

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

For Twelve Months Ended 2020

AEP Ohio Transmission Company

Line No.			Total	Allocator	Transmission Amount
1	REVENUE REQUIREMENT (w/o incentives)	(ln 113)			\$578,181,581
2	REVENUE CREDITS	(Worksheet E, ln 8) (Note A)	10,497,000	DA 1.00000	\$ 10,497,000
3	Facility Credits under PJM OATT Section 30.9	Worksheet E, ln 9) (Note X)			1,911,695
4	REVENUE REQUIREMENT For All Company Facilities	(ln 1 less ln 2 plus ln 3)			\$ 569,596,276

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)	44,552,919	DA 1.00000	\$ 44,552,919
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)			18.71%
8	Monthly Rate	(ln 7 / 12)			1.56%
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)			16.14%
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)			7.39%
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			2,020,000
16	Less: Load Dispatch - Scheduling, System Control and Dispatch Services (321.88.b)				
17	Less: Load Dispatch - Reliability, Planning & Standards Development Services (321.92.b)				
18	Total 561 Internally Developed Costs	(Line 15 - Line 16 - Line 17)			2,020,000

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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
19	GROSS PLANT IN SERVICE				
19	Transmission	(Worksheet A In 14.(d) & Ln 117)	3,373,102,000	DA 1.00000	3,373,102,000
20	Less: Transmission ARO (Enter Negative)	(Worksheet A In 14.(e))	-	TP 1.00000	-
21	General Plant	(Worksheet A In 14.(h))	384,261,000	W/S 1.00000	384,261,000
22	Less: General Plant ARO (Enter Negative)	(Worksheet A In 14.(i))	-	W/S 1.00000	-
23	Intangible Plant	(Worksheet A In 14.(j))	35,940,000	W/S 1.00000	35,940,000
24	TOTAL GROSS PLANT	(Sum of Lines: 19 to 23)	3,793,303,000	GP= 1.00000 GTD= 1.00000	3,793,303,000
25	ACCUMULATED DEPRECIATION AND AMORTIZATION				
26	Transmission	(Worksheet A In 28.(d) & Ln 43.(b))	282,852,000	TP1= 1.00000	282,852,000
27	Less: Transmission ARO (Enter Negative)	(Worksheet A In 28.(e))	-	TP1= 1.00000	-
28	General Plant	(Worksheet A In 28.(h))	10,402,000	W/S 1.00000	10,402,000
29	Less: General Plant ARO (Enter Negative)	(Worksheet A In 28.(i))	-	W/S 1.00000	-
30	Intangible Plant	(Worksheet A In 28.(j))	15,363,000	W/S 1.00000	15,363,000
31	TOTAL ACCUMULATED DEPRECIATION	(Sum of Lines: 26 to 30)	308,617,000		308,617,000
32	NET PLANT IN SERVICE				
33	Transmission	(In 19 + In 20 - In 26 - In 27)	3,090,250,000		3,090,250,000
34	General Plant	(In 21 + In 22 - In 28 - In 29)	373,859,000		373,859,000
35	Intangible Plant	(In 23 - In 30)	20,577,000		20,577,000
36	TOTAL NET PLANT IN SERVICE	(Sum of Lines: 33 to 35)	3,484,686,000	NP= 1.00000	3,484,686,000
37	DEFERRED TAX ADJUSTMENTS TO RATE BASE	(Note D)			
38	Account No. 281.1 (enter negative)	(Worksheet B, In 2 & In 5.E)	-	NA	-
39	Account No. 282.1 (enter negative)	(Worksheet B, In 7 & In 10.E)	(365,134,524)	DA	(500,344,435)
40	Account No. 283.1 (enter negative)	(Worksheet B, In 12 & In 15.E)	(10,518,471)	DA	(41,908)
41	Account No. 190.1	(Worksheet B, In 17 & In 20.E)	37,810,000	DA	(7,166,199)
42	Account No. 255 (enter negative)	(Worksheet B, In 24 & In 25.E)	-	DA	-
43	TOTAL ADJUSTMENTS	(sum Ins 38 to 42)	(337,842,994)		(507,552,542)
44	PLANT HELD FOR FUTURE USE	(Worksheet A In 44.(e)) In 45.(e))	5,174,000	DA	5,174,000
45	REGULATORY ASSETS	(Worksheet A In 51.(e))	-	DA	-
46	UNFUNDED RESERVES (ENTER NEGATIVE) (NOTE Y)	(Worksheet A In 54.(e))		W/S 1.00000	
47	WORKING CAPITAL	(Note E)			
48	Cash Working Capital	(1/8 * In 66)	3,861,500		3,861,500
49	Transmission Materials & Supplies	(Worksheet C, In 2.(F))	8,993,000	TP 1.00000	8,993,000
50	A&G Materials & Supplies	(Worksheet C, In 3.(F))	-	W/S 1.00000	-
51	Stores Expense	(Worksheet C, In 4.(F))	-	GP 1.00000	-
52	Prepayments (Account 165) - Labor Allocated	(Worksheet C, In 8.(G))	-	W/S 1.00000	-
53	Prepayments (Account 165) - Gross Plant	(Worksheet C, In 8.(F))	2,468,679	GP 1.00000	2,468,679
54	Prepayments (Account 165) - Transmission Only	(Worksheet C, In 8.(E))	-	DA 1.00000	-
55	Prepayments (Account 165) - Unallocable	(Worksheet C, In 8.(D))	151,703	NA 0.00000	-
56	TOTAL WORKING CAPITAL	(sum Ins 48 to 55)	15,474,882		15,323,179
57	IPP CONTRIBUTIONS FOR CONSTRUCTION	(Note F) (Worksheet D, In 8.B)	-	DA 1.00000	-
58	RATE BASE (sum Ins 36, 43, 44, 45, 46, 56, 57)		<u>3,167,491,888</u>		<u>2,997,630,637</u>

AEPTCo subsidiaries in PJM
Transmission Cost of Service Formula Rate
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AEP Ohio Transmission Company

	(1)	(2)	(3)	(4)	(5)
	EXPENSE, TAXES, RETURN & REVENUE REQUIREMENTS CALCULATION	Data Sources (See "General Notes")	TO Total	Allocator	Total Transmission
Line No.	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	32,912,000		
62	TOTAL O&M EXPENSES	(sum Ins 59 to 61)	32,912,000		
63	Less: Total Account 561	(Note G) (Worksheet F, In 14.C)	2,020,000		
64	Less: Account 565	(Note H) 321.96.b	-		
65	Less: Regulatory Deferrals & Amortizations	(Note I) (Worksheet F, In 4.C)	-		
66	Total O&M Allocable to Transmission	(Ins 61 - 63 - 64 - 65)	30,892,000	TP 1.00000	30,892,000
67	Administrative and General	323.197.b (Notes J & M)	14,607,000		
68	Less: Acct. 924, Property Insurance	323.185.b	505,000		
69	Acct. 928, Reg. Com. Exp.	323.189.b	-		
70	Acct. 930.1, Gen. Advert. Exp.	323.191.b	-		
71	Acct. 930.2, Misc. Gen. Exp.	323.192.b	116,000		
72	Balance of A & G	(In 67 - sum In 68 to In 71)	13,986,000	W/S 1.00000	13,986,000
73	Plus: Acct. 924, Property Insurance	(In 68)	505,000	GP(h) 1.00000	505,000
74	Acct. 928 - Transmission Specific	Worksheet F In 21.(E) (Note L)	-	TP 1.00000	-
75	Acct 930.1 - Only safety related ads -Direct	Worksheet F In 38.(E) (Note L)	-	TP 1.00000	-
76	Acct 930.2 - Misc Gen. Exp. - Trans	Worksheet F In 43.(E) (Note L)	20,000	DA 1.00000	20,000
77	PBOP Adjustment	Worksheet O Ln 16.(B), (Note K & M)	1,027,539	W/S 1.00000	1,027,539
78	A & G Subtotal	(sum Ins 72 to 77)	15,538,539		15,538,539
79	O & M EXPENSE SUBTOTAL	(In 66 + In 78)	46,430,539		46,430,539
80	Plus: Transmission Lease Payments To Affiliates in Acct 565 (Company Records) (Note H)		-	DA 1.00000	-
81	TOTAL O & M EXPENSE	(In 79 + In 80)	46,430,539		46,430,539
82	DEPRECIATION AND AMORTIZATION EXPENSE				
83	Transmission	336.7.f	79,554,000	TP1 1.00000	79,554,000
84	General	336.10.f	9,738,000	W/S 1.00000	9,738,000
85	Intangible	336.1.f	6,257,000	W/S 1.00000	6,257,000
86	TOTAL DEPRECIATION AND AMORTIZATION	(Ln 83+84+85)	95,549,000		95,549,000
87	TAXES OTHER THAN INCOME	(Note N)			
88	Labor Related				
89	Payroll	Worksheet H In 23.(D)	-	W/S 1.00000	-
90	Plant Related				
91	Property	Worksheet H-p2 In 3.(C) & In 3.(G)	165,220,000	DA 1.00000	165,220,000
92	Gross Receipts/Sales & Use	Worksheet H In 23.(F)	1,000	NA 0.00000	-
93	Other	Worksheet H In 23.(E)	836,000	GP 1.00000	836,000
94	TOTAL OTHER TAXES	(sum Ins 89 to 93)	166,057,000		166,056,000
95	INCOME TAXES	(Note O)			
96	$T=1 - \frac{((1 - SIT) * (1 - FIT))}{(1 - SIT * FIT * p)}$		21.00%		
97	$EIT=(T/(1-T)) * (1-(WCLTD/WACC)) =$		20.31%		
98	where WCLTD=(In 136) and WACC = (In 139)				
99	and FIT, SIT & p are as given in Note O.				
100	$GRCF=1 / (1 - T) =$ (from In 96)		1.2658		
101	Amortized Investment Tax Credit (enter negative)	(FF1 p.114, In 19.c)	-		
102	Excess Deferred Income Tax	(Note T)	301,575	NP(h) 1.00000	301,575
103	Tax Effect of Permanent and Flow-Through Differences	(Note T)	1,763,449	NP(h) 1.00000	1,763,449
104	Income Tax Calculation	(In 97 * In 109)	47,723,641		45,164,393
105	ITC adjustment	(In 100 * In 101)	-	NP(h) 1.00000	-
106	Excess Deferred Income Tax	(In 100 * In 102)	381,741		381,741
107	Tax Effect of Permanent and Flow-Through Differences	(In 100 * In 103)	2,232,214		2,232,214
108	TOTAL INCOME TAXES	(sum Ins 104 to 107)	50,337,595		47,778,347
109	RETURN ON RATE BASE (Rate Base*WACC)	(In 58 * In 139)	234,968,198		222,367,695
110	INTEREST ON IPP CONTRIBUTION FOR CONST. (Note F) (Worksheet D, In 2.(B))		-	DA 1.00000	-
111	(Gains) / Losses on Sales of Plant Held for Future Use (Worksheet N, In 4, Cols. ((F) & (H))		-		-
112	Tax Impact on Net Loss / (Gain) on Sales of Plant Held for Future Use (In 111 * In97)		-		-
113	TOTAL REVENUE REQUIREMENT	(sum Ins 81, 86, 94, 108, 109, 110, 111, 112)	593,342,332		578,181,581

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

		Gross Plant In Service				
Line No	Month (a)	Transmission (d)	Transmission ARO (e)	General (h)	General ARO (i)	Intangible (j)
	(Note A)	FF1, page 207 Col.(g) & pg. 206 Col. (b), 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	3,204,101,000	-	284,237,000	-	29,132,000
2	January	3,215,027,000	-	286,963,000	-	35,128,000
3	February	3,236,226,000	-	297,484,000	-	35,333,000
4	March	3,253,314,000	-	300,693,000	-	35,960,000
5	April	3,265,989,000	-	302,913,000	-	36,101,000
6	May	3,317,047,000	-	341,771,000	-	36,247,000
7	June	3,423,976,000	-	392,938,000	-	36,401,000
8	July	3,428,858,000	-	417,041,000	-	36,566,000
9	August	3,447,922,000	-	429,219,000	-	36,728,000
10	September	3,464,747,000	-	434,657,000	-	36,890,000
11	October	3,477,186,000	-	453,458,000	-	37,103,000
12	November	3,518,597,000	-	496,737,000	-	37,366,000
13	December of Rate Year	3,597,334,000	-	557,284,000	-	38,266,000
14	Average of the 13 Monthly Balances	3,373,102,000	-	384,261,000	-	35,940,000

		Accumulated Depreciation				
Line No	Month (a)	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	244,103,000	-	6,025,000	-	12,288,000
16	January	250,396,000	-	6,648,000	-	12,756,000
17	February	256,708,000	-	7,278,000	-	13,262,000
18	March	263,059,000	-	7,931,000	-	13,771,000
19	April	269,440,000	-	8,590,000	-	14,291,000
20	May	275,844,000	-	9,255,000	-	14,813,000
21	June	282,339,000	-	10,005,000	-	15,338,000
22	July	289,023,000	-	10,867,000	-	15,865,000
23	August	295,716,000	-	11,783,000	-	16,395,000
24	September	302,443,000	-	12,726,000	-	16,927,000
25	October	309,199,000	-	13,680,000	-	17,462,000
26	November	315,978,000	-	14,676,000	-	18,001,000
27	December of Rate Year	322,830,000	-	15,767,000	-	18,544,000
28	Average of the 13 Monthly Balances	282,852,000	-	10,402,000	-	15,363,000

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

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

43 Transmission Accumulated Depreciation net of GSU 282,852,000

<u>Plant Held For Future Use</u>	<u>Source of Data</u>	<u>Balance @ December 31, 2020</u>	<u>Balance @ December 31, 2019</u>	<u>Average Balance for 2020</u>
(a)	(b)	(c)	(d)	(e)
44 <u>Plant Held For Future Use</u>	FF1, page 214, ln 47, Col. (d)	5,174,000	5,174,000	5,174,000
45 <u>Transmission Plant Held For Future Use (Included in total on line 4</u>	Company Records - Note 1	5,174,000	5,174,000	5,174,000

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)

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

52	<u>Description</u>	<u>Account</u>			
53a				-	
53b				-	
54	Total		-	-	-

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

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

<u>Line Number</u>	<u>(A) Description</u>	<u>(B) Source</u>	<u>(C) Balance @ December 31, 2020</u>	<u>(D) Balance @ December 31, 2019</u>	<u>(E) Average Balance for 2020</u>
1	Account 281				
2	Year End Utility Deferrals	FF1, p. 272 - 273, In 8, Col. (k)	-	-	-
3	Less: ARO Related Deferrals	WS B-1 - Actual Stmt. AF Ln. 4 (Note 1)	-	-	-
4	Less: Other Excluded Deferrals	WS B-1 - Actual Stmt. AF Ln. 3 (Note 1)	-	-	-
5	Transmission Related Deferrals	Ln 2 - In 3 - In 4	-	-	-
6	Account 282				
7	Year End Utility Deferrals	FF1, p. 274 - 275, In 5, Col. (k)	383,016,980	347,252,067	365,134,524
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)	(125,543,939)	(144,875,884)	(135,209,912)
10	Transmission Related Deferrals	Ln 7 - In 8 - In 9	508,560,919	492,127,951	500,344,435
11	Account 283				
12	Year End Utility Deferrals	FF1, p. 276 - 277, In 9, Col. (k)	10,399,231	10,637,711	10,518,471
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)	10,476,563	10,476,563	10,476,563
15	Transmission Related Deferrals	Ln 12 - In 13 - In 14	(77,332)	161,148	41,908
16	Account 190				
17	Year End Utility Deferrals	FF1, p. 234, In 8, Col. (c)	37,810,000	37,810,000	37,810,000
18	Less: ARO Related Deferrals	WS B-2 - Actual Stmt. AG Ln. 4 (Note 1)	-	-	-
19	Less: Other Excluded Deferrals	WS B-2 - Actual Stmt. AG Ln. 3 (Note 1)	44,976,199	44,976,199	44,976,199
20	Transmission Related Deferrals	Ln 17 - In 18 - In 19	(7,166,199)	(7,166,199)	(7,166,199)
21	Account 255				
22	Year End ITC Balances	FF1, p. 266-267, In 8, Col. (h)	-	-	-
23	Less: Balances Not Qualified for Ratebase	Company Records - Note 1	-	-	-
24	ITC Balances Includeable in Ratebase	Ln 22 - In 23	-	-	-
25	Transmission Related Deferrals	WS B-1 - Actual Stmt. AF Ln. 20 (Note 1)	-	-	-

NOTE 1 On this worksheet, "Company Records" refers to AEP's tax forecast and accounting ledger. The PTRR will use projected ending balances and reflect proration required by IRS Letter Rule Section 1.167(l)-(h)(6)(ii). Line item detail of actual deferred tax items will be included on Work
NOTE 2 ADIT balances should exclude balances related to hedging activity.

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
Materials & Supplies								
<u>Line Number</u>	<u>Source</u>	<u>Balance @ December 31, 2020</u>	<u>Balance @ December 31, 2019</u>	<u>Average Balance for 2020</u>				
1								
2	Transmission Materials & Supplies	FF1, p. 227, ln 8, Col. (c) & (b)	8,993,000	8,993,000	8,993,000			
3	General Materials & Supplies	FF1, p. 227, ln 11, Col. (c) & (b)			-			
4	Stores Expense (Undistributed) - Account 163	FF1, p. 227, ln 16, Col. (c) & (b)			-			

Prepayment Balance Summary (Note 1)

	<u>Average of YE Balance</u>	<u>Excludable Balances</u>	<u>100% Transmission Related</u>	<u>Transmission Plant Related</u>	<u>Transmission Labor Related</u>	<u>Total Included in Ratebase (E)+(F)+(G)</u>	
5							
6	Totals as of December 31, 2020	2,468,679	0	0	2,468,679	0	2,468,679
7	Totals as of December 31, 2019	2,468,679	303,406	0	2,468,679	0	2,468,679
8	Average Balance	2,468,679	151,703	-	2,468,679	-	2,468,679

Prepayments Account 165 - Balance @ 12/31/2020

9	<u>Acc. No.</u>	<u>Description</u>	<u>2020 YE Balance</u>	<u>Excludable Balances</u>	<u>100% Transmission Related</u>	<u>Transmission Plant Related</u>	<u>Transmission Labor Related</u>	<u>Total Included in Ratebase (E)+(F)+(G)</u>	<u>Explanation</u>
10	1650001	Prepaid Insurance	240,612	-	-	240,612	-	240,612	Plant Related Insurance Policies
11	16500214	Prepaid Taxes	0	-	-	-	-	-	
12	1650006	Other Prepayments	1,749,432	-	-	1,749,432	-	1,749,432	Prepaid Transmission Projects
13	165001217	Prepaid Use Taxes	0	-	-	-	-	-	
14	165001218	Prepaid Insurance EIS	25,812	-	-	25,812	-	25,812	Prepaid Use Taxes
15	1650021	Prepaid Insurance EIS	149,417	-	-	149,417	-	149,417	Plant Related Insurance Policies
16	1650023	Prepaid Lease	303,406	-	-	303,406	-	303,406	Prepaid Lease
17			-	-	-	-	-	-	
18			-	-	-	-	-	-	
19			-	-	-	-	-	-	
20			-	-	-	-	-	-	
21			-	-	-	-	-	-	
22			-	-	-	-	-	-	
23			-	-	-	-	-	-	
24			-	-	-	-	-	-	
25			-	-	-	-	-	-	
		Subtotal - Form 1, p 111.57.c	2,468,679	0	0	2,468,679	0	2,468,679	

Prepayments Account 165 - Balance @ 12/31/ 2019

26	<u>Acc. No.</u>	<u>Description</u>	<u>2019 YE Balance</u>	<u>Excludable Balances</u>	<u>100% Transmission Related</u>	<u>Transmission Plant Related</u>	<u>Transmission Labor Related</u>	<u>Total Included in Ratebase (E)+(F)+(G)</u>	<u>Explanation</u>
27	1650001	Prepaid Insurance	240,612	-	-	240,612	-	240,612	Plant Related Insurance Policies
28	16500214	Prepaid Taxes	0	-	-	-	-	-	
29	1650006	Other Prepayments	1,749,432	-	-	1,749,432	-	1,749,432	Prepaid Transmission Projects
30	165001217	Prepaid Use Taxes	0	-	-	-	-	-	
31	165001218	Prepaid Insurance EIS	25,812	-	-	25,812	-	25,812	Prepaid Use Taxes
32	1650021	Prepaid Insurance EIS	149,417	-	-	149,417	-	149,417	Plant Related Insurance Policies
33	1650023	Prepaid Lease	303,406	303,406	-	303,406	-	303,406	Prepaid Lease
34			-	-	-	-	-	-	
35			-	-	-	-	-	-	
36			-	-	-	-	-	-	
37			-	-	-	-	-	-	
38			-	-	-	-	-	-	
39			-	-	-	-	-	-	
40			-	-	-	-	-	-	
		Subtotal - Form 1, p 111.57.d	2,468,679	303,406	0	2,468,679	0	2,468,679	

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

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

<u>Line Number</u>	<u>(A) Description</u>	<u>(B) 2020</u>
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	<u>Other Adjustments</u>	
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 ((In 1 + In 7)/2)	-

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

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

<u>Line Number</u>	<u>Description</u>	<u>Total Company</u>	<u>Non-Transmission</u>	<u>Transmission</u>
1	Account 450, Forfeited Discounts (FF1 p.300.16.(b); Company Records - Note 1)		-	
2	Account 451, Miscellaneous Service Revenues (FF1 p.300.17.(b); Company Records - Note 1)		-	
3	Account 454, Rent from Electric Property (FF1 p.300.19.(b); Company Records - Note 1)	10,497,000	-	10,497,000
4	Account 4560015, Associated Business Development - (Company Records - Notes 1, 2)		-	
5	Account 456 - Other Electric Revenues - (Company Records - Notes 1,2)	567,723,000	567,723,000	
5a	Account 457.1, Regional Control Service Revenues (FF1 p.300.23.(b); Company Records - Note 1)		-	
5b	Account 457.2, Miscellaneous Revenues (FF1 p.300.24.(b); Company Records - Note 1)		-	
6	Subtotal - Other Operating Revenues (Company Total equals (FF1 p. 300.26.(b))	578,220,000	567,723,000	10,497,000
7	Accounts 4470004 & 5, Revenues from Grandfathered Transmission Contracts - (Company Records - Note 1)		-	
8	Total Other Operating Revenues To Reduce Revenue Requirement	578,220,000	567,723,000	10,497,000
9	Facility Credits under PJM OATT Section 30.9			1,911,695

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	1,379,000			
8	FF1 p 321.87.b	561.3 - Load Dispatch - Trans Service & Scheduling	-			
9	FF1 p 321.88.b	561.4 - Scheduling, System Control & Dispatch	-			
10	FF1 p 321.89.b	561.5 - Reliability, Planning and Standards Development	641,000			
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	2,020,000			
Account 928						
15				-	-	
16				-	-	
17				-	-	
18				-	-	
19				-	-	
20				-	-	
21		Total (FERC Form 1 p.323.189.b)	-	-	-	
Account 930.1						
22				-	-	
23				-	-	
24				-	-	
25				-	-	
26				-	-	
27				-	-	
28				-	-	
29				-	-	
30				-	-	
31				-	-	
32				-	-	
33				-	-	
34				-	-	
35				-	-	
36				-	-	
37				-	-	
38		Total (FERC Form 1 p.323.191.b)	-	-	-	
Account 930.2						
39	9302000	Misc General Expenses	96,000	96,000	-	
40	9302003	Corporate & Fiscal Expenses	-	-	-	
41	9302004	Research, Develop&Demonstr Exp	-	-	-	
42	9302007	Assoc Business Development Exp	20,000	-	20,000	
43		Total (FERC Form 1 p.323.192.b)	116,000	96,000	20,000	

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	0.22%	
	Apportionment Factor - Note 1	0.00%	
	Effective State Tax Rate		0.00%
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		<u>0.00%</u>

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	1,000				1,000
3	Real Estate and Personal Property Taxes					
4	Real and Personal Property - Ohio	165,220,000	165,220,000			
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	<i>Line Deliberately Left Blank</i>					
13	State Severance Taxes	-				-
14	Miscellaneous Taxes					
15	State Business & Occupation Tax	-				-
16	State Public Service Commission Fees	836,000			836,000	
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	166,057,000	165,220,000	-	836,000	1,000

(Total Company Amount Ties to FFI p.114, Ln 14,(c))

NOTE 1: The detail of each total company number and its source in the FERC Form 1 is shown on WS H-1.

Functional Property Tax Allocation

Line No.	Account	Lines 24-58		Total
		Column (B) Deliberately Left Blank	Column (D) Deliberately Left Blank	
24	Functionalized Net Plant (TCOS, Lns 33 thru 36)	-	-	3,464,109,000
	OHIO JURISDICTION			
25	Percentage of Plant in OHIO JURISDICTION			100.00%
26	Net Plant in OHIO JURISDICTION (Ln 24 * Ln 25)	-	-	3,464,109,000
27	Less: Net Value of Exempted Generation Plant			
28	Taxable Property Basis (Ln 26 - Ln 27)	-	-	3,464,109,000
29	Relative Valuation Factor			
30	Weighted Net Plant (Ln 28 * Ln 29)	-	-	-
31	General Plant Allocator (Ln 30 / (Total - General Plant))	0.00%	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%	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%	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%	0.00%	

Line No.	(A) Annual Tax Expenses by Type (Note 1)	(B) Total Company	(C) FERC FORM 1 Tie-Back	(D) FERC FORM 1 Reference			
1	Revenue Taxes						
2	Gross Receipts Tax	1,000	1,000	P.263.1 ln 7 (i) P.263.2 ln 3 (i) P.263.2 ln 4 (i)			
<hr/>							
Line No.	(A) "Real Estate and Personal Property Tax Detail Annual Tax Expenses by Type (Note 1)"	(B) Tax Year	(C) Total Company	(D) FERC FORM 1 Tie-Back	(E) FERC FORM 1 Reference	(F) Tax Year Factor (Note 2)	(G) Transmission Function (Note 2)
Real Estate and Personal Property Taxes Total							
3	(Ln 4 + Ln 5 + Ln 6 + Ln 7)		165,220,000				165,220,000
4	Real and Personal Property - Ohio		165,220,000	165,220,000		100%	165,220,000
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)	-		P.263 ln 6 (i)
10	Federal Unemployment Tax	-		P.263 ln 9 (i)
11	State Unemployment Insurance	-		P.263.1 ln 23 (i) P.263.2 ln 33 (i) P.263.3 ln 16 (i)
12	<i>Line Left Deliberately Blank</i>			
13	State Severance Taxes	-		
14	Miscellaneous Taxes			
15	State Business & Occupation Tax	-		P.263 ln 21 (i) P.263 ln 22 (i)
16	State Public Service Commission Fees	836,000	836,000	P.263 ln 26 (i) P.263 ln 27 (i) P.263.3 ln 20 (i)
17	State Franchise Taxes	-		P.263 ln 12 (i) P.263 ln 13 (i) P.263.1 ln 34 (i) P.263.2 ln 10 (i) P.263.2 ln 11 (i) P.263.2 ln 38 (i) P.263.2 ln 39 (i) P.263.3 ln 27 (i) P.263.3 ln 28 (i) P.263.4 ln 20 (i) P.263.4 ln 27 (i)
18	State Lic/Registration Fee	-		P.263.1 ln 15 (i) P.263.2 ln 13 (i) P.263.3 ln 8 (i) P.263.4 ln 21 (i)
19	Misc. State and Local Tax	-		P.263.1 ln 12 (i)
20	Sales & Use	-	-	P.263 ln 16 (i) P.263 ln 31(i) P.263.2 ln 16 (i) P.263.2 ln 17 (i) P.263.3 ln 21 (i)
21	Federal Excise Tax	-		P.263 ln 13 (i) P.263 ln 14 (i)
22	Michigan Single Business Tax	-		
23	Total Taxes by Allocable Basis (Total Company Amount Ties to FFI p.114, Ln 14.(c))	166,056,000	166,057,000	

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

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

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

Reserved for Future Use

AEPTCo subsidiaries in PJM
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet J Supporting Calculation of PROJECTED PJM RTEP Project Revenue Requirement Billed to Benefiting Zones
AEP Ohio Transmission Company

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

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

ROE w/o incentives (TCOS, In 138)			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 TCOS, Ins 136 through 138)			
	%	Cost	Weighted cost
Long Term Debt	45.24%	3.87%	1.750%
Preferred Stock	0.00%	0.00%	0.000%
Common Stock	54.76%	10.35%	5.668%
		R =	7.418%

SUMMARY OF PROJECTED ANNUAL RTEP REVENUE REQUIREMENTS			
	Rev Require	W Incentives	Incentive Amounts
PROJECTED YEAR	2020	44,552,919	44,552,919 \$ -

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

Rate Base (TCOS, In 58)	2,997,630,637
R (from A. above)	7.418%
Return (Rate Base x R)	222,367,695

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

Return (from B. above)	222,367,695
Effective Tax Rate (TCOS, In 97)	20.31%
Income Tax Calculation (Return x CIT)	45,164,393
ITC Adjustment	-
Excess Deferred Income Tax	381,741
Tax Affect of Permanent Differences	2,232,214
Income Taxes	47,778,347

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

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

Annual Revenue Requirement (TCOS, In 1)	578,181,581
Lease Payments (TCOS, Ln 80)	-
Return (TCOS, In 109)	222,367,695
Income Taxes (TCOS, In 108)	47,778,347
Annual Revenue Requirement, Less Return and Taxes	308,035,539

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

Annual Revenue Requirement, Less Return and Taxes	308,035,539
Return (from I.B. above)	222,367,695
Income Taxes (from I.C. above)	47,778,347
Annual Revenue Requirement, with 0 Basis Point ROE increase	578,181,581
Depreciation & Amortization (TCOS, In 83)	79,554,000
Annual Rev. Req, w/0 Basis Point ROE increase, less Depreciation	498,627,581

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

Net Transmission Plant (Projected TCOS, In 33)	3,090,250,000
Annual Revenue Requirement, with 0 Basis Point ROE increase	578,181,581
FCR with 0 Basis Point increase in ROE	18.71%
Annual Rev. Req, w / 0 Basis Point ROE increase, less Dep.	498,627,581
FCR with 0 Basis Point ROE increase, less Depreciation	16.14%
FCR less Depreciation (TCOS, In 10)	16.14%
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, In 19	3,373,102,000
Annual Depreciation and Amortization Expense (TCOS, In 83)	79,554,000
Composite Depreciation Rate	2.36%
Depreciable Life for Composite Depreciation Rate	42.40
Average Life in Whole Years	42

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

AEP Ohio Transmission Company Worksheet J - ATRR PROJECTED Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

Current Projected Year ARR	1,626,376
Current Projected Year ARR w/ Incentive	1,626,376
Current Projected Year Incentive ARR	-

Details		Current Year	2020
Investment	10,402,068		
Service Year (yyyy)	2012	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	16.14%
Useful life	42	FCR w/incentives approved for these facilities, less dep.	16.14%
CIAC (Yes or No)	No	Annual Depreciation Expense	247,668

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't. From Prior Year Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2012	10,402,068	-	10,402,068	1,678,427	1,678,427	\$ -	\$ 747,660	\$ 747,660
2013	10,402,068	247,668	10,154,400	1,906,114	1,906,114	\$ -	\$ 1,093,780	\$ 1,093,780
2014	10,154,400	247,668	9,906,731	1,866,151	1,866,151	\$ -	\$ 1,212,574	\$ 1,212,574
2015	9,906,731	247,668	9,659,063	1,826,189	1,826,189	\$ -	\$ 1,166,857	\$ 1,166,857
2016	9,659,063	247,668	9,411,395	1,786,226	1,786,226	\$ -	\$ 1,271,115	\$ 1,271,115
2017	9,411,395	247,668	9,163,727	1,746,264	1,746,264	\$ -	\$ 1,517,047	\$ 1,517,047
2018	9,163,727	247,668	8,916,058	1,706,301	1,706,301	\$ -	\$ 1,527,231	\$ 1,527,231
2019	8,916,058	247,668	8,668,390	1,666,338	1,666,338	\$ -	\$ 1,559,917	\$ 1,559,917
2020	8,668,390	247,668	8,420,722	1,626,376	1,626,376	\$ -		
2021	8,420,722	247,668	8,173,053	1,586,413	1,586,413	\$ -		
2022	8,173,053	247,668	7,925,385	1,546,451	1,546,451	\$ -		
2023	7,925,385	247,668	7,677,717	1,506,488	1,506,488	\$ -		
2024	7,677,717	247,668	7,430,049	1,466,526	1,466,526	\$ -		
2025	7,430,049	247,668	7,182,380	1,426,563	1,426,563	\$ -		
2026	7,182,380	247,668	6,934,712	1,386,601	1,386,601	\$ -		
2027	6,934,712	247,668	6,687,044	1,346,638	1,346,638	\$ -		
2028	6,687,044	247,668	6,439,375	1,306,676	1,306,676	\$ -		
2029	6,439,375	247,668	6,191,707	1,266,713	1,266,713	\$ -		
2030	6,191,707	247,668	5,944,039	1,226,751	1,226,751	\$ -		
2031	5,944,039	247,668	5,696,371	1,186,788	1,186,788	\$ -		
2032	5,696,371	247,668	5,448,702	1,146,825	1,146,825	\$ -		
2033	5,448,702	247,668	5,201,034	1,106,863	1,106,863	\$ -		
2034	5,201,034	247,668	4,953,366	1,066,900	1,066,900	\$ -		
2035	4,953,366	247,668	4,705,697	1,026,938	1,026,938	\$ -		
2036	4,705,697	247,668	4,458,029	986,975	986,975	\$ -		
2037	4,458,029	247,668	4,210,361	947,013	947,013	\$ -		
2038	4,210,361	247,668	3,962,693	907,050	907,050	\$ -		
2039	3,962,693	247,668	3,715,024	867,088	867,088	\$ -		
2040	3,715,024	247,668	3,467,356	827,125	827,125	\$ -		
2041	3,467,356	247,668	3,219,688	787,163	787,163	\$ -		
2042	3,219,688	247,668	2,972,019	747,200	747,200	\$ -		
2043	2,972,019	247,668	2,724,351	707,237	707,237	\$ -		
2044	2,724,351	247,668	2,476,683	667,275	667,275	\$ -		
2045	2,476,683	247,668	2,229,015	627,312	627,312	\$ -		
2046	2,229,015	247,668	1,981,346	587,350	587,350	\$ -		
2047	1,981,346	247,668	1,733,678	547,387	547,387	\$ -		
2048	1,733,678	247,668	1,486,010	507,425	507,425	\$ -		
2049	1,486,010	247,668	1,238,341	467,462	467,462	\$ -		
2050	1,238,341	247,668	990,673	427,500	427,500	\$ -		
2051	990,673	247,668	743,005	387,537	387,537	\$ -		
2052	743,005	247,668	495,337	347,575	347,575	\$ -		
2053	495,337	247,668	247,668	307,612	307,612	\$ -		
2054	247,668	247,668	0	267,650	267,650	\$ -		
2055	0	0	-	0	0	\$ -		
2056	-	-	-	-	-	\$ -		
2057	-	-	-	-	-	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
Project Totals	10,402,068			47,327,455	47,327,455	-		

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

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

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

Worksheet J - ATRR PROJECTED Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

Current Projected Year ARR	529,806
Current Projected Year ARR w/ Incentive	529,806
Current Projected Year Incentive ARR	-

Details		Current Year	2020
Investment	3,473,922		
Service Year (yyyy)	2011	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	16.14%
Useful life	42	FCR w/incentives approved for these facilities, less dep.	16.14%
CIAC (Yes or No)	No	Annual Depreciation Expense	82,712

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't. From Prior Year Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2011	3,473,922	-	3,473,922	560,535	560,535	\$ -		
2012	3,473,922	82,712	3,391,210	636,574	636,574	\$ -	\$ 386,386	\$ 386,386
2013	3,391,210	82,712	3,308,497	623,228	623,228	\$ -	\$ 410,711	\$ 410,711
2014	3,308,497	82,712	3,225,785	609,882	609,882	\$ -	\$ 453,040	\$ 453,040
2015	3,225,785	82,712	3,143,072	596,536	596,536	\$ -	\$ 435,575	\$ 435,575
2016	3,143,072	82,712	3,060,360	583,190	583,190	\$ -	\$ 473,027	\$ 473,027
2017	3,060,360	82,712	2,977,647	569,844	569,844	\$ -	\$ 562,920	\$ 562,920
2018	2,977,647	82,712	2,894,935	556,498	556,498	\$ -	\$ 499,743	\$ 499,743
2019	2,894,935	82,712	2,812,223	543,152	543,152	\$ -	\$ 509,431	\$ 509,431
2020	2,812,223	82,712	2,729,510	529,806	529,806	\$ -		
2021	2,729,510	82,712	2,646,798	516,460	516,460	\$ -		
2022	2,646,798	82,712	2,564,085	503,114	503,114	\$ -		
2023	2,564,085	82,712	2,481,373	489,768	489,768	\$ -		
2024	2,481,373	82,712	2,398,660	476,422	476,422	\$ -		
2025	2,398,660	82,712	2,315,948	463,075	463,075	\$ -		
2026	2,315,948	82,712	2,233,236	449,729	449,729	\$ -		
2027	2,233,236	82,712	2,150,523	436,383	436,383	\$ -		
2028	2,150,523	82,712	2,067,811	423,037	423,037	\$ -		
2029	2,067,811	82,712	1,985,098	409,691	409,691	\$ -		
2030	1,985,098	82,712	1,902,386	396,345	396,345	\$ -		
2031	1,902,386	82,712	1,819,673	382,999	382,999	\$ -		
2032	1,819,673	82,712	1,736,961	369,653	369,653	\$ -		
2033	1,736,961	82,712	1,654,249	356,307	356,307	\$ -		
2034	1,654,249	82,712	1,571,536	342,961	342,961	\$ -		
2035	1,571,536	82,712	1,488,824	329,615	329,615	\$ -		
2036	1,488,824	82,712	1,406,111	316,269	316,269	\$ -		
2037	1,406,111	82,712	1,323,399	302,923	302,923	\$ -		
2038	1,323,399	82,712	1,240,686	289,577	289,577	\$ -		
2039	1,240,686	82,712	1,157,974	276,230	276,230	\$ -		
2040	1,157,974	82,712	1,075,262	262,884	262,884	\$ -		
2041	1,075,262	82,712	992,549	249,538	249,538	\$ -		
2042	992,549	82,712	909,837	236,192	236,192	\$ -		
2043	909,837	82,712	827,124	222,846	222,846	\$ -		
2044	827,124	82,712	744,412	209,500	209,500	\$ -		
2045	744,412	82,712	661,699	196,154	196,154	\$ -		
2046	661,699	82,712	578,987	182,808	182,808	\$ -		
2047	578,987	82,712	496,275	169,462	169,462	\$ -		
2048	496,275	82,712	413,562	156,116	156,116	\$ -		
2049	413,562	82,712	330,850	142,770	142,770	\$ -		
2050	330,850	82,712	248,137	129,424	129,424	\$ -		
2051	248,137	82,712	165,425	116,078	116,078	\$ -		
2052	165,425	82,712	82,712	102,732	102,732	\$ -		
2053	82,712	82,712	-	89,385	89,385	\$ -		
2054	-	-	-	-	-	\$ -		
2055	-	-	-	-	-	\$ -		
2056	-	-	-	-	-	\$ -		
2057	-	-	-	-	-	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
Project Totals		3,473,922		15,805,692	15,805,692	-		

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

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

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

Worksheet J - ATRR PROJECTED Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

Current Projected Year ARR	1,334,247
Current Projected Year ARR w/ Incentive	1,334,247
Current Projected Year Incentive ARR	-

Details		Current Year	2020
Investment	8,345,675		
Service Year (yyyy)	2013	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	11	FCR w/o incentives, less depreciation	16.14%
Useful life	42	FCR w/incentives approved for these facilities, less dep.	16.14%
CIAC (Yes or No)	No	Annual Depreciation Expense	198,707

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't. From Prior Year Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2013	8,345,675	16,559	8,329,116	1,361,840	1,361,840	\$ -	\$ 443,007	\$ 443,007
2014	8,329,116	198,707	8,130,410	1,526,621	1,526,621	\$ -	\$ 964,332	\$ 964,332
2015	8,130,410	198,707	7,931,703	1,494,558	1,494,558	\$ -	\$ 1,065,163	\$ 1,065,163
2016	7,931,703	198,707	7,732,996	1,462,496	1,462,496	\$ -	\$ 1,173,750	\$ 1,173,750
2017	7,732,996	198,707	7,534,290	1,430,434	1,430,434	\$ -	\$ 1,404,427	\$ 1,404,427
2018	7,534,290	198,707	7,335,583	1,398,371	1,398,371	\$ -	\$ 1,247,990	\$ 1,247,990
2019	7,335,583	198,707	7,136,877	1,366,309	1,366,309	\$ -	\$ 1,276,918	\$ 1,276,918
2020	7,136,877	198,707	6,938,170	1,334,247	1,334,247	\$ -		
2021	6,938,170	198,707	6,739,464	1,302,185	1,302,185	\$ -		
2022	6,739,464	198,707	6,540,757	1,270,122	1,270,122	\$ -		
2023	6,540,757	198,707	6,342,051	1,238,060	1,238,060	\$ -		
2024	6,342,051	198,707	6,143,344	1,205,998	1,205,998	\$ -		
2025	6,143,344	198,707	5,944,638	1,173,935	1,173,935	\$ -		
2026	5,944,638	198,707	5,745,931	1,141,873	1,141,873	\$ -		
2027	5,745,931	198,707	5,547,224	1,109,811	1,109,811	\$ -		
2028	5,547,224	198,707	5,348,518	1,077,748	1,077,748	\$ -		
2029	5,348,518	198,707	5,149,811	1,045,686	1,045,686	\$ -		
2030	5,149,811	198,707	4,951,105	1,013,624	1,013,624	\$ -		
2031	4,951,105	198,707	4,752,398	981,561	981,561	\$ -		
2032	4,752,398	198,707	4,553,692	949,499	949,499	\$ -		
2033	4,553,692	198,707	4,354,985	917,437	917,437	\$ -		
2034	4,354,985	198,707	4,156,279	885,374	885,374	\$ -		
2035	4,156,279	198,707	3,957,572	853,312	853,312	\$ -		
2036	3,957,572	198,707	3,758,866	821,250	821,250	\$ -		
2037	3,758,866	198,707	3,560,159	789,187	789,187	\$ -		
2038	3,560,159	198,707	3,361,452	757,125	757,125	\$ -		
2039	3,361,452	198,707	3,162,746	725,063	725,063	\$ -		
2040	3,162,746	198,707	2,964,039	693,001	693,001	\$ -		
2041	2,964,039	198,707	2,765,333	660,938	660,938	\$ -		
2042	2,765,333	198,707	2,566,626	628,876	628,876	\$ -		
2043	2,566,626	198,707	2,367,920	596,814	596,814	\$ -		
2044	2,367,920	198,707	2,169,213	564,751	564,751	\$ -		
2045	2,169,213	198,707	1,970,507	532,689	532,689	\$ -		
2046	1,970,507	198,707	1,771,800	500,627	500,627	\$ -		
2047	1,771,800	198,707	1,573,094	468,564	468,564	\$ -		
2048	1,573,094	198,707	1,374,387	436,502	436,502	\$ -		
2049	1,374,387	198,707	1,175,680	404,440	404,440	\$ -		
2050	1,175,680	198,707	976,974	372,377	372,377	\$ -		
2051	976,974	198,707	778,267	340,315	340,315	\$ -		
2052	778,267	198,707	579,561	308,253	308,253	\$ -		
2053	579,561	198,707	380,854	276,190	276,190	\$ -		
2054	380,854	198,707	182,148	244,128	244,128	\$ -		
2055	182,148	198,707	-	196,843	196,843	\$ -		
2056	-	-	-	-	-	\$ -		
2057	-	-	-	-	-	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
Project Totals	8,345,675			37,859,035	37,859,035	-		

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

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

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

Worksheet J - ATRR PROJECTED Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

Current Projected Year ARR	689,652
Current Projected Year ARR w/ Incentive	689,652
Current Projected Year Incentive ARR	-

Details		Current Year	2020
Investment	4,305,129		
Service Year (yyyy)	2013	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	16.14%
Useful life	42	FCR w/incentives approved for these facilities, less dep.	16.14%
CIAC (Yes or No)	No	Annual Depreciation Expense	102,503

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't. From Prior Year Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2013	4,305,129	-	4,305,129	694,654	694,654	\$ -	\$ 244,284	\$ 244,284
2014	4,305,129	102,503	4,202,626	788,888	788,888	\$ -	\$ 568,269	\$ 568,269
2015	4,202,626	102,503	4,100,123	772,348	772,348	\$ -	\$ 554,603	\$ 554,603
2016	4,100,123	102,503	3,997,620	755,809	755,809	\$ -	\$ 606,319	\$ 606,319
2017	3,997,620	102,503	3,895,117	739,270	739,270	\$ -	\$ 725,644	\$ 725,644
2018	3,895,117	102,503	3,792,614	722,730	722,730	\$ -	\$ 644,841	\$ 644,841
2019	3,792,614	102,503	3,690,111	706,191	706,191	\$ -	\$ 659,891	\$ 659,891
2020	3,690,111	102,503	3,587,608	689,652	689,652	\$ -		
2021	3,587,608	102,503	3,485,104	673,112	673,112	\$ -		
2022	3,485,104	102,503	3,382,601	656,573	656,573	\$ -		
2023	3,382,601	102,503	3,280,098	640,033	640,033	\$ -		
2024	3,280,098	102,503	3,177,595	623,494	623,494	\$ -		
2025	3,177,595	102,503	3,075,092	606,955	606,955	\$ -		
2026	3,075,092	102,503	2,972,589	590,415	590,415	\$ -		
2027	2,972,589	102,503	2,870,086	573,876	573,876	\$ -		
2028	2,870,086	102,503	2,767,583	557,336	557,336	\$ -		
2029	2,767,583	102,503	2,665,080	540,797	540,797	\$ -		
2030	2,665,080	102,503	2,562,577	524,258	524,258	\$ -		
2031	2,562,577	102,503	2,460,074	507,718	507,718	\$ -		
2032	2,460,074	102,503	2,357,571	491,179	491,179	\$ -		
2033	2,357,571	102,503	2,255,068	474,639	474,639	\$ -		
2034	2,255,068	102,503	2,152,565	458,100	458,100	\$ -		
2035	2,152,565	102,503	2,050,061	441,561	441,561	\$ -		
2036	2,050,061	102,503	1,947,558	425,021	425,021	\$ -		
2037	1,947,558	102,503	1,845,055	408,482	408,482	\$ -		
2038	1,845,055	102,503	1,742,552	391,942	391,942	\$ -		
2039	1,742,552	102,503	1,640,049	375,403	375,403	\$ -		
2040	1,640,049	102,503	1,537,546	358,864	358,864	\$ -		
2041	1,537,546	102,503	1,435,043	342,324	342,324	\$ -		
2042	1,435,043	102,503	1,332,540	325,785	325,785	\$ -		
2043	1,332,540	102,503	1,230,037	309,245	309,245	\$ -		
2044	1,230,037	102,503	1,127,534	292,706	292,706	\$ -		
2045	1,127,534	102,503	1,025,031	276,167	276,167	\$ -		
2046	1,025,031	102,503	922,528	259,627	259,627	\$ -		
2047	922,528	102,503	820,025	243,088	243,088	\$ -		
2048	820,025	102,503	717,522	226,549	226,549	\$ -		
2049	717,522	102,503	615,018	210,009	210,009	\$ -		
2050	615,018	102,503	512,515	193,470	193,470	\$ -		
2051	512,515	102,503	410,012	176,930	176,930	\$ -		
2052	410,012	102,503	307,509	160,391	160,391	\$ -		
2053	307,509	102,503	205,006	143,852	143,852	\$ -		
2054	205,006	102,503	102,503	127,312	127,312	\$ -		
2055	102,503	102,503	0	110,773	110,773	\$ -		
2056	0	0	-	0	0	\$ -		
2057	-	-	-	-	-	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
Project Totals		4,305,129		19,587,528	19,587,528	-		

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

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

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

Worksheet J - ATRR PROJECTED Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

Current Projected Year ARR	171,745
Current Projected Year ARR w/ Incentive	171,745
Current Projected Year Incentive ARR	-

Details		Current Year	2020
Investment	1,076,416		
Service Year (yyyy)	2013	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	10	FCR w/o incentives, less depreciation	16.14%
Useful life	42	FCR w/incentives approved for these facilities, less dep.	16.14%
CIAC (Yes or No)	No	Annual Depreciation Expense	25,629

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't. From Prior Year Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2013	1,076,416	4,271	1,072,145	177,612	177,612	\$ -	\$ 124,755	\$ 124,755
2014	1,072,145	25,629	1,046,516	196,557	196,557	\$ -	\$ 140,765	\$ 140,765
2015	1,046,516	25,629	1,020,887	192,422	192,422	\$ -	\$ 137,783	\$ 137,783
2016	1,020,887	25,629	995,258	188,287	188,287	\$ -	\$ 151,179	\$ 151,179
2017	995,258	25,629	969,629	184,151	184,151	\$ -	\$ 180,849	\$ 180,849
2018	969,629	25,629	944,000	180,016	180,016	\$ -	\$ 160,698	\$ 160,698
2019	944,000	25,629	918,371	175,880	175,880	\$ -	\$ 164,398	\$ 164,398
2020	918,371	25,629	892,742	171,745	171,745	\$ -		
2021	892,742	25,629	867,113	167,610	167,610	\$ -		
2022	867,113	25,629	841,484	163,474	163,474	\$ -		
2023	841,484	25,629	815,855	159,339	159,339	\$ -		
2024	815,855	25,629	790,226	155,204	155,204	\$ -		
2025	790,226	25,629	764,597	151,068	151,068	\$ -		
2026	764,597	25,629	738,968	146,933	146,933	\$ -		
2027	738,968	25,629	713,339	142,798	142,798	\$ -		
2028	713,339	25,629	687,710	138,662	138,662	\$ -		
2029	687,710	25,629	662,081	134,527	134,527	\$ -		
2030	662,081	25,629	636,452	130,391	130,391	\$ -		
2031	636,452	25,629	610,823	126,256	126,256	\$ -		
2032	610,823	25,629	585,194	122,121	122,121	\$ -		
2033	585,194	25,629	559,565	117,985	117,985	\$ -		
2034	559,565	25,629	533,937	113,850	113,850	\$ -		
2035	533,937	25,629	508,308	109,715	109,715	\$ -		
2036	508,308	25,629	482,679	105,579	105,579	\$ -		
2037	482,679	25,629	457,050	101,444	101,444	\$ -		
2038	457,050	25,629	431,421	97,309	97,309	\$ -		
2039	431,421	25,629	405,792	93,173	93,173	\$ -		
2040	405,792	25,629	380,163	89,038	89,038	\$ -		
2041	380,163	25,629	354,534	84,902	84,902	\$ -		
2042	354,534	25,629	328,905	80,767	80,767	\$ -		
2043	328,905	25,629	303,276	76,632	76,632	\$ -		
2044	303,276	25,629	277,647	72,496	72,496	\$ -		
2045	277,647	25,629	252,018	68,361	68,361	\$ -		
2046	252,018	25,629	226,389	64,226	64,226	\$ -		
2047	226,389	25,629	200,760	60,090	60,090	\$ -		
2048	200,760	25,629	175,131	55,955	55,955	\$ -		
2049	175,131	25,629	149,502	51,820	51,820	\$ -		
2050	149,502	25,629	123,873	47,684	47,684	\$ -		
2051	123,873	25,629	98,244	43,549	43,549	\$ -		
2052	98,244	25,629	72,615	39,413	39,413	\$ -		
2053	72,615	25,629	46,986	35,278	35,278	\$ -		
2054	46,986	25,629	21,357	31,143	31,143	\$ -		
2055	21,357	21,357	-	23,081	23,081	\$ -		
2056	-	-	-	-	-	\$ -		
2057	-	-	-	-	-	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
Project Totals		1,076,416		4,868,543	4,868,543	-		

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

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

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

Worksheet J - ATRR PROJECTED Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

Current Projected Year ARR	1,097,508
Current Projected Year ARR w/ Incentive	1,097,508
Current Projected Year Incentive ARR	-

Details		Current Year	2020
Investment	6,851,162		
Service Year (yyyy)	2013	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	16.14%
Useful life	42	FCR w/incentives approved for these facilities, less dep.	16.14%
CIAC (Yes or No)	No	Annual Depreciation Expense	163,123

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't. From Prior Year Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2013	6,851,162	-	6,851,162	1,105,470	1,105,470	\$ -	\$ 576,980	\$ 576,980
2014	6,851,162	163,123	6,688,039	1,255,432	1,255,432	\$ -	\$ 900,905	\$ 900,905
2015	6,688,039	163,123	6,524,916	1,229,112	1,229,112	\$ -	\$ 882,849	\$ 882,849
2016	6,524,916	163,123	6,361,793	1,202,791	1,202,791	\$ -	\$ 964,681	\$ 964,681
2017	6,361,793	163,123	6,198,670	1,176,470	1,176,470	\$ -	\$ 1,154,533	\$ 1,154,533
2018	6,198,670	163,123	6,035,547	1,150,150	1,150,150	\$ -	\$ 1,026,972	\$ 1,026,972
2019	6,035,547	163,123	5,872,425	1,123,829	1,123,829	\$ -	\$ 1,049,916	\$ 1,049,916
2020	5,872,425	163,123	5,709,302	1,097,508	1,097,508	\$ -		
2021	5,709,302	163,123	5,546,179	1,071,187	1,071,187	\$ -		
2022	5,546,179	163,123	5,383,056	1,044,867	1,044,867	\$ -		
2023	5,383,056	163,123	5,219,933	1,018,546	1,018,546	\$ -		
2024	5,219,933	163,123	5,056,810	992,225	992,225	\$ -		
2025	5,056,810	163,123	4,893,687	965,905	965,905	\$ -		
2026	4,893,687	163,123	4,730,564	939,584	939,584	\$ -		
2027	4,730,564	163,123	4,567,441	913,263	913,263	\$ -		
2028	4,567,441	163,123	4,404,318	886,942	886,942	\$ -		
2029	4,404,318	163,123	4,241,196	860,622	860,622	\$ -		
2030	4,241,196	163,123	4,078,073	834,301	834,301	\$ -		
2031	4,078,073	163,123	3,914,950	807,980	807,980	\$ -		
2032	3,914,950	163,123	3,751,827	781,660	781,660	\$ -		
2033	3,751,827	163,123	3,588,704	755,339	755,339	\$ -		
2034	3,588,704	163,123	3,425,581	729,018	729,018	\$ -		
2035	3,425,581	163,123	3,262,458	702,697	702,697	\$ -		
2036	3,262,458	163,123	3,099,335	676,377	676,377	\$ -		
2037	3,099,335	163,123	2,936,212	650,056	650,056	\$ -		
2038	2,936,212	163,123	2,773,089	623,735	623,735	\$ -		
2039	2,773,089	163,123	2,609,966	597,415	597,415	\$ -		
2040	2,609,966	163,123	2,446,844	571,094	571,094	\$ -		
2041	2,446,844	163,123	2,283,721	544,773	544,773	\$ -		
2042	2,283,721	163,123	2,120,598	518,453	518,453	\$ -		
2043	2,120,598	163,123	1,957,475	492,132	492,132	\$ -		
2044	1,957,475	163,123	1,794,352	465,811	465,811	\$ -		
2045	1,794,352	163,123	1,631,229	439,490	439,490	\$ -		
2046	1,631,229	163,123	1,468,106	413,170	413,170	\$ -		
2047	1,468,106	163,123	1,304,983	386,849	386,849	\$ -		
2048	1,304,983	163,123	1,141,860	360,528	360,528	\$ -		
2049	1,141,860	163,123	978,737	334,208	334,208	\$ -		
2050	978,737	163,123	815,615	307,887	307,887	\$ -		
2051	815,615	163,123	652,492	281,566	281,566	\$ -		
2052	652,492	163,123	489,369	255,245	255,245	\$ -		
2053	489,369	163,123	326,246	228,925	228,925	\$ -		
2054	326,246	163,123	163,123	202,604	202,604	\$ -		
2055	163,123	163,123	-	176,283	176,283	\$ -		
2056	-	-	-	-	-	\$ -		
2057	-	-	-	-	-	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
Project Totals		6,851,162		31,171,500	31,171,500	-		

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

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

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

Worksheet J - ATRR PROJECTED Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

Current Projected Year ARR	1,943,866
Current Projected Year ARR w/ Incentive	1,943,866
Current Projected Year Incentive ARR	-

Details		Current Year	2020
Investment	11,713,165		
Service Year (yyyy)	2015	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	6	FCR w/o incentives, less depreciation	16.14%
Useful life	42	FCR w/incentives approved for these facilities, less dep.	16.14%
CIAC (Yes or No)	No	Annual Depreciation Expense	278,885

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't. From Prior Year Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2015	11,713,165	139,442	11,573,723	2,018,171	2,018,171	\$ -	\$ 962,431	\$ 962,431
2016	11,573,723	278,885	11,294,838	2,123,864	2,123,864	\$ -	\$ 7,321,581	\$ 7,321,581
2017	11,294,838	278,885	11,015,953	2,078,865	2,078,865	\$ -	\$ 4,892,362	\$ 4,892,362
2018	11,015,953	278,885	10,737,068	2,033,865	2,033,865	\$ -	\$ 3,315,908	\$ 3,315,908
2019	10,737,068	278,885	10,458,183	1,988,866	1,988,866	\$ -	\$ 1,878,388	\$ 1,878,388
2020	10,458,183	278,885	10,179,298	1,943,866	1,943,866	\$ -		
2021	10,179,298	278,885	9,900,413	1,898,867	1,898,867	\$ -		
2022	9,900,413	278,885	9,621,528	1,853,867	1,853,867	\$ -		
2023	9,621,528	278,885	9,342,644	1,808,868	1,808,868	\$ -		
2024	9,342,644	278,885	9,063,759	1,763,868	1,763,868	\$ -		
2025	9,063,759	278,885	8,784,874	1,718,869	1,718,869	\$ -		
2026	8,784,874	278,885	8,505,989	1,673,869	1,673,869	\$ -		
2027	8,505,989	278,885	8,227,104	1,628,870	1,628,870	\$ -		
2028	8,227,104	278,885	7,948,219	1,583,870	1,583,870	\$ -		
2029	7,948,219	278,885	7,669,334	1,538,871	1,538,871	\$ -		
2030	7,669,334	278,885	7,390,449	1,493,871	1,493,871	\$ -		
2031	7,390,449	278,885	7,111,564	1,448,872	1,448,872	\$ -		
2032	7,111,564	278,885	6,832,680	1,403,872	1,403,872	\$ -		
2033	6,832,680	278,885	6,553,795	1,358,873	1,358,873	\$ -		
2034	6,553,795	278,885	6,274,910	1,313,873	1,313,873	\$ -		
2035	6,274,910	278,885	5,996,025	1,268,874	1,268,874	\$ -		
2036	5,996,025	278,885	5,717,140	1,223,874	1,223,874	\$ -		
2037	5,717,140	278,885	5,438,255	1,178,875	1,178,875	\$ -		
2038	5,438,255	278,885	5,159,370	1,133,875	1,133,875	\$ -		
2039	5,159,370	278,885	4,880,485	1,088,876	1,088,876	\$ -		
2040	4,880,485	278,885	4,601,601	1,043,876	1,043,876	\$ -		
2041	4,601,601	278,885	4,322,716	998,877	998,877	\$ -		
2042	4,322,716	278,885	4,043,831	953,877	953,877	\$ -		
2043	4,043,831	278,885	3,764,946	908,878	908,878	\$ -		
2044	3,764,946	278,885	3,486,061	863,878	863,878	\$ -		
2045	3,486,061	278,885	3,207,176	818,879	818,879	\$ -		
2046	3,207,176	278,885	2,928,291	773,879	773,879	\$ -		
2047	2,928,291	278,885	2,649,406	728,880	728,880	\$ -		
2048	2,649,406	278,885	2,370,521	683,880	683,880	\$ -		
2049	2,370,521	278,885	2,091,637	638,881	638,881	\$ -		
2050	2,091,637	278,885	1,812,752	593,881	593,881	\$ -		
2051	1,812,752	278,885	1,533,867	548,882	548,882	\$ -		
2052	1,533,867	278,885	1,254,982	503,882	503,882	\$ -		
2053	1,254,982	278,885	976,097	458,883	458,883	\$ -		
2054	976,097	278,885	697,212	413,883	413,883	\$ -		
2055	697,212	278,885	418,327	368,884	368,884	\$ -		
2056	418,327	278,885	139,442	323,884	323,884	\$ -		
2057	139,442	139,442	-	150,692	150,692	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
2073	-	-	-	-	-	\$ -		
2074	-	-	-	-	-	\$ -		
Project Totals		11,713,165		52,347,710	52,347,710	-		

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

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

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

Worksheet J - ATRR PROJECTED Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

Current Projected Year ARR	1,049,321
Current Projected Year ARR w/ Incentive	1,049,321
Current Projected Year Incentive ARR	-

Details		Current Year	2020
Investment	6,422,010		
Service Year (yyyy)	2014	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	10	FCR w/o incentives, less depreciation	16.14%
Useful life	42	FCR w/incentives approved for these facilities, less dep.	16.14%
CIAC (Yes or No)	No	Annual Depreciation Expense	152,905

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't. From Prior Year Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2014	6,422,010	25,484	6,396,526	1,059,652	1,059,652	\$ -	\$ 580,874	\$ 580,874
2015	6,396,526	152,905	6,243,621	1,172,681	1,172,681	\$ -	\$ 774,598	\$ 774,598
2016	6,243,621	152,905	6,090,716	1,148,009	1,148,009	\$ -	\$ 868,128	\$ 868,128
2017	6,090,716	152,905	5,937,811	1,123,337	1,123,337	\$ -	\$ 1,103,628	\$ 1,103,628
2018	5,937,811	152,905	5,784,906	1,098,665	1,098,665	\$ -	\$ 983,699	\$ 983,699
2019	5,784,906	152,905	5,632,001	1,073,993	1,073,993	\$ -	\$ 1,002,123	\$ 1,002,123
2020	5,632,001	152,905	5,479,096	1,049,321	1,049,321	\$ -		
2021	5,479,096	152,905	5,326,191	1,024,649	1,024,649	\$ -		
2022	5,326,191	152,905	5,173,286	999,977	999,977	\$ -		
2023	5,173,286	152,905	5,020,381	975,305	975,305	\$ -		
2024	5,020,381	152,905	4,867,476	950,633	950,633	\$ -		
2025	4,867,476	152,905	4,714,571	925,961	925,961	\$ -		
2026	4,714,571	152,905	4,561,666	901,289	901,289	\$ -		
2027	4,561,666	152,905	4,408,761	876,617	876,617	\$ -		
2028	4,408,761	152,905	4,255,856	851,945	851,945	\$ -		
2029	4,255,856	152,905	4,102,951	827,273	827,273	\$ -		
2030	4,102,951	152,905	3,950,046	802,601	802,601	\$ -		
2031	3,950,046	152,905	3,797,141	777,929	777,929	\$ -		
2032	3,797,141	152,905	3,644,236	753,257	753,257	\$ -		
2033	3,644,236	152,905	3,491,331	728,585	728,585	\$ -		
2034	3,491,331	152,905	3,338,426	703,913	703,913	\$ -		
2035	3,338,426	152,905	3,185,521	679,241	679,241	\$ -		
2036	3,185,521	152,905	3,032,616	654,569	654,569	\$ -		
2037	3,032,616	152,905	2,879,711	629,897	629,897	\$ -		
2038	2,879,711	152,905	2,726,806	605,225	605,225	\$ -		
2039	2,726,806	152,905	2,573,901	580,553	580,553	\$ -		
2040	2,573,901	152,905	2,420,996	555,881	555,881	\$ -		
2041	2,420,996	152,905	2,268,091	531,209	531,209	\$ -		
2042	2,268,091	152,905	2,115,186	506,537	506,537	\$ -		
2043	2,115,186	152,905	1,962,281	481,865	481,865	\$ -		
2044	1,962,281	152,905	1,809,376	457,193	457,193	\$ -		
2045	1,809,376	152,905	1,656,471	432,521	432,521	\$ -		
2046	1,656,471	152,905	1,503,566	407,849	407,849	\$ -		
2047	1,503,566	152,905	1,350,661	383,177	383,177	\$ -		
2048	1,350,661	152,905	1,197,756	358,505	358,505	\$ -		
2049	1,197,756	152,905	1,044,851	333,833	333,833	\$ -		
2050	1,044,851	152,905	891,946	309,161	309,161	\$ -		
2051	891,946	152,905	739,041	284,489	284,489	\$ -		
2052	739,041	152,905	586,136	259,817	259,817	\$ -		
2053	586,136	152,905	433,231	235,145	235,145	\$ -		
2054	433,231	152,905	280,326	210,473	210,473	\$ -		
2055	280,326	152,905	127,421	185,801	185,801	\$ -		
2056	127,421	127,421	-	137,701	137,701	\$ -		
2057	-	-	-	-	-	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
2073	-	-	-	-	-	\$ -		
Project Totals		6,422,010		29,046,235	29,046,235	-		

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

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

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

Worksheet J - ATRR PROJECTED Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

Current Projected Year ARR	2,211,159
Current Projected Year ARR w/ Incentive	2,211,159
Current Projected Year Incentive ARR	-

Details		Current Year	2020
Investment	13,479,817		
Service Year (yyyy)	2014	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	16.14%
Useful life	42	FCR w/incentives approved for these facilities, less dep.	16.14%
CIAC (Yes or No)	No	Annual Depreciation Expense	320,948

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't. From Prior Year Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2014	13,479,817	-	13,479,817	2,175,037	2,175,037	\$ -	\$ 1,611,055	\$ 1,611,055
2015	13,479,817	320,948	13,158,869	2,470,092	2,470,092	\$ -	\$ 1,730,626	\$ 1,730,626
2016	13,158,869	320,948	12,837,921	2,418,305	2,418,305	\$ -	\$ 1,937,127	\$ 1,937,127
2017	12,837,921	320,948	12,516,973	2,366,519	2,366,519	\$ -	\$ 2,315,830	\$ 2,315,830
2018	12,516,973	320,948	12,196,025	2,314,732	2,314,732	\$ -	\$ 2,058,911	\$ 2,058,911
2019	12,196,025	320,948	11,875,077	2,262,945	2,262,945	\$ -	\$ 2,110,913	\$ 2,110,913
2020	11,875,077	320,948	11,554,129	2,211,159	2,211,159	\$ -		
2021	11,554,129	320,948	11,233,181	2,159,372	2,159,372	\$ -		
2022	11,233,181	320,948	10,912,233	2,107,586	2,107,586	\$ -		
2023	10,912,233	320,948	10,591,285	2,055,799	2,055,799	\$ -		
2024	10,591,285	320,948	10,270,337	2,004,012	2,004,012	\$ -		
2025	10,270,337	320,948	9,949,389	1,952,226	1,952,226	\$ -		
2026	9,949,389	320,948	9,628,441	1,900,439	1,900,439	\$ -		
2027	9,628,441	320,948	9,307,493	1,848,653	1,848,653	\$ -		
2028	9,307,493	320,948	8,986,545	1,796,866	1,796,866	\$ -		
2029	8,986,545	320,948	8,665,597	1,745,079	1,745,079	\$ -		
2030	8,665,597	320,948	8,344,649	1,693,293	1,693,293	\$ -		
2031	8,344,649	320,948	8,023,701	1,641,506	1,641,506	\$ -		
2032	8,023,701	320,948	7,702,753	1,589,720	1,589,720	\$ -		
2033	7,702,753	320,948	7,381,805	1,537,933	1,537,933	\$ -		
2034	7,381,805	320,948	7,060,857	1,486,146	1,486,146	\$ -		
2035	7,060,857	320,948	6,739,908	1,434,360	1,434,360	\$ -		
2036	6,739,908	320,948	6,418,960	1,382,573	1,382,573	\$ -		
2037	6,418,960	320,948	6,098,012	1,330,787	1,330,787	\$ -		
2038	6,098,012	320,948	5,777,064	1,279,000	1,279,000	\$ -		
2039	5,777,064	320,948	5,456,116	1,227,214	1,227,214	\$ -		
2040	5,456,116	320,948	5,135,168	1,175,427	1,175,427	\$ -		
2041	5,135,168	320,948	4,814,220	1,123,640	1,123,640	\$ -		
2042	4,814,220	320,948	4,493,272	1,071,854	1,071,854	\$ -		
2043	4,493,272	320,948	4,172,324	1,020,067	1,020,067	\$ -		
2044	4,172,324	320,948	3,851,376	968,281	968,281	\$ -		
2045	3,851,376	320,948	3,530,428	916,494	916,494	\$ -		
2046	3,530,428	320,948	3,209,480	864,707	864,707	\$ -		
2047	3,209,480	320,948	2,888,532	812,921	812,921	\$ -		
2048	2,888,532	320,948	2,567,584	761,134	761,134	\$ -		
2049	2,567,584	320,948	2,246,636	709,348	709,348	\$ -		
2050	2,246,636	320,948	1,925,688	657,561	657,561	\$ -		
2051	1,925,688	320,948	1,604,740	605,774	605,774	\$ -		
2052	1,604,740	320,948	1,283,792	553,988	553,988	\$ -		
2053	1,283,792	320,948	962,844	502,201	502,201	\$ -		
2054	962,844	320,948	641,896	450,415	450,415	\$ -		
2055	641,896	320,948	320,948	398,628	398,628	\$ -		
2056	320,948	320,948	-	346,841	346,841	\$ -		
2057	-	-	-	-	-	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
2073	-	-	-	-	-	\$ -		
Project Totals		13,479,817		61,330,634	61,330,634	-		

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

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

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

Worksheet J - ATRR PROJECTED Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

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

Details		Current Year	2020
Investment	-		
Service Year (yyyy)	2014	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	16.14%
Useful life	42	FCR w/incentives approved for these facilities, less dep.	16.14%
CIAC (Yes or No)	no	Annual Depreciation Expense	-

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

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

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

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

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

Worksheet J - ATRR PROJECTED Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

Current Projected Year ARR	2,201,768
Current Projected Year ARR w/ Incentive	2,201,768
Current Projected Year Incentive ARR	-

Details		Current Year	2020
Investment	13,744,474		
Service Year (yyyy)	2013	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	16.14%
Useful life	42	FCR w/incentives approved for these facilities, less dep.	16.14%
CIAC (Yes or No)	No	Annual Depreciation Expense	327,249

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't. From Prior Year Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2013	13,744,474	-	13,744,474	2,217,741	2,217,741	\$ -	\$ -	\$ -
2014	13,744,474	327,249	13,417,225	2,518,589	2,518,589	\$ -	\$ 294,473	\$ 294,473
2015	13,417,225	327,249	13,089,975	2,465,785	2,465,785	\$ -	\$ 1,769,452	\$ 1,769,452
2016	13,089,975	327,249	12,762,726	2,412,982	2,412,982	\$ -	\$ 1,930,442	\$ 1,930,442
2017	12,762,726	327,249	12,435,476	2,360,179	2,360,179	\$ -	\$ 2,311,328	\$ 2,311,328
2018	12,435,476	327,249	12,108,227	2,307,375	2,307,375	\$ -	\$ 2,058,707	\$ 2,058,707
2019	12,108,227	327,249	11,780,978	2,254,572	2,254,572	\$ -	\$ 2,106,755	\$ 2,106,755
2020	11,780,978	327,249	11,453,728	2,201,768	2,201,768	\$ -		
2021	11,453,728	327,249	11,126,479	2,148,965	2,148,965	\$ -		
2022	11,126,479	327,249	10,799,230	2,096,162	2,096,162	\$ -		
2023	10,799,230	327,249	10,471,980	2,043,358	2,043,358	\$ -		
2024	10,471,980	327,249	10,144,731	1,990,555	1,990,555	\$ -		
2025	10,144,731	327,249	9,817,481	1,937,752	1,937,752	\$ -		
2026	9,817,481	327,249	9,490,232	1,884,948	1,884,948	\$ -		
2027	9,490,232	327,249	9,162,983	1,832,145	1,832,145	\$ -		
2028	9,162,983	327,249	8,835,733	1,779,342	1,779,342	\$ -		
2029	8,835,733	327,249	8,508,484	1,726,538	1,726,538	\$ -		
2030	8,508,484	327,249	8,181,235	1,673,735	1,673,735	\$ -		
2031	8,181,235	327,249	7,853,985	1,620,932	1,620,932	\$ -		
2032	7,853,985	327,249	7,526,736	1,568,128	1,568,128	\$ -		
2033	7,526,736	327,249	7,199,486	1,515,325	1,515,325	\$ -		
2034	7,199,486	327,249	6,872,237	1,462,522	1,462,522	\$ -		
2035	6,872,237	327,249	6,544,988	1,409,718	1,409,718	\$ -		
2036	6,544,988	327,249	6,217,738	1,356,915	1,356,915	\$ -		
2037	6,217,738	327,249	5,890,489	1,304,111	1,304,111	\$ -		
2038	5,890,489	327,249	5,563,239	1,251,308	1,251,308	\$ -		
2039	5,563,239	327,249	5,235,990	1,198,505	1,198,505	\$ -		
2040	5,235,990	327,249	4,908,741	1,145,701	1,145,701	\$ -		
2041	4,908,741	327,249	4,581,491	1,092,898	1,092,898	\$ -		
2042	4,581,491	327,249	4,254,242	1,040,095	1,040,095	\$ -		
2043	4,254,242	327,249	3,926,993	987,291	987,291	\$ -		
2044	3,926,993	327,249	3,599,743	934,488	934,488	\$ -		
2045	3,599,743	327,249	3,272,494	881,685	881,685	\$ -		
2046	3,272,494	327,249	2,945,244	828,881	828,881	\$ -		
2047	2,945,244	327,249	2,617,995	776,078	776,078	\$ -		
2048	2,617,995	327,249	2,290,746	723,275	723,275	\$ -		
2049	2,290,746	327,249	1,963,496	670,471	670,471	\$ -		
2050	1,963,496	327,249	1,636,247	617,668	617,668	\$ -		
2051	1,636,247	327,249	1,308,998	564,864	564,864	\$ -		
2052	1,308,998	327,249	981,748	512,061	512,061	\$ -		
2053	981,748	327,249	654,499	459,258	459,258	\$ -		
2054	654,499	327,249	327,249	406,454	406,454	\$ -		
2055	327,249	327,249	0	353,651	353,651	\$ -		
2056	0	0	-	0	0	\$ -		
2057	-	-	-	-	-	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
Project Totals		13,744,474		62,534,774	62,534,774	-		

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

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

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

Worksheet J - ATRR PROJECTED Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

Current Projected Year ARR	3,455,603
Current Projected Year ARR w/ Incentive	3,455,603
Current Projected Year Incentive ARR	-

Details		Current Year	2020
Investment	21,066,279		
Service Year (yyyy)	2014	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	16.14%
Useful life	42	FCR w/incentives approved for these facilities, less dep.	16.14%
CIAC (Yes or No)	No	Annual Depreciation Expense	501,578

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't. From Prior Year Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2014	21,066,279	-	21,066,279	3,399,151	3,399,151	\$ -	\$ 2,052,447	\$ 2,052,447
2015	21,066,279	501,578	20,564,701	3,860,263	3,860,263	\$ -	\$ 2,695,147	\$ 2,695,147
2016	20,564,701	501,578	20,063,123	3,779,331	3,779,331	\$ -	\$ 3,014,861	\$ 3,014,861
2017	20,063,123	501,578	19,561,545	3,698,399	3,698,399	\$ -	\$ 3,618,083	\$ 3,618,083
2018	19,561,545	501,578	19,059,967	3,617,467	3,617,467	\$ -	\$ 3,216,698	\$ 3,216,698
2019	19,059,967	501,578	18,558,389	3,536,535	3,536,535	\$ -	\$ 3,297,995	\$ 3,297,995
2020	18,558,389	501,578	18,056,811	3,455,603	3,455,603	\$ -		
2021	18,056,811	501,578	17,555,233	3,374,670	3,374,670	\$ -		
2022	17,555,233	501,578	17,053,654	3,293,738	3,293,738	\$ -		
2023	17,053,654	501,578	16,552,076	3,212,806	3,212,806	\$ -		
2024	16,552,076	501,578	16,050,498	3,131,874	3,131,874	\$ -		
2025	16,050,498	501,578	15,548,920	3,050,942	3,050,942	\$ -		
2026	15,548,920	501,578	15,047,342	2,970,009	2,970,009	\$ -		
2027	15,047,342	501,578	14,545,764	2,889,077	2,889,077	\$ -		
2028	14,545,764	501,578	14,044,186	2,808,145	2,808,145	\$ -		
2029	14,044,186	501,578	13,542,608	2,727,213	2,727,213	\$ -		
2030	13,542,608	501,578	13,041,030	2,646,281	2,646,281	\$ -		
2031	13,041,030	501,578	12,539,452	2,565,349	2,565,349	\$ -		
2032	12,539,452	501,578	12,037,874	2,484,416	2,484,416	\$ -		
2033	12,037,874	501,578	11,536,296	2,403,484	2,403,484	\$ -		
2034	11,536,296	501,578	11,034,718	2,322,552	2,322,552	\$ -		
2035	11,034,718	501,578	10,533,140	2,241,620	2,241,620	\$ -		
2036	10,533,140	501,578	10,031,561	2,160,688	2,160,688	\$ -		
2037	10,031,561	501,578	9,529,983	2,079,756	2,079,756	\$ -		
2038	9,529,983	501,578	9,028,405	1,998,823	1,998,823	\$ -		
2039	9,028,405	501,578	8,526,827	1,917,891	1,917,891	\$ -		
2040	8,526,827	501,578	8,025,249	1,836,959	1,836,959	\$ -		
2041	8,025,249	501,578	7,523,671	1,756,027	1,756,027	\$ -		
2042	7,523,671	501,578	7,022,093	1,675,095	1,675,095	\$ -		
2043	7,022,093	501,578	6,520,515	1,594,162	1,594,162	\$ -		
2044	6,520,515	501,578	6,018,937	1,513,230	1,513,230	\$ -		
2045	6,018,937	501,578	5,517,359	1,432,298	1,432,298	\$ -		
2046	5,517,359	501,578	5,015,781	1,351,366	1,351,366	\$ -		
2047	5,015,781	501,578	4,514,203	1,270,434	1,270,434	\$ -		
2048	4,514,203	501,578	4,012,625	1,189,502	1,189,502	\$ -		
2049	4,012,625	501,578	3,511,047	1,108,569	1,108,569	\$ -		
2050	3,511,047	501,578	3,009,468	1,027,637	1,027,637	\$ -		
2051	3,009,468	501,578	2,507,890	946,705	946,705	\$ -		
2052	2,507,890	501,578	2,006,312	865,773	865,773	\$ -		
2053	2,006,312	501,578	1,504,734	784,841	784,841	\$ -		
2054	1,504,734	501,578	1,003,156	703,909	703,909	\$ -		
2055	1,003,156	501,578	501,578	622,976	622,976	\$ -		
2056	501,578	501,578	0	542,044	542,044	\$ -		
2057	0	0	-	0	0	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
2073	-	-	-	-	-	\$ -		
Project Totals		21,066,279		95,847,611	95,847,611	-		

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

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

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

Worksheet J - ATRR PROJECTED Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

Current Projected Year ARR	616,710
Current Projected Year ARR w/ Incentive	616,710
Current Projected Year Incentive ARR	-

Details		Current Year	2020
Investment	3,781,771		
Service Year (yyyy)	2014	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	9	FCR w/o incentives, less depreciation	16.14%
Useful life	42	FCR w/incentives approved for these facilities, less dep.	16.14%
CIAC (Yes or No)	No	Annual Depreciation Expense	90,042

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't. From Prior Year Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2014	3,781,771	22,511	3,759,260	630,902	630,902	\$ -	\$ 2,808,368	\$ 2,808,368
2015	3,759,260	90,042	3,669,218	689,354	689,354	\$ -	\$ 492,192	\$ 492,192
2016	3,669,218	90,042	3,579,176	674,825	674,825	\$ -	\$ 539,236	\$ 539,236
2017	3,579,176	90,042	3,489,134	660,296	660,296	\$ -	\$ 646,665	\$ 646,665
2018	3,489,134	90,042	3,399,092	645,767	645,767	\$ -	\$ 574,858	\$ 574,858
2019	3,399,092	90,042	3,309,050	631,239	631,239	\$ -	\$ 589,081	\$ 589,081
2020	3,309,050	90,042	3,219,007	616,710	616,710	\$ -		
2021	3,219,007	90,042	3,128,965	602,181	602,181	\$ -		
2022	3,128,965	90,042	3,038,923	587,652	587,652	\$ -		
2023	3,038,923	90,042	2,948,881	573,124	573,124	\$ -		
2024	2,948,881	90,042	2,858,839	558,595	558,595	\$ -		
2025	2,858,839	90,042	2,768,797	544,066	544,066	\$ -		
2026	2,768,797	90,042	2,678,754	529,537	529,537	\$ -		
2027	2,678,754	90,042	2,588,712	515,008	515,008	\$ -		
2028	2,588,712	90,042	2,498,670	500,480	500,480	\$ -		
2029	2,498,670	90,042	2,408,628	485,951	485,951	\$ -		
2030	2,408,628	90,042	2,318,586	471,422	471,422	\$ -		
2031	2,318,586	90,042	2,228,544	456,893	456,893	\$ -		
2032	2,228,544	90,042	2,138,501	442,365	442,365	\$ -		
2033	2,138,501	90,042	2,048,459	427,836	427,836	\$ -		
2034	2,048,459	90,042	1,958,417	413,307	413,307	\$ -		
2035	1,958,417	90,042	1,868,375	398,778	398,778	\$ -		
2036	1,868,375	90,042	1,778,333	384,250	384,250	\$ -		
2037	1,778,333	90,042	1,688,291	369,721	369,721	\$ -		
2038	1,688,291	90,042	1,598,248	355,192	355,192	\$ -		
2039	1,598,248	90,042	1,508,206	340,663	340,663	\$ -		
2040	1,508,206	90,042	1,418,164	326,135	326,135	\$ -		
2041	1,418,164	90,042	1,328,122	311,606	311,606	\$ -		
2042	1,328,122	90,042	1,238,080	297,077	297,077	\$ -		
2043	1,238,080	90,042	1,148,038	282,548	282,548	\$ -		
2044	1,148,038	90,042	1,057,995	268,020	268,020	\$ -		
2045	1,057,995	90,042	967,953	253,491	253,491	\$ -		
2046	967,953	90,042	877,911	238,962	238,962	\$ -		
2047	877,911	90,042	787,869	224,433	224,433	\$ -		
2048	787,869	90,042	697,827	209,904	209,904	\$ -		
2049	697,827	90,042	607,785	195,376	195,376	\$ -		
2050	607,785	90,042	517,742	180,847	180,847	\$ -		
2051	517,742	90,042	427,700	166,318	166,318	\$ -		
2052	427,700	90,042	337,658	151,789	151,789	\$ -		
2053	337,658	90,042	247,616	137,261	137,261	\$ -		
2054	247,616	90,042	157,574	122,732	122,732	\$ -		
2055	157,574	90,042	67,532	108,203	108,203	\$ -		
2056	67,532	67,532	-	72,980	72,980	\$ -		
2057	-	-	-	-	-	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
2073	-	-	-	-	-	\$ -		
Project Totals		3,781,771		17,053,795	17,053,795	-		

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

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

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

Worksheet J - ATRR PROJECTED Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

Current Projected Year ARR	4,424,103
Current Projected Year ARR w/ Incentive	4,424,103
Current Projected Year Incentive ARR	-

Details	
Investment	26,055,178
Service Year (yyyy)	2016
Service Month (1-12)	6
Useful life	42
CIAC (Yes or No)	No

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement #
2016	26,055,178	310,181	25,744,997	4,489,292	4,489,292	\$ -
2017	25,744,997	620,361	25,124,636	4,724,399	4,724,399	\$ -
2018	25,124,636	620,361	24,504,275	4,624,300	4,624,300	\$ -
2019	24,504,275	620,361	23,883,913	4,524,202	4,524,202	\$ -
2020	23,883,913	620,361	23,263,552	4,424,103	4,424,103	\$ -
2021	23,263,552	620,361	22,643,190	4,324,005	4,324,005	\$ -
2022	22,643,190	620,361	22,022,829	4,223,906	4,223,906	\$ -
2023	22,022,829	620,361	21,402,468	4,123,808	4,123,808	\$ -
2024	21,402,468	620,361	20,782,106	4,023,709	4,023,709	\$ -
2025	20,782,106	620,361	20,161,745	3,923,611	3,923,611	\$ -
2026	20,161,745	620,361	19,541,384	3,823,512	3,823,512	\$ -
2027	19,541,384	620,361	18,921,022	3,723,414	3,723,414	\$ -
2028	18,921,022	620,361	18,300,661	3,623,315	3,623,315	\$ -
2029	18,300,661	620,361	17,680,299	3,523,217	3,523,217	\$ -
2030	17,680,299	620,361	17,059,938	3,423,119	3,423,119	\$ -
2031	17,059,938	620,361	16,439,577	3,323,020	3,323,020	\$ -
2032	16,439,577	620,361	15,819,215	3,222,922	3,222,922	\$ -
2033	15,819,215	620,361	15,198,854	3,122,823	3,122,823	\$ -
2034	15,198,854	620,361	14,578,492	3,022,725	3,022,725	\$ -
2035	14,578,492	620,361	13,958,131	2,922,626	2,922,626	\$ -
2036	13,958,131	620,361	13,337,770	2,822,528	2,822,528	\$ -
2037	13,337,770	620,361	12,717,408	2,722,429	2,722,429	\$ -
2038	12,717,408	620,361	12,097,047	2,622,331	2,622,331	\$ -
2039	12,097,047	620,361	11,476,686	2,522,232	2,522,232	\$ -
2040	11,476,686	620,361	10,856,324	2,422,134	2,422,134	\$ -
2041	10,856,324	620,361	10,235,963	2,322,035	2,322,035	\$ -
2042	10,235,963	620,361	9,615,601	2,221,937	2,221,937	\$ -
2043	9,615,601	620,361	8,995,240	2,121,838	2,121,838	\$ -
2044	8,995,240	620,361	8,374,879	2,021,740	2,021,740	\$ -
2045	8,374,879	620,361	7,754,517	1,921,641	1,921,641	\$ -
2046	7,754,517	620,361	7,134,156	1,821,543	1,821,543	\$ -
2047	7,134,156	620,361	6,513,795	1,721,445	1,721,445	\$ -
2048	6,513,795	620,361	5,893,433	1,621,346	1,621,346	\$ -
2049	5,893,433	620,361	5,273,072	1,521,248	1,521,248	\$ -
2050	5,273,072	620,361	4,652,710	1,421,149	1,421,149	\$ -
2051	4,652,710	620,361	4,032,349	1,321,051	1,321,051	\$ -
2052	4,032,349	620,361	3,411,988	1,220,952	1,220,952	\$ -
2053	3,411,988	620,361	2,791,626	1,120,854	1,120,854	\$ -
2054	2,791,626	620,361	2,171,265	1,020,755	1,020,755	\$ -
2055	2,171,265	620,361	1,550,903	920,657	920,657	\$ -
2056	1,550,903	620,361	930,542	820,558	820,558	\$ -
2057	930,542	620,361	310,181	720,460	720,460	\$ -
2058	310,181	310,181	-	335,205	335,205	\$ -
2059	-	-	-	-	-	\$ -
2060	-	-	-	-	-	\$ -
2061	-	-	-	-	-	\$ -
2062	-	-	-	-	-	\$ -
2063	-	-	-	-	-	\$ -
2064	-	-	-	-	-	\$ -
2065	-	-	-	-	-	\$ -
2066	-	-	-	-	-	\$ -
2067	-	-	-	-	-	\$ -
2068	-	-	-	-	-	\$ -
2069	-	-	-	-	-	\$ -
2070	-	-	-	-	-	\$ -
2071	-	-	-	-	-	\$ -
2072	-	-	-	-	-	\$ -
2073	-	-	-	-	-	\$ -
2074	-	-	-	-	-	\$ -
2075	-	-	-	-	-	\$ -
Project Totals	26,055,178			116,444,096	116,444,096	-

RTEP Projected Rev. Req't. From Prior Year Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
\$ 1,957,261	\$ 1,957,261
\$ 582,397	\$ 582,397
\$ 4,098,498	\$ 4,098,498
\$ 4,209,863	\$ 4,209,863

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

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Worksheet J - ATRR PROJECTED Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

Current Projected Year ARR	1,031,481
Current Projected Year ARR w/ Incentive	1,031,481
Current Projected Year Incentive ARR	-

Details		Current Year	2020
Investment	6,215,398		
Service Year (yyyy)	2015	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	6	FCR w/o incentives, less depreciation	16.14%
Useful life	42	FCR w/incentives approved for these facilities, less dep.	16.14%
CIAC (Yes or No)	No	Annual Depreciation Expense	147,986

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement #	RTEP Projected Rev. Req't. From Prior Year Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2015	6,215,398	73,993	6,141,405	1,070,909	1,070,909	\$ -	\$ 643,594	\$ 643,594
2016	6,141,405	147,986	5,993,420	1,126,994	1,126,994	\$ -	\$ 866,696	\$ 866,696
2017	5,993,420	147,986	5,845,434	1,103,115	1,103,115	\$ -	\$ 1,077,982	\$ 1,077,982
2018	5,845,434	147,986	5,697,448	1,079,237	1,079,237	\$ -	\$ 958,607	\$ 958,607
2019	5,697,448	147,986	5,549,463	1,055,359	1,055,359	\$ -	\$ 983,630	\$ 983,630
2020	5,549,463	147,986	5,401,477	1,031,481	1,031,481	\$ -		
2021	5,401,477	147,986	5,253,491	1,007,602	1,007,602	\$ -		
2022	5,253,491	147,986	5,105,506	983,724	983,724	\$ -		
2023	5,105,506	147,986	4,957,520	959,846	959,846	\$ -		
2024	4,957,520	147,986	4,809,534	935,968	935,968	\$ -		
2025	4,809,534	147,986	4,661,549	912,089	912,089	\$ -		
2026	4,661,549	147,986	4,513,563	888,211	888,211	\$ -		
2027	4,513,563	147,986	4,365,577	864,333	864,333	\$ -		
2028	4,365,577	147,986	4,217,592	840,455	840,455	\$ -		
2029	4,217,592	147,986	4,069,606	816,576	816,576	\$ -		
2030	4,069,606	147,986	3,921,620	792,698	792,698	\$ -		
2031	3,921,620	147,986	3,773,635	768,820	768,820	\$ -		
2032	3,773,635	147,986	3,625,649	744,942	744,942	\$ -		
2033	3,625,649	147,986	3,477,663	721,063	721,063	\$ -		
2034	3,477,663	147,986	3,329,678	697,185	697,185	\$ -		
2035	3,329,678	147,986	3,181,692	673,307	673,307	\$ -		
2036	3,181,692	147,986	3,033,706	649,429	649,429	\$ -		
2037	3,033,706	147,986	2,885,721	625,550	625,550	\$ -		
2038	2,885,721	147,986	2,737,735	601,672	601,672	\$ -		
2039	2,737,735	147,986	2,589,749	577,794	577,794	\$ -		
2040	2,589,749	147,986	2,441,764	553,916	553,916	\$ -		
2041	2,441,764	147,986	2,293,778	530,038	530,038	\$ -		
2042	2,293,778	147,986	2,145,792	506,159	506,159	\$ -		
2043	2,145,792	147,986	1,997,807	482,281	482,281	\$ -		
2044	1,997,807	147,986	1,849,821	458,403	458,403	\$ -		
2045	1,849,821	147,986	1,701,835	434,525	434,525	\$ -		
2046	1,701,835	147,986	1,553,850	410,646	410,646	\$ -		
2047	1,553,850	147,986	1,405,864	386,768	386,768	\$ -		
2048	1,405,864	147,986	1,257,878	362,890	362,890	\$ -		
2049	1,257,878	147,986	1,109,893	339,012	339,012	\$ -		
2050	1,109,893	147,986	961,907	315,133	315,133	\$ -		
2051	961,907	147,986	813,921	291,255	291,255	\$ -		
2052	813,921	147,986	665,935	267,377	267,377	\$ -		
2053	665,935	147,986	517,950	243,499	243,499	\$ -		
2054	517,950	147,986	369,964	219,620	219,620	\$ -		
2055	369,964	147,986	221,978	195,742	195,742	\$ -		
2056	221,978	147,986	73,993	171,864	171,864	\$ -		
2057	73,993	73,993	-	79,962	79,962	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
2073	-	-	-	-	-	\$ -		
2074	-	-	-	-	-	\$ -		
Project Totals	6,215,398			27,777,450	27,777,450	-		

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

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

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

Worksheet J - ATRR PROJECTED Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

Current Projected Year ARR	3,061,483
Current Projected Year ARR w/ Incentive	3,061,483
Current Projected Year Incentive ARR	-

Details		Current Year	2020
Investment	18,412,075		
Service Year (yyyy)	2015	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	7	FCR w/o incentives, less depreciation	16.14%
Useful life	42	FCR w/incentives approved for these facilities, less dep.	16.14%
CIAC (Yes or No)	No	Annual Depreciation Expense	438,383

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't. From Prior Year Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2015	18,412,075	182,659	18,229,416	3,138,805	3,138,805	\$ -	\$ 1,528,116	\$ 1,528,116
2016	18,229,416	438,383	17,791,033	3,344,424	3,344,424	\$ -	\$ 887,506	\$ 887,506
2017	17,791,033	438,383	17,352,650	3,273,689	3,273,689	\$ -	\$ 1,060,430	\$ 1,060,430
2018	17,352,650	438,383	16,914,267	3,202,954	3,202,954	\$ -	\$ 930,781	\$ 930,781
2019	16,914,267	438,383	16,475,885	3,132,218	3,132,218	\$ -	\$ 2,918,930	\$ 2,918,930
2020	16,475,885	438,383	16,037,502	3,061,483	3,061,483	\$ -		
2021	16,037,502	438,383	15,599,119	2,990,748	2,990,748	\$ -		
2022	15,599,119	438,383	15,160,736	2,920,012	2,920,012	\$ -		
2023	15,160,736	438,383	14,722,354	2,849,277	2,849,277	\$ -		
2024	14,722,354	438,383	14,283,971	2,778,542	2,778,542	\$ -		
2025	14,283,971	438,383	13,845,588	2,707,807	2,707,807	\$ -		
2026	13,845,588	438,383	13,407,205	2,637,071	2,637,071	\$ -		
2027	13,407,205	438,383	12,968,823	2,566,336	2,566,336	\$ -		
2028	12,968,823	438,383	12,530,440	2,495,601	2,495,601	\$ -		
2029	12,530,440	438,383	12,092,057	2,424,865	2,424,865	\$ -		
2030	12,092,057	438,383	11,653,674	2,354,130	2,354,130	\$ -		
2031	11,653,674	438,383	11,215,292	2,283,395	2,283,395	\$ -		
2032	11,215,292	438,383	10,776,909	2,212,660	2,212,660	\$ -		
2033	10,776,909	438,383	10,338,526	2,141,924	2,141,924	\$ -		
2034	10,338,526	438,383	9,900,144	2,071,189	2,071,189	\$ -		
2035	9,900,144	438,383	9,461,761	2,000,454	2,000,454	\$ -		
2036	9,461,761	438,383	9,023,378	1,929,718	1,929,718	\$ -		
2037	9,023,378	438,383	8,584,995	1,858,983	1,858,983	\$ -		
2038	8,584,995	438,383	8,146,613	1,788,248	1,788,248	\$ -		
2039	8,146,613	438,383	7,708,230	1,717,513	1,717,513	\$ -		
2040	7,708,230	438,383	7,269,847	1,646,777	1,646,777	\$ -		
2041	7,269,847	438,383	6,831,464	1,576,042	1,576,042	\$ -		
2042	6,831,464	438,383	6,393,082	1,505,307	1,505,307	\$ -		
2043	6,393,082	438,383	5,954,699	1,434,571	1,434,571	\$ -		
2044	5,954,699	438,383	5,516,316	1,363,836	1,363,836	\$ -		
2045	5,516,316	438,383	5,077,933	1,293,101	1,293,101	\$ -		
2046	5,077,933	438,383	4,639,551	1,222,366	1,222,366	\$ -		
2047	4,639,551	438,383	4,201,168	1,151,630	1,151,630	\$ -		
2048	4,201,168	438,383	3,762,785	1,080,895	1,080,895	\$ -		
2049	3,762,785	438,383	3,324,402	1,010,160	1,010,160	\$ -		
2050	3,324,402	438,383	2,886,020	939,424	939,424	\$ -		
2051	2,886,020	438,383	2,447,637	868,689	868,689	\$ -		
2052	2,447,637	438,383	2,009,254	797,954	797,954	\$ -		
2053	2,009,254	438,383	1,570,871	727,218	727,218	\$ -		
2054	1,570,871	438,383	1,132,489	656,483	656,483	\$ -		
2055	1,132,489	438,383	694,106	585,748	585,748	\$ -		
2056	694,106	438,383	255,723	515,013	515,013	\$ -		
2057	255,723	255,723	-	276,354	276,354	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
2073	-	-	-	-	-	\$ -		
2074	-	-	-	-	-	\$ -		
Project Totals		18,412,075		82,533,614	82,533,614	-		

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

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

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

Worksheet J - ATRR PROJECTED Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

Current Projected Year ARR	1,235,701
Current Projected Year ARR w/ Incentive	1,235,701
Current Projected Year Incentive ARR	-

Details		Current Year	2020
Investment	7,360,772		
Service Year (yyyy)	2015	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	16.14%
Useful life	42	FCR w/incentives approved for these facilities, less dep.	16.14%
CIAC (Yes or No)	No	Annual Depreciation Expense	175,256

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't. From Prior Year Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2015	7,360,772	-	7,360,772	1,187,698	1,187,698	\$ -	\$ 714,472	\$ 714,472
2016	7,360,772	175,256	7,185,516	1,348,815	1,348,815	\$ -	\$ 1,030,854	\$ 1,030,854
2017	7,185,516	175,256	7,010,259	1,320,537	1,320,537	\$ -	\$ 1,310,546	\$ 1,310,546
2018	7,010,259	175,256	6,835,003	1,292,258	1,292,258	\$ -	\$ 1,148,932	\$ 1,148,932
2019	6,835,003	175,256	6,659,746	1,263,980	1,263,980	\$ -	\$ 1,177,105	\$ 1,177,105
2020	6,659,746	175,256	6,484,490	1,235,701	1,235,701	\$ -		
2021	6,484,490	175,256	6,309,233	1,207,423	1,207,423	\$ -		
2022	6,309,233	175,256	6,133,977	1,179,144	1,179,144	\$ -		
2023	6,133,977	175,256	5,958,720	1,150,866	1,150,866	\$ -		
2024	5,958,720	175,256	5,783,464	1,122,587	1,122,587	\$ -		
2025	5,783,464	175,256	5,608,207	1,094,309	1,094,309	\$ -		
2026	5,608,207	175,256	5,432,951	1,066,030	1,066,030	\$ -		
2027	5,432,951	175,256	5,257,694	1,037,751	1,037,751	\$ -		
2028	5,257,694	175,256	5,082,438	1,009,473	1,009,473	\$ -		
2029	5,082,438	175,256	4,907,181	981,194	981,194	\$ -		
2030	4,907,181	175,256	4,731,925	952,916	952,916	\$ -		
2031	4,731,925	175,256	4,556,668	924,637	924,637	\$ -		
2032	4,556,668	175,256	4,381,412	896,359	896,359	\$ -		
2033	4,381,412	175,256	4,206,155	868,080	868,080	\$ -		
2034	4,206,155	175,256	4,030,899	839,802	839,802	\$ -		
2035	4,030,899	175,256	3,855,642	811,523	811,523	\$ -		
2036	3,855,642	175,256	3,680,386	783,245	783,245	\$ -		
2037	3,680,386	175,256	3,505,130	754,966	754,966	\$ -		
2038	3,505,130	175,256	3,329,873	726,688	726,688	\$ -		
2039	3,329,873	175,256	3,154,617	698,409	698,409	\$ -		
2040	3,154,617	175,256	2,979,360	670,131	670,131	\$ -		
2041	2,979,360	175,256	2,804,104	641,852	641,852	\$ -		
2042	2,804,104	175,256	2,628,847	613,574	613,574	\$ -		
2043	2,628,847	175,256	2,453,591	585,295	585,295	\$ -		
2044	2,453,591	175,256	2,278,334	557,017	557,017	\$ -		
2045	2,278,334	175,256	2,103,078	528,738	528,738	\$ -		
2046	2,103,078	175,256	1,927,821	500,460	500,460	\$ -		
2047	1,927,821	175,256	1,752,565	472,181	472,181	\$ -		
2048	1,752,565	175,256	1,577,308	443,902	443,902	\$ -		
2049	1,577,308	175,256	1,402,052	415,624	415,624	\$ -		
2050	1,402,052	175,256	1,226,795	387,345	387,345	\$ -		
2051	1,226,795	175,256	1,051,539	359,067	359,067	\$ -		
2052	1,051,539	175,256	876,282	330,788	330,788	\$ -		
2053	876,282	175,256	701,026	302,510	302,510	\$ -		
2054	701,026	175,256	525,769	274,231	274,231	\$ -		
2055	525,769	175,256	350,513	245,953	245,953	\$ -		
2056	350,513	175,256	175,256	217,674	217,674	\$ -		
2057	175,256	175,256	0	189,396	189,396	\$ -		
2058	0	0	-	0	0	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
2073	-	-	-	-	-	\$ -		
2074	-	-	-	-	-	\$ -		
2075	-	-	-	-	-	\$ -		
2076	-	-	-	-	-	\$ -		
2077	-	-	-	-	-	\$ -		
2078	-	-	-	-	-	\$ -		
Project Totals		7,360,772		33,490,129	33,490,129	-		

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

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

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

Worksheet J - ATRR PROJECTED Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

Current Projected Year ARR	8,458,843
Current Projected Year ARR w/ Incentive	8,458,843
Current Projected Year Incentive ARR	-

Details		Current Year	2020
Investment	50,970,497		
Service Year (yyyy)	2015	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	6	FCR w/o incentives, less depreciation	16.14%
Useful life	42	FCR w/incentives approved for these facilities, less dep.	16.14%
CIAC (Yes or No)	No	Annual Depreciation Expense	1,213,583

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't. From Prior Year Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2015	50,970,497	606,792	50,363,705	8,782,187	8,782,187	\$ -	\$ 6,416,043	\$ 6,416,043
2016	50,363,705	1,213,583	49,150,122	9,242,115	9,242,115	\$ -	\$ 7,260,678	\$ 7,260,678
2017	49,150,122	1,213,583	47,936,539	9,046,297	9,046,297	\$ -	\$ 8,690,541	\$ 8,690,541
2018	47,936,539	1,213,583	46,722,956	8,850,479	8,850,479	\$ -	\$ 7,830,032	\$ 7,830,032
2019	46,722,956	1,213,583	45,509,372	8,654,661	8,654,661	\$ -	\$ 8,066,438	\$ 8,066,438
2020	45,509,372	1,213,583	44,295,789	8,458,843	8,458,843	\$ -		
2021	44,295,789	1,213,583	43,082,206	8,263,026	8,263,026	\$ -		
2022	43,082,206	1,213,583	41,868,623	8,067,208	8,067,208	\$ -		
2023	41,868,623	1,213,583	40,655,039	7,871,390	7,871,390	\$ -		
2024	40,655,039	1,213,583	39,441,456	7,675,572	7,675,572	\$ -		
2025	39,441,456	1,213,583	38,227,873	7,479,754	7,479,754	\$ -		
2026	38,227,873	1,213,583	37,014,289	7,283,936	7,283,936	\$ -		
2027	37,014,289	1,213,583	35,800,706	7,088,119	7,088,119	\$ -		
2028	35,800,706	1,213,583	34,587,123	6,892,301	6,892,301	\$ -		
2029	34,587,123	1,213,583	33,373,540	6,696,483	6,696,483	\$ -		
2030	33,373,540	1,213,583	32,159,956	6,500,665	6,500,665	\$ -		
2031	32,159,956	1,213,583	30,946,373	6,304,847	6,304,847	\$ -		
2032	30,946,373	1,213,583	29,732,790	6,109,029	6,109,029	\$ -		
2033	29,732,790	1,213,583	28,519,207	5,913,211	5,913,211	\$ -		
2034	28,519,207	1,213,583	27,305,623	5,717,394	5,717,394	\$ -		
2035	27,305,623	1,213,583	26,092,040	5,521,576	5,521,576	\$ -		
2036	26,092,040	1,213,583	24,878,457	5,325,758	5,325,758	\$ -		
2037	24,878,457	1,213,583	23,664,874	5,129,940	5,129,940	\$ -		
2038	23,664,874	1,213,583	22,451,290	4,934,122	4,934,122	\$ -		
2039	22,451,290	1,213,583	21,237,707	4,738,304	4,738,304	\$ -		
2040	21,237,707	1,213,583	20,024,124	4,542,487	4,542,487	\$ -		
2041	20,024,124	1,213,583	18,810,541	4,346,669	4,346,669	\$ -		
2042	18,810,541	1,213,583	17,596,957	4,150,851	4,150,851	\$ -		
2043	17,596,957	1,213,583	16,383,374	3,955,033	3,955,033	\$ -		
2044	16,383,374	1,213,583	15,169,791	3,759,215	3,759,215	\$ -		
2045	15,169,791	1,213,583	13,956,208	3,563,397	3,563,397	\$ -		
2046	13,956,208	1,213,583	12,742,624	3,367,580	3,367,580	\$ -		
2047	12,742,624	1,213,583	11,529,041	3,171,762	3,171,762	\$ -		
2048	11,529,041	1,213,583	10,315,458	2,975,944	2,975,944	\$ -		
2049	10,315,458	1,213,583	9,101,874	2,780,126	2,780,126	\$ -		
2050	9,101,874	1,213,583	7,888,291	2,584,308	2,584,308	\$ -		
2051	7,888,291	1,213,583	6,674,708	2,388,490	2,388,490	\$ -		
2052	6,674,708	1,213,583	5,461,125	2,192,672	2,192,672	\$ -		
2053	5,461,125	1,213,583	4,247,541	1,996,855	1,996,855	\$ -		
2054	4,247,541	1,213,583	3,033,958	1,801,037	1,801,037	\$ -		
2055	3,033,958	1,213,583	1,820,375	1,605,219	1,605,219	\$ -		
2056	1,820,375	1,213,583	606,792	1,409,401	1,409,401	\$ -		
2057	606,792	606,792	-	655,746	655,746	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
2073	-	-	-	-	-	\$ -		
2074	-	-	-	-	-	\$ -		
Project Totals	50,970,497			227,794,008	227,794,008	-		

** 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.

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

Worksheet J - ATRR PROJECTED Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

Current Projected Year ARR	8,678,860
Current Projected Year ARR w/ Incentive	8,678,860
Current Projected Year Incentive ARR	-

Details		Current Year	2020
Investment	52,397,331		
Service Year (yyyy)	2015	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	5	FCR w/o incentives, less depreciation	16.14%
Useful life	42	FCR w/incentives approved for these facilities, less dep.	16.14%
CIAC (Yes or No)	No	Annual Depreciation Expense	1,247,556

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't. From Prior Year Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2015	52,397,331	727,741	51,669,590	9,123,605	9,123,605	\$ -	\$ 7,243,003	\$ 7,243,003
2016	51,669,590	1,247,556	50,422,035	9,484,057	9,484,057	\$ -	\$ 7,538,577	\$ 7,538,577
2017	50,422,035	1,247,556	49,174,479	9,282,758	9,282,758	\$ -	\$ 9,073,387	\$ 9,073,387
2018	49,174,479	1,247,556	47,926,924	9,081,459	9,081,459	\$ -	\$ 8,068,347	\$ 8,068,347
2019	47,926,924	1,247,556	46,679,368	8,880,159	8,880,159	\$ -	\$ 8,277,757	\$ 8,277,757
2020	46,679,368	1,247,556	45,431,813	8,678,860	8,678,860	\$ -		
2021	45,431,813	1,247,556	44,184,257	8,477,560	8,477,560	\$ -		
2022	44,184,257	1,247,556	42,936,702	8,276,261	8,276,261	\$ -		
2023	42,936,702	1,247,556	41,689,146	8,074,961	8,074,961	\$ -		
2024	41,689,146	1,247,556	40,441,591	7,873,662	7,873,662	\$ -		
2025	40,441,591	1,247,556	39,194,035	7,672,362	7,672,362	\$ -		
2026	39,194,035	1,247,556	37,946,480	7,471,063	7,471,063	\$ -		
2027	37,946,480	1,247,556	36,698,924	7,269,764	7,269,764	\$ -		
2028	36,698,924	1,247,556	35,451,369	7,068,464	7,068,464	\$ -		
2029	35,451,369	1,247,556	34,203,813	6,867,165	6,867,165	\$ -		
2030	34,203,813	1,247,556	32,956,258	6,665,865	6,665,865	\$ -		
2031	32,956,258	1,247,556	31,708,702	6,464,566	6,464,566	\$ -		
2032	31,708,702	1,247,556	30,461,147	6,263,266	6,263,266	\$ -		
2033	30,461,147	1,247,556	29,213,591	6,061,967	6,061,967	\$ -		
2034	29,213,591	1,247,556	27,966,036	5,860,668	5,860,668	\$ -		
2035	27,966,036	1,247,556	26,718,480	5,659,368	5,659,368	\$ -		
2036	26,718,480	1,247,556	25,470,925	5,458,069	5,458,069	\$ -		
2037	25,470,925	1,247,556	24,223,369	5,256,769	5,256,769	\$ -		
2038	24,223,369	1,247,556	22,975,814	5,055,470	5,055,470	\$ -		
2039	22,975,814	1,247,556	21,728,258	4,854,170	4,854,170	\$ -		
2040	21,728,258	1,247,556	20,480,703	4,652,871	4,652,871	\$ -		
2041	20,480,703	1,247,556	19,233,147	4,451,572	4,451,572	\$ -		
2042	19,233,147	1,247,556	17,985,592	4,250,272	4,250,272	\$ -		
2043	17,985,592	1,247,556	16,738,036	4,048,973	4,048,973	\$ -		
2044	16,738,036	1,247,556	15,490,481	3,847,673	3,847,673	\$ -		
2045	15,490,481	1,247,556	14,242,925	3,646,374	3,646,374	\$ -		
2046	14,242,925	1,247,556	12,995,370	3,445,074	3,445,074	\$ -		
2047	12,995,370	1,247,556	11,747,814	3,243,775	3,243,775	\$ -		
2048	11,747,814	1,247,556	10,500,259	3,042,475	3,042,475	\$ -		
2049	10,500,259	1,247,556	9,252,703	2,841,176	2,841,176	\$ -		
2050	9,252,703	1,247,556	8,005,148	2,639,877	2,639,877	\$ -		
2051	8,005,148	1,247,556	6,757,592	2,438,577	2,438,577	\$ -		
2052	6,757,592	1,247,556	5,510,037	2,237,278	2,237,278	\$ -		
2053	5,510,037	1,247,556	4,262,481	2,035,978	2,035,978	\$ -		
2054	4,262,481	1,247,556	3,014,926	1,834,679	1,834,679	\$ -		
2055	3,014,926	1,247,556	1,767,370	1,633,379	1,633,379	\$ -		
2056	1,767,370	1,247,556	519,815	1,432,080	1,432,080	\$ -		
2057	519,815	519,815	-	561,752	561,752	\$ -		
2058	-	-	-	-	-	\$ -		
2059	-	-	-	-	-	\$ -		
2060	-	-	-	-	-	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
2073	-	-	-	-	-	\$ -		
2074	-	-	-	-	-	\$ -		
Project Totals	52,397,331		233,466,173	233,466,173		-		

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

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

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

Worksheet J - ATRR PROJECTED Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

Current Projected Year ARR	464,920
Current Projected Year ARR w/ Incentive	464,920
Current Projected Year Incentive ARR	-

Details		Current Year	2020
Investment	2,648,210		
Service Year (yyyy)	2017	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	12	FCR w/o incentives, less depreciation	16.14%
Useful life	42	FCR w/incentives approved for these facilities, less dep.	16.14%
CIAC (Yes or No)	No	Annual Depreciation Expense	63,053

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't. From Prior Year Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2017	2,648,210	-	2,648,210	427,302	427,302	\$ -	\$ 525,167	\$ 525,167
2018	2,648,210	63,053	2,585,157	485,268	485,268	\$ -	\$ 400,069	\$ 400,069
2019	2,585,157	63,053	2,522,105	475,094	475,094	\$ -	\$ 448,563	\$ 448,563
2020	2,522,105	63,053	2,459,052	464,920	464,920	\$ -		
2021	2,459,052	63,053	2,396,000	454,746	454,746	\$ -		
2022	2,396,000	63,053	2,332,947	444,572	444,572	\$ -		
2023	2,332,947	63,053	2,269,894	434,399	434,399	\$ -		
2024	2,269,894	63,053	2,206,842	424,225	424,225	\$ -		
2025	2,206,842	63,053	2,143,789	414,051	414,051	\$ -		
2026	2,143,789	63,053	2,080,736	403,877	403,877	\$ -		
2027	2,080,736	63,053	2,017,684	393,703	393,703	\$ -		
2028	2,017,684	63,053	1,954,631	383,529	383,529	\$ -		
2029	1,954,631	63,053	1,891,579	373,355	373,355	\$ -		
2030	1,891,579	63,053	1,828,526	363,182	363,182	\$ -		
2031	1,828,526	63,053	1,765,473	353,008	353,008	\$ -		
2032	1,765,473	63,053	1,702,421	342,834	342,834	\$ -		
2033	1,702,421	63,053	1,639,368	332,660	332,660	\$ -		
2034	1,639,368	63,053	1,576,315	322,486	322,486	\$ -		
2035	1,576,315	63,053	1,513,263	312,312	312,312	\$ -		
2036	1,513,263	63,053	1,450,210	302,138	302,138	\$ -		
2037	1,450,210	63,053	1,387,158	291,964	291,964	\$ -		
2038	1,387,158	63,053	1,324,105	281,791	281,791	\$ -		
2039	1,324,105	63,053	1,261,052	271,617	271,617	\$ -		
2040	1,261,052	63,053	1,198,000	261,443	261,443	\$ -		
2041	1,198,000	63,053	1,134,947	251,269	251,269	\$ -		
2042	1,134,947	63,053	1,071,895	241,095	241,095	\$ -		
2043	1,071,895	63,053	1,008,842	230,921	230,921	\$ -		
2044	1,008,842	63,053	945,789	220,747	220,747	\$ -		
2045	945,789	63,053	882,737	210,574	210,574	\$ -		
2046	882,737	63,053	819,684	200,400	200,400	\$ -		
2047	819,684	63,053	756,631	190,226	190,226	\$ -		
2048	756,631	63,053	693,579	180,052	180,052	\$ -		
2049	693,579	63,053	630,526	169,878	169,878	\$ -		
2050	630,526	63,053	567,474	159,704	159,704	\$ -		
2051	567,474	63,053	504,421	149,530	149,530	\$ -		
2052	504,421	63,053	441,368	139,357	139,357	\$ -		
2053	441,368	63,053	378,316	129,183	129,183	\$ -		
2054	378,316	63,053	315,263	119,009	119,009	\$ -		
2055	315,263	63,053	252,210	108,835	108,835	\$ -		
2056	252,210	63,053	189,158	98,661	98,661	\$ -		
2057	189,158	63,053	126,105	88,487	88,487	\$ -		
2058	126,105	63,053	63,053	78,313	78,313	\$ -		
2059	63,053	63,053	0	68,140	68,140	\$ -		
2060	0	0	-	0	0	\$ -		
2061	-	-	-	-	-	\$ -		
2062	-	-	-	-	-	\$ -		
2063	-	-	-	-	-	\$ -		
2064	-	-	-	-	-	\$ -		
2065	-	-	-	-	-	\$ -		
2066	-	-	-	-	-	\$ -		
2067	-	-	-	-	-	\$ -		
2068	-	-	-	-	-	\$ -		
2069	-	-	-	-	-	\$ -		
2070	-	-	-	-	-	\$ -		
2071	-	-	-	-	-	\$ -		
2072	-	-	-	-	-	\$ -		
2073	-	-	-	-	-	\$ -		
2074	-	-	-	-	-	\$ -		
2075	-	-	-	-	-	\$ -		
2076	-	-	-	-	-	\$ -		
Project Totals		2,648,210		12,048,858	12,048,858	-		

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

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

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

Worksheet J - ATRR PROJECTED Calculation for PJM Projects Charged to Benefiting Zones

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

A. Base Plan Facilities

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

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

Current Projected Year ARR	269,768
Current Projected Year ARR w/ Incentive	269,768
Current Projected Year Incentive ARR	-

Details		Current Year	2020
Investment	1,487,776		
Service Year (yyyy)	2019	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	6	FCR w/o incentives, less depreciation	16.14%
Useful life	42	FCR w/incentives approved for these facilities, less dep.	16.14%
CIAC (Yes or No)	No	Annual Depreciation Expense	35,423

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	RTEP Projected Rev. Req't. From Prior Year Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
2019	1,487,776	17,712	1,470,064	256,343	256,343	\$ -	\$ 355,700	\$ 355,700
2020	1,470,064	35,423	1,434,641	269,768	269,768	\$ -	\$ -	\$ -
2021	1,434,641	35,423	1,399,218	264,052	264,052	\$ -	\$ -	\$ -
2022	1,399,218	35,423	1,363,795	258,336	258,336	\$ -	\$ -	\$ -
2023	1,363,795	35,423	1,328,371	252,621	252,621	\$ -	\$ -	\$ -
2024	1,328,371	35,423	1,292,948	246,905	246,905	\$ -	\$ -	\$ -
2025	1,292,948	35,423	1,257,525	241,189	241,189	\$ -	\$ -	\$ -
2026	1,257,525	35,423	1,222,102	235,473	235,473	\$ -	\$ -	\$ -
2027	1,222,102	35,423	1,186,678	229,758	229,758	\$ -	\$ -	\$ -
2028	1,186,678	35,423	1,151,255	224,042	224,042	\$ -	\$ -	\$ -
2029	1,151,255	35,423	1,115,832	218,326	218,326	\$ -	\$ -	\$ -
2030	1,115,832	35,423	1,080,409	212,611	212,611	\$ -	\$ -	\$ -
2031	1,080,409	35,423	1,044,986	206,895	206,895	\$ -	\$ -	\$ -
2032	1,044,986	35,423	1,009,562	201,179	201,179	\$ -	\$ -	\$ -
2033	1,009,562	35,423	974,139	195,463	195,463	\$ -	\$ -	\$ -
2034	974,139	35,423	938,716	189,748	189,748	\$ -	\$ -	\$ -
2035	938,716	35,423	903,293	184,032	184,032	\$ -	\$ -	\$ -
2036	903,293	35,423	867,869	178,316	178,316	\$ -	\$ -	\$ -
2037	867,869	35,423	832,446	172,601	172,601	\$ -	\$ -	\$ -
2038	832,446	35,423	797,023	166,885	166,885	\$ -	\$ -	\$ -
2039	797,023	35,423	761,600	161,169	161,169	\$ -	\$ -	\$ -
2040	761,600	35,423	726,176	155,453	155,453	\$ -	\$ -	\$ -
2041	726,176	35,423	690,753	149,738	149,738	\$ -	\$ -	\$ -
2042	690,753	35,423	655,330	144,022	144,022	\$ -	\$ -	\$ -
2043	655,330	35,423	619,907	138,306	138,306	\$ -	\$ -	\$ -
2044	619,907	35,423	584,483	132,590	132,590	\$ -	\$ -	\$ -
2045	584,483	35,423	549,060	126,875	126,875	\$ -	\$ -	\$ -
2046	549,060	35,423	513,637	121,159	121,159	\$ -	\$ -	\$ -
2047	513,637	35,423	478,214	115,443	115,443	\$ -	\$ -	\$ -
2048	478,214	35,423	442,790	109,728	109,728	\$ -	\$ -	\$ -
2049	442,790	35,423	407,367	104,012	104,012	\$ -	\$ -	\$ -
2050	407,367	35,423	371,944	98,296	98,296	\$ -	\$ -	\$ -
2051	371,944	35,423	336,521	92,580	92,580	\$ -	\$ -	\$ -
2052	336,521	35,423	301,098	86,865	86,865	\$ -	\$ -	\$ -
2053	301,098	35,423	265,674	81,149	81,149	\$ -	\$ -	\$ -
2054	265,674	35,423	230,251	75,433	75,433	\$ -	\$ -	\$ -
2055	230,251	35,423	194,828	69,718	69,718	\$ -	\$ -	\$ -
2056	194,828	35,423	159,405	64,002	64,002	\$ -	\$ -	\$ -
2057	159,405	35,423	123,981	58,286	58,286	\$ -	\$ -	\$ -
2058	123,981	35,423	88,558	52,570	52,570	\$ -	\$ -	\$ -
2059	88,558	35,423	53,135	46,855	46,855	\$ -	\$ -	\$ -
2060	53,135	35,423	17,712	41,139	41,139	\$ -	\$ -	\$ -
2061	17,712	17,712	-	19,141	19,141	\$ -	\$ -	\$ -
2062	-	-	-	-	-	\$ -	\$ -	\$ -
2063	-	-	-	-	-	\$ -	\$ -	\$ -
2064	-	-	-	-	-	\$ -	\$ -	\$ -
2065	-	-	-	-	-	\$ -	\$ -	\$ -
2066	-	-	-	-	-	\$ -	\$ -	\$ -
2067	-	-	-	-	-	\$ -	\$ -	\$ -
2068	-	-	-	-	-	\$ -	\$ -	\$ -
2069	-	-	-	-	-	\$ -	\$ -	\$ -
2070	-	-	-	-	-	\$ -	\$ -	\$ -
2071	-	-	-	-	-	\$ -	\$ -	\$ -
2072	-	-	-	-	-	\$ -	\$ -	\$ -
2073	-	-	-	-	-	\$ -	\$ -	\$ -
2074	-	-	-	-	-	\$ -	\$ -	\$ -
2075	-	-	-	-	-	\$ -	\$ -	\$ -
2076	-	-	-	-	-	\$ -	\$ -	\$ -
2077	-	-	-	-	-	\$ -	\$ -	\$ -
2078	-	-	-	-	-	\$ -	\$ -	\$ -
Project Totals		1,487,776		6,649,071	6,649,071	-		

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

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

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

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

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

Line No	Month (a)	Average Balance of Common Equity				Average Balance of Common Equity (f)=(b)-(c)-(d)-(e)
		Proprietary Capital (b)	Less: Preferred Stock (c)	Less Undistributed Sub Earnings (Acct 216.1) (d)	Less AOCI (Acct 219.1) (e)	
(Note A)		(FF1 112.16)	(FF1 250-251)	(FF1 112.12)	(FF1 112.15)	
1	December Prior to Rate Year	1,677,096,000	-	-	-	1,677,096,000
2	January	1,744,617,000	-	-	-	1,744,617,000
3	February	1,800,180,000	-	-	-	1,800,180,000
4	March	1,818,156,000	-	-	-	1,818,156,000
5	April	1,835,092,000	-	-	-	1,835,092,000
6	May	1,852,999,000	-	-	-	1,852,999,000
7	June	1,870,232,000	-	-	-	1,870,232,000
8	July	1,887,036,000	-	-	-	1,887,036,000
9	August	1,903,876,000	-	-	-	1,903,876,000
10	September	1,929,741,000	-	-	-	1,929,741,000
11	October	1,946,710,000	-	-	-	1,946,710,000
12	November	1,972,481,000	-	-	-	1,972,481,000
13	December of Rate Year	1,989,026,000	-	-	-	1,989,026,000
14	Average of the 13 Monthly Balances	1,863,634,000	-	-	-	1,863,634,000

Line No	Month (a)	Average Balance of Long Term Debt					Gross Proceeds Outstanding Long-Term Debt (g)=(b)-(c)+(d)+(e)-(f)
		Bonds (b)	Less: Recquired Bonds (c)	LT Advances from Assoc. Companies (d)	Senior Unsecured Notes (e)	Less: Fair Value Hedges (f)	
(Note A)		(FF1 112.18)	(FF1 112.19)	(FF1 112.20)	(FF1 112.21)	FF1, page 257, Col. (h) - Note 1	
15	December Prior to Rate Year	-	-	1,270,700,000	188,000,000	-	1,458,700,000
16	January	-	-	1,270,700,000	188,000,000	-	1,458,700,000
17	February	-	-	1,270,700,000	188,000,000	-	1,458,700,000
18	March	-	-	1,270,700,000	188,000,000	-	1,458,700,000
19	April	-	-	1,270,700,000	188,000,000	-	1,458,700,000
20	May	-	-	1,270,700,000	188,000,000	-	1,458,700,000
21	June	-	-	1,270,700,000	338,000,000	-	1,608,700,000
22	July	-	-	1,270,700,000	338,000,000	-	1,608,700,000
23	August	-	-	1,270,700,000	338,000,000	-	1,608,700,000
24	September	-	-	1,270,700,000	338,000,000	-	1,608,700,000
25	October	-	-	1,270,700,000	338,000,000	-	1,608,700,000
26	November	-	-	1,270,700,000	338,000,000	-	1,608,700,000
27	December of Rate Year	-	-	1,270,700,000	338,000,000	-	1,608,700,000
28	Average of the 13 Monthly Balances	-	-	1,270,700,000	268,769,000	-	1,539,469,231

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)			59,560,000			
31	Less: Total Hedge Gain/Expense Accumulated from p 256-257, col. (i) of FERC Form 1 included in Ln 30 and shown in 43 below.			-			
32	Amort of Debt Discount & Expense - Acct 428 (117.63.c)			-			
33	Amort of Loss on Reacquired Debt - Acct 428.1 (117.64.c)			-			
34	Less: Amort of Premium on Debt - Acct 429 (117.65.c)			-			
35	Less: Amort of Gain on Reacquired Debt - Acct 429.1 (117.66.c)			-			
36	Total Interest Expense (Ln 30 - 31 + 32 + 33 - 34 - 35)			59,560,000			
37	Average Cost of Debt for 2020 (Ln 36/ Ln 28 (g))			3.87%			

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 respectively. Sales will be functionalized based on the description of that asset. Sales of transmission assets will be direct assigned; sales of general assets will be functionalized on labor. Sales of plant held for future use related to generation or distribution will not be included in the formula.

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

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

PBOP	(A)	(B)
1	<u>Calculation of PBOP Expenses</u>	
2	<u>AEP System PBOP Rate</u>	
3	Total AEP System PBOP expenses	-\$101,323,000
4	Base Year relating to retired personnel	\$0
5	Amount allocated on Labor	-\$101,323,000
6	Total AEP System Direct Labor Expense	\$1,411,118,585
7	AEP System PBOP expense per dollar of direct labor (PBOP Rate)	-\$0.072
8	Currently Approved PBOP Rate	-\$0.043
9	Base PBOP TransCo labor expensed in current year	10,458,768
10	Allowable TransCo PBOP Expense for current year (Ln 8 * Ln 9)	-\$449,727
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)	-\$1,477,266
15	Actual PBOP Expense (Sum Lines 11-14)	-\$1,477,266
16	PBOP Adjustment Line 10 less Line 15	\$1,027,539

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

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

AEPTCo subsidiaries in PJM
 Worksheet - P
 DEPRECIATION RATES
 FOR TRANSMISSION PLANT PROPERTY ACCOUNTS
 EFFECTIVE AS OF 3/6/2019

AEP Ohio Transmission Company

	PLANT ACCT.	RATES Note 1
TRANSMISSION PLANT		
Land Rights	350.1	1.46%
Energy Storage Equipment	351.0	14.22%
Structures & Improvements	352.0	1.75%
Station Equipment	353.0	2.13%
Towers & Fixtures	354.0	1.96%
Poles & Fixtures	355.0	3.17%
Overhead Conductor	356.0	2.14%
Underground Conduit	357.0	2.85%
Underground Conductors	358.0	3.19%
GENERAL PLANT		
Structures and Improvements	390.0	2.64%
Office Furniture and Equip.	391.0	3.67%
Stores Equipment	393.0	3.35%
Tools, Shop and Garage Equipment	394.0	4.48%
Laboratory Equipment	395.0	5.06%
Power Operated Equipment	396.0	4.55%
Communications Equipment	394.0	4.82%
Micellaneous Equipment	398.0	4.19%

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

	CSP	OPCo	TOTAL
Composite Depreciation Rate			
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.

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

Reconciliation Revenue Requirement For Year 2018 Available May 25, 2019 \$332,520,664	-	2018 Forecasted Revenue Requirement For Year 2018 \$324,809,870	=	True-up Adjustment - Over (Under) Recovery (\$7,710,794)
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Interest Rate on Amount of Refunds or Surcharges (Note 1)	Over (Under) Recovery Plus Interest	Average Monthly Interest Rate	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed
		0.4095%				

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

<u>Calculation of Interest</u>					<u>Monthly</u>	
January	Year 2018	(642,566)	0.4095%	12	31,576	674,142
February	Year 2018	(642,566)	0.4095%	11	28,944	671,511
March	Year 2018	(642,566)	0.4095%	10	26,313	668,879
April	Year 2018	(642,566)	0.4095%	9	23,682	666,248
May	Year 2018	(642,566)	0.4095%	8	21,050	663,617
June	Year 2018	(642,566)	0.4095%	7	18,419	660,985
July	Year 2018	(642,566)	0.4095%	6	15,788	658,354
August	Year 2018	(642,566)	0.4095%	5	13,157	655,723
September	Year 2018	(642,566)	0.4095%	4	10,525	653,091
October	Year 2018	(642,566)	0.4095%	3	7,894	650,460
November	Year 2018	(642,566)	0.4095%	2	5,263	647,829
December	Year 2018	(642,566)	0.4095%	1	2,631	645,197
					205,242	7,916,036

January through December	Year 2019	7,916,036	0.4095%	12	<u>Annual</u> 388,994	8,305,030
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<u>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</u>					<u>Monthly</u>	
January	Year 2020	(8,305,030)	0.4095%		34,009	7,628,394
February	Year 2020	(7,628,394)	0.4095%		31,238	6,948,987
March	Year 2020	(6,948,987)	0.4095%		28,456	6,266,797
April	Year 2020	(6,266,797)	0.4095%		25,663	5,581,814
May	Year 2020	(5,581,814)	0.4095%		22,858	4,894,026
June	Year 2020	(4,894,026)	0.4095%		20,041	4,203,422
July	Year 2020	(4,203,422)	0.4095%		17,213	3,509,990
August	Year 2020	(3,509,990)	0.4095%		14,373	2,813,717
September	Year 2020	(2,813,717)	0.4095%		11,522	2,114,594
October	Year 2020	(2,114,594)	0.4095%		8,659	1,412,608
November	Year 2020	(1,412,608)	0.4095%		5,785	707,747
December	Year 2020	(707,747)	0.4095%		2,898	0
					222,715	

True-Up Adjustment with Interest	8,527,745
Less Over (Under) Recovery	(7,710,794)
Total Interest	816,951

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

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

Reconciliation Revenue Requirement For Year 2018 Available May 25, 2019	2018 Forecasted Revenue Requirement For Year 2018	True-up Adjustment - Over (Under) Recovery
\$41,536,564	\$42,794,656	\$1,258,092

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 prorata over 2020						
<u>Calculation of Interest</u>				Monthly		
January	Year 2018	104,841	0.4095%	12	(5,152)	(109,993)
February	Year 2018	104,841	0.4095%	11	(4,723)	(109,564)
March	Year 2018	104,841	0.4095%	10	(4,293)	(109,134)
April	Year 2018	104,841	0.4095%	9	(3,864)	(108,705)
May	Year 2018	104,841	0.4095%	8	(3,435)	(108,276)
June	Year 2018	104,841	0.4095%	7	(3,005)	(107,846)
July	Year 2018	104,841	0.4095%	6	(2,576)	(107,417)
August	Year 2018	104,841	0.4095%	5	(2,147)	(106,988)
September	Year 2018	104,841	0.4095%	4	(1,717)	(106,558)
October	Year 2018	104,841	0.4095%	3	(1,288)	(106,129)
November	Year 2018	104,841	0.4095%	2	(859)	(105,700)
December	Year 2018	104,841	0.4095%	1	(429)	(105,270)
					(33,487)	(1,291,579)
				Annual		
January through December	Year 2019	(1,291,579)	0.4095%	12	(63,468)	(1,355,047)
<u>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</u>				Monthly		
January	Year 2020	1,355,047	0.4095%		(5,549)	115,949
February	Year 2020	1,244,648	0.4095%		(5,097)	115,949
March	Year 2020	1,133,796	0.4095%		(4,643)	115,949
April	Year 2020	1,022,490	0.4095%		(4,187)	115,949
May	Year 2020	910,728	0.4095%		(3,729)	115,949
June	Year 2020	798,509	0.4095%		(3,270)	115,949
July	Year 2020	685,830	0.4095%		(2,808)	115,949
August	Year 2020	572,689	0.4095%		(2,345)	115,949
September	Year 2020	459,086	0.4095%		(1,880)	115,949
October	Year 2020	345,017	0.4095%		(1,413)	115,949
November	Year 2020	230,481	0.4095%		(944)	115,949
December	Year 2020	115,476	0.4095%		(473)	115,949
					(36,338)	0
True-Up Adjustment with Interest						(1,391,386)
Less Over (Under) Recovery						1,258,092
Total Interest						(133,294)

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

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

Reconciliation Revenue Requirement For Year 2018 Available May 25, 2019	2018 Forecasted Revenue Requirement For Year 2018	True-up Adjustment - Over (Under) Recovery
\$268,198	\$0	(\$268,198)

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 prorata over 2020						
<u>Calculation of Interest</u>				Monthly		
January	Year 2018	(22,350)	12	1,098		23,448
February	Year 2018	(22,350)	11	1,007		23,357
March	Year 2018	(22,350)	10	915		23,265
April	Year 2018	(22,350)	9	824		23,174
May	Year 2018	(22,350)	8	732		23,082
June	Year 2018	(22,350)	7	641		22,990
July	Year 2018	(22,350)	6	549		22,899
August	Year 2018	(22,350)	5	458		22,807
September	Year 2018	(22,350)	4	366		22,716
October	Year 2018	(22,350)	3	275		22,624
November	Year 2018	(22,350)	2	183		22,533
December	Year 2018	(22,350)	1	92		22,441
				7,139		275,337
January through December				Annual		
	Year 2019	275,337	12	13,530		288,867
<u>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</u>				Monthly		
January	Year 2020	(288,867)		1,183	(24,718)	265,332
February	Year 2020	(265,332)		1,087	(24,718)	241,701
March	Year 2020	(241,701)		990	(24,718)	217,973
April	Year 2020	(217,973)		893	(24,718)	194,148
May	Year 2020	(194,148)		795	(24,718)	170,225
June	Year 2020	(170,225)		697	(24,718)	146,204
July	Year 2020	(146,204)		599	(24,718)	122,085
August	Year 2020	(122,085)		500	(24,718)	97,867
September	Year 2020	(97,867)		401	(24,718)	73,550
October	Year 2020	(73,550)		301	(24,718)	49,134
November	Year 2020	(49,134)		201	(24,718)	24,617
December	Year 2020	(24,617)		101	(24,718)	0
				7,747		
True-Up Adjustment with Interest					296,613	
Less Over (Under) Recovery					(268,198)	
Total Interest					28,415	

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