

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

Twelve Months Ended 2020

WHEELING POWER COMPANY

Line No.			Total	Allocator		Transmission Amount
1	REVENUE REQUIREMENT (w/o incentives)	(ln 130)				\$14,476,953
2	REVENUE CREDITS	(Worksheet E Ln 8) (Note A)	3,340,442	DA	1.00000	\$ 3,340,442
3	Facility Credits under PJM OATT Section 30.9	(Worksheet E Ln 9) (Note X)				\$ -
4	REVENUE REQUIREMENT For All Company Facilities	(ln 1 less ln 2 plus ln 3)				\$ 11,136,510

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)	117,847	DA	1.00000	\$ 117,847
6	NET PLANT CARRYING CHARGE w/o intra-AEP charges or credits or ROE incentives (Note B)					
7	Annual Rate	((ln 1 - ln 95) / ((ln 42) x 100))				12.25%
8	Monthly Rate	(ln 7 / 12)				1.02%
9	NET PLANT CARRYING CHARGE ON LINE 7 , w/o depreciation or ROE incentives (Note B)					
10	Annual Rate	((ln 1 - ln 95 - ln 100) / ((ln 42) x 100))				9.95%
11	NET PLANT CARRYING CHARGE ON LINE 10, w/o Return, income taxes or ROE incentives (Note B)					
12	Annual Rate	((ln 1 - ln 95 - ln 100 - ln 125 - ln 126) / ((ln 42) x 100))				2.84%
13	ADDITIONAL REVENUE REQUIREMENT for projects w/ incentive ROE's (Note B) (Worksheet J/K)					
14	REVENUE REQUIREMENT FOR SCHEDULE 1A CHARGES					
15	Total Load Dispatch & Scheduling (Account 561)	Line 75 Below				1,430,000
16	Less: Load Dispatch - Scheduling, System Control and Dispatch Services (321.88.b)					882,000
17	Less: Load Dispatch - Reliability, Planning & Standards Development Services (321.92.b)					245,000
18	Total 561 Internally Developed Costs	(Line 15 - Line 16 - Line 17)				303,000

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	(1)	(2)	(3)	(4)	(5)
	RATE BASE CALCULATION	Data Sources (See "General Notes")	TO Total NOTE C	Allocator	Total Transmission
Line No.					
19	GROSS PLANT IN SERVICE				
19	Production	(Worksheet A In 14.(b))	1,040,121,000	NA	0.00000
20	Less: Production ARO (Enter Negative)	(Worksheet A In 14.(c))	(5,738,000)	NA	0.00000
21	Transmission	(Worksheet A In 14.(d) & TCOS Ln 134)	157,922,000	DA	
22	Less: Transmission ARO (Enter Negative)	(Worksheet A In 14.(e))	-	TP	0.93931
23	Distribution	(Worksheet A In 14.(f))	233,975,000	NA	0.00000
24	Less: Distribution ARO (Enter Negative)	(Worksheet A In 14.(g))	(26,000)	NA	0.00000
25	General Plant	(Worksheet A In 14.(h))	6,888,000	W/S	0.02699
26	Less: General Plant ARO (Enter Negative)	(Worksheet A In 14.(i))	-	W/S	0.02699
27	Intangible Plant	(Worksheet A In 14.(j))	5,392,000	W/S	0.02699
28	TOTAL GROSS PLANT	(sum Ins 19 to 27)	1,438,534,000	GP	0.103347
				GTD=	0.37854
29	ACCUMULATED DEPRECIATION AND AMORTIZATION				
30	Production	(Worksheet A In 28.(b))	438,547,000	NA	0.00000
31	Less: Production ARO (Enter Negative)	(Worksheet A In 28.(c))	(2,915,000)	NA	0.00000
32	Transmission	(Worksheet A In 28.(d) & In 43.(c))	36,264,000	TP1=	0.83135
33	Less: Transmission ARO (Enter Negative)	(Worksheet A In 28.(e))	-	TP1=	0.83135
34	Distribution	(Worksheet A In 28.(f))	63,054,000	NA	0.00000
35	Less: Distribution ARO (Enter Negative)	(Worksheet A In 28.(g))	(18,000)	NA	0.00000
36	General Plant	(Worksheet A In 28.(h))	3,075,000	W/S	0.02699
37	Less: General Plant ARO (Enter Negative)	(Worksheet A In 28.(i))	-	W/S	0.02699
38	Intangible Plant	(Worksheet A In 28.(j))	2,504,000	W/S	0.02699
39	TOTAL ACCUMULATED DEPRECIATION	(sum Ins 30 to 38)	540,511,000		
40	NET PLANT IN SERVICE				
41	Production	(In 19 + In 20 - In 30 - In 31)	598,751,000		-
42	Transmission	(In 21 + In 22 - In 32 - In 33)	121,658,000		118,189,000
43	Distribution	(In 23 + In 24 - In 34 - In 35)	170,913,000		-
44	General Plant	(In 25 + In 26 - In 36 - In 37)	3,813,000		102,905
45	Intangible Plant	(In 27 - In 38)	2,888,000		77,941
46	TOTAL NET PLANT IN SERVICE	(sum Ins 41 to 45)	898,023,000	NP	0.131812
47	DEFERRED TAX ADJUSTMENTS TO RATE BASE	(Note D)			
48	Account No. 281.1 (enter negative)	(Worksheet B, In 2 & In 5.E)	(50,961,301)	NA	-
49	Account No. 282.1 (enter negative)	(Worksheet B, In 7 & In 10.E)	(104,906,119)	DA	(26,974,811)
50	Account No. 283.1 (enter negative)	(Worksheet B, In 12 & In 15.E)	(67,823,787)	DA	(247,019)
51	Account No. 190.1	(Worksheet B, In 17 & In 20.E)	34,873,235	DA	588,440
52	Account No. 255 (enter negative)	(Worksheet B, In 24 & In 25.E)	-	DA	-
53	TOTAL ADJUSTMENTS	(sum Ins 48 to 52)	(188,817,972)		(26,633,391)
54	PLANT HELD FOR FUTURE USE	(Worksheet A In 44.(e) & In 45.(e))	-	DA	-
55	REGULATORY ASSETS	(Worksheet A In 51.(e))	-	DA	-
56	UNFUNDED RESERVES (ENTER NEGATIVE) (NOTE Y)	(Worksheet A In 54.(e))	(9,000)	W/S	0.02699
57	WORKING CAPITAL	(Note E)			
58	Cash Working Capital	(1/8 * In 78)	140,625		132,090
59	Transmission Materials & Supplies	(Worksheet C, In 2.(F))	-	TP	0.93931
60	A&G Materials & Supplies	(Worksheet C, In 3.(F))	1,000	W/S	0.02699
61	Stores Expense	(Worksheet C, In 4.(F))	-	GP	0.10335
62	Prepayments (Account 165) - Labor Allocated	(Worksheet C, In 8.G)	18,771,812	W/S	0.02699
63	Prepayments (Account 165) - Gross Plant	(Worksheet C, In 8.F)	1,212,539	GP	0.10335
64	Prepayments (Account 165) - Transmission Only	(Worksheet C, In 8.E)	-	DA	1.00000
65	Prepayments (Account 165) - Unallocable	(Worksheet C, In 8.D)	(17,822,624)	NA	0.00000
66	TOTAL WORKING CAPITAL	(sum Ins 58 to 65)	2,303,352		764,043
67	IPP CONTRIBUTIONS FOR CONSTRUCTION	(Note F) (Worksheet D, In 8.B)	-	DA	1.00000
68	RATE BASE (sum Ins 46, 53, 54, 55, 56, 66, 67)		711,499,380		92,500,255

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	(1)	(2)	(3)	(4)	(5)
Line	EXPENSE, TAXES, RETURN & REVENUE REQUIREMENTS CALCULATION	Data Sources (See "General Notes")	TO Total	Allocator	Total Transmission
No.	OPERATION & MAINTENANCE EXPENSE				
69	Production	321.80.b	161,837,000		
70	Distribution	322.156.b	7,412,000		
71	Customer Related Expense	322 & 323.164,171,178.b	2,575,000		
72	Regional Marketing Expenses	322.131.b	776,000		
73	Transmission	321.112.b	45,264,000		
74	TOTAL O&M EXPENSES	(sum Ins 69 to 73)	217,864,000		
75	Less: Total Account 561	(Note G) (Worksheet F, In 14.C)	1,430,000		
76	Less: Account 565	(Note H) 321.96.b	42,709,000		
77	Less: Regulatory Deferrals & Amortizations	(Note I) (Worksheet F, In 4.C)	-		
78	Total O&M Allocable to Transmission	(Ins 73 - 75 - 76 - 77)	1,125,000	TP	0.93931
79	Administrative and General	323.197.b (Notes J and M)	7,280,000		
80	Less: Acct. 924, Property Insurance	323.185.b	709,000		
81	Acct. 9260039 PBOP Expense	PBOP Worksheet O Line 9 & 10, (Note K)	(812,832)		
82	Acct. 9260057 PBOP Medicare Subsidy	PBOP Worksheet O Line 11, (Note K)	-		
83	PBOP Expense Billed From AEPSC	PBOP Worksheet O Line 13, (Note K)	(110,281)		
84	Acct. 928, Reg. Com. Exp.	323.189.b	41,000		
85	Acct. 930.1, Gen. Advert. Exp.	323.191.b	1,000		
86	Acct. 930.2, Misc. Gen. Exp.	323.192.b	125,000		
87	Balance of A & G	(In 79 - sum In 80 to In 86)	7,327,113	W/S	0.02699
88	Plus: Acct. 924, Property Insurance	(In 80)	709,000	GP	0.10335
89	Acct. 928 - Transmission Specific	Worksheet F In 20.(E) (Note L)	916	TP	0.93931
90	Acct 930.1 - Only safety related ads -Direct	Worksheet F In 37.(E) (Note L)	-	TP	0.93931
91	Acct 930.2 - Misc Gen. Exp. - Trans	Worksheet F In 43.(E) (Note L)	5,463	DA	1.00000
92	Settlement Approved PBOP Recovery	PBOP Worksheet O, Col. C (Note M)	(2,033,401)	W/S	0.02699
93	A & G Subtotal	(sum Ins 87 to 92)	6,009,091		
94	O & M EXPENSE SUBTOTAL	(In 78 + In 93)	7,134,091		
95	Plus: Transmission Lease Payments To Affiliates in Acct 565 (Company Records)	(Note H)	-	DA	1.00000
96	TOTAL O & M EXPENSE	(In 94 + In 95)	7,134,091		
97	DEPRECIATION AND AMORTIZATION EXPENSE				
98	Production	336.2-6.f	30,149,000	NA	0.00000
99	Distribution	336.8.f	8,814,000	NA	0.00000
100	Transmission	336.7.f	3,262,000	TP1	0.83135
101	General	336.10.f	162,000	W/S	0.02699
102	Intangible	336.1.f	916,000	W/S	0.02699
103	TOTAL DEPRECIATION AND AMORTIZATION	(Ln 98+99+100+101+102) (Note N)	43,303,000		
104	TAXES OTHER THAN INCOME				
105	Labor Related				
106	Payroll	Worksheet H In 22.(D)	178,991	W/S	0.02699
107	Plant Related				
108	Property	Worksheet H-1 In 3.(C) & 3.(G)	6,696,850	DA	1.922,217
109	Gross Receipts/Sales & Use	Worksheet H In 22.(F)	9,452,000	NA	0.00000
110	Other	Worksheet H In 22.(E)	1,119,564	GP	0.10335
111	TOTAL OTHER TAXES	(sum Ins 106 to 110)	17,447,405		
112	INCOME TAXES	(Note O)			
113	$T=1 - \{(1 - SIT) * (1 - FIT)\} / (1 - SIT * FIT * p) =$		26.09%		
114	$EIT=(T/(1-T)) * (1-(WCLTD/WACC)) =$		27.19%		
115	where WCLTD=(In 154) and WACC = (In 157)				
116	and FIT, SIT & p are as given in Note O.				
117	$GRCF=1 / (1 - T) =$ (from In 113)		1.3530		
118	Amortized Investment Tax Credit (enter negative)	(FF1 p.114, In 19.c)	-		
119	Excess Deferred Income Tax	(Note U)	(2,932,973)	DA	(89,108)
120	Tax Effect of Permanent and Flow-Through Differences	(Note U)	1,176,814	DA	33,430
121	Income Tax Calculation	(In 114 * In 126)	13,957,335		
122	ITC adjustment	(In 117 * In 118)	-	GP	0.10335
123	Excess Deferred Income Tax	(In 117 * In 119)	(3,968,314)		
124	Tax Effect of Permanent and Flow-Through Differences	(In 117 * In 120)	1,592,230		
125	TOTAL INCOME TAXES	(sum Ins 121 to 124)	11,581,251		
126	RETURN ON RATE BASE (Rate Base*WACC)	(In 68 * In 157)	51,341,994		
127	INTEREST ON IPP CONTRIBUTION FOR CONST. (Note F) (Worksheet D, In 2.(B))		-	DA	1.00000
128	(Gains) / Losses on Sales of Plant Held for Future Use (Worksheet N, In 4, Cols. ((F) & (H))		-		
129	Tax Impact on Net Loss / (Gain) on Sales of Plant Held for Future Use (In 128 * In 114)		-		
130	TOTAL REVENUE REQUIREMENT		130,807,740		
	(sum Ins 96, 103, 111, 125, 126, 127, 128, 129)				14,476,953

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SUPPORTING CALCULATIONS

In No.	TRANSMISSION PLANT INCLUDED IN PJM TARIFF								
131	Total transmission plant	(In 21)							157,922,000
132	Less transmission plant excluded from PJM Tariff (Worksheet A, In 42, Col. (d)) (Note P)								-
133	Less transmission plant included in OATT Ancillary Services (Worksheet A, In 42, Col. (b)) (Note Q)								9,585,000
134	Transmission plant included in PJM Tariff	(In 131 - In 132 - In 133)							148,337,000
135	Percent of transmission plant in PJM Tariff	(In 134 / In 131)						TP=	0.93931
136	WAGES & SALARY ALLOCATOR (W/S)	(Note R)							
137	Production	354.20.b	Direct Payroll	Payroll Billed from AEP Service Corp.	Total				
138	Transmission	354.21.b	10,747,225	2,921	10,750,146	NA	0.00000		-
139	Regional Market Expenses	354.22.b	9	412,424	412,433	TP	0.93931		387,401
140	Distribution	354.23.b	0	0	-	NA	0.00000		-
141	Other (Excludes A&G)	354.24,25,26.b	2,103,283	286,047	2,389,330	NA	0.00000		-
142	Total	(sum Ins 137 to 141)	436,179	366,462	802,641	NA	0.00000		-
143	Transmission related amount		13,286,696	1,067,854	14,354,550			W/S=	0.02699
144	WEIGHTED AVERAGE COST OF CAPITAL (WACC)								\$
145	Long Term Interest	(Worksheet M, In. 37, col. (d))							12,538,000
146	Preferred Dividends	(Worksheet M, In. 71)							-
147	Development of Common Stock:								
148	Proprietary Capital	(Worksheet M, In. 14, col. (b))							405,671,000
149	Less: Preferred Stock	(Worksheet M, In. 14, col. (c))							-
150	Less: Account 216.1	(Worksheet M, In. 14, col. (d))							-
151	Less: Account 219	(Worksheet M, In. 14, col. (e))							(143,000)
152	Common Stock	(In 148 - In 149 - In 150 - In 151)							405,814,000
153			\$	%	Cap Limit	Cost (Note S)			Weighted
154	Long Term Debt (Note T) Worksheet M, In 28, col. (g), In 38, col. (d))		350,000,000	46.31%	46.31%	3.58%			0.0166
155	Preferred Stock (In 149)		-	0.00%	0.00%	-			0.0000
156	Common Stock (In 152)		405,814,000	53.69%	53.69%	10.35%			0.0556
157	Total (Sum Ins 154 to 156)		755,814,000					WACC=	0.0722
158	Capital Structure Equity Limit (Note Z)	55%							

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Letter

Notes

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

- A Revenue credits include:
1) Forfeited Discounts.
2) Miscellaneous Service Revenues.
3) Rental revenues earned on assets included in the rate base.
4) Revenues for associated business projects provided by employees whose labor and overhead costs are in the transmission cost of service.
5) Other electric revenues.
6) Revenues for grandfathered PTP contracts included in the load divisor.
7) If AEP East companies have any directly assigned transmission facilities, the revenue credits in the AEP East formula rate shall include all revenues associated with those directly assigned transmission facilities, irrespective of whether the loads of the customer are included in the formula rate divisor; provided however, such addition to revenue credits shall not be reflected if the costs of such directly assigned transmission facilities are not included in the transmission plant balances on which the formula rate ATRR is based.
See Worksheet E for details.
- B The annual and monthly net plant carrying charges on page 1 are used to compute the revenue requirement for RTEP sponsored upgrades or those projects receiving approved incentive-ROE's. Interest will be calculated based on Worksheet Q and any over under recovery will be filed and posted as part of the informational filing.
- C Transmission Plant Balances in this study are projected or actual average of 13-month balances.
- D The total-company balances shown for Accounts 281, 282, 283, 190 only reflect ADIT that relates to utility operations. The balance of Account 255 is reduced by prior flowthrough and is completely excluded if the utility chose to utilize amortization of tax credits against FIT expense. An exception to this is pre-1971 ITC balances, which are required to be taken as an offset to rate base. Account 281 is not allocated. In compliance with FERC Rulemaking the calculation of ADIT in the annual projection will be performed in accordance with IRS regulation Section 1.167(l)-(h)(6)(ii). RM02-7-000, Asset Retirement Obligation deferrals have been removed from ratebase. Transmission ADIT allocations are shown on WS B. The company will not include the ADIT portion of deferred hedge gains and losses in rate base. Detailed balances for the projected or actual period, distinguished between utility and non-utility balances, will be filed and posted as part of the information filing.
- E Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission, as shown on line 78. It excludes:
1) Load Scheduling & Dispatch Charges in account 561 that are collected in the OATT Ancillary Services Revenue, as shown on line 75.
2) Costs of Transmission of Electricity by Others, as described in Note H.
3) The impact of state regulatory deferrals and amortizations, as shown on line 77
4) All A&G Expenses, as shown on line 93.
- F Consistent with Paragraph 657 of Order 2003-A, the amount on line 67 is equal to the balance of IPP System Upgrade Credits owed to transmission customers that made contributions toward the construction of System upgrades, and includes accrued interest and unreturned balance of contributions. The annual interest expense is included on line 127.
- G Removes from the cost of service the Load Scheduling and Dispatch expenses booked to accounts 561.1 through 561.8. Expenses recorded in these accounts, with the exception of 561.4 & 561.8 (lines 16 & 17 above) are recovered in Schedule 1A, OATT ancillary services rates. See Worksheet F, lines 5 through 14, for descriptions and the Form 1 Source of these accounts' balances.
- H Removes cost of transmission service provided by others to determine the basis of cash working capital on line 78. To the extent such service is incurred to provide the PJM service at issue, e.g. lease payments to affiliates, such cost is added back on line 95 to determine the total O&M collected in the formula. The amounts on line 95 is also excluded in the calculation of the FCR percentage calculated on lines 6 through 12.
The addbacks on line 95 of activity recorded in 565 represents inter-company sales or purchases of transmission capacity necessary to meet each AEP company's transmission load relative to their available transmission capacity.
The company records referenced on line 95 is the WHEELING POWER COMPANY general ledger.
- I Removes the impact of state regulatory deferrals or their amortization from Transmission O&M expense.
- J General Plant and Administrative & General expenses, other than in accounts 924, 928, and 930, will be functionalized based on the Wages & Salaries "W/S" allocator. The allocation basis for accounts 924, 928 and 930 are separately presented in the formula. A change in the allocation method for an account must be approved via a 205 filing with the FERC.
- K These deductions on lines 81 through 83 are to remove from the cost of service the expenses recorded by the company for Postemployment Benefits Other than Pensions (PBOP). See Note M below for the recoverable PBOP expense.
- L Expenses recorded in FERC Accounts 928 (Regulatory Commission Expense), 930.1 (Safety Related Advertising) and 930.2 (Miscellaneous General Expenses) that are not directly related to or properly allocable to transmission service will be removed from the TCOS. If AEP includes any expenses booked to these accounts in future ATRR updates, AEP must provide supporting information demonstrating that the underlying activities are directly related to providing transmission service. Account 930.2 includes the expenses incurred by the transmission function for Associated Business Development revenues given as a credit to the TCOS on Worksheet E.
- M See note K above. Per the settlement in Docket ER08-1329, recoverable PBOP expense is based on an annual total for the operating companies that is ratioed to them based on the total of actual annual PBOP costs, including charges from the AEP Service Corporation. The calculation of the recoverable amount for each company is shown on Worksheet O.
- N Includes only FICA, unemployment, highway, property and other assessments charged in the current year. Gross receipts, sales & use and taxes related to income are excluded.
- O The currently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and p = the percentage of federal income tax deductible for state income taxes. See Worksheet G for the development of the Company's composite SIT.
A utility that elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f) (In 118) multiplied by (1/1-T). If the applicable tax rates are zero enter 0.
Inputs Required:
FIT = 21.00%
SIT = 6.44% (State Income Tax Rate or Composite SIT. Worksheet G)
p = 0.00% (percent of federal income tax deductible for state purposes)
The formula rate shall reflect the applicable state and federal statutory tax rates in effect during the period the calculated estimated unit charges are applicable.
If the statutory tax rates change during such period, the effective tax rates used in the formula shall be weighted by the number of days the pre-change rate and post-change rate each is in effect.
- P Removes plant excluded from the OATT because it does not meet the PJM's definition of Transmission Facilities or is otherwise ineligible to be recovered under the OATT.
- Q Removes transmission plant (e.g. step-up transformers) included in the development of OATT ancillary service rates and not already removed for reasons indicated in Note P.
- R Includes functional wages & salaries billed by AEP Service Corporation for support of the operating company.
- S Long Term Debt cost rate = Long-Term Interest (In 145) / Long-Term Debt (In 154). Preferred Stock cost rate = preferred dividends (In 146) / preferred outstanding (In 155).
Common Stock cost rate (ROE) = 10.35%, the rate accepted by FERC in Docket No. ER08-1329. It includes an additional 50 basis points for PJM RTO Membership.
The amount of eligible hedging gains or losses included in total interest expense is limited to five basis points of the capital structure. Details and calculations of the weighted average cost of capital are shown on Worksheet M.
Eligible Hedging Gains and Losses are computed on Worksheet M. The unamortized balance of eligible hedge gains/losses and related ADIT amounts shall not flow through the formula rate.
- T The Long Term Debt balance for I&M includes the accumulated balance of principle and related interest for Spent Nuclear Fuel Disposal Costs collected prior to April 7, 1983.
This total balance of \$265,249,280 at 12/31/12 is not included in the balance in line 154 above.
The cost rates for long-term debt shall include interest expense and related periodic expenses (such as remarketing and letter of credit fees) as recorded in FERC Account 427 or 430, amortization of issuance costs (including insurance) and discounts as recorded in FERC Account 428, issuance premiums as recorded in FERC Account 429 and losses or gains on reacquired debt as recorded in FERC Accounts 428.1 or 429.1, respectively. The cost rates for preferred stock (if applicable) shall include the dividends.
- U Excess / (Deficit) Deferred Income Taxes will be amortized over the average remaining life of the assets to which it relates, unless the Commission requires a different amortization period. The Tax Effect of Permanent Differences captures the differences in the income taxes due under the Federal and State tax calculations that are not the result of a timing difference, including but not limited to depreciation related to capitalized AFUDC equity and meals and entertainment deductions. The Tax Effect of Flow-Through differences captures current tax expense related to timing differences on items for which tax deductions were used to reduce customer rates through the use of flow-through accounting in a prior period. Transmission balances for the projected or actual period, will be filed and posted as part of the informational filing.
- V Cash investment in prepaid pension and benefits recorded in FERC Account 165 is permitted to be included in the formula. A labor expense allocation factor will be used to allocate total company costs. All other prepayments recorded in FERC Account 165 are directly assigned to the transmission function, allocated or excludable balances detailed on Worksheet C.
- W The formula rate shall allocate property tax expense based on the as filed net plant cost allocation method detailed on Worksheet H.
- X Under Section 30.9 of the PJM OATT, a network customer that owns existing transmission facilities that are integrated with the Transmission Provider's Transmission System may be eligible to receive consideration either through a billing credit or some other mechanism. Calculation of any credit under this subsection, pursuant to approval by FERC for inclusion in this formula rate for collection on behalf of the network customer, shall be addressed in either the Network Customer's Service Agreement or any other agreement between the parties.
- Y The cost of service will make a rate base adjustment to remove unfunded reserves associated with contingent liabilities recorded to Accounts 228.1-228.4 from rate base.
- Z Per the settlement in EL17-13, equity is limited to 55% in of the Company's capital structure. If the percentage of actual equity exceeds the cap, the excess is included as long term debt in the capital structure.

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

		Gross Plant In Service								
Line No	Month (a)	Production (b)	Production ARO (c)	Transmission (d)	Transmission ARO (e)	Distribution (f)	Distribution ARO (g)	General (h)	General ARO (i)	Intangible (j)
		FF1, page 205 Col.(g) & pg. 204 Col. (b), In 46	FF1, page 205&204, Col.(g)&(b), Ins 15,24,34.44	FF1, page 207 Col.(g) & pg. 206 Col. (b), In 58	Acct. 359.1 FF1, page 207 Col.(g) & pg. 206 Col. (b), In 57	FF1, page 207 Col.(g) & pg. 206 Col. (b), In 75	FF1, page 207 Col.(g) & pg. 206 Col. (b), In 74	FF1, page 207 Col.(g) & pg. 206 Col. (b), In 99	Acct. 399.1 FF1, page 207 Col.(g) & pg. 206 Col. (b), In 98	FF1, page 205 Col.(g) & pg. 204 Col. (b), In 5
1	December Prior to Rate Year	1,043,351,000	5,738,000	155,037,000	-	229,023,000	26,000	6,857,000	-	4,799,000
2	January	1,042,602,000	5,738,000	155,296,000	-	230,716,000	26,000	6,865,000	-	5,575,000
3	February	1,041,859,000	5,738,000	155,571,000	-	231,701,000	26,000	6,872,000	-	5,646,000
4	March	1,041,260,000	5,738,000	156,034,000	-	232,239,000	26,000	6,876,000	-	5,159,000
5	April	1,040,739,000	5,738,000	156,546,000	-	232,586,000	26,000	6,880,000	-	5,247,000
6	May	1,040,228,000	5,738,000	157,142,000	-	232,934,000	26,000	6,884,000	-	5,338,000
7	June	1,039,679,000	5,738,000	157,755,000	-	233,450,000	26,000	6,888,000	-	5,292,000
8	July	1,039,086,000	5,738,000	158,675,000	-	235,506,000	26,000	6,892,000	-	5,395,000
9	August	1,038,500,000	5,738,000	159,093,000	-	235,877,000	26,000	6,896,000	-	5,497,000
10	September	1,038,042,000	5,738,000	159,516,000	-	236,184,000	26,000	6,901,000	-	5,402,000
11	October	1,037,641,000	5,738,000	159,986,000	-	236,486,000	26,000	6,905,000	-	5,538,000
12	November	1,037,242,000	5,738,000	160,500,000	-	236,788,000	26,000	6,909,000	-	5,707,000
13	December of Rate Year	1,041,349,000	5,738,000	161,830,000	-	238,187,000	26,000	6,914,000	-	5,496,000
14	Average of the 13 Monthly Balances	1,040,121,000	5,738,000	157,922,000	-	233,975,000	26,000	6,888,000	-	5,392,000

		Accumulated Depreciation								
Line No	Month (a)	Production (b)	Production ARO (c)	Transmission (d)	Transmission ARO (e)	Distribution (f)	Distribution ARO (g)	General (h)	General ARO (i)	Intangible (j)
		FF1, page 219, Ins 20-24, Col. (b)	Company Records (Included in total in Column (b))	FF1, page 219, In 25, Col. (b)	Company Records (Included in total in Column (d))	FF1, page 219, In 26, Col. (b)	Company Records (Included in total in Column (f))	FF1, page 219, In 28, Col. (b)	Company Records (Included in total in Column (h))	FF1, page 200, In 21, Col. (b)
15	December Prior to Rate Year	426,348,000	2,828,000	34,995,000	-	59,936,000	17,000	3,000,000	-	2,749,000
16	January	428,398,000	2,842,000	35,204,000	-	60,423,000	17,000	3,013,000	-	2,823,000
17	February	430,444,000	2,857,000	35,413,000	-	60,940,000	17,000	3,026,000	-	2,902,000
18	March	432,474,000	2,872,000	35,622,000	-	61,461,000	17,000	3,038,000	-	2,292,000
19	April	434,509,000	2,886,000	35,833,000	-	61,983,000	17,000	3,050,000	-	2,364,000
20	May	436,542,000	2,901,000	36,044,000	-	62,507,000	17,000	3,063,000	-	2,437,000
21	June	438,549,000	2,915,000	36,257,000	-	63,033,000	18,000	3,075,000	-	2,371,000
22	July	440,590,000	2,930,000	36,470,000	-	63,560,000	18,000	3,087,000	-	2,445,000
23	August	442,629,000	2,945,000	36,686,000	-	64,095,000	18,000	3,100,000	-	2,521,000
24	September	444,667,000	2,959,000	36,902,000	-	64,632,000	18,000	3,112,000	-	2,402,000
25	October	446,652,000	2,974,000	37,119,000	-	65,170,000	18,000	3,124,000	-	2,478,000
26	November	448,635,000	2,988,000	37,336,000	-	65,709,000	18,000	3,137,000	-	2,556,000
27	December of Rate Year	450,670,000	3,003,000	37,555,000	-	66,248,000	18,000	3,149,000	-	2,206,000
28	Average of the 13 Monthly Balances	438,547,000	2,915,000	36,264,000	-	63,054,000	18,000	3,075,000	-	2,504,000

Line No	Month (a)	OATT Ancillary Services (GSU) Plant In Service (b)	OATT Ancillary Services (GSU) Accumulated Depreciation (c)	Excluded Plant - Plant In Service (d)	Excluded Plant - Accumulated Depreciation (e)
		Company Records (included in total in column (d) of gross plant above)	Company Records (included in total in column (b) of accumulated depreciation above)	Company Records	Company Records
29	December Prior to Rate Year	9,585,000	6,010,000		
30	January	9,585,000	6,028,000		
31	February	9,585,000	6,046,000		
32	March	9,585,000	6,063,000		
33	April	9,585,000	6,081,000		
34	May	9,585,000	6,099,000		
35	June	9,585,000	6,116,000		
36	July	9,585,000	6,134,000		
37	August	9,585,000	6,152,000		
38	September	9,585,000	6,169,000		
39	October	9,585,000	6,187,000		
40	November	9,585,000	6,205,000		
41	December of Rate Year	9,585,000	6,222,000		
42	Average of the 13 Monthly Balances	9,585,000	6,116,000	-	-

43 Transmission Accum Depreciation net of GSU 30,148,000

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

Regulatory Assets and Liabilities Approved for Recovery In Ratebase

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

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

Unfunded Reserves Summary (Company Records)

	Description	Account			
52					
53a	Accum Prv I/D Worker's Com		9,000	9,000	9,000
53b					
54	Total		9,000	9,000	9,000

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.

AEP East Companies
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet B Supporting ADIT and ITC Balances
WHEELING POWER 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	<u>Account 281</u>				
2	Year End Utility Deferrals	FF1, p. 272 - 273, ln 8, Col. (k)	50,291,831	51,630,771	50,961,301
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)	50,291,831	51,630,771	50,961,301
5	Transmission Related Deferrals	Ln 2 - ln 3 - ln 4	-	-	-
6	<u>Account 282</u>				
7	Year End Utility Deferrals	FF1, p. 274 - 275, ln 5, Col. (k)	102,936,879	106,875,359	104,906,119
8	Less: ARO Related Deferrals	WS B-1 - Actual Stmt. AF Ln. 7 (Note 1)	945,383	945,383	945,383
9	Less: Other Excluded Deferrals	WS B-1 - Actual Stmt. AF Ln. 6 (Note 1)	75,179,692	78,792,158	76,985,925
10	Transmission Related Deferrals	Ln 7 - ln 8 - ln 9	26,811,805	27,137,818	26,974,811
11	<u>Account 283</u>				
12	Year End Utility Deferrals	FF1, p. 276 - 277, ln 9, Col. (k)	67,640,687	68,006,888	67,823,787
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)	67,393,463	67,760,073	67,576,768
15	Transmission Related Deferrals	Ln 12 - ln 13 - ln 14	247,224	246,815	247,019
16	<u>Account 190</u>				
17	Year End Utility Deferrals	FF1, p. 234, ln 8, Col. (c)	34,873,235	34,873,235	34,873,235
18	Less: ARO Related Deferrals	WS B-2 - Actual Stmt. AG Ln. 4 (Note 1)	1,474,108	1,474,108	1,474,108
19	Less: Other Excluded Deferrals	WS B-2 - Actual Stmt. AG Ln. 3 (Note 1)	32,810,687	32,810,687	32,810,687
20	Transmission Related Deferrals	Ln 17 - ln 18 - ln 19	588,440	588,440	588,440
21	<u>Account 255</u>				
22	Year End ITC Balances	FF1, p. 266-267, ln 8, Col. (h)	-	-	-
23	Less: Balances Not Qualified for Ratebase	Company Records - Note 1	-	-	-
24	ITC Balances Includeable Ratebase	Ln 22 - ln 23	-	-	-
25	Transmission Related Deferrals	WS B-1 - Actual Stmt. AF Ln. 20 (Note 1)	-	-	-

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

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

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
Materials & Supplies								
Line Number	Source	Balance @ December 31, 2020	Balance @ December 31, 2019	Average Balance for 2020				
1								
2	Transmission Materials & Supplies	FF1, p. 227, ln 8, Col. (c) & (b)	0	0	-			
3	General Materials & Supplies	FF1, p. 227, ln 11, Col. (c) & (b)	1,000	1,000	1,000			
4	Stores Expense (Undistributed) - Account 163	FF1, p. 227, ln 16, Col. (c) & (b)			-			

Prepayment Balance Summary (Note 1)

	Average of YE Balance	Excludable Balances	100% Transmission Related	Transmission Plant Related	Transmission Labor Related	Total Included in Ratebase (E)+(F)+(G)	
5							
6	Totals as of December 31, 2020	2,161,727	(17,822,624)	0	1,212,539	18,771,812	19,984,351
7	Totals as of December 31, 2019	2,161,727	(17,822,624)		1,212,539	18,771,812	19,984,351
8	Average Balance	<u>2,161,727</u>	<u>(17,822,624)</u>	<u>-</u>	<u>1,212,539</u>	<u>18,771,812</u>	<u>19,984,351</u>

Prepayments Account 165 - Balance @ 12/31/2020

Acc. No.	Description	2020 YE Balance	Excludable Balances	100% Transmission Related	Transmission Plant Related	Transmission Labor Related	Total Included in Ratebase (E)+(F)+(G)	Explanation
9								
10	1650001 Prepaid Insurance	655,111	-		655,111		655,111	Plant Related Insurance Policies
11	165000218 Prepaid Taxes	949,188	949,188				-	Prepaid Taxes - Distribution
12	165000219 Prepaid Taxes	246,372			246,372		246,372	Prepaid Taxes
13	1650009 Prepaid Carrying Costs - Factored AR	0	-				-	
14	1650010 Prepaid Pension Benefits	14,972,634	-			14,972,634	14,972,634	Prefunded Pension Expense
15	1650014 FAS 158 Qual Contra Asset	(14,972,634)	(14,972,634)				-	SFAS 158 Offsett
16	1650016 FAS 112 ASSETS	0	-				-	
17	1650021 Prepaid Insurance - EIS	311,055	-		311,055		311,055	EIS Insurance
18	1650035 PRW Without Med-D Benefits	3,799,178	-			3,799,178	3,799,178	Medical Benefits
19	1650036 PRW for Med-D Benefits	0	-				-	
20	1650037 FAS158 Contra-PRW Exc Med-D	(3,799,178)	(3,799,178)				-	SFAS 158 Offsett
	Subtotal - Form 1, p 111.57.c	<u>2,161,727</u>	<u>(17,822,624)</u>	<u>0</u>	<u>1,212,539</u>	<u>18,771,812</u>	<u>19,984,351</u>	

Prepayments Account 165 - Balance @ 12/31/ 2019

Acc. No.	Description	2019 YE Balance	Excludable Balances	100% Transmission Related	Transmission Plant Related	Transmission Labor Related	Total Included in Ratebase (E)+(F)+(G)	Explanation
21								
22	1650001 Prepaid Insurance	655,111	-		655,111		655,111	Plant Related Insurance Policies
23	165000218 Prepaid Taxes	949,188	949,188				-	Prepaid Taxes - Distribution
24	165000219 Prepaid Taxes	246,372			246,372		246,372	Prepaid Taxes
25	1650009 Prepaid Carrying Costs - Factored AR	0	-				-	
26	1650010 Prepaid Pension Benefits	14,972,634	-			14,972,634	14,972,634	Prefunded Pension Expense
27	1650014 FAS 158 Qual Contra Asset	(14,972,634)	(14,972,634)				-	SFAS 158 Offsett
28	1650016 FAS 112 ASSETS	0	-				-	
29	1650021 Prepaid Insurance - EIS	311,055	-		311,055		311,055	EIS Insurance
30	1650035 PRW Without Med-D Benefits	3,799,178	-			3,799,178	3,799,178	Medical Benefits
31	1650036 PRW for Med-D Benefits	0	-				-	
32	1650037 FAS158 Contra-PRW Exc Med-D	(3,799,178)	(3,799,178)				-	SFAS 158 Offsett
	Subtotal - Form 1, p 111.57.d	<u>2,161,727</u>	<u>(17,822,624)</u>	<u>0</u>	<u>1,212,539</u>	<u>18,771,812</u>	<u>19,984,351</u>	

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

AEP East Companies
 Cost of Service Formula Rate Using Actual/Projected FF1 Balances
 Worksheet D Supporting IPP Credits
 WHEELING POWER 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)	0
2	Interest Accrual (Company Records - Note 1)	0
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 B ((ln 1 + ln 7)/2)	-

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

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

<u>Line Number</u>	<u>Description</u>	<u>Total Company</u>	<u>Non-Transmission</u>	<u>Transmission</u>
1	Account 450, Forfeited Discounts (FF1 p.300.16.(b); Company Records - Note 1)	256,000	256,000	-
2	Account 451, Miscellaneous Service Revenues (FF1 p.300.17.(b); Company Records - Note 1)	12,000	12,000	-
3	Account 454, Rent from Electric Property (FF1 p.300.19.(b); Company Records - Note 1)	3,217,000	2,573,579	643,421
4	Account 4560015, Associated Business Development - (Company Records - Notes 1, 2)	17,000	(1,051)	18,051
5	Account 456 - Other Electric Revenues - (Company Records - Notes 1,2)	3,572,000	893,030	2,678,970
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))	7,074,000	3,733,558	3,340,442
7	Accounts 4470004 & 5, Revenues from Grandfathered Transmission Contracts - (Company Records - Note 1)		-	
8	Total Other Operating Revenues To Reduce Revenue Requirement	7,074,000	3,733,558	3,340,442

Note 1 The total company data on this worksheet comes from the indicated FF1 source, or WHEELING POWER COMPANY's general ledger. The functional amounts identified as transmission revenue also come from the general ledger.

Note 2 The total of line 4 and line 5 will equal total Account 456 as listed on FF1 p.300.21-22.(b)

9	Facility Credits under PJM OATT Section 30.9			-
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AEP East Companies
 Cost of Service Formula Rate Using Actual/Projected FF1 Balances
 Worksheet F Supporting Allocation of Specific O&M or A&G Expenses
 WHEELING POWER COMPANY

<u>Line Number</u>	<u>(A) Item No.</u>	<u>(B) Description</u>	<u>(C) 2020 Expense</u>	<u>(D) 100% Non-Transmission</u>	<u>(E) 100% Transmission Specific</u>	<u>(F) Explanation</u>
Regulatory O&M Deferrals & Amortizations						
1						
2						
3						
4		Total	0			
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	303,000			
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	882,000			
10	FF1 p 321.89.b	561.5 - Reliability, Planning and Standards Development				
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	245,000			
14		Total of Account 561	1,430,000			
Account 928						
15	9280000	Regulatory Commission Exp	164	164	-	
16	9280001	Regulatory Commission Exp-Adm	(3)	(3)	-	
17	9280002	Regulatory Commission Exp-Case	40,378	40,378	-	
18	9280005	Reg Com Exp-FERC Trans Cases	916	-	916	
19						
20		Total (FERC Form 1 p.323.189.b)	41,454	40,538	916	
Account 930.1						
21	9301000	General Advertising Expenses	7	7	-	
22	9301001	Newspaper Advertising Space	3	3	-	
23	9301010	Publicity	23	23	-	
24	9301012	Public Opinion Surveys	739	739	-	
25	9301015	Other Corporate Comm Exp	508	508	-	
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37		Total (FERC Form 1 p.323.191.b)	1,280	1,280	-	
Account 930.2						
38	9302000	Misc General Expenses	103,179	103,179	-	
39	9302003	Corporate & Fiscal Expenses	2,261	2,261	-	
40	9302004	Research, Develop&Demonstr Exp	67	67	-	
41	9302006	Assoc Business Development Materials Sold	-	-	-	
42	9302007	Assoc Business Development Exp	19,885	14,422	5,463	
43		Total (FERC Form 1 p.323.192.b)	125,391	119,928	5,463	

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

West Virginia Corporate Income Tax	6.50%	
Apportionment Factor - Note 2	96.48%	
Effective State Tax Rate		6.27%
Illinois Corporation Income Tax	9.50%	
Apportionment Factor - Note 2	1.77%	
Effective State Tax Rate		0.17%
Michigan Business Income Tax	6.00%	
Apportionment Factor - Note 2	0.06%	
Effective State Tax Rate		0.00%
Kentucky Business Income Tax	0.00%	
Apportionment Factor - Note 2	0.00%	
Effective State Tax Rate		0.00%
Ohio Municipal Net Income Tax	0.00%	
Apportionment Factor - Note 2	0.00%	
Effective State Tax Rate		0.00%
Ohio Franchise Tax Rate	0.00%	
Phase-out Factor Note 1	0.00%	
Apportionment Factor - Note 2	0.00%	
Effective State Tax Rate		0.00%
Total Effective State Income Tax Rate		<u>6.44%</u>

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

AEP East Companies
Cost of Service Formula Rate Using Actual/Projected FF1 Balances
Worksheet H Supporting Taxes Other than Income
WHEELING POWER COMPANY

Line No.	(A) Account	(B) Total Company NOTE 1	(C) Property	(D) Labor	(E) Other	(F) Non-Allocable
1	Revenue Taxes					
2	Gross Receipts Tax	7,077,000				7,077,000
3	Real Estate and Personal Property Taxes					
4	Real and Personal Property - West Virginia	6,696,850	6,696,850			
5	Real and Personal Property - Other Jurisdictions	-	-			
6	Payroll Taxes					
7	Federal Insurance Contribution (FICA)	178,991		178,991		
8	Federal Unemployment Tax	-		-		
9	State Unemployment Insurance	-		-		
10	Production Taxes					
11	State Severance Taxes	-				-
12	Miscellaneous Taxes					
13	State Business & Occupation Tax	2,375,000				2,375,000
14	State Public Service Commission Fees	1,119,564			1,119,564	
15	State Franchise Taxes	-			-	
16	State Lic/Registration Fee	-			-	
17	Misc. State and Local Tax	-			-	
18	Sales & Use	-			-	
19	Federal Excise Tax	-			-	
20	Michigan Single Business Tax	-			-	
21						
22	Total Taxes by Allocable Basis	17,447,405	6,696,850	178,991	1,119,564	9,452,000

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

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

Functional Property Tax Allocation

	Production	Transmission	Distribution	General	Total
23 Functionalized Net Plant (TCOS, Lns 41 thru 46)	598,751,000	121,658,000	170,913,000	3,813,000	895,135,000
WEST VA JURISDICTION					
24 Percentage of Plant in WEST VA JURISDICTION	100.00%	100.00%	100.00%	100.00%	
25 Net Plant in WEST VA JURISDICTION (Ln 23 * Ln 24)	598,751,000	121,658,000	170,913,000	3,813,000	895,135,000
26 Less: Net Value of Exempted Generation Plant	467,475,272				
27 Taxable Property Basis (Ln 25 - Ln 26)	131,275,728	121,658,000	170,913,000	3,813,000	427,659,728
28 Relative Valuation Factor	100%	100%	100%	100%	
29 Weighted Net Plant (Ln 27 * Ln 28)	131,275,728	121,658,000	170,913,000	3,813,000	
30 General Plant Allocator (Ln 29 / (Total - General Plant))	30.97%	28.70%	40.32%	-100.00%	
31 Functionalized General Plant (Ln 30 * General Plant)	1,180,980	1,094,457	1,537,564	(3,813,000)	-
32 Weighted WEST VA JURISDICTION Plant (Ln 29 + 31)	132,456,708	122,752,457	172,450,564	-	427,659,728
33 Functional Percentage (Ln 32/Total Ln 32)	30.97%	28.70%	40.32%		

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

Line No.	(A) Annual Tax Expenses by Type (Note 1)	(B) Total Company	(C) FERC FORM 1 Tie-Back	(D) FERC FORM 1 Reference
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1	Revenue Taxes			
2	Gross Receipts Tax	7,077,000	9,000 7,068,000	

Line No.	(A) Real Estate and Personal Property Tax Detail Annual Tax Expenses by Type (Note 1)	(B) Tax Year	(C) Total Company	(D) FERC FORM 1 Tie-Back	(E) FERC FORM 1 Reference	(F) Tax Year Factor (Note 2)	(G) Transmission Function (Note 2)
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3	Real Estate and Personal Property Taxes Total (Ln 4 + Ln 5 + Ln 6 + Ln 7)		6,696,850				1,922,217
4	Real and Personal Property - West Virginia		6,696,850	6,696,850		28.70%	1,922,217
5	Real and Personal Property - Other		-	-		0.00%	-
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
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8	Payroll Taxes			
9	Federal Insurance Contribution (FICA)	178,991	178,991	
10	Federal Unemployment Tax	-	-	
11	State Unemployment Insurance	-	-	
12	Production Taxes			
13	State Severance Taxes	-	-	
14	Miscellaneous Taxes			
15	Muni B&O Tax	2,375,000	2,375,000	
16	State Public Service Commission Fees	1,119,564	1,119,564	
17	State Franchise Taxes	-	-	
18	State Lic/Registration Fee	-	-	
19	Misc. State and Local Tax	-	-	
20	Sales & Use	-	-	
21	Federal Excise Tax	-	-	
22	Michigan Single Business Tax	-	-	
23	Total Taxes by Allocable Basis (Total Company Amount Ties to FFI p.114, Ln 14,(c))	17,447,405	17,447,405	

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

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

AEP East Companies
Cost of Service Formula Rate Using 2020 FF1 Balances
Worksheet I RESERVED FOR FUTURE USE
WHEELING POWER COMPANY

AEP East Companies
Cost of Service Formula Rate Using 2020 FF1 Balances
Worksheet J Supporting Calculation of PROJECTED PJM RTEP Project Revenue Requirement Billed to Benefiting Zones
WHEELING POWER COMPANY

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

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

ROE w/o incentives (TCOS, ln 156)			10.35%
Project ROE Incentive Adder			
ROE with additional basis point incentive			10.35%
Determine R (cost of long term debt, cost of preferred stock and equity percentage is from the TCOS, lns 154 through156)			
	<u>%</u>	<u>Cost</u>	<u>Weighted cost</u>
Long Term Debt	46.31%	3.58%	1.659%
Preferred Stock	0.00%	0.00%	0.000%
Common Stock	53.69%	10.35%	5.557%
		R =	7.216%

SUMMARY OF PROJECTED ANNUAL RTEP REVENUE REQUIREMENTS			
	Rev Require	W Incentives	Incentive Amounts
PROJECTED YEAR	2020	117,847	117,847 \$ -

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

Rate Base (TCOS, ln 68)	92,500,255
R (from A. above)	7.216%
Return (Rate Base x R)	6,674,844

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

Return (from B. above)	6,674,844
Effective Tax Rate (TCOS, ln 114)	27.19%
Income Tax Calculation (Return x CIT)	1,814,558
ITC Adjustment	-
Excess Deferred Income Tax	(120,563)
Tax Affect of Permanent Differences	45,231
Income Taxes	1,739,226

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

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

Annual Revenue Requirement (TCOS, ln 1)	14,476,953
Lease Payments (TCOS, Ln 95)	-
Return (TCOS, ln 126)	6,674,844
Income Taxes (TCOS, ln 125)	1,739,226
Annual Revenue Requirement, Less Lease Payments, Return and Taxes	6,062,883

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

Annual Revenue Requirement, Less Lease Payments, Return and Taxes	6,062,883
Return (from I.B. above)	6,674,844
Income Taxes (from I.C. above)	1,739,226
Annual Revenue Requirement, with Basis Point ROE increase	14,476,953
Depreciation (TCOS, ln 100)	2,711,857
Annual Rev. Req. w/ Basis Point ROE increase, less Depreciation	11,765,096

C. Determine FCR with hypothetical basis point ROE increase.

Net Transmission Plant (TCOS, ln 42)	118,189,000
Annual Revenue Requirement, with Basis Point ROE increase	14,476,953
FCR with Basis Point increase in ROE	12.25%
Annual Rev. Req. w/ Basis Point ROE increase, less Dep.	11,765,096
FCR with Basis Point ROE increase, less Depreciation	9.95%
FCR less Depreciation (TCOS, ln 10)	9.95%
Incremental FCR with Basis Point ROE increase, less Depreciation	0.00%

III. Calculation of Composite Depreciation Rate

Average Transmission Plant Balance for 2020 (TCOS, ln 21)	148,337,000
Annual Depreciation and Amortization Expense (TCOS, ln 100)	2,711,857
Composite Depreciation Rate	1.83%
Depreciable Life for Composite Depreciation Rate	54.70
Round to nearest whole year	55

OPCo 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: b1864.2 (West Bellaire-Brues 138kV Circuit)

Current Projected Year ARR	117,847
Current Projected Year ARR w/ Incentive	117,847
Current Projected Year Incentive ARR	-

Details		2020
Investment	1,115,334	Current Year
Service Year (yyyy)	2013	ROE increase accepted by FERC (Basis Points)
Service Month (1-12)	10	FCR w/o incentives, less depreciation
Useful life	55	FCR w/incentives approved for these facilities, less dep.
CIAC (Yes or No)	No	Annual Depreciation Expense

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

Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##
2013	1,115,334	3,380	1,111,954	114,237	114,237	\$ -
2014	1,111,954	20,279	1,091,675	129,959	129,959	\$ -
2015	1,091,675	20,279	1,071,397	127,940	127,940	\$ -
2016	1,071,397	20,279	1,051,118	125,921	125,921	\$ -
2017	1,051,118	20,279	1,030,839	123,903	123,903	\$ -
2018	1,030,839	20,279	1,010,560	121,884	121,884	\$ -
2019	1,010,560	20,279	990,281	119,865	119,865	\$ -
2020	990,281	20,279	970,003	117,847	117,847	\$ -
2021	970,003	20,279	949,724	115,828	115,828	\$ -
2022	949,724	20,279	929,445	113,810	113,810	\$ -
2023	929,445	20,279	909,166	111,791	111,791	\$ -
2024	909,166	20,279	888,887	109,772	109,772	\$ -
2025	888,887	20,279	868,609	107,754	107,754	\$ -
2026	868,609	20,279	848,330	105,735	105,735	\$ -
2027	848,330	20,279	828,051	103,716	103,716	\$ -
2028	828,051	20,279	807,772	101,698	101,698	\$ -
2029	807,772	20,279	787,493	99,679	99,679	\$ -
2030	787,493	20,279	767,215	97,660	97,660	\$ -
2031	767,215	20,279	746,936	95,642	95,642	\$ -
2032	746,936	20,279	726,657	93,623	93,623	\$ -
2033	726,657	20,279	706,378	91,604	91,604	\$ -
2034	706,378	20,279	686,099	89,586	89,586	\$ -
2035	686,099	20,279	665,821	87,567	87,567	\$ -
2036	665,821	20,279	645,542	85,548	85,548	\$ -
2037	645,542	20,279	625,263	83,530	83,530	\$ -
2038	625,263	20,279	604,984	81,511	81,511	\$ -
2039	604,984	20,279	584,705	79,492	79,492	\$ -
2040	584,705	20,279	564,427	77,474	77,474	\$ -
2041	564,427	20,279	544,148	75,455	75,455	\$ -
2042	544,148	20,279	523,869	73,437	73,437	\$ -
2043	523,869	20,279	503,590	71,418	71,418	\$ -
2044	503,590	20,279	483,311	69,399	69,399	\$ -
2045	483,311	20,279	463,033	67,381	67,381	\$ -
2046	463,033	20,279	442,754	65,362	65,362	\$ -
2047	442,754	20,279	422,475	63,343	63,343	\$ -
2048	422,475	20,279	402,196	61,325	61,325	\$ -
2049	402,196	20,279	381,917	59,306	59,306	\$ -
2050	381,917	20,279	361,639	57,287	57,287	\$ -
2051	361,639	20,279	341,360	55,269	55,269	\$ -
2052	341,360	20,279	321,081	53,250	53,250	\$ -
2053	321,081	20,279	300,802	51,231	51,231	\$ -
2054	300,802	20,279	280,523	49,213	49,213	\$ -
2055	280,523	20,279	260,245	47,194	47,194	\$ -
2056	260,245	20,279	239,966	45,175	45,175	\$ -
2057	239,966	20,279	219,687	43,157	43,157	\$ -
2058	219,687	20,279	199,408	41,138	41,138	\$ -
2059	199,408	20,279	179,129	39,120	39,120	\$ -
2060	179,129	20,279	158,851	37,101	37,101	\$ -
2061	158,851	20,279	138,572	35,082	35,082	\$ -
2062	138,572	20,279	118,293	33,064	33,064	\$ -
2063	118,293	20,279	98,014	31,045	31,045	\$ -
2064	98,014	20,279	77,735	29,026	29,026	\$ -
2065	77,735	20,279	57,457	27,008	27,008	\$ -
2066	57,457	20,279	37,178	24,989	24,989	\$ -
2067	37,178	20,279	16,899	22,970	22,970	\$ -
2068	16,899	16,899	-	17,740	17,740	\$ -
2069	-	-	-	-	-	\$ -
2070	-	-	-	-	-	\$ -
2071	-	-	-	-	-	\$ -
2072	-	-	-	-	-	\$ -
Project Totals				4,261,061	4,261,061	-

RTEP Projected Rev. Req't. From Prior Year Template w/o Incentives	RTEP Projected Rev. Req't. From Prior Year Template with Incentives **
\$ 44,166	\$ 44,166
\$ 33,234	\$ 33,234
\$ 58,699	\$ 58,699
\$ 107,095	\$ 107,095
\$ 154,474	\$ 154,474
\$ 130,159	\$ 130,159
\$ 131,100	\$ 131,100

** 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.

AEP East Companies
Cost of Service Formula Rate Using 2020 FF1 Balances
Worksheet L Reserved for Future Use
WHEELING POWER COMPANY

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

Line No	Month (a)	Average Balance of Common Equity				Average Balance of Common Equity (f)=(b)-(c)-(d)-(e)
		Proprietary Capital (b)	Less: Preferred Stock (c)	Less Undistributed Sub Earnings (Acct 216.1) (d)	Less AOCI (Acct 219.1) (e)	
	(Note A)	(FF1 112.16)	(FF1 250-251)	(FF1 112.12)	(FF1 112.15)	
1	December Prior to Rate Year	407,871,000			(143,000)	408,014,000
2	January	411,099,000			(143,000)	411,242,000
3	February	401,602,000			(143,000)	401,745,000
4	March	407,143,000			(143,000)	407,286,000
5	April	411,240,000			(143,000)	411,383,000
6	May	402,778,000			(143,000)	402,921,000
7	June	406,556,000			(143,000)	406,699,000
8	July	410,574,000			(143,000)	410,717,000
9	August	401,957,000			(143,000)	402,100,000
10	September	405,235,000			(143,000)	405,378,000
11	October	408,377,000			(143,000)	408,520,000
12	November	399,145,000			(143,000)	399,288,000
13	December of Rate Year	400,150,000			(143,000)	400,293,000
14	Average of the 13 Monthly Balances	405,671,000	-	-	(143,000)	405,814,308

Line No	Month (a)	Average Balance of Long Term Debt					Gross Proceeds Outstanding Long-Term Debt (g)=(b)-(c)+(d)+(e)-(f)
		Acct 221 Bonds (b)	Less: Acct 222 Reacquired Bonds (c)	LT Advances from Assoc. Companies (d)	Acct 223 Acct 224 Senior Unsecured Notes (e)	Less: Fair Value Hedges (f)	
	(Note A)	(FF1 112.18)	(FF1 112.19)	(FF1 112.20)	(FF1 112.21)	FF1, page 257, Col. (h) - Note 1	
15	December Prior to Rate Year		-	-	350,000,000		350,000,000
16	January		-	-	350,000,000		350,000,000
17	February		-	-	350,000,000		350,000,000
18	March		-	-	350,000,000		350,000,000
19	April		-	-	350,000,000		350,000,000
20	May		-	-	350,000,000		350,000,000
21	June		-	-	350,000,000		350,000,000
22	July		-	-	350,000,000		350,000,000
23	August		-	-	350,000,000		350,000,000
24	September		-	-	350,000,000		350,000,000
25	October		-	-	350,000,000		350,000,000
26	November		-	-	350,000,000		350,000,000
27	December of Rate Year		-	-	350,000,000		350,000,000
28	Average of the 13 Monthly Balances	-	-	-	350,000,000	-	350,000,000

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

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

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
29	Annual Interest Expense for 2020						
30	Interest on Long Term Debt - Accts 221 - 224 (256-257.33.i)			12,361,000			
31	Less: Total Hedge Gain/Expense Accumulated from p 256-257, col. (i) of FERC Form 1 included in Ln 30 and shown in 50 below.			-			
32	Plus: Allowed Hedge Recovery From Ln 55 below.			-			
33	Amort of Debt Discount & Expense - Acct 428 (117.63.c)			177,000			
34	Amort of Loss on Reacquired Debt - Acct 428.1 (117.64.c)			-			
35	Less: Amort of Premium on Debt - Acct 429 (117.65.c)			-			
36	Less: Amort of Gain on Reacquired Debt - Acct 429.1 (117.66.c)			-			
37	Total Interest Expense (Ln 30 - 31 + 33 + 34 - 35 - 36)			12,538,000			
38	Average Cost of Debt for 2020 (Ln 37/ In 28 (g))			3.58%			

CALCULATION OF RECOVERABLE HEDGE GAINS/LOSSES

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

	HEDGE AMOUNTS BY ISSUANCE (FROM p. 256-257 (i) of the FERC Form 1)	Total Hedge (Gain)/Loss for 2020	Less Excludable Amounts (See NOTE on Line 39)	Net Includable Hedge Amount	Amortization Period		
					Remaining Unamortized Balance	Beginning	Ending
40	SUN Cash Flow Hedge - 6.000%	-	0	-			
41	SUN Cash Flow Hedge - 5.375%	-	0	-			
42							
43							
44							
45							
46							
47							
48							
49							
50	Total Hedge Amortization	-	-	-			
51	Hedge Gain or Loss Prior to Application of Recovery Limit (Sum of Lines 40 to 48)				-		
52	Total Average Capital Structure Balance for 2020 (TCOS, Ln 157)				755,814,000		
53	Financial Hedge Recovery Limit - Five Basis Points of Total Capital				0.0005		
54	Limit of Recoverable Amount				377,907		
55	Recoverable Hedge Amortization (Lesser of Ln 51 or Ln 54)				-		

Development of Cost of Preferred Stock

	Preferred Stock	Average
56	0% Series - 0 - Dividend Rate (p. 250-251)	0.000%
57	0% Series - 0 - Par Value (p. 250-251)	-
58	0% Series - 0 - Shares O/S (p.250-251)	-
59	0% Series - 0 - Monetary Value (Ln 57 * Ln 58)	-
60	0% Series - 0 - Dividend Amount (Ln 56 * Ln 59)	-
61	0% Series - 0 - Dividend Rate (p. 250-251)	0.000%
62	0% Series - 0 - Par Value (p. 250-251)	-
63	0% Series - 0 - Shares O/S (p.250-251)	-
64	0% Series - 0 - Monetary Value (Ln 62 * Ln 63)	-
65	0% Series - 0 - Dividend Amount (Ln 61 * Ln 64)	-
66	0% Series - 0 - Dividend Rate (p. 250-251)	0.000%
67	0% Series - 0 - Par Value (p. 250-251)	-
68	0% Series - 0 - Shares O/S (p.250-251)	-
69	0% Series - 0 - Monetary Value (Ln 67 * Ln 68)	-
70	0% Series - 0 - Dividend Amount (Ln 66 * Ln 69)	-
71	Balance of Preferred Stock (Lns 59, 64, 69)	-
72	Dividends on Preferred Stock (Lns 60, 65, 70)	-
73	Average Cost of Preferred Stock (Ln 72/71)	0.00%

- Year End Total Agrees to FF1 p.112, Ln 3, col (c) & (d)

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

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

Line	(A) Date	(B) Property Description	(C) Function (T) or (G) T = Transmission G = General	(D) Basis	(E) Proceeds	(F) (Gain) / Loss	(G) Functional Allocator	(H) Functionalized Proceeds (Gain) / Loss	(I) FERC Account
1						-	0.000%	-	
2						-	0.000%	-	
3						-	0.000%	-	
4					Net (Gain) or Loss for 2020	<u>-</u>		<u>-</u>	

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

1 Total AEP East Operating Company PBOP Settlement Amount (127,041,505)

Allocation of PBOP Settlement Amount for 2020

Line#	Company	Total Company Amount						
		Actual Expense (Including AEPSC Billed OPEB)	Ratio of Company Actual to Total	Allocation of PBOB Recovery Allowance	Labor Allocator for 2020	Actual Expense	Allowable Expense	One Year Functional Expense (Over)/Under
		(A) (Line 14)	(B)=(A)/Total (A)	(C)=(B) * -127041505	(D)	(E)=(A) * (D)	(F)=(C) * (D)	(G)=(E) - (F)
2	APCo	(21,243,233)	36.83%	(46,793,855)	9.272%	(1,969,696)	(4,338,779)	2,369,082
3	I&M	(14,970,273)	25.96%	(32,975,997)	4.367%	(653,716)	(1,439,983)	786,267
4	KPCo	(4,775,930)	8.28%	(10,520,253)	7.919%	(378,188)	(833,058)	454,871
5	KNGP	(455,895)	0.79%	(1,004,230)	12.123%	(55,270)	(121,748)	66,477
6	OPCo	(15,305,203)	26.54%	(33,713,769)	11.486%	(1,757,897)	(3,872,235)	2,114,338
7	WPCo	(923,113)	1.60%	(2,033,401)	2.686%	(24,793)	(54,613)	29,820
8	Sum of Lines 2 to 7	(57,673,647)		(127,041,505)		(4,839,561)	(10,660,416)	5,820,855

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

	APCo	I&M	KPCo	KNGSPT	OPCo	WPCo	AEP East Total
9 Direct Charged PBOP Expense per Actuarial Report	(16,451,990)	(12,482,067)	(3,951,629)	(344,539)	(11,517,600)	(427,831)	(45,175,656)
10 Additional PBOP Ledger Entries (from Company Records)	460,632	518,852	427,533			(385,001)	
11 Medicare Subsidy							-
12 Net Company Expense (Ln 9 + Ln 10 + Ln 11)	(15,991,358)	(11,963,215)	(3,524,096)	(344,539)	(11,517,600)	(812,832)	(44,153,640)
13 PBOP Expenses From AEP Service Corporation (from Company Records)	(5,251,875)	(3,007,058)	(1,251,834)	(111,356)	(3,787,603)	(110,281)	(13,520,007)
14 Company PBOP Expense (Ln 12 + Ln 13)	(21,243,233)	(14,970,273)	(4,775,930)	(455,895)	(15,305,203)	(923,113)	(57,673,647)

For the rate year 2017 and adjusted every four years thereafter, using the annual actuarial report produced for that year, filed as part of the informational filing, Worksheet O will be used to adjust PBOP costs for the next four years (i.e. 2017, 2018, 2019, 2020). If the annual actuarial report projects PBOP costs during the next four years, taken together with the then current cumulative PBOP cost/allowance position, will, absent a change in the PBOP allowance, cause the AEP Companies to over or under collect their cumulative PBOP costs by more than 20% of the projected next four year's total cost, the PBOP allowance shall be adjusted. Worksheet O will be used in the process of updating the PBOP allowance determining (a) the level of cumulative over or under collections during the period since the PBOP allowance was last set, including carrying costs based on the weighted average cost of capital ("WACC") each year from the actual formula rate; (b) the cumulative net present value of projected PBOP costs during the next four years, as estimated by the then current actuarial report, assuming a discount rate equal to the actual formula rate weighted average cost of capital for the prior calendar year; and (c) the cumulative net present value of continued collections over the next four years based on the then effective PBOP allowance, assuming a discount rate equal to the prior year WACC. If the absolute value of (a)+(b)-(c) exceeds 20% of (b), then the PBOP allowance used in the formula rate calculation shall be changed to the value that will cause the projected result (a)+(b)-(c) to equal zero. If the projected over or under collection during the next four years will be less than 20% of (b), then the PBOP allowacance will continue in effect for the next four years at the then effective rate. If it is determined through this procedure AEP Companies will over-recover or under-recover actual PBOP expenses by more than 20% over the subsequent four-year period, AEP shall make a filing under FPA Section 205 to change the PBOP expense stated in the formula rate shown on Worksheet O. No other changes to the formula rate may be included in that filing.

AEP EAST COMPANIES
Worksheet - P CALCULATION OF
TOTAL WEIGHTED AVERAGE DEPRECIATION RATES
FOR TRANSMISSION PLANT PROPERTY ACCOUNT
EFFECTIVE AS OF 3/6/2019
FOR MULTIPLE JURISDICTION COMPANIES
Appalachian Power Company

	VIRGINIA				WEST VIRGINIA			FERC WHOLESALE			FERC KINGSPORT			COMPANY
	(1) PLANT ACCT.	VA SCC RATES	ALLOCATION FACTOR (5)	WTD AVG. DEPREC. RATE	(2) PSC OF WV APPROVED RATES	ALLOCATION FACTOR (5)	WTD AVG. DEPREC. RATE	(3) FERC RATES	ALLOCATION FACTOR (5)	WTD AVG. DEPREC. RATE	(4) FERC RATES	ALLOCATION FACTOR (5)	WTD AVG. DEPREC. RATE	WTD AVG. DEPREC. RATE
TRANSMISSION PLANT														
Land Rights - Va.	350.1	0.66%	1.000000	0.66%										0.66%
Energy Storage Equip	351.0				14.22%	1.000000	14.22%							14.22%
Structures & Improvements	352.0	1.55%	0.492648	0.76%	1.62%	0.414603	0.67%	2.19%	0.033874	0.07%	2.19%	0.058874	0.13%	1.63%
Station Equipment	353.0	1.95%	0.492648	0.96%	2.37%	0.414603	0.98%	2.19%	0.033874	0.07%	2.19%	0.058874	0.13%	2.14%
Towers & Fixtures	354.0	1.14%	0.492648	0.56%	1.59%	0.414603	0.66%	2.19%	0.033874	0.07%	2.19%	0.058874	0.13%	1.42%
Poles & Fixtures	355.0	2.77%	0.492648	1.36%	2.71%	0.414603	1.12%	2.19%	0.033874	0.07%	2.19%	0.058874	0.13%	2.68%
Overhead Conductor	356.0	1.01%	0.492648	0.50%	1.53%	0.414603	0.63%	2.19%	0.033874	0.07%	2.19%	0.058874	0.13%	1.33%
Underground Conduit	351.0	1.23%	0.492648	0.61%	3.71%	0.414603	1.54%	2.19%	0.033874	0.07%	2.19%	0.058874	0.13%	2.35%
Underground Conductors	351.0	3.18%	0.492648	1.57%	5.24%	0.414603	2.17%	2.19%	0.033874	0.07%	2.19%	0.058874	0.13%	3.94%
GENERAL PLANT														
Structures & Improvements	390.0	1.50%	0.519557	0.78%	1.91%	0.425935	0.81%	3.43%	0.019780	0.07%	3.43%	0.034728	0.12%	1.78%
Office Furniture & Equipment	391.0	2.78%	0.519557	1.44%	3.17%	0.425935	1.35%	3.43%	0.019780	0.07%	3.43%	0.034728	0.12%	2.98%
Transportation Equipment	392.0	0.00%	0.519557	0.00%	3.40%	0.425935	1.45%	3.43%	0.019780	0.07%	3.43%	0.034728	0.12%	1.64%
Stores Equipment	393.0	1.60%	0.519557	0.83%	1.80%	0.425935	0.77%	3.43%	0.019780	0.07%	3.43%	0.034728	0.12%	1.79%
Tools Shop & Garage Equipment	394.0	2.07%	0.519557	1.08%	2.57%	0.425935	1.09%	3.43%	0.019780	0.07%	3.43%	0.034728	0.12%	2.36%
Laboratory Equipment	395.0	1.53%	0.519557	0.79%	4.01%	0.425935	1.71%	3.43%	0.019780	0.07%	3.43%	0.034728	0.12%	2.69%
Power Operated Equipment	396.0	0.00%	0.519557	0.00%	3.90%	0.425935	1.66%	3.43%	0.019780	0.07%	3.43%	0.034728	0.12%	1.85%
Communication Equipment	397.0	3.27%	0.519557	1.70%	4.98%	0.425935	2.12%	3.43%	0.019780	0.07%	3.43%	0.034728	0.12%	4.01%
Miscellaneous Equipment	398.0	2.51%	0.519557	1.30%	2.70%	0.425935	1.15%	3.43%	0.019780	0.07%	3.43%	0.034728	0.12%	2.64%

(1) As approved in VA Case No. PUE 2011-00037 on Nov. 30, 2011.
Depreciation rates were made effective on January 1, 2012.

(2) Approved by PSC of WV Order dated May 26, 2015 in
Case No. 14-1151-E-D effective June 1, 2015.

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

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

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

(6) Energy Storage Equipment is a new account established per FERC Order 784.

GENERAL NOTES:

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

AEP EAST COMPANIES
Worksheet - P CALCULATION OF
TOTAL WEIGHTED AVERAGE DEPRECIATION RATES
FOR TRANSMISSION PLANT PROPERTY ACCOUNT
EFFECTIVE AS OF October 31, 2018
FOR MULTIPLE JURISDICTION COMPANIES
INDIANA MICHIGAN POWER COMPANY

	INDIANA				MICHIGAN			FERC WHOLESAL			COMPANY
	(1)	WTD AVG.		(2)	WTD AVG.		(3)	WTD AVG.		WTD AVG.	
PLANT ACCT.	IURC RATES	ALLOCATION FACTOR (4)	DEPREC. RATE	MPSC APPROVED RATES	ALLOCATION FACTOR (4)	DEPREC. RATE	FERC RATES	ALLOCATION FACTOR (4)	DEPREC. RATE	DEPREC. RATE	
TRANSMISSION PLANT											
Land Improvements	350.1	1.4800%	0.652103	0.9651%	1.4400%	0.144206	0.2077%	1.4400%	0.203691	0.2933%	1.47%
Structures & Improvements	352.0	1.5500%	0.652103	1.0108%	1.5000%	0.144206	0.2163%	1.5000%	0.203691	0.3055%	1.53%
Station Equipment	353.0	1.8600%	0.652103	1.2129%	1.8400%	0.144206	0.2653%	1.8400%	0.203691	0.3748%	1.85%
Towers & Fixtures	354.0	1.6900%	0.652103	1.1021%	1.5700%	0.144206	0.2264%	1.5700%	0.203691	0.3198%	1.65%
Poles & Fixtures	355.0	2.8500%	0.652103	1.8585%	2.8300%	0.144206	0.4081%	2.8300%	0.203691	0.5764%	2.84%
Overhead Conductors	356.0	1.9700%	0.652103	1.2846%	1.8900%	0.144206	0.2725%	1.8900%	0.203691	0.3850%	1.94%
Underground Conduit	357.0	1.8600%	0.652103	1.2129%	1.7700%	0.144206	0.2552%	1.7700%	0.203691	0.3605%	1.83%
Underground Conductors	358.0	1.7000%	0.652103	1.1086%	1.6600%	0.144206	0.2394%	1.6600%	0.203691	0.3381%	1.69%
Trails & Roads	359.0	1.5000%	0.652103	0.9782%	1.4800%	0.144206	0.2134%	1.4800%	0.203691	0.3015%	1.49%

(1) As approved in Indiana Case No. 44967.

(2) As approved in MICHIGAN Case No. U18370.

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

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

GENERAL NOTES:

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

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

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

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

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

Reference:

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

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

General Note

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

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

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

Reference:

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

General Note

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

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

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

Reference:

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

General Note:

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

AEP EAST COMPANIES
PJM FORMULA RATE
WORKSHEET P - TRANSMISSION DEPRECIATION RATES
EFFECTIVE AS OF 3/6/2019
FOR SINGLE JURISDICTION COMPANIES
WHEELING POWER COMPANY

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

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

General Note:

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

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

Reconciliation Revenue Requirement For Year 2018 Available May 25, 2019 \$10,258,872	-	2018 Forecasted Revenue Requirement For Year 2018 \$8,761,755	=	True-up Adjustment - Over (Under) Recovery (\$1,497,117)
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Interest Rate on Amount of Refunds or Surcharges from 35.19a	Over (Under) Recovery Plus Interest	Average Monthly Interest Rate	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed
		0.4095%				

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	(124,760)	0.4095%	12	6,131	130,890
February	Year 2018	(124,760)	0.4095%	11	5,620	130,380
March	Year 2018	(124,760)	0.4095%	10	5,109	129,869
April	Year 2018	(124,760)	0.4095%	9	4,598	129,358
May	Year 2018	(124,760)	0.4095%	8	4,087	128,847
June	Year 2018	(124,760)	0.4095%	7	3,576	128,336
July	Year 2018	(124,760)	0.4095%	6	3,065	127,825
August	Year 2018	(124,760)	0.4095%	5	2,554	127,314
September	Year 2018	(124,760)	0.4095%	4	2,044	126,803
October	Year 2018	(124,760)	0.4095%	3	1,533	126,292
November	Year 2018	(124,760)	0.4095%	2	1,022	125,782
December	Year 2018	(124,760)	0.4095%	1	511	125,271
					39,850	1,536,967

January through December	Year 2019	1,536,967	0.4095%	12	Annual	75,527	1,612,493
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<u>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</u>				Monthly			
January	Year 2020	(1,612,493)	0.4095%		6,603	(137,978)	1,481,118
February	Year 2020	(1,481,118)	0.4095%		6,065	(137,978)	1,349,206
March	Year 2020	(1,349,206)	0.4095%		5,525	(137,978)	1,216,753
April	Year 2020	(1,216,753)	0.4095%		4,983	(137,978)	1,083,757
May	Year 2020	(1,083,757)	0.4095%		4,438	(137,978)	950,217
June	Year 2020	(950,217)	0.4095%		3,891	(137,978)	816,131
July	Year 2020	(816,131)	0.4095%		3,342	(137,978)	681,495
August	Year 2020	(681,495)	0.4095%		2,791	(137,978)	546,307
September	Year 2020	(546,307)	0.4095%		2,237	(137,978)	410,567
October	Year 2020	(410,567)	0.4095%		1,681	(137,978)	274,270
November	Year 2020	(274,270)	0.4095%		1,123	(137,978)	137,415
December	Year 2020	(137,415)	0.4095%		563	(137,978)	(0)
					43,242		

True-Up Adjustment with Interest				1,655,735
Less Over (Under) Recovery				(1,497,117)
Total Interest				158,618

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

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

Reconciliation Revenue Requirement For Year 2018 Available May 25, 2019 \$123,449	-	2018 Forecasted Revenue Requirement For Year 2018 \$130,159	=	True-up Adjustment - Over (Under) Recovery \$6,710
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Interest Rate on Amount of Refunds or Surcharges from 35.19a	Over (Under) Recovery Plus Interest	Average Monthly Interest Rate	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed
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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	559	0.4095%	12	(27)	(587)	
February	Year 2018	559	0.4095%	11	(25)	(584)	
March	Year 2018	559	0.4095%	10	(23)	(582)	
April	Year 2018	559	0.4095%	9	(21)	(580)	
May	Year 2018	559	0.4095%	8	(18)	(577)	
June	Year 2018	559	0.4095%	7	(16)	(575)	
July	Year 2018	559	0.4095%	6	(14)	(573)	
August	Year 2018	559	0.4095%	5	(11)	(571)	
September	Year 2018	559	0.4095%	4	(9)	(568)	
October	Year 2018	559	0.4095%	3	(7)	(566)	
November	Year 2018	559	0.4095%	2	(5)	(564)	
December	Year 2018	559	0.4095%	1	(2)	(561)	
					(179)	(6,889)	
				Annual			
January through December	Year 2019	(6,889)	0.4095%	12	(339)	(7,227)	
<u>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</u>				Monthly			
January	Year 2020	7,227	0.4095%		(30)	618	(6,638)
February	Year 2020	6,638	0.4095%		(27)	618	(6,047)
March	Year 2020	6,047	0.4095%		(25)	618	(5,453)
April	Year 2020	5,453	0.4095%		(22)	618	(4,857)
May	Year 2020	4,857	0.4095%		(20)	618	(4,259)
June	Year 2020	4,259	0.4095%		(17)	618	(3,658)
July	Year 2020	3,658	0.4095%		(15)	618	(3,054)
August	Year 2020	3,054	0.4095%		(13)	618	(2,449)
September	Year 2020	2,449	0.4095%		(10)	618	(1,840)
October	Year 2020	1,840	0.4095%		(8)	618	(1,229)
November	Year 2020	1,229	0.4095%		(5)	618	(616)
December	Year 2020	616	0.4095%		(3)	618	0
					(194)		
True-Up Adjustment with Interest						(7,421)	
Less Over (Under) Recovery						6,710	
Total Interest						(711)	

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

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

Reconciliation Revenue Requirement For Year 2018 Available May 25, 2019 <hr/> \$29,330	-	2018 Forecasted Revenue Requirement For Year 2018 <hr/> \$281,045	=	True-up Adjustment - Over (Under) Recovery <hr/> \$251,715
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Interest Rate on Amount of Refunds or Surcharges from 35.19a	Over (Under) Recovery Plus Interest	Average Monthly Interest Rate	Months	Calculated Interest	Amortization	Surcharge (Refund) Owed
		0.4095%				

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	20,976	0.4095%	12	(1,031)	(22,007)
February	Year 2018	20,976	0.4095%	11	(945)	(21,921)
March	Year 2018	20,976	0.4095%	10	(859)	(21,835)
April	Year 2018	20,976	0.4095%	9	(773)	(21,749)
May	Year 2018	20,976	0.4095%	8	(687)	(21,663)
June	Year 2018	20,976	0.4095%	7	(601)	(21,578)
July	Year 2018	20,976	0.4095%	6	(515)	(21,492)
August	Year 2018	20,976	0.4095%	5	(429)	(21,406)
September	Year 2018	20,976	0.4095%	4	(344)	(21,320)
October	Year 2018	20,976	0.4095%	3	(258)	(21,234)
November	Year 2018	20,976	0.4095%	2	(172)	(21,148)
December	Year 2018	20,976	0.4095%	1	(86)	(21,062)
					(6,700)	(258,415)

January through December	Year 2019	(258,415)	0.4095%	12	(12,699)	(271,114)
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<u>Over (Under) Recovery Plus Interest Amortized and Recovered Over 12 Months</u>			<u>Monthly</u>				
January	Year 2020	271,114	0.4095%		(1,110)	23,199	(249,025)
February	Year 2020	249,025	0.4095%		(1,020)	23,199	(226,846)
March	Year 2020	226,846	0.4095%		(929)	23,199	(204,576)
April	Year 2020	204,576	0.4095%		(838)	23,199	(182,216)
May	Year 2020	182,216	0.4095%		(746)	23,199	(159,763)
June	Year 2020	159,763	0.4095%		(654)	23,199	(137,219)
July	Year 2020	137,219	0.4095%		(562)	23,199	(114,582)
August	Year 2020	114,582	0.4095%		(469)	23,199	(91,852)
September	Year 2020	91,852	0.4095%		(376)	23,199	(69,030)
October	Year 2020	69,030	0.4095%		(283)	23,199	(46,114)
November	Year 2020	46,114	0.4095%		(189)	23,199	(23,104)
December	Year 2020	23,104	0.4095%		(95)	23,199	0
					(7,270)		

True-Up Adjustment with Interest				(278,384)
Less Over (Under) Recovery				251,715
Total Interest				(26,669)

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