565,262	364,319	10,200,943	10,383,103	1,847,936	1,847,936	$ -		$ -		$ -	$ -
2024	10,200,943	364,319	9,836,623	10,018,783	1,795,879	1,795,879	$ -		$ -		$ -	$ -
2025	9,836,623	364,319	9,472,304	9,654,464	1,743,822	1,743,822	$ -		$ -		$ -	$ -
2026	9,472,304	364,319	9,107,985	9,290,144	1,691,765	1,691,765	$ -		$ -		$ -	$ -
2027	9,107,985	364,319	8,743,665	8,925,825	1,639,709	1,639,709	$ -		$ -		$ -	$ -
2028	8,743,665	364,319	8,379,346	8,561,506	1,587,652	1,587,652	$ -		$ -		$ -	$ -
2029	8,379,346	364,319	8,015,026	8,197,186	1,535,595	1,535,595	$ -		$ -		$ -	$ -
2030	8,015,026	364,319	7,650,707	7,832,867	1,483,539	1,483,539	$ -		$ -		$ -	$ -
2031	7,650,707	364,319	7,286,388	7,468,547	1,431,482	1,431,482	$ -		$ -		$ -	$ -
2032	7,286,388	364,319	6,922,068	7,104,228	1,379,425	1,379,425	$ -		$ -		$ -	$ -
2033	6,922,068	364,319	6,557,749	6,739,909	1,327,368	1,327,368	$ -		$ -		$ -	$ -
2034	6,557,749	364,319	6,193,430	6,375,589	1,275,312	1,275,312	$ -		$ -		$ -	$ -
2035	6,193,430	364,319	5,829,110	6,011,270	1,223,255	1,223,255	$ -		$ -		$ -	$ -
2036	5,829,110	364,319	5,464,791	5,646,950	1,171,198	1,171,198	$ -		$ -		$ -	$ -
2037	5,464,791	364,319	5,100,471	5,282,631	1,119,142	1,119,142	$ -		$ -		$ -	$ -
2038	5,100,471	364,319	4,736,152	4,918,312	1,067,085	1,067,085	$ -		$ -		$ -	$ -
2039	4,736,152	364,319	4,371,833	4,553,992	1,015,028	1,015,028	$ -		$ -		$ -	$ -
2040	4,371,833	364,319	4,007,513	4,189,673	962,972	962,972	$ -		$ -		$ -	$ -
2041	4,007,513	364,319	3,643,194	3,825,354	910,915	910,915	$ -		$ -		$ -	$ -
2042	3,643,194	364,319	3,278,874	3,461,034	858,858	858,858	$ -		$ -		$ -	$ -
2043	3,278,874	364,319	2,914,555	3,096,715	806,801	806,801	$ -		$ -		$ -	$ -
2044	2,914,555	364,319	2,550,236	2,732,395	754,745	754,745	$ -		$ -		$ -	$ -
2045	2,550,236	364,319	2,185,916	2,368,076	702,688	702,688	$ -		$ -		$ -	$ -
2046	2,185,916	364,319	1,821,597	2,003,757	650,631	650,631	$ -		$ -		$ -	$ -
2047	1,821,597	364,319	1,457,278	1,639,437	598,575	598,575	$ -		$ -		$ -	$ -
2048	1,457,278	364,319	1,092,958	1,275,118	546,518	546,518	$ -		$ -		$ -	$ -
2049	1,092,958	364,319	728,639	910,798	494,461	494,461	$ -		$ -		$ -	$ -
2050	728,639	364,319	364,319	546,479	442,404	442,404	$ -		$ -		$ -	$ -
2051	364,319	364,319	0	182,160	390,348	390,348	$ -		$ -		$ -	$ -
2052	0	0	-	0	0	0	$ -		$ -		$ -	$ -
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			51,038,733	51,038,733	-					

** 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.

Worksheet K - ATRR TRUE-UP Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

2020	Rev Require	W Incentives	Incentive Amounts
Prior Yr Projected	-	-	-
Prior Yr True-Up	-	-	-
True-Up Adjustment	-	-	-

Details			
Investment	-	Current Year	2020
Service Year (yyyy)	2014	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	14.29%
Useful life	37	FCR w/incentives approved for these facilities, less dep.	14.29%
CIAC (Yes or No)	No	Annual Depreciation Expense	-

TRUE UP OF PROJECT REVENUE REQUIREMENT FOR PRIOR YEAR:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	Average Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't.From Prior Year WS J w/o Incentives	RTEP Rev Req't True-up w/o Incentives	RTEP Projected Rev. Req't.From Prior Year WS J with Incentives **	RTEP Rev Req't True-up with Incentives **	True-up of Incentive with Incentives **
2014	-	-	-	-	-	-	$ -	$ 1,502,768	$ (1,502,768)	$ 1,502,768	$ (1,502,768)	$ -
2015	-	-	-	-	-	-	$ -	$ 1,736,229	$ (1,736,229)	$ 1,736,229	$ (1,736,229)	$ -
2016	-	-	-	-	-	-	$ -	$ 1,915,973	$ (1,915,973)	$ 1,915,973	$ (1,915,973)	$ -
2017	-	-	-	-	-	-	$ -	$ 2,299,209	$ (2,299,209)	$ 2,299,209	$ (2,299,209)	$ -
2018	-	-	-	-	-	-	$ -	$ 2,044,134	$ (2,044,134)	$ 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.

Worksheet K - ATRR TRUE-UP Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

2020	Rev Require	W Incentives	Incentive Amounts
Prior Yr Projected	2,201,768	2,201,768	-
Prior Yr True-Up	1,990,375	1,990,375	-
True-Up Adjustment	(211,394)	(211,394)	-

Details			
Investment	13,744,474	Current Year	2020
Service Year (yyyy)	2013	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	14.29%
Useful life	37	FCR w/incentives approved for these facilities, less dep.	14.29%
CIAC (Yes or No)	No	Annual Depreciation Expense	371,472

TRUE UP OF PROJECT REVENUE REQUIREMENT FOR PRIOR YEAR:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	Average Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't.From Prior Year WS J w/o Incentives	RTEP Rev Req't True-up w/o Incentives	RTEP Projected Rev. Req't.From Prior Year WS J with Incentives **	RTEP Rev Req't True-up with Incentives **	True-up of Incentive with Incentives **
2013	13,744,474	-	13,744,474	13,744,474	1,963,914	1,963,914	$ -	$ -	$ -	$ -	$ -	$ -
2014	13,744,474	371,472	13,373,002	13,558,738	2,308,847	2,308,847	$ -	$ 294,473	$ 2,014,374	$ 294,473	$ 2,014,374	$ -
2015	13,373,002	371,472	13,001,529	13,187,265	2,255,768	2,255,768	$ -	$ 1,769,452	$ 486,316	$ 1,769,452	$ 486,316	$ -
2016	13,001,529	371,472	12,630,057	12,815,793	2,202,690	2,202,690	$ -	$ 1,930,442	$ 272,248	$ 1,930,442	$ 272,248	$ -
2017	12,630,057	371,472	12,258,585	12,444,321	2,149,611	2,149,611	$ -	$ 2,311,328	$ (161,717)	$ 2,311,328	$ (161,717)	$ -
2018	12,258,585	371,472	11,887,113	12,072,849	2,096,532	2,096,532	$ -	$ 2,058,707	$ 37,825	$ 2,058,707	$ 37,825	$ -
2019	11,887,113	371,472	11,515,640	11,701,376	2,043,453	2,043,453	$ -	$ 2,106,755	$ (63,301)	$ 2,106,755	$ (63,301)	$ -
2020	11,515,640	371,472	11,144,168	11,329,904	1,990,375	1,990,375	$ -	$ 2,201,768	$ (211,394)	$ 2,201,768	$ (211,394)	$ -
2021	11,144,168	371,472	10,772,696	10,958,432	1,937,296	1,937,296	$ -		$ -		$ -	$ -
2022	10,772,696	371,472	10,401,223	10,586,960	1,884,217	1,884,217	$ -		$ -		$ -	$ -
2023	10,401,223	371,472	10,029,751	10,215,487	1,831,138	1,831,138	$ -		$ -		$ -	$ -
2024	10,029,751	371,472	9,658,279	9,844,015	1,778,060	1,778,060	$ -		$ -		$ -	$ -
2025	9,658,279	371,472	9,286,807	9,472,543	1,724,981	1,724,981	$ -		$ -		$ -	$ -
2026	9,286,807	371,472	8,915,334	9,101,071	1,671,902	1,671,902	$ -		$ -		$ -	$ -
2027	8,915,334	371,472	8,543,862	8,729,598	1,618,823	1,618,823	$ -		$ -		$ -	$ -
2028	8,543,862	371,472	8,172,390	8,358,126	1,565,745	1,565,745	$ -		$ -		$ -	$ -
2029	8,172,390	371,472	7,800,918	7,986,654	1,512,666	1,512,666	$ -		$ -		$ -	$ -
2030	7,800,918	371,472	7,429,445	7,615,181	1,459,587	1,459,587	$ -		$ -		$ -	$ -
2031	7,429,445	371,472	7,057,973	7,243,709	1,406,508	1,406,508	$ -		$ -		$ -	$ -
2032	7,057,973	371,472	6,686,501	6,872,237	1,353,429	1,353,429	$ -		$ -		$ -	$ -
2033	6,686,501	371,472	6,315,029	6,500,765	1,300,351	1,300,351	$ -		$ -		$ -	$ -
2034	6,315,029	371,472	5,943,556	6,129,292	1,247,272	1,247,272	$ -		$ -		$ -	$ -
2035	5,943,556	371,472	5,572,084	5,757,820	1,194,193	1,194,193	$ -		$ -		$ -	$ -
2036	5,572,084	371,472	5,200,612	5,386,348	1,141,114	1,141,114	$ -		$ -		$ -	$ -
2037	5,200,612	371,472	4,829,139	5,014,876	1,088,036	1,088,036	$ -		$ -		$ -	$ -
2038	4,829,139	371,472	4,457,667	4,643,403	1,034,957	1,034,957	$ -		$ -		$ -	$ -
2039	4,457,667	371,472	4,086,195	4,271,931	981,878	981,878	$ -		$ -		$ -	$ -
2040	4,086,195	371,472	3,714,723	3,900,459	928,799	928,799	$ -		$ -		$ -	$ -
2041	3,714,723	371,472	3,343,250	3,528,987	875,721	875,721	$ -		$ -		$ -	$ -
2042	3,343,250	371,472	2,971,778	3,157,514	822,642	822,642	$ -		$ -		$ -	$ -
2043	2,971,778	371,472	2,600,306	2,786,042	769,563	769,563	$ -		$ -		$ -	$ -
2044	2,600,306	371,472	2,228,834	2,414,570	716,484	716,484	$ -		$ -		$ -	$ -
2045	2,228,834	371,472	1,857,361	2,043,097	663,405	663,405	$ -		$ -		$ -	$ -
2046	1,857,361	371,472	1,485,889	1,671,625	610,327	610,327	$ -		$ -		$ -	$ -
2047	1,485,889	371,472	1,114,417	1,300,153	557,248	557,248	$ -		$ -		$ -	$ -
2048	1,114,417	371,472	742,945	928,681	504,169	504,169	$ -		$ -		$ -	$ -
2049	742,945	371,472	371,472	557,208	451,090	451,090	$ -		$ -		$ -	$ -
2050	371,472	371,472	0	185,736	398,012	398,012	$ -		$ -		$ -	$ -
2051	0	0	-	0	0	0	$ -		$ -		$ -	$ -
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			52,040,804	52,040,804	-					

** 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.

Worksheet K - ATRR TRUE-UP Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

2020	Rev Require	W Incentives	Incentive Amounts
Prior Yr Projected	3,455,603	3,455,603	-
Prior Yr True-Up	3,130,901	3,130,901	-
True-Up Adjustment	(324,702)	(324,702)	-

Details			
Investment	21,058,753	Current Year	2020
Service Year (yyyy)	2014	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	14.29%
Useful life	37	FCR w/incentives approved for these facilities, less dep.	14.29%
CIAC (Yes or No)	No	Annual Depreciation Expense	569,155

TRUE UP OF PROJECT REVENUE REQUIREMENT FOR PRIOR YEAR:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	Average Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't.From Prior Year WS J w/o Incentives	RTEP Rev Req't True-up w/o Incentives	RTEP Projected Rev. Req't.From Prior Year WS J with Incentives **	RTEP Rev Req't True-up with Incentives **	True-up of Incentive with Incentives **
2014	21,058,753	-	21,058,753	21,058,753	3,009,034	3,009,034	$ -	$ 2,052,447	$ 956,587	$ 2,052,447	$ 956,587	$ -
2015	21,058,753	569,155	20,489,598	20,774,176	3,537,527	3,537,527	$ -	$ 2,695,147	$ 842,380	$ 2,695,147	$ 842,380	$ -
2016	20,489,598	569,155	19,920,442	20,205,020	3,456,202	3,456,202	$ -	$ 3,014,861	$ 441,341	$ 3,014,861	$ 441,341	$ -
2017	19,920,442	569,155	19,351,287	19,635,865	3,374,876	3,374,876	$ -	$ 3,618,083	$ (243,207)	$ 3,618,083	$ (243,207)	$ -
2018	19,351,287	569,155	18,782,131	19,066,709	3,293,551	3,293,551	$ -	$ 3,216,698	$ 76,853	$ 3,216,698	$ 76,853	$ -
2019	18,782,131	569,155	18,212,976	18,497,554	3,212,226	3,212,226	$ -	$ 3,297,995	$ (85,769)	$ 3,297,995	$ (85,769)	$ -
2020	18,212,976	569,155	17,643,820	17,928,398	3,130,901	3,130,901	$ -	$ 3,455,603	$ (324,702)	$ 3,455,603	$ (324,702)	$ -
2021	17,643,820	569,155	17,074,665	17,359,243	3,049,575	3,049,575	$ -	$ -	$ -	$ -	$ -	$ -
2022	17,074,665	569,155	16,505,509	16,790,087	2,968,250	2,968,250	$ -		$ -		$ -	$ -
2023	16,505,509	569,155	15,936,354	16,220,932	2,886,925	2,886,925	$ -		$ -		$ -	$ -
2024	15,936,354	569,155	15,367,198	15,651,776	2,805,600	2,805,600	$ -		$ -		$ -	$ -
2025	15,367,198	569,155	14,798,043	15,082,621	2,724,274	2,724,274	$ -		$ -		$ -	$ -
2026	14,798,043	569,155	14,228,887	14,513,465	2,642,949	2,642,949	$ -		$ -		$ -	$ -
2027	14,228,887	569,155	13,659,732	13,944,310	2,561,624	2,561,624	$ -		$ -		$ -	$ -
2028	13,659,732	569,155	13,090,576	13,375,154	2,480,299	2,480,299	$ -		$ -		$ -	$ -
2029	13,090,576	569,155	12,521,421	12,805,999	2,398,973	2,398,973	$ -		$ -		$ -	$ -
2030	12,521,421	569,155	11,952,265	12,236,843	2,317,648	2,317,648	$ -		$ -		$ -	$ -
2031	11,952,265	569,155	11,383,110	11,667,688	2,236,323	2,236,323	$ -		$ -		$ -	$ -
2032	11,383,110	569,155	10,813,954	11,098,532	2,154,998	2,154,998	$ -		$ -		$ -	$ -
2033	10,813,954	569,155	10,244,799	10,529,377	2,073,672	2,073,672	$ -		$ -		$ -	$ -
2034	10,244,799	569,155	9,675,643	9,960,221	1,992,347	1,992,347	$ -		$ -		$ -	$ -
2035	9,675,643	569,155	9,106,488	9,391,066	1,911,022	1,911,022	$ -		$ -		$ -	$ -
2036	9,106,488	569,155	8,537,332	8,821,910	1,829,697	1,829,697	$ -		$ -		$ -	$ -
2037	8,537,332	569,155	7,968,177	8,252,755	1,748,371	1,748,371	$ -		$ -		$ -	$ -
2038	7,968,177	569,155	7,399,021	7,683,599	1,667,046	1,667,046	$ -		$ -		$ -	$ -
2039	7,399,021	569,155	6,829,866	7,114,444	1,585,721	1,585,721	$ -		$ -		$ -	$ -
2040	6,829,866	569,155	6,260,710	6,545,288	1,504,396	1,504,396	$ -		$ -		$ -	$ -
2041	6,260,710	569,155	5,691,555	5,976,133	1,423,071	1,423,071	$ -		$ -		$ -	$ -
2042	5,691,555	569,155	5,122,399	5,406,977	1,341,745	1,341,745	$ -		$ -		$ -	$ -
2043	5,122,399	569,155	4,553,244	4,837,822	1,260,420	1,260,420	$ -		$ -		$ -	$ -
2044	4,553,244	569,155	3,984,088	4,268,666	1,179,095	1,179,095	$ -		$ -		$ -	$ -
2045	3,984,088	569,155	3,414,933	3,699,511	1,097,770	1,097,770	$ -		$ -		$ -	$ -
2046	3,414,933	569,155	2,845,777	3,130,355	1,016,444	1,016,444	$ -		$ -		$ -	$ -
2047	2,845,777	569,155	2,276,622	2,561,200	935,119	935,119	$ -		$ -		$ -	$ -
2048	2,276,622	569,155	1,707,466	1,992,044	853,794	853,794	$ -		$ -		$ -	$ -
2049	1,707,466	569,155	1,138,311	1,422,889	772,469	772,469	$ -		$ -		$ -	$ -
2050	1,138,311	569,155	569,155	853,733	691,143	691,143	$ -		$ -		$ -	$ -
2051	569,155	569,155	-	284,578	609,818	609,818	$ -		$ -		$ -	$ -
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			79,734,915	79,734,915	-					

** 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.

Worksheet K - ATRR TRUE-UP Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

2020	Rev Require	W Incentives	Incentive Amounts
Prior Yr Projected	**616,710**	**616,710**	-
Prior Yr True-Up	**558,602**	**558,602**	-
True-Up Adjustment	**(58,108)**	**(58,108)**	-

Details			
Investment	3,781,771	Current Year	**2020**
Service Year (yyyy)	2014	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	9	FCR w/o incentives, less depreciation	14.29%
Useful life	37	FCR w/incentives approved for these facilities, less dep.	14.29%
CIAC (Yes or No)	No	Annual Depreciation Expense	102,210

TRUE UP OF PROJECT REVENUE REQUIREMENT FOR PRIOR YEAR:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	Average Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't.From Prior Year WS J w/o Incentives	RTEP Rev Req't True-up w/o Incentives	RTEP Projected Rev. Req't.From Prior Year WS J with Incentives **	RTEP Rev Req't True-up with Incentives **	True-up of Incentive with Incentives **
2014	3,781,771	25,553	3,756,219	3,768,995	564,095	564,095	$ -	$ 2,808,368	$ (2,244,273)	$ 2,808,368	$ (2,244,273)	$ -
2015	3,756,219	102,210	3,654,009	3,705,114	631,625	631,625	$ -	$ 492,192	$ 139,433	$ 492,192	$ 139,433	$ -
2016	3,654,009	102,210	3,551,799	3,602,904	617,020	617,020	$ -	$ 539,236	$ 77,784	$ 539,236	$ 77,784	$ -
2017	3,551,799	102,210	3,449,589	3,500,694	602,416	602,416	$ -	$ 646,665	$ (44,249)	$ 646,665	$ (44,249)	$ -
2018	3,449,589	102,210	3,347,379	3,398,484	587,811	587,811	$ -	$ 574,858	$ 12,953	$ 574,858	$ 12,953	$ -
2019	3,347,379	102,210	3,245,169	3,296,274	573,207	573,207	$ -	$ 589,081	$ (15,874)	$ 589,081	$ (15,874)	$ -
2020	3,245,169	102,210	3,142,959	3,194,064	558,602	558,602	$ -	$ 616,710	$ (58,108)	$ 616,710	$ (58,108)	$ -
2021	3,142,959	102,210	3,040,749	3,091,854	543,997	543,997	$ -	$ -	$ -	$ -	$ -	$ -
2022	3,040,749	102,210	2,938,539	2,989,644	529,393	529,393	$ -		$ -		$ -	$ -
2023	2,938,539	102,210	2,836,329	2,887,434	514,788	514,788	$ -		$ -		$ -	$ -
2024	2,836,329	102,210	2,734,118	2,785,223	500,184	500,184	$ -		$ -		$ -	$ -
2025	2,734,118	102,210	2,631,908	2,683,013	485,579	485,579	$ -		$ -		$ -	$ -
2026	2,631,908	102,210	2,529,698	2,580,803	470,975	470,975	$ -		$ -		$ -	$ -
2027	2,529,698	102,210	2,427,488	2,478,593	456,370	456,370	$ -		$ -		$ -	$ -
2028	2,427,488	102,210	2,325,278	2,376,383	441,766	441,766	$ -		$ -		$ -	$ -
2029	2,325,278	102,210	2,223,068	2,274,173	427,161	427,161	$ -		$ -		$ -	$ -
2030	2,223,068	102,210	2,120,858	2,171,963	412,557	412,557	$ -		$ -		$ -	$ -
2031	2,120,858	102,210	2,018,648	2,069,753	397,952	397,952	$ -		$ -		$ -	$ -
2032	2,018,648	102,210	1,916,438	1,967,543	383,347	383,347	$ -		$ -		$ -	$ -
2033	1,916,438	102,210	1,814,228	1,865,333	368,743	368,743	$ -		$ -		$ -	$ -
2034	1,814,228	102,210	1,712,018	1,763,123	354,138	354,138	$ -		$ -		$ -	$ -
2035	1,712,018	102,210	1,609,808	1,660,913	339,534	339,534	$ -		$ -		$ -	$ -
2036	1,609,808	102,210	1,507,598	1,558,703	324,929	324,929	$ -		$ -		$ -	$ -
2037	1,507,598	102,210	1,405,388	1,456,493	310,325	310,325	$ -		$ -		$ -	$ -
2038	1,405,388	102,210	1,303,178	1,354,283	295,720	295,720	$ -		$ -		$ -	$ -
2039	1,303,178	102,210	1,200,968	1,252,073	281,116	281,116	$ -		$ -		$ -	$ -
2040	1,200,968	102,210	1,098,758	1,149,863	266,511	266,511	$ -		$ -		$ -	$ -
2041	1,098,758	102,210	996,548	1,047,653	251,907	251,907	$ -		$ -		$ -	$ -
2042	996,548	102,210	894,338	945,443	237,302	237,302	$ -		$ -		$ -	$ -
2043	894,338	102,210	792,128	843,233	222,698	222,698	$ -		$ -		$ -	$ -
2044	792,128	102,210	689,918	741,023	208,093	208,093	$ -		$ -		$ -	$ -
2045	689,918	102,210	587,708	638,813	193,488	193,488	$ -		$ -		$ -	$ -
2046	587,708	102,210	485,498	536,603	178,884	178,884	$ -		$ -		$ -	$ -
2047	485,498	102,210	383,288	434,393	164,279	164,279	$ -		$ -		$ -	$ -
2048	383,288	102,210	281,078	332,183	149,675	149,675	$ -		$ -		$ -	$ -
2049	281,078	102,210	178,868	229,973	135,070	135,070	$ -		$ -		$ -	$ -
2050	178,868	102,210	76,658	127,763	120,466	120,466	$ -		$ -		$ -	$ -
2051	76,658	76,658	-	38,329	82,134	82,134	$ -		$ -		$ -	$ -
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			14,183,857	14,183,857	-					

** 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.

Worksheet K - ATRR TRUE-UP Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

2020	Rev Require	W Incentives	Incentive Amounts
Prior Yr Projected	4,424,103	4,424,103	-
Prior Yr True-Up	4,223,512	4,223,512	-
True-Up Adjustment	(200,591)	(200,591)	-

Details			
Investment	27,342,437	Current Year	2020
Service Year (yyyy)	2016	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	6	FCR w/o incentives, less depreciation	14.29%
Useful life	37	FCR w/incentives approved for these facilities, less dep.	14.29%
CIAC (Yes or No)	No	Annual Depreciation Expense	738,985

TRUE UP OF PROJECT REVENUE REQUIREMENT FOR PRIOR YEAR:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	Average Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't.From Prior Year WS J w/o Incentives	RTEP Rev Req't True-up w/o Incentives	RTEP Projected Rev. Req't.From Prior Year WS J with Incentives **	RTEP Rev Req't True-up with Incentives **	True-up of Incentive with Incentives **
2016	27,342,437	369,492	26,972,945	27,157,691	4,249,989	4,249,989	$ -	$ 1,957,261	$ 2,292,728	$ 1,957,261	$ 2,292,728	$ -
2017	26,972,945	738,985	26,233,960	26,603,453	4,540,287	4,540,287	$ -	$ 582,397	$ 3,957,890	$ 582,397	$ 3,957,890	$ -
2018	26,233,960	738,985	25,494,975	25,864,468	4,434,696	4,434,696	$ -	$ 4,098,498	$ 336,198	$ 4,098,498	$ 336,198	$ -
2019	25,494,975	738,985	24,755,991	25,125,483	4,329,104	4,329,104	$ -	$ 4,209,863	$ 119,241	$ 4,209,863	$ 119,241	$ -
2020	24,755,991	738,985	24,017,006	24,386,498	4,223,512	4,223,512	$ -	$ 4,424,103	$ (200,591)	$ 4,424,103	$ (200,591)	$ -
2021	24,017,006	738,985	23,278,021	23,647,513	4,117,920	4,117,920	$ -	$ -	$ -	$ -	$ -	$ -
2022	23,278,021	738,985	22,539,036	22,908,529	4,012,329	4,012,329	$ -	$ -	$ -	$ -	$ -	$ -
2023	22,539,036	738,985	21,800,051	22,169,544	3,906,737	3,906,737	$ -	$ -	$ -	$ -	$ -	$ -
2024	21,800,051	738,985	21,061,067	21,430,559	3,801,145	3,801,145	$ -		$ -		$ -	$ -
2025	21,061,067	738,985	20,322,082	20,691,574	3,695,553	3,695,553	$ -		$ -		$ -	$ -
2026	20,322,082	738,985	19,583,097	19,952,589	3,589,962	3,589,962	$ -		$ -		$ -	$ -
2027	19,583,097	738,985	18,844,112	19,213,605	3,484,370	3,484,370	$ -		$ -		$ -	$ -
2028	18,844,112	738,985	18,105,128	18,474,620	3,378,778	3,378,778	$ -		$ -		$ -	$ -
2029	18,105,128	738,985	17,366,143	17,735,635	3,273,186	3,273,186	$ -		$ -		$ -	$ -
2030	17,366,143	738,985	16,627,158	16,996,650	3,167,595	3,167,595	$ -		$ -		$ -	$ -
2031	16,627,158	738,985	15,888,173	16,257,666	3,062,003	3,062,003	$ -		$ -		$ -	$ -
2032	15,888,173	738,985	15,149,188	15,518,681	2,956,411	2,956,411	$ -		$ -		$ -	$ -
2033	15,149,188	738,985	14,410,204	14,779,696	2,850,820	2,850,820	$ -		$ -		$ -	$ -
2034	14,410,204	738,985	13,671,219	14,040,711	2,745,228	2,745,228	$ -		$ -		$ -	$ -
2035	13,671,219	738,985	12,932,234	13,301,726	2,639,636	2,639,636	$ -		$ -		$ -	$ -
2036	12,932,234	738,985	12,193,249	12,562,742	2,534,044	2,534,044	$ -		$ -		$ -	$ -
2037	12,193,249	738,985	11,454,264	11,823,757	2,428,453	2,428,453	$ -		$ -		$ -	$ -
2038	11,454,264	738,985	10,715,280	11,084,772	2,322,861	2,322,861	$ -		$ -		$ -	$ -
2039	10,715,280	738,985	9,976,295	10,345,787	2,217,269	2,217,269	$ -		$ -		$ -	$ -
2040	9,976,295	738,985	9,237,310	9,606,802	2,111,677	2,111,677	$ -		$ -		$ -	$ -
2041	9,237,310	738,985	8,498,325	8,867,818	2,006,086	2,006,086	$ -		$ -		$ -	$ -
2042	8,498,325	738,985	7,759,340	8,128,833	1,900,494	1,900,494	$ -		$ -		$ -	$ -
2043	7,759,340	738,985	7,020,356	7,389,848	1,794,902	1,794,902	$ -		$ -		$ -	$ -
2044	7,020,356	738,985	6,281,371	6,650,863	1,689,310	1,689,310	$ -		$ -		$ -	$ -
2045	6,281,371	738,985	5,542,386	5,911,878	1,583,719	1,583,719	$ -		$ -		$ -	$ -
2046	5,542,386	738,985	4,803,401	5,172,894	1,478,127	1,478,127	$ -		$ -		$ -	$ -
2047	4,803,401	738,985	4,064,416	4,433,909	1,372,535	1,372,535	$ -		$ -		$ -	$ -
2048	4,064,416	738,985	3,325,432	3,694,924	1,266,943	1,266,943	$ -		$ -		$ -	$ -
2049	3,325,432	738,985	2,586,447	2,955,939	1,161,352	1,161,352	$ -		$ -		$ -	$ -
2050	2,586,447	738,985	1,847,462	2,216,954	1,055,760	1,055,760	$ -		$ -		$ -	$ -
2051	1,847,462	738,985	1,108,477	1,477,970	950,168	950,168	$ -		$ -		$ -	$ -
2052	1,108,477	738,985	369,492	738,985	844,577	844,577	$ -		$ -		$ -	$ -
2053	369,492	369,492	-	184,746	395,890	395,890	$ -		$ -		$ -	$ -
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			101,573,428	101,573,428	-					

** 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.

Worksheet K - ATRR TRUE-UP Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

2020	Rev Require	W Incentives	Incentive Amounts
Prior Yr Projected	1,031,481	1,031,481	-
Prior Yr True-Up	936,073	936,073	-
True-Up Adjustment	(95,408)	(95,408)	-

Details			
Investment	6,215,398	Current Year	2020
Service Year (yyyy)	2015	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	6	FCR w/o incentives, less depreciation	14.29%
Useful life	37	FCR w/incentives approved for these facilities, less dep.	14.29%
CIAC (Yes or No)	No	Annual Depreciation Expense	167,984

TRUE UP OF PROJECT REVENUE REQUIREMENT FOR PRIOR YEAR:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	Average Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't.From Prior Year WS J w/o Incentives	RTEP Rev Req't True-up w/o Incentives	RTEP Projected Rev. Req't.From Prior Year WS J with Incentives **	RTEP Rev Req't True-up with Incentives **	True-up of Incentive with Incentives **
2015	6,215,398	83,992	6,131,406	6,173,402	966,094	966,094	$ -	$ 643,594	$ 322,500	$ 643,594	$ 322,500	$ -
2016	6,131,406	167,984	5,963,422	6,047,414	1,032,084	1,032,084	$ -	$ 866,696	$ 165,388	$ 866,696	$ 165,388	$ -
2017	5,963,422	167,984	5,795,438	5,879,430	1,008,081	1,008,081	$ -	$ 1,077,982	$ (69,901)	$ 1,077,982	$ (69,901)	$ -
2018	5,795,438	167,984	5,627,455	5,711,446	984,078	984,078	$ -	$ 958,607	$ 25,471	$ 958,607	$ 25,471	$ -
2019	5,627,455	167,984	5,459,471	5,543,463	960,076	960,076	$ -	$ 983,630	$ (23,555)	$ 983,630	$ (23,555)	$ -
2020	5,459,471	167,984	5,291,487	5,375,479	936,073	936,073	$ -	$ 1,031,481	$ (95,408)	$ 1,031,481	$ (95,408)	$ -
2021	5,291,487	167,984	5,123,503	5,207,495	912,070	912,070	$ -	$ -	$ -	$ -	$ -	$ -
2022	5,123,503	167,984	4,955,520	5,039,512	888,067	888,067	$ -	$ -	$ -	$ -	$ -	$ -
2023	4,955,520	167,984	4,787,536	4,871,528	864,064	864,064	$ -		$ -		$ -	$ -
2024	4,787,536	167,984	4,619,552	4,703,544	840,062	840,062	$ -		$ -		$ -	$ -
2025	4,619,552	167,984	4,451,569	4,535,560	816,059	816,059	$ -		$ -		$ -	$ -
2026	4,451,569	167,984	4,283,585	4,367,577	792,056	792,056	$ -		$ -		$ -	$ -
2027	4,283,585	167,984	4,115,601	4,199,593	768,053	768,053	$ -		$ -		$ -	$ -
2028	4,115,601	167,984	3,947,617	4,031,609	744,051	744,051	$ -		$ -		$ -	$ -
2029	3,947,617	167,984	3,779,634	3,863,626	720,048	720,048	$ -		$ -		$ -	$ -
2030	3,779,634	167,984	3,611,650	3,695,642	696,045	696,045	$ -		$ -		$ -	$ -
2031	3,611,650	167,984	3,443,666	3,527,658	672,042	672,042	$ -		$ -		$ -	$ -
2032	3,443,666	167,984	3,275,683	3,359,674	648,039	648,039	$ -		$ -		$ -	$ -
2033	3,275,683	167,984	3,107,699	3,191,691	624,037	624,037	$ -		$ -		$ -	$ -
2034	3,107,699	167,984	2,939,715	3,023,707	600,034	600,034	$ -		$ -		$ -	$ -
2035	2,939,715	167,984	2,771,731	2,855,723	576,031	576,031	$ -		$ -		$ -	$ -
2036	2,771,731	167,984	2,603,748	2,687,740	552,028	552,028	$ -		$ -		$ -	$ -
2037	2,603,748	167,984	2,435,764	2,519,756	528,025	528,025	$ -		$ -		$ -	$ -
2038	2,435,764	167,984	2,267,780	2,351,772	504,023	504,023	$ -		$ -		$ -	$ -
2039	2,267,780	167,984	2,099,797	2,183,788	480,020	480,020	$ -		$ -		$ -	$ -
2040	2,099,797	167,984	1,931,813	2,015,805	456,017	456,017	$ -		$ -		$ -	$ -
2041	1,931,813	167,984	1,763,829	1,847,821	432,014	432,014	$ -		$ -		$ -	$ -
2042	1,763,829	167,984	1,595,845	1,679,837	408,012	408,012	$ -		$ -		$ -	$ -
2043	1,595,845	167,984	1,427,862	1,511,853	384,009	384,009	$ -		$ -		$ -	$ -
2044	1,427,862	167,984	1,259,878	1,343,870	360,006	360,006	$ -		$ -		$ -	$ -
2045	1,259,878	167,984	1,091,894	1,175,886	336,003	336,003	$ -		$ -		$ -	$ -
2046	1,091,894	167,984	923,910	1,007,902	312,000	312,000	$ -		$ -		$ -	$ -
2047	923,910	167,984	755,927	839,919	287,998	287,998	$ -		$ -		$ -	$ -
2048	755,927	167,984	587,943	671,935	263,995	263,995	$ -		$ -		$ -	$ -
2049	587,943	167,984	419,959	503,951	239,992	239,992	$ -		$ -		$ -	$ -
2050	419,959	167,984	251,976	335,967	215,989	215,989	$ -		$ -		$ -	$ -
2051	251,976	167,984	83,992	167,984	191,987	191,987	$ -		$ -		$ -	$ -
2052	83,992	83,992	-	41,996	89,993	89,993	$ -		$ -		$ -	$ -
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			23,089,355	23,089,355	-					

** 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.

Worksheet K - ATRR TRUE-UP Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

2020	Rev Require	W Incentives	Incentive Amounts
Prior Yr Projected	3,061,483	3,061,483	-
Prior Yr True-Up	2,778,884	2,778,884	-
True-Up Adjustment	(282,599)	(282,599)	-

Details			
Investment	18,412,074	Current Year	2020
Service Year (yyyy)	2015	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	7	FCR w/o incentives, less depreciation	14.29%
Useful life	37	FCR w/incentives approved for these facilities, less dep.	14.29%
CIAC (Yes or No)	No	Annual Depreciation Expense	497,624

TRUE UP OF PROJECT REVENUE REQUIREMENT FOR PRIOR YEAR:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	Average Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't.From Prior Year WS J w/o Incentives	RTEP Rev Req't True-up w/o Incentives	RTEP Projected Rev. Req't.From Prior Year WS J with Incentives **	RTEP Rev Req't True-up with Incentives **	True-up of Incentive with Incentives **
2015	18,412,074	207,343	18,204,731	18,308,403	2,823,386	2,823,386	$ -	$ 1,528,116	$ 1,295,270	$ 1,528,116	$ 1,295,270	$ -
2016	18,204,731	497,624	17,707,108	17,955,919	3,063,301	3,063,301	$ -	$ 887,506	$ 2,175,795	$ 887,506	$ 2,175,795	$ -
2017	17,707,108	497,624	17,209,484	17,458,296	2,992,197	2,992,197	$ -	$ 1,060,430	$ 1,931,767	$ 1,060,430	$ 1,931,767	$ -
2018	17,209,484	497,624	16,711,860	16,960,672	2,921,093	2,921,093	$ -	$ 930,781	$ 1,990,312	$ 930,781	$ 1,990,312	$ -
2019	16,711,860	497,624	16,214,237	16,463,049	2,849,988	2,849,988	$ -	$ 2,918,930	$ (68,942)	$ 2,918,930	$ (68,942)	$ -
2020	16,214,237	497,624	15,716,613	15,965,425	2,778,884	2,778,884	$ -	$ 3,061,483	$ (282,599)	$ 3,061,483	$ (282,599)	$ -
2021	15,716,613	497,624	15,218,989	15,467,801	2,707,780	2,707,780	$ -	$ -	$ -	$ -	$ -	$ -
2022	15,218,989	497,624	14,721,366	14,970,178	2,636,676	2,636,676	$ -	$ -	$ -	$ -	$ -	$ -
2023	14,721,366	497,624	14,223,742	14,472,554	2,565,572	2,565,572	$ -		$ -		$ -	$ -
2024	14,223,742	497,624	13,726,119	13,974,930	2,494,467	2,494,467	$ -		$ -		$ -	$ -
2025	13,726,119	497,624	13,228,495	13,477,307	2,423,363	2,423,363	$ -		$ -		$ -	$ -
2026	13,228,495	497,624	12,730,871	12,979,683	2,352,259	2,352,259	$ -		$ -		$ -	$ -
2027	12,730,871	497,624	12,233,248	12,482,059	2,281,155	2,281,155	$ -		$ -		$ -	$ -
2028	12,233,248	497,624	11,735,624	11,984,436	2,210,050	2,210,050	$ -		$ -		$ -	$ -
2029	11,735,624	497,624	11,238,000	11,486,812	2,138,946	2,138,946	$ -		$ -		$ -	$ -
2030	11,238,000	497,624	10,740,377	10,989,189	2,067,842	2,067,842	$ -		$ -		$ -	$ -
2031	10,740,377	497,624	10,242,753	10,491,565	1,996,738	1,996,738	$ -		$ -		$ -	$ -
2032	10,242,753	497,624	9,745,129	9,993,941	1,925,634	1,925,634	$ -		$ -		$ -	$ -
2033	9,745,129	497,624	9,247,506	9,496,318	1,854,529	1,854,529	$ -		$ -		$ -	$ -
2034	9,247,506	497,624	8,749,882	8,998,694	1,783,425	1,783,425	$ -		$ -		$ -	$ -
2035	8,749,882	497,624	8,252,259	8,501,070	1,712,321	1,712,321	$ -		$ -		$ -	$ -
2036	8,252,259	497,624	7,754,635	8,003,447	1,641,217	1,641,217	$ -		$ -		$ -	$ -
2037	7,754,635	497,624	7,257,011	7,505,823	1,570,112	1,570,112	$ -		$ -		$ -	$ -
2038	7,257,011	497,624	6,759,388	7,008,199	1,499,008	1,499,008	$ -		$ -		$ -	$ -
2039	6,759,388	497,624	6,261,764	6,510,576	1,427,904	1,427,904	$ -		$ -		$ -	$ -
2040	6,261,764	497,624	5,764,140	6,012,952	1,356,800	1,356,800	$ -		$ -		$ -	$ -
2041	5,764,140	497,624	5,266,517	5,515,329	1,285,695	1,285,695	$ -		$ -		$ -	$ -
2042	5,266,517	497,624	4,768,893	5,017,705	1,214,591	1,214,591	$ -		$ -		$ -	$ -
2043	4,768,893	497,624	4,271,270	4,520,081	1,143,487	1,143,487	$ -		$ -		$ -	$ -
2044	4,271,270	497,624	3,773,646	4,022,458	1,072,383	1,072,383	$ -		$ -		$ -	$ -
2045	3,773,646	497,624	3,276,022	3,524,834	1,001,279	1,001,279	$ -		$ -		$ -	$ -
2046	3,276,022	497,624	2,778,399	3,027,210	930,174	930,174	$ -		$ -		$ -	$ -
2047	2,778,399	497,624	2,280,775	2,529,587	859,070	859,070	$ -		$ -		$ -	$ -
2048	2,280,775	497,624	1,783,151	2,031,963	787,966	787,966	$ -		$ -		$ -	$ -
2049	1,783,151	497,624	1,285,528	1,534,340	716,862	716,862	$ -		$ -		$ -	$ -
2050	1,285,528	497,624	787,904	1,036,716	645,757	645,757	$ -		$ -		$ -	$ -
2051	787,904	497,624	290,280	539,092	574,653	574,653	$ -		$ -		$ -	$ -
2052	290,280	290,280	-	145,140	311,019	311,019	$ -		$ -		$ -	$ -
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			68,617,584	68,617,584	-					

** 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.

Worksheet K - ATRR TRUE-UP Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

Project Description: RTEP ID: b1819 (Rebuild the Robinson Park-Sorneson 138 kV line corridor as a 345 kV double circuit line with one side operated at 345 kV and one side at 138 kV)

2020	Rev Require	W Incentives	Incentive Amounts
Prior Yr Projected	-	-	-
Prior Yr True-Up	-	-	-
True-Up Adjustment	-	-	-

Details			
Investment	-	Current Year	2020
Service Year (yyyy)		ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)		FCR w/o incentives, less depreciation	14.29%
Useful life	37	FCR w/incentives approved for these facilities, less dep.	14.29%
CIAC (Yes or No)	No	Annual Depreciation Expense	-

TRUE UP OF PROJECT REVENUE REQUIREMENT FOR PRIOR YEAR:

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

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

Worksheet K - ATRR TRUE-UP Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

2020	Rev Require	W Incentives	Incentive Amounts
Prior Yr Projected	1,235,701	1,235,701	-
Prior Yr True-Up	1,122,785	1,122,785	-
True-Up Adjustment	(112,916)	(112,916)	-

Details			
Investment	7,360,772	Current Year	2020
Service Year (yyyy)	2015	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	14.29%
Useful life	37	FCR w/incentives approved for these facilities, less dep.	14.29%
CIAC (Yes or No)	No	Annual Depreciation Expense	198,940

TRUE UP OF PROJECT REVENUE REQUIREMENT FOR PRIOR YEAR:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	Average Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't.From Prior Year WS J w/o Incentives	RTEP Rev Req't True-up w/o Incentives	RTEP Projected Rev. Req't.From Prior Year WS J with Incentives **	RTEP Rev Req't True-up with Incentives **	True-up of Incentive with Incentives **
2015	7,360,772	-	7,360,772	7,360,772	1,051,763	1,051,763	$ -	$ 714,472	$ 337,291	$ 714,472	$ 337,291	$ -
2016	7,360,772	198,940	7,161,832	7,261,302	1,236,489	1,236,489	$ -	$ 1,030,854	$ 205,635	$ 1,030,854	$ 205,635	$ -
2017	7,161,832	198,940	6,962,892	7,062,362	1,208,063	1,208,063	$ -	$ 1,310,546	$ (102,483)	$ 1,310,546	$ (102,483)	$ -
2018	6,962,892	198,940	6,763,952	6,863,422	1,179,637	1,179,637	$ -	$ 1,148,932	$ 30,705	$ 1,148,932	$ 30,705	$ -
2019	6,763,952	198,940	6,565,013	6,664,483	1,151,211	1,151,211	$ -	$ 1,177,105	$ (25,893)	$ 1,177,105	$ (25,893)	$ -
2020	6,565,013	198,940	6,366,073	6,465,543	1,122,785	1,122,785	$ -	$ 1,235,701	$ (112,916)	$ 1,235,701	$ (112,916)	$ -
2021	6,366,073	198,940	6,167,133	6,266,603	1,094,359	1,094,359	$ -	$ -	$ -	$ -	$ -	$ -
2022	6,167,133	198,940	5,968,193	6,067,663	1,065,933	1,065,933	$ -	$ -	$ -	$ -	$ -	$ -
2023	5,968,193	198,940	5,769,254	5,868,723	1,037,507	1,037,507	$ -		$ -		$ -	$ -
2024	5,769,254	198,940	5,570,314	5,669,784	1,009,081	1,009,081	$ -		$ -		$ -	$ -
2025	5,570,314	198,940	5,371,374	5,470,844	980,655	980,655	$ -		$ -		$ -	$ -
2026	5,371,374	198,940	5,172,434	5,271,904	952,229	952,229	$ -		$ -		$ -	$ -
2027	5,172,434	198,940	4,973,494	5,072,964	923,803	923,803	$ -		$ -		$ -	$ -
2028	4,973,494	198,940	4,774,555	4,874,025	895,377	895,377	$ -		$ -		$ -	$ -
2029	4,774,555	198,940	4,575,615	4,675,085	866,951	866,951	$ -		$ -		$ -	$ -
2030	4,575,615	198,940	4,376,675	4,476,145	838,525	838,525	$ -		$ -		$ -	$ -
2031	4,376,675	198,940	4,177,735	4,277,205	810,099	810,099	$ -		$ -		$ -	$ -
2032	4,177,735	198,940	3,978,796	4,078,265	781,673	781,673	$ -		$ -		$ -	$ -
2033	3,978,796	198,940	3,779,856	3,879,326	753,247	753,247	$ -		$ -		$ -	$ -
2034	3,779,856	198,940	3,580,916	3,680,386	724,821	724,821	$ -		$ -		$ -	$ -
2035	3,580,916	198,940	3,381,976	3,481,446	696,395	696,395	$ -		$ -		$ -	$ -
2036	3,381,976	198,940	3,183,036	3,282,506	667,969	667,969	$ -		$ -		$ -	$ -
2037	3,183,036	198,940	2,984,097	3,083,567	639,543	639,543	$ -		$ -		$ -	$ -
2038	2,984,097	198,940	2,785,157	2,884,627	611,117	611,117	$ -		$ -		$ -	$ -
2039	2,785,157	198,940	2,586,217	2,685,687	582,691	582,691	$ -		$ -		$ -	$ -
2040	2,586,217	198,940	2,387,277	2,486,747	554,265	554,265	$ -		$ -		$ -	$ -
2041	2,387,277	198,940	2,188,338	2,287,807	525,839	525,839	$ -		$ -		$ -	$ -
2042	2,188,338	198,940	1,989,398	2,088,868	497,413	497,413	$ -		$ -		$ -	$ -
2043	1,989,398	198,940	1,790,458	1,889,928	468,987	468,987	$ -		$ -		$ -	$ -
2044	1,790,458	198,940	1,591,518	1,690,988	440,561	440,561	$ -		$ -		$ -	$ -
2045	1,591,518	198,940	1,392,578	1,492,048	412,135	412,135	$ -		$ -		$ -	$ -
2046	1,392,578	198,940	1,193,639	1,293,109	383,709	383,709	$ -		$ -		$ -	$ -
2047	1,193,639	198,940	994,699	1,094,169	355,283	355,283	$ -		$ -		$ -	$ -
2048	994,699	198,940	795,759	895,229	326,857	326,857	$ -		$ -		$ -	$ -
2049	795,759	198,940	596,819	696,289	298,431	298,431	$ -		$ -		$ -	$ -
2050	596,819	198,940	397,880	497,349	270,005	270,005	$ -		$ -		$ -	$ -
2051	397,880	198,940	198,940	298,410	241,579	241,579	$ -		$ -		$ -	$ -
2052	198,940	198,940	0	99,470	213,153	213,153	$ -		$ -		$ -	$ -
2053	0	0	-	0	0	0	$ -		$ -		$ -	$ -
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			27,870,145	27,870,145	-					

** 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.

Worksheet K - ATRR TRUE-UP Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

2020	Rev Require	W Incentives	Incentive Amounts
Prior Yr Projected	8,458,843	8,458,843	-
Prior Yr True-Up	7,676,435	7,676,435	-
True-Up Adjustment	(782,408)	(782,408)	-

Details			
Investment	50,970,497	Current Year	2020
Service Year (yyyy)	2015	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	6	FCR w/o incentives, less depreciation	14.29%
Useful life	37	FCR w/incentives approved for these facilities, less dep.	14.29%
CIAC (Yes or No)	No	Annual Depreciation Expense	1,377,581

TRUE UP OF PROJECT REVENUE REQUIREMENT FOR PRIOR YEAR:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	Average Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't.From Prior Year WS J w/o Incentives	RTEP Rev Req't True-up w/o Incentives	RTEP Projected Rev. Req't.From Prior Year WS J with Incentives **	RTEP Rev Req't True-up with Incentives **	True-up of Incentive with Incentives **
2015	50,970,497	688,791	50,281,707	50,626,102	7,922,631	7,922,631	$ -	$ 6,416,043	$ 1,506,588	$ 6,416,043	$ 1,506,588	$ -
2016	50,281,707	1,377,581	48,904,126	49,592,916	8,463,792	8,463,792	$ -	$ 7,260,678	$ 1,203,114	$ 7,260,678	$ 1,203,114	$ -
2017	48,904,126	1,377,581	47,526,545	48,215,335	8,266,953	8,266,953	$ -	$ 8,690,541	$ (423,588)	$ 8,690,541	$ (423,588)	$ -
2018	47,526,545	1,377,581	46,148,964	46,837,754	8,070,114	8,070,114	$ -	$ 7,830,032	$ 240,082	$ 7,830,032	$ 240,082	$ -
2019	46,148,964	1,377,581	44,771,383	45,460,173	7,873,274	7,873,274	$ -	$ 8,066,438	$ (193,163)	$ 8,066,438	$ (193,163)	$ -
2020	44,771,383	1,377,581	43,393,802	44,082,592	7,676,435	7,676,435	$ -	$ 8,458,843	$ (782,408)	$ 8,458,843	$ (782,408)	$ -
2021	43,393,802	1,377,581	42,016,221	42,705,011	7,479,596	7,479,596	$ -	$ -	$ -	$ -	$ -	$ -
2022	42,016,221	1,377,581	40,638,640	41,327,430	7,282,757	7,282,757	$ -	$ -	$ -	$ -	$ -	$ -
2023	40,638,640	1,377,581	39,261,059	39,949,849	7,085,918	7,085,918	$ -		$ -		$ -	$ -
2024	39,261,059	1,377,581	37,883,478	38,572,268	6,889,078	6,889,078	$ -		$ -		$ -	$ -
2025	37,883,478	1,377,581	36,505,897	37,194,687	6,692,239	6,692,239	$ -		$ -		$ -	$ -
2026	36,505,897	1,377,581	35,128,316	35,817,106	6,495,400	6,495,400	$ -		$ -		$ -	$ -
2027	35,128,316	1,377,581	33,750,735	34,439,525	6,298,561	6,298,561	$ -		$ -		$ -	$ -
2028	33,750,735	1,377,581	32,373,154	33,061,944	6,101,722	6,101,722	$ -		$ -		$ -	$ -
2029	32,373,154	1,377,581	30,995,573	31,684,363	5,904,882	5,904,882	$ -		$ -		$ -	$ -
2030	30,995,573	1,377,581	29,617,992	30,306,782	5,708,043	5,708,043	$ -		$ -		$ -	$ -
2031	29,617,992	1,377,581	28,240,411	28,929,201	5,511,204	5,511,204	$ -		$ -		$ -	$ -
2032	28,240,411	1,377,581	26,862,830	27,551,620	5,314,365	5,314,365	$ -		$ -		$ -	$ -
2033	26,862,830	1,377,581	25,485,249	26,174,039	5,117,526	5,117,526	$ -		$ -		$ -	$ -
2034	25,485,249	1,377,581	24,107,668	24,796,458	4,920,686	4,920,686	$ -		$ -		$ -	$ -
2035	24,107,668	1,377,581	22,730,087	23,418,877	4,723,847	4,723,847	$ -		$ -		$ -	$ -
2036	22,730,087	1,377,581	21,352,506	22,041,296	4,527,008	4,527,008	$ -		$ -		$ -	$ -
2037	21,352,506	1,377,581	19,974,925	20,663,715	4,330,169	4,330,169	$ -		$ -		$ -	$ -
2038	19,974,925	1,377,581	18,597,344	19,286,134	4,133,330	4,133,330	$ -		$ -		$ -	$ -
2039	18,597,344	1,377,581	17,219,763	17,908,553	3,936,490	3,936,490	$ -		$ -		$ -	$ -
2040	17,219,763	1,377,581	15,842,182	16,530,972	3,739,651	3,739,651	$ -		$ -		$ -	$ -
2041	15,842,182	1,377,581	14,464,601	15,153,391	3,542,812	3,542,812	$ -		$ -		$ -	$ -
2042	14,464,601	1,377,581	13,087,020	13,775,810	3,345,973	3,345,973	$ -		$ -		$ -	$ -
2043	13,087,020	1,377,581	11,709,439	12,398,229	3,149,134	3,149,134	$ -		$ -		$ -	$ -
2044	11,709,439	1,377,581	10,331,858	11,020,648	2,952,295	2,952,295	$ -		$ -		$ -	$ -
2045	10,331,858	1,377,581	8,954,277	9,643,067	2,755,455	2,755,455	$ -		$ -		$ -	$ -
2046	8,954,277	1,377,581	7,576,696	8,265,486	2,558,616	2,558,616	$ -		$ -		$ -	$ -
2047	7,576,696	1,377,581	6,199,115	6,887,905	2,361,777	2,361,777	$ -		$ -		$ -	$ -
2048	6,199,115	1,377,581	4,821,534	5,510,324	2,164,938	2,164,938	$ -		$ -		$ -	$ -
2049	4,821,534	1,377,581	3,443,953	4,132,743	1,968,099	1,968,099	$ -		$ -		$ -	$ -
2050	3,443,953	1,377,581	2,066,372	2,755,162	1,771,259	1,771,259	$ -		$ -		$ -	$ -
2051	2,066,372	1,377,581	688,791	1,377,581	1,574,420	1,574,420	$ -		$ -		$ -	$ -
2052	688,791	688,791	-	344,395	738,000	738,000	$ -		$ -		$ -	$ -
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			189,348,449	189,348,449	-					

** 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.

Worksheet K - ATRR TRUE-UP Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

2020	Rev Require	W Incentives	Incentive Amounts
Prior Yr Projected	8,678,860	8,678,860	-
Prior Yr True-Up	7,874,462	7,874,462	-
True-Up Adjustment	(804,398)	(804,398)	-

Details			
Investment	52,397,331	Current Year	2020
Service Year (yyyy)	2015	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	5	FCR w/o incentives, less depreciation	14.29%
Useful life	37	FCR w/incentives approved for these facilities, less dep.	14.29%
CIAC (Yes or No)	No	Annual Depreciation Expense	1,416,144

TRUE UP OF PROJECT REVENUE REQUIREMENT FOR PRIOR YEAR:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	Average Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't.From Prior Year WS J w/o Incentives	RTEP Rev Req't True-up w/o Incentives	RTEP Projected Rev. Req't.From Prior Year WS J with Incentives **	RTEP Rev Req't True-up with Incentives **	True-up of Incentive with Incentives **
2015	52,397,331	826,084	51,571,247	51,984,289	8,253,992	8,253,992	$ -	$ 7,243,003	$ 1,010,989	$ 7,243,003	$ 1,010,989	$ -
2016	51,571,247	1,416,144	50,155,103	50,863,175	8,683,859	8,683,859	$ -	$ 7,538,577	$ 1,145,282	$ 7,538,577	$ 1,145,282	$ -
2017	50,155,103	1,416,144	48,738,959	49,447,031	8,481,510	8,481,510	$ -	$ 9,073,387	$ (591,877)	$ 9,073,387	$ (591,877)	$ -
2018	48,738,959	1,416,144	47,322,815	48,030,887	8,279,160	8,279,160	$ -	$ 8,068,347	$ 210,813	$ 8,068,347	$ 210,813	$ -
2019	47,322,815	1,416,144	45,906,671	46,614,743	8,076,811	8,076,811	$ -	$ 8,277,757	$ (200,946)	$ 8,277,757	$ (200,946)	$ -
2020	45,906,671	1,416,144	44,490,527	45,198,599	7,874,462	7,874,462	$ -	$ 8,678,860	$ (804,398)	$ 8,678,860	$ (804,398)	$ -
2021	44,490,527	1,416,144	43,074,383	43,782,455	7,672,112	7,672,112	$ -	$ -	$ -	$ -	$ -	$ -
2022	43,074,383	1,416,144	41,658,239	42,366,311	7,469,763	7,469,763	$ -	$ -	$ -	$ -	$ -	$ -
2023	41,658,239	1,416,144	40,242,095	40,950,167	7,267,414	7,267,414	$ -		$ -		$ -	$ -
2024	40,242,095	1,416,144	38,825,950	39,534,022	7,065,064	7,065,064	$ -		$ -		$ -	$ -
2025	38,825,950	1,416,144	37,409,806	38,117,878	6,862,715	6,862,715	$ -		$ -		$ -	$ -
2026	37,409,806	1,416,144	35,993,662	36,701,734	6,660,365	6,660,365	$ -		$ -		$ -	$ -
2027	35,993,662	1,416,144	34,577,518	35,285,590	6,458,016	6,458,016	$ -		$ -		$ -	$ -
2028	34,577,518	1,416,144	33,161,374	33,869,446	6,255,667	6,255,667	$ -		$ -		$ -	$ -
2029	33,161,374	1,416,144	31,745,230	32,453,302	6,053,317	6,053,317	$ -		$ -		$ -	$ -
2030	31,745,230	1,416,144	30,329,086	31,037,158	5,850,968	5,850,968	$ -		$ -		$ -	$ -
2031	30,329,086	1,416,144	28,912,942	29,621,014	5,648,619	5,648,619	$ -		$ -		$ -	$ -
2032	28,912,942	1,416,144	27,496,798	28,204,870	5,446,269	5,446,269	$ -		$ -		$ -	$ -
2033	27,496,798	1,416,144	26,080,654	26,788,726	5,243,920	5,243,920	$ -		$ -		$ -	$ -
2034	26,080,654	1,416,144	24,664,510	25,372,582	5,041,570	5,041,570	$ -		$ -		$ -	$ -
2035	24,664,510	1,416,144	23,248,365	23,956,438	4,839,221	4,839,221	$ -		$ -		$ -	$ -
2036	23,248,365	1,416,144	21,832,221	22,540,293	4,636,872	4,636,872	$ -		$ -		$ -	$ -
2037	21,832,221	1,416,144	20,416,077	21,124,149	4,434,522	4,434,522	$ -		$ -		$ -	$ -
2038	20,416,077	1,416,144	18,999,933	19,708,005	4,232,173	4,232,173	$ -		$ -		$ -	$ -
2039	18,999,933	1,416,144	17,583,789	18,291,861	4,029,824	4,029,824	$ -		$ -		$ -	$ -
2040	17,583,789	1,416,144	16,167,645	16,875,717	3,827,474	3,827,474	$ -		$ -		$ -	$ -
2041	16,167,645	1,416,144	14,751,501	15,459,573	3,625,125	3,625,125	$ -		$ -		$ -	$ -
2042	14,751,501	1,416,144	13,335,357	14,043,429	3,422,775	3,422,775	$ -		$ -		$ -	$ -
2043	13,335,357	1,416,144	11,919,213	12,627,285	3,220,426	3,220,426	$ -		$ -		$ -	$ -
2044	11,919,213	1,416,144	10,503,069	11,211,141	3,018,077	3,018,077	$ -		$ -		$ -	$ -
2045	10,503,069	1,416,144	9,086,925	9,794,997	2,815,727	2,815,727	$ -		$ -		$ -	$ -
2046	9,086,925	1,416,144	7,670,780	8,378,853	2,613,378	2,613,378	$ -		$ -		$ -	$ -
2047	7,670,780	1,416,144	6,254,636	6,962,708	2,411,029	2,411,029	$ -		$ -		$ -	$ -
2048	6,254,636	1,416,144	4,838,492	5,546,564	2,208,679	2,208,679	$ -		$ -		$ -	$ -
2049	4,838,492	1,416,144	3,422,348	4,130,420	2,006,330	2,006,330	$ -		$ -		$ -	$ -
2050	3,422,348	1,416,144	2,006,204	2,714,276	1,803,980	1,803,980	$ -		$ -		$ -	$ -
2051	2,006,204	1,416,144	590,060	1,298,132	1,601,631	1,601,631	$ -		$ -		$ -	$ -
2052	590,060	590,060	-	295,030	632,216	632,216	$ -		$ -		$ -	$ -
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			194,025,032	194,025,032	-					

** 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.

Worksheet K - ATRR TRUE-UP Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

2020	Rev Require	W Incentives	Incentive Amounts
Prior Yr Projected	464,920	464,920	-
Prior Yr True-Up	424,349	424,349	-
True-Up Adjustment	(40,571)	(40,571)	-

Details			
Investment	2,647,880	Current Year	2020
Service Year (yyyy)	2017	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	14.29%
Useful life	37	FCR w/incentives approved for these facilities, less dep.	14.29%
CIAC (Yes or No)	No	Annual Depreciation Expense	71,564

TRUE UP OF PROJECT REVENUE REQUIREMENT FOR PRIOR YEAR:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	Average Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't.From Prior Year WS J w/o Incentives	RTEP Rev Req't True-up w/o Incentives	RTEP Projected Rev. Req't.From Prior Year WS J with Incentives **	RTEP Rev Req't True-up with Incentives **	True-up of Incentive with Incentives **
2017	2,647,880	-	2,647,880	2,647,880	378,349	378,349	$ -	$ 525,167	$ (146,818)	$ 525,167	$ (146,818)	$ -
2018	2,647,880	71,564	2,576,316	2,612,098	444,801	444,801	$ -	$ 400,069	$ 44,732	$ 400,069	$ 44,732	$ -
2019	2,576,316	71,564	2,504,752	2,540,534	434,575	434,575	$ -	$ 448,563	$ (13,988)	$ 448,563	$ (13,988)	$ -
2020	2,504,752	71,564	2,433,187	2,468,970	424,349	424,349	$ -	$ 464,920	$ (40,571)	$ 464,920	$ (40,571)	$ -
2021	2,433,187	71,564	2,361,623	2,397,405	414,124	414,124	$ -	$ -	$ -	$ -	$ -	$ -
2022	2,361,623	71,564	2,290,059	2,325,841	403,898	403,898	$ -	$ -	$ -	$ -	$ -	$ -
2023	2,290,059	71,564	2,218,494	2,254,277	393,672	393,672	$ -	$ -	$ -	$ -	$ -	$ -
2024	2,218,494	71,564	2,146,930	2,182,712	383,447	383,447	$ -	$ -	$ -	$ -	$ -	$ -
2025	2,146,930	71,564	2,075,366	2,111,148	373,221	373,221	$ -		$ -		$ -	$ -
2026	2,075,366	71,564	2,003,801	2,039,584	362,995	362,995	$ -		$ -		$ -	$ -
2027	2,003,801	71,564	1,932,237	1,968,019	352,770	352,770	$ -		$ -		$ -	$ -
2028	1,932,237	71,564	1,860,673	1,896,455	342,544	342,544	$ -		$ -		$ -	$ -
2029	1,860,673	71,564	1,789,108	1,824,891	332,319	332,319	$ -		$ -		$ -	$ -
2030	1,789,108	71,564	1,717,544	1,753,326	322,093	322,093	$ -		$ -		$ -	$ -
2031	1,717,544	71,564	1,645,980	1,681,762	311,867	311,867	$ -		$ -		$ -	$ -
2032	1,645,980	71,564	1,574,415	1,610,198	301,642	301,642	$ -		$ -		$ -	$ -
2033	1,574,415	71,564	1,502,851	1,538,633	291,416	291,416	$ -		$ -		$ -	$ -
2034	1,502,851	71,564	1,431,287	1,467,069	281,190	281,190	$ -		$ -		$ -	$ -
2035	1,431,287	71,564	1,359,722	1,395,505	270,965	270,965	$ -		$ -		$ -	$ -
2036	1,359,722	71,564	1,288,158	1,323,940	260,739	260,739	$ -		$ -		$ -	$ -
2037	1,288,158	71,564	1,216,594	1,252,376	250,513	250,513	$ -		$ -		$ -	$ -
2038	1,216,594	71,564	1,145,029	1,180,812	240,288	240,288	$ -		$ -		$ -	$ -
2039	1,145,029	71,564	1,073,465	1,109,247	230,062	230,062	$ -		$ -		$ -	$ -
2040	1,073,465	71,564	1,001,901	1,037,683	219,836	219,836	$ -		$ -		$ -	$ -
2041	1,001,901	71,564	930,336	966,119	209,611	209,611	$ -		$ -		$ -	$ -
2042	930,336	71,564	858,772	894,554	199,385	199,385	$ -		$ -		$ -	$ -
2043	858,772	71,564	787,208	822,990	189,159	189,159	$ -		$ -		$ -	$ -
2044	787,208	71,564	715,643	751,426	178,934	178,934	$ -		$ -		$ -	$ -
2045	715,643	71,564	644,079	679,861	168,708	168,708	$ -		$ -		$ -	$ -
2046	644,079	71,564	572,515	608,297	158,482	158,482	$ -		$ -		$ -	$ -
2047	572,515	71,564	500,950	536,733	148,257	148,257	$ -		$ -		$ -	$ -
2048	500,950	71,564	429,386	465,168	138,031	138,031	$ -		$ -		$ -	$ -
2049	429,386	71,564	357,822	393,604	127,805	127,805	$ -		$ -		$ -	$ -
2050	357,822	71,564	286,257	322,040	117,580	117,580	$ -		$ -		$ -	$ -
2051	286,257	71,564	214,693	250,475	107,354	107,354	$ -		$ -		$ -	$ -
2052	214,693	71,564	143,129	178,911	97,128	97,128	$ -		$ -		$ -	$ -
2053	143,129	71,564	71,564	107,347	86,903	86,903	$ -		$ -		$ -	$ -
2054	71,564	71,564	0	35,782	76,677	76,677	$ -		$ -		$ -	$ -
2055	0	0	-	0	0	0	$ -		$ -		$ -	$ -
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			10,025,689	10,025,689	-					

** 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.

Worksheet K - ATRR TRUE-UP Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

2020	Rev Require	W Incentives	Incentive Amounts
Prior Yr Projected	269,768	269,768	-
Prior Yr True-Up	404,131	404,131	-
True-Up Adjustment	134,364	134,364	-

Details			
Investment	2,433,753	Current Year	2020
Service Year (yyyy)	2019	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	6	FCR w/o incentives, less depreciation	14.29%
Useful life	37	FCR w/incentives approved for these facilities, less dep.	14.29%
CIAC (Yes or No)	No	Annual Depreciation Expense	65,777

TRUE UP OF PROJECT REVENUE REQUIREMENT FOR PRIOR YEAR:

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	Average Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't.From Prior Year WS J w/o Incentives	RTEP Rev Req't True-up w/o Incentives	RTEP Projected Rev. Req't.From Prior Year WS J with Incentives **	RTEP Rev Req't True-up with Incentives **	True-up of Incentive with Incentives **
2019	2,433,753	32,889	2,400,864	2,417,309	378,292	378,292	$ -	$ 355,700	$ 22,592	$ 355,700	$ 22,592	$ -
2020	2,400,864	65,777	2,335,087	2,367,976	404,131	404,131	$ -	$ 269,768	$ 134,364	$ 269,768	$ 134,364	$ -
2021	2,335,087	65,777	2,269,310	2,302,199	394,733	394,733	$ -	$ -	$ -	$ -	$ -	$ -
2022	2,269,310	65,777	2,203,533	2,236,422	385,334	385,334	$ -	$ -	$ -	$ -	$ -	$ -
2023	2,203,533	65,777	2,137,756	2,170,645	375,935	375,935	$ -	$ -	$ -	$ -	$ -	$ -
2024	2,137,756	65,777	2,071,979	2,104,868	366,536	366,536	$ -	$ -	$ -	$ -	$ -	$ -
2025	2,071,979	65,777	2,006,202	2,039,090	357,138	357,138	$ -	$ -	$ -	$ -	$ -	$ -
2026	2,006,202	65,777	1,940,425	1,973,313	347,739	347,739	$ -	$ -	$ -	$ -	$ -	$ -
2027	1,940,425	65,777	1,874,648	1,907,536	338,340	338,340	$ -		$ -		$ -	$ -
2028	1,874,648	65,777	1,808,871	1,841,759	328,942	328,942	$ -		$ -		$ -	$ -
2029	1,808,871	65,777	1,743,093	1,775,982	319,543	319,543	$ -		$ -		$ -	$ -
2030	1,743,093	65,777	1,677,316	1,710,205	310,144	310,144	$ -		$ -		$ -	$ -
2031	1,677,316	65,777	1,611,539	1,644,428	300,745	300,745	$ -		$ -		$ -	$ -
2032	1,611,539	65,777	1,545,762	1,578,651	291,347	291,347	$ -		$ -		$ -	$ -
2033	1,545,762	65,777	1,479,985	1,512,874	281,948	281,948	$ -		$ -		$ -	$ -
2034	1,479,985	65,777	1,414,208	1,447,096	272,549	272,549	$ -		$ -		$ -	$ -
2035	1,414,208	65,777	1,348,431	1,381,319	263,150	263,150	$ -		$ -		$ -	$ -
2036	1,348,431	65,777	1,282,654	1,315,542	253,752	253,752	$ -		$ -		$ -	$ -
2037	1,282,654	65,777	1,216,877	1,249,765	244,353	244,353	$ -		$ -		$ -	$ -
2038	1,216,877	65,777	1,151,099	1,183,988	234,954	234,954	$ -		$ -		$ -	$ -
2039	1,151,099	65,777	1,085,322	1,118,211	225,556	225,556	$ -		$ -		$ -	$ -
2040	1,085,322	65,777	1,019,545	1,052,434	216,157	216,157	$ -		$ -		$ -	$ -
2041	1,019,545	65,777	953,768	986,657	206,758	206,758	$ -		$ -		$ -	$ -
2042	953,768	65,777	887,991	920,880	197,359	197,359	$ -		$ -		$ -	$ -
2043	887,991	65,777	822,214	855,102	187,961	187,961	$ -		$ -		$ -	$ -
2044	822,214	65,777	756,437	789,325	178,562	178,562	$ -		$ -		$ -	$ -
2045	756,437	65,777	690,660	723,548	169,163	169,163	$ -		$ -		$ -	$ -
2046	690,660	65,777	624,883	657,771	159,764	159,764	$ -		$ -		$ -	$ -
2047	624,883	65,777	559,105	591,994	150,366	150,366	$ -		$ -		$ -	$ -
2048	559,105	65,777	493,328	526,217	140,967	140,967	$ -		$ -		$ -	$ -
2049	493,328	65,777	427,551	460,440	131,568	131,568	$ -		$ -		$ -	$ -
2050	427,551	65,777	361,774	394,663	122,169	122,169	$ -		$ -		$ -	$ -
2051	361,774	65,777	295,997	328,886	112,771	112,771	$ -		$ -		$ -	$ -
2052	295,997	65,777	230,220	263,108	103,372	103,372	$ -		$ -		$ -	$ -
2053	230,220	65,777	164,443	197,331	93,973	93,973	$ -		$ -		$ -	$ -
2054	164,443	65,777	98,666	131,554	84,575	84,575	$ -		$ -		$ -	$ -
2055	98,666	65,777	32,889	65,777	75,176	75,176	$ -		$ -		$ -	$ -
2056	32,889	32,889	-	16,444	35,238	35,238	$ -		$ -		$ -	$ -
2057	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2058	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2059	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2060	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2061	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2062	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2063	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2064	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2065	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2066	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2067	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2068	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2069	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2070	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2071	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2072	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2073	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2074	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2075	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2076	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2077	-	-	-	-	-	-	$ -		$ -		$ -	$ -
2078	-	-	-	-	-	-	$ -		$ -		$ -	$ -
Project Totals		2,433,753			9,041,061	9,041,061	-					

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

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

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

		Average Balance of Common Equity				
Line No	Month (a)	Proprietary Capital (b)	Less: Preferred Stock (c)	Less Undistributed Sub Earnings (Acct 216.1) (d)	Less AOCI (Acct 219.1) (e)	Average Balance of Common Equity (f)=(b)-(c)-(d)-(e)
	(Note A)	(FF1 112.16)	(FF1 250-251)	(FF1 112.12)	(FF1 112.15)	
1	December Prior to Rate Year	1,684,896,427	-	-	-	1,684,896,427
2	January	1,733,083,359	-	-	-	1,733,083,359
3	February	1,747,016,389	-	-	-	1,747,016,389
4	March	1,766,273,445	-	-	-	1,766,273,445
5	April	1,779,360,282	-	-	-	1,779,360,282
6	May	1,798,486,405	-	-	-	1,798,486,405
7	June	1,806,356,133	-	-	-	1,806,356,133
8	July	1,823,403,164	-	-	-	1,823,403,164
9	August	1,840,020,779	-	-	-	1,840,020,779
10	September	1,855,025,207	-	-	-	1,855,025,207
11	October	1,922,317,515	-	-	-	1,922,317,515
12	November	1,967,316,457	-	-	-	1,967,316,457
13	December of Rate Year	1,982,110,082	-	-	-	1,982,110,082
14	Average of the 13 Monthly Balances	1,823,512,742	-	-	-	1,823,512,742

		Average Balance of Long Term Debt					
Line No	Month (a)	Bonds (b)	Less: Reacquired Bonds (c)	Acct 223 LT Advances from Assoc. Companies (d)	Acct 224 Senior Unsecured Notes (e)	Less: Fair Value Hedges (f)	Gross Proceeds Outstanding Long-Term Debt (g)=(b)-(c)+(d)+(e)-(f)
	(Note A)	(FF1 112.18)	(FF1 112.19)	(FF1 112.20)	(FF1 112.21)	FF1, page 257, Col. (h) - Note 1	
15	December Prior to Rate Year	-	-	1,458,700,000	-	-	1,458,700,000
16	January	-	-	1,458,700,000	-	-	1,458,700,000
17	February	-	-	1,458,700,000	-	-	1,458,700,000
18	March	-	-	1,458,700,000	-	-	1,458,700,000
19	April	-	-	1,640,700,000	-	-	1,640,700,000
20	May	-	-	1,640,700,000	-	-	1,640,700,000
21	June	-	-	1,640,700,000	-	-	1,640,700,000
22	July	-	-	1,640,700,000	-	-	1,640,700,000
23	August	-	-	1,640,700,000	-	-	1,640,700,000
24	September	-	-	1,640,700,000	-	-	1,640,700,000
25	October	-	-	1,640,700,000	-	-	1,640,700,000
26	November	-	-	1,640,700,000	-	-	1,640,700,000
27	December of Rate Year	-	-	1,640,700,000	-	-	1,640,700,000
28	Average of the 13 Monthly Balances	-	-	1,584,700,000	-	-	1,584,700,000

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

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

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

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
29	**Annual Interest Expense for 2020**						
30	Interest on Long Term Debt - Accts 221 - 224 (256-257.33.i)			61,541,840			
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)			835,276			
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)			42,659			
35	Less: Amort of Gain on Reacquired Debt - Acct 429.1 (117.66.c)			-			
36	**Total Interest Expense (Ln 30 - 31 + 32 + 33 - 34 - 35)**			**62,334,457**			
37	**Average Cost of Debt for 2020 (Ln 36/ ln 28 (g))**			**3.93%**			

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 2020**	**Remaining Unamortized Balance**	**Beginning**	**Ending**
39					
40					
41					
42					
43	**Net (Gain)/Loss Hedge Amortization To Be Removed**	-	-	-	-

Development of Cost of Preferred Stock

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

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

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

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

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

PBOP	(A)		(B)
1	**Calculation of PBOP Expenses**		
2	**AEP System PBOP Rate**		
3	Total AEP System PBOP expenses		-$109,892,067
4	Base Year relating to retired personnel		$0
5	Amount allocated on Labor		-$109,892,067
6	Total AEP System Direct Labor Expense		$1,489,637,636
7	AEP System PBOP expense per dollar of direct labor (PBOP Rate)		-$0.074
8	Currently Approved PBOP Rate		-$0.043
9	Base PBOP TransCo labor expensed in current year		12,973,119
10	Allowable TransCo PBOP Expense for current year (Ln 8 * Ln 9)		-$557,844
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)		-$1,771,276
15	Actual PBOP Expense	(Sum Lines 11-14)	-$1,771,276
16	PBOP Adjustment	Line 10 less Line 15	$1,213,432

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

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

AEPTCo subsidiaries in PJM
Worksheet - P
DEPRECIATION RATES
FOR TRANSMISSION PLANT PROPERTY ACCOUNTS
EFFECTIVE AS OF 1/1/2020

AEP Ohio Transmission Company

	PLANT ACCT.	RATES Note 1
TRANSMISSION PLANT		
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%
GENERAL PLANT		
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 pusuant to a Section 205 or 206 filing to change rates.

	Composite Depreciation Rate	CSP	OPCo	TOTAL
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)			**2.21%**

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.

AEP East Consolidated Utility Capital Structure
Consolidation of Operating Companies' Capital Structure @ December 31, 2020
Worksheet Q Page 1

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

AEP East Consolidated Utility Capital Structure
Consolidation of Operating Companies' Capital Structure @ December 31, 2019
Worksheet Q Page 2

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

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

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

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

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

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

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

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

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

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

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