### WHEELING POWER COMPANY

Line No.	DEVENUE DECUIDEMENT (w/o incentives)	(lp. 139)				Tr	ansmission Amount				
ı	REVENUE REQUIREMENT (w/o incentives)	(ln 138)	Total	Allo	cator		\$19,172,194				
2	REVENUE CREDITS	(Note A) (Worksheet E)	1,490,429	DA	1.00000	\$	1,490,429				
3	REVENUE REQUIREMENT For All Company Facilities	(In 1 less In 2)				\$	17,681,765				
MEMO: The Carrying Charge Calculations on lines 6 to 11 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 4 is included in the total on line 3.											
4	Revenue Requirement for PJM Schedule 12 Facilities (w	v/o incentives) (Worksheet J)	58,699	DA	1.00000	\$	58,699				
5 6 7	NET PLANT CARRYING CHARGE w/o intra-AEP charge Annual Rate Monthly Rate	es or credits or ROE incentives (Note B) ( (In 1 - In 105 - In 106)/((In 48 + In 49 + In 50 - (In 6 / 12)	+ ln 51 + ln 53) x 100) )				18.64% 1.55%				
8 9	NET PLANT CARRYING CHARGE ON LINE 6, w/o depi	reciation or ROE incentives (Note B) ((In 1 - In 105 - In 106 - In 111 - In 112) /((In 4	8 + ln 49 + ln 50 + ln 51 + ln 53) :	x 100) )			15.55%				
10 11	NET PLANT CARRYING CHARGE ON LINE 9, w/o Retu Annual Rate	rn, income taxes or ROE incentives (Note B) ((In 1 - In 105 - In 106 - In 111 - In 112 - In 133	3 - In 134) /((In 48 + In 49 + In 50	+ ln 51 + ln 53) x	x 100))		2.42%				
12	ADDITIONAL REVENUE REQUIREMENT for projects w/	incentive ROE's (Note B) (Worksheet J)					-				
13		REVENUE REQUIREMENT FOR SCHED	OULE 1A CHARGES								
14 15 16	Total Load Dispatch & Scheduling (Account 561) Less: Load Dispatch - Scheduling, System Control and I Less: Load Dispatch - Reliability, Planning & Standards						113,522 62 0				
17	Total 561 Internally Developed Costs	(Line 14 - Line 15 - Line 16)				<u>_</u>	113,460				

### WHEELING POWER COMPANY

(1) (2) (3) (4) (5)

	RATE BASE CALCULATION	Data Sources (See "General Notes")	TO Total	۸۱۱۵	cator	Total Transmission
Line		(See General Notes )	NOTE C	Allo	<u>cator</u>	<u>ITAIISIIIISSIOII</u>
No.	GROSS PLANT IN SERVICE		0	NIA	0.00000	0
18 19	Production Less: Production ARO (Enter Negative)	(Worksheet A In 1.C) (Worksheet A In 2.C)	0	NA NA	0.00000 0.00000	0
20	Transmission	(Worksheet A In 3.E & Ln 142)	117,263,595	DA	0.0000	117,263,595
21	Less: Transmission ARO (Enter Negative)	(Worksheet A In 4.E & Ln 143)	0	TP	1.00000	0
22 23	Plus: Transmission Plant-in-Service Additions (Works Plus: Additional Trans Plant on Transferred Assets (W		14,029,070	DA DA	1.00000 1.00000	14,029,070
24	Distribution	(Worksheet A In 5.C)	153,112,340	NA	0.00000	0
25	Less: Distribution ARO (Enter Negative)	(Worksheet A In 6.C)	0	NA	0.00000	0
26 27	General Plant ABO (Enter Negative)	(Worksheet A In 7.C)	5,284,101 34,810	W/S W/S	0.12660 0.12660	668,954
27 28	Less: General Plant ARO (Enter Negative) Intangible Plant	(Worksheet A In 8.C) (Worksheet A In 9.C)	-34,819 2,435,979	W/S	0.12660	(4,408) 308,389
29	TOTAL GROSS PLANT	(sum lns 18 to 28)	292,090,266			132,265,600
30	ACCUMULATED DEPRECIATION AND AMORTIZATION	N				
31	Production	(Worksheet A In 12.C)	0	NA	0.00000	0
32	Less: Production ARO (Enter Negative)	(Worksheet A In 13.C)	0	NA	0.00000	0
33	Transmission	(Worksheet A In 14.C & 28.C)	25,247,531	TP1=	1.00000	25,247,531
34 35	Less: Transmission ARO (Enter Negative)	(Worksheet A In 15.C)	0 204,851	<b>TP1=</b> DA	1.00000 1.00000	0 204,851
36	Plus: Transmission Plant-in-Service Additions (Works Plus: Additional Projected Deprec on Transferred Ass		204,631	DA DA	1.00000	204,651
37	Plus: Additional Transmission Depreciation for 2015		2,971,841	TP1	1.00000	2,971,841
38	Plus: Additional General & Intangible Depreciation for	2015 (ln 113 + ln 114)	724,332	W/S	0.12660	91,699
39	Plus: Additional Accum Deprec on Transferred Assets	•	0	DA	1.00000	0
40 41	Distribution Less: Distribution ARO (Enter Negative)	(Worksheet A In 16.C) (Worksheet A In 17.C)	41,087,683	NA NA	0.00000 0.00000	0
42	General Plant	(Worksheet A In 18.C)	2,639,297	W/S	0.12660	334,128
43	Less: General Plant ARO (Enter Negative)	(Worksheet A In 19.C)	-20,060	W/S	0.12660	(2,540)
44	Intangible Plant	(Worksheet A In 20.C)	1,254,725	W/S	0.12660	158,845
45	TOTAL ACCUMULATED DEPRECIATION	(sum lns 31 to 44)	74,110,200			29,006,356
46	NET PLANT IN SERVICE					
47	Production	(ln 18 + ln 19 - ln 31 - ln 32)	0			0
48 49	Transmission Plus: Transmission Plant-in-Service Additions (In 22 -	(ln 20 + ln 21 - ln 33 - ln 34)	92,016,064 13,824,219			92,016,064 13,824,219
49 50	Plus: Additional Trans Plant on Transferred Assets (I	· ·	13,824,219			13,624,219
51	Plus: Additional Transmission Depreciation for 2015	,	(2,971,841)			(2,971,841)
52	Plus: Additional General & Intangible Depreciation for		(724,332)			(91,699)
53	Plus: Additional Accum Deprec on Transferred Assets	, , , ,	0			0
54 55	Distribution General Plant	(ln 24 + ln 25 - ln 40 - ln 41) (ln 26 + ln 27 - ln 42 - ln 43)	112,024,657 2,630,045			332,957
56	Intangible Plant	(In 28 - In 44)	1,181,254			149,544
57	TOTAL NET PLANT IN SERVICE	(sum lns 47 to 56)	217,980,066			103,259,244
		0 <b>.</b> .				
58 50	DEFERRED TAX ADJUSTMENTS TO RATE BASE	(Note D)	0	NΙΔ		0
59 60	Account No. 281.1 (enter negative) Account No. 282.1 (enter negative)	(Worksheet B, In 2 & In 5.C) (Worksheet B, In 7 & In 10.C)	(41,426,980)	NA DA		(21,118,995)
61	Account No. 283.1 (enter negative)	(Worksheet B, In 12 & In 15.C)	(4,879,214)	DA		(439,106)
62	Account No. 190.1	(Worksheet B, In 17 & In 20.C)	2,891,810	DA		935,019
63	Account No. 255 (enter negative)	(Worksheet B, In 24 & In 25.C)	(3,159)	DA		(1,056)
64	TOTAL ADJUSTMENTS	(sum lns 59 to 63)	(43,417,543)			(20,624,138)
65	PLANT HELD FOR FUTURE USE	(Worksheet A In 29.C & In 30.C)	-	DA		0
66	REGULATORY ASSETS	(Worksheet A In 36. (C))	0	DA		0
67	WORKING CAPITAL	(Note E)	70.040			<b>-0.0</b> :0
68 69	Cash Working Capital Transmission Materials & Supplies	(1/8 * In 88) (Worksheet C, In 2.(D))	76,942 2,545	TP	1.00000	76,942 2,545
70	A&G Materials & Supplies	(Worksheet C, In 2.(D))	2,343 544	W/S	0.12660	2,545 69
71	Stores Expense	(Worksheet C, In 4.(D))	0	GP(h)	0.42522	0
72	Prepayments (Account 165) - Labor Allocated	(Worksheet C, In 6.G)	7,690,910	W/S	0.12660	973,650
73 74	Prepayments (Account 165) - Gross Plant	(Worksheet C, In 6.F) (Worksheet C, In 6.E)	140,627 0	GP(h) DA	0.42522 1.00000	59,797
74 75	Prepayments (Account 165) - Transmission Only Prepayments (Account 165) - Unallocable	(Worksheet C, In 6.E) (Worksheet C, In 6.D)	(7,328,077)	NA	0.00000	0
76	TOTAL WORKING CAPITAL	(sum lns 68 to 75)	583,491		3.33300	1,113,003
77	IPP CONTRIBUTIONS FOR CONSTRUCTION	(Note F) (Worksheet D, In 7.B)	<u>-</u>	DA	1.00000	<u>-</u>
		(. 1818 . ) (11 of the first of	<del></del>			20 = 12 112
78	RATE BASE (sum Ins 57, 64, 65, 66, 76, 77)		175,146,014			83,748,110

### WHEELING POWER COMPANY

(1) (2) (3) (4)

	EXPENSE, TAXES, RETURN & REVENUE REQUIREMENTS CALCULATION	Data Sources (See "General Notes")	<u>TO Total</u>	<u>Allo</u>	<u>cator</u>	Total <u>Transmission</u>
Line						
No.	OPERATION & MAINTENANCE EXPENSE					
79	Production	321.80.b	124,158,144			
80	Distribution	322.156.b	3,571,348			
81	Customer Related Expense	322.164,171,178.b	3,376,301			
82	Regional Marketing Expenses	322.131.b	720.060			
83	Transmission	321.112.b	729,060			
84 85	TOTAL O&M EXPENSES	(sum lns 79 to 83)	131,834,853			
85 86	Less: Total Account 561	(Note G) (Worksheet F, In 14.C)	113,522			
86 87	Less: Account 565	(Note H) 321.96.b	-			
	Less: State Regulatory Deferrals & Amortizations Total O&M Allocable to Transmission	(Note I) (Worksheet F, In 4.C)	- C4F F20	TD	4 00000	C4E E20
88	Total Oalvi Allocable to Transmission	(Ins 83 - 85 - 86 - 87)	615,538	TP	1.00000	615,538
89	Administrative and General	323.197.b (Note J)	2,666,638			
90	Less: Acct. 924, Property Insurance	323.185.b	210,312			
91	Acct. 924, 1 Toperty insurance  Acct. 9260039 PBOP Expense	PBOP Worksheet O Line 9 & 10, (Note K)	(357,814)			
92	Acct. 9260057 PBOP Medicare Subsidy	PBOP Worksheet O Line 11, (Note K)	(337,014)			
93	PBOP Expense Billed From AEPSC	PBOP Worksheet O Line 13, (Note K)	(30,474)			
94	Acct. 928, Reg. Com. Exp.	323.189.b	13,545			
95	Acct. 930.1, Gen. Advert. Exp.	323.191.b	2,343			
96	Acct. 930.2, Misc. Gen. Exp.	323.192.b	54,784			
97	Balance of A & G	(ln 89 - sum ln 90 to ln 96)	2,773,942	W/S	0.12660	351,174
98	Plus: Acct. 924, Property Insurance	(In 90)	210,312	GP(h)	0.42522	89,428
99	Acct. 928 - Transmission Specific	Worksheet F In 18.(E) (Note L)	-	TP	1.00000	-
100	Acct 930.1 - Only safety related ads -Direct	Worksheet F In 30.(E) (Note L)	-	TP	1.00000	-
101	Acct 930.2 - Misc Gen. Exp Trans	Worksheet F In 36.(E) (Note L)	1,469	DA	1.00000	1,469
102	Settlement Approved PBOP Recovery	PBOP Worksheet O, Col. C, Line 7, (Note M)		W/S	0.12660	38,888
103	A & G Subtotal	(sum lns 97 to 102)	3,292,901	***	0.12000	480,960
100	/ C Cubicial	(34111113 37 10 102)	0,232,301			400,300
104	O & M EXPENSE SUBTOTAL	(ln 88 + ln 103)	3,908,439			1,096,497
105	Plus: TEA Settlement in Account 565	Company Records (Note H)	3,900,439	DA	1.00000	1,030,437
106	Plus: Transmission Lease Payments To Affiliates in A		_	DA	1.00000	<u>-</u>
107	TOTAL O & M EXPENSE	(ln 104 + ln 105 + ln 106)	3,908,439	DA	1.00000	1,096,497
107	TOTALORIVILATENOL	(11 104 + 11 103 + 11 100)	3,900,439			1,030,431
108	DEPRECIATION AND AMORTIZATION EXPENSE					
109	Production	336.2-6.f	_	NA	0.00000	_
110	Distribution	336.8.f	5,016,617	NA	0.00000	-
111	Transmission	336.7.f	2,971,841	TP1	1.00000	2,971,841
112	Plus: Transmission Plant-in-Service Additions (Works		204,851	DA	1.00000	204,851
113	General	336.10.f	151,281	W/S	0.12660	19,152
114	Intangible	336.1.f	573,051	W/S	0.12660	72,547
115	TOTAL DEPRECIATION AND AMORTIZATION	(Lns 109+110+111	8,917,641			3,268,391
		+112+113+114)	3,5,5			3,233,33
116	TAXES OTHER THAN INCOME	(Note N)				
117	Labor Related	(				
118	Payroll	Worksheet H In 21.(D)	196,840	W/S	0.12660	24,919
119	Plant Related	` '				
120	Property	Worksheet H In 21.(C) & In 35.(C)	2,128,588	DA		959,927
121	Gross Receipts/Sales & Use	Worksheet H In 21.(F)	7,282,902	NA	0.00000	· -
122	Other	Worksheet H In 21.(E)	751,060	GP(h)	0.42522	319,364
123	TOTAL OTHER TAXES	(sum lns 118 to 122)	10,359,390	, ,		1,304,211
		,				
124	INCOME TAXES	(Note O)				
125	T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =		39.23%			
126	EIT=(T/(1-T)) * (1-(WCLTD/WACC)) =		57.79%			
127	where WCLTD=(In 162) and WACC = (In 165)					
128	and FIT, SIT & p are as given in Note O.					
129	GRCF=1 / (1 - T) = (from ln 125)		1.6454			
130	Amortized Investment Tax Credit (enter negative)	(FF1 p.114, ln 19.c)	-			
131	Income Tax Calculation	(In 127 * In 135)	10,342,106			4,945,199
132	ITC adjustment	(ln 129 * ln 130)	<u>-</u> _	NP(h)	0.44502	
133	TOTAL INCOME TAXES	(sum lns 131 to 132)	10,342,106			4,945,199
134	RETURN ON RATE BASE (Rate Base * WACC)	(ln 78 * ln 165)	17,897,496			8,557,897
135	INTEREST ON IPP CONTRIBUTION FOR CONST. (Not	e F) (Worksheet D, In 2.(B))	-	DA	1.00000	-
136	(Gains) / Losses on Sales of Plant Held for Future Use (\	Worksheet N. In 4. Cols ((F) & (H))	<u>-</u>			-
137	Tax Impact on (Gains) / Losses on Sales of Plant Held for	or Future Use (In 136 * In126)	-			-
138	TOTAL REVENUE REQUIREMENT	-	51,425,073			19,172,194
. 33	(sum lns 107, 115, 123, 133, 134, 135, 136, 137)	<del>-</del>	<u> </u>			. 5, 2, . 5 1
	(2					

### WHEELING POWER COMPANY

#### **SUPPORTING CALCULATIONS**

ln								
No.	TRANSMISSION PLANT INCLUDED IN PJM TARIFF							
139	Total transmission plant	(ln 20)						117,263,595
140	Less transmission plant excluded from PJM Tariff (Note	e P)						-
141	Less transmission plant included in OATT Ancillary Serv		C)) (Note Q)					-
142	Transmission plant included in PJM Tariff	(In 139 - In 140 - In 141)					_	117,263,595
143	Percent of transmission plant in PJM Tariff	(In 142 / In 139)					TP	1.00000
				Payroll Billed from				
144	WAGES & SALARY ALLOCATOR (W/S)	(Note R)	Direct Payroll	AEP Service Corp.	Total			
145	Production	354.20.b	0	0	-	NA	0.00000	-
146	Transmission	354.21.b	0	383,999	383,999	TP	1.00000	383,999
147	Regional Market Expenses	354.22.b	0	0	-	NA	0.00000	-
148	Distribution	354.23.b	1,542,207	406,997	1,949,204	NA	0.00000	-
149	Other (Excludes A&G)	354.24,25,26.b	353,274	346,750	700,024	NA	0.00000	
150	Total	(sum lns 145 to 149)	1,895,481	1,137,746	3,033,227			383,999
151	Transmission related amount						W/S=	0.12660
152	WEIGHTED AVERAGE COST OF CAPITAL (WACC)							\$
152	Long Term Interest	(Worksheet L, In. 35, col. (D))					_	 1,312,500
153	Preferred Dividends	(Worksheet L, In. 40, col. (D))						1,312,300
155	Development of Common Stock:	(WORKSHEET L, III. 40, COI. (D))						-
156	Proprietary Capital	(FF1 p 112, Ln 16.c)						98,472,987
157	Less: Preferred Stock	(FF1 p 112, Ln 3.c)						30,472,307
158	Less: Account 216.1	(FF1 p 112, Ln 12.c)						-
159	Less: Account 219	(FF1 p 112, Ln 15.c)						772,181
160	Common Stock	(ln 156 - ln 157 - ln 158 - ln 159	9)				_	97,700,806
100	Genmien Glock	( 100 107 100 100	<b>0</b> )				Cost	07,700,000
161			_	\$	%		(Note S)	Weighted
162	Long Term Debt (Note T) Worksheet L, In 35, col. (B))		•	25,000,000	20.37%		0.0525	0.0107
163	Preferred Stock (In 157)			-	0.00%		-	0.0000
164	Common Stock (In 160)			97,700,806	79.63%		11.49%	0.0915
165	Total (Sum Ins 162 to 164)		·	122,700,806			WACC=	0.1022

#### WHEELING POWER COMPANY

<u>Letter</u> <u>Notes</u>

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

- 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.

See Worksheet E for details.

- 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.
- Transmission Plant balances in this study are projected as of December 31, 2015. Other ratebase amounts are as of December 31, 2014.
- The total-company balances shown for Accounts 281, 282, 283, 190 only reflect ADIT that relates to utility operations. The balance of Account 255 is reduced by prior flow throughs and is completely excluded if the utility chose to utilize amortization of tax credits against FIT expense. An exception to this is pre-1971 ITC balances, which are required to be taken as an offset to rate base. Account 281 is not allocated. In compliance with FERC Rulemaking RM02-7-000, Asset Retirement Obligation deferrals have been removed from ratebase. Transmission ADIT allocations are shown on WS B. The company will not include the ADIT portion of deferred hedge gains and losses in rate base.
- Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission, as shown on line 88. It excludes:
  - 1) Load Scheduling & Dispatch Charges in account 561 that are collected in the OATT Ancilliary Services Revenue, as shown on line 85.
  - 2) AEP transmission equalization transfers, as shown on line 86
  - 3) The impact of state regulatory deferrals and amortizations, as shown on line 87
  - 4) All A&G Expenses, as shown on line 103.
- Consistent with Paragraph 657 of Order 2003-A, the amount on line 77 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 135.
- 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 15 & 16 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.
- Removes cost of transmission service provided by others to determine the basis of cash working capital on line 88. To the extent such service is incurred to provide the PJM service at issue, e.g. transmission equalization agreement, such costs are added back on lines 105 and 106 to determine the total O&M collected in the formula. The amounts on lines 105 and 106 are also excluded in the calculation of the FCR percentage calculated on lines 5 through 11.

The addbacks on lines 105 and 106 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 lines 105 and 106 is the WHEELING POWER COMPANY general ledger.

- Removes the impact of state regulatory deferrals or their amortization from O&M expense.
- 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.
- These deductions on lines 91 through 93 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.
- Expenses reported for these A&G accounts will be included in the cost of service only to the extent they are directly assignable to transmission service. Worksheet F allocates these expense items. Acct 928 Includes Regulatory Commission expenses itemized in FERC Form-1 at page 351, column H. FERC Assessment Fees and Annual Charges shall not be allocated to transmission. Only safety-related and educational advertising costs in Account 930.1 are included in the TCOS. Account 930.2 includes the expenses incurred by the transmission function for Associated Business Development revenues given as a credit to the TCOS on Worksheet E.
- 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 Corportation. The calculation of the recoverable amount for each company is shown on Worksheet O, and the process for updating the annual total is documented on Attachment F. Allowable PBOP Expense Formula.
- 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. Ν
- The currently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and p = 0 the percentage of federal income tax deductible for state income taxes. See Worksheet G for the development of the Company's composite SIT. A utility that elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f) (ln 130) multiplied by (1/1-T). If the applicable tax rates are zero enter 0.

Inputs Required: FIT = 35.00% SIT= 6.50% (State Income Tax Rate or Composite SIT. Worksheet G)) 0.00% (percent of federal income tax deductible for state purposes) 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.
- 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. Q
- Includes functional wages & salaries billed by AEP Service Corporation for support of the operating company. R
  - Long Term Debt cost rate = long-term interest (ln 153) / long term debt (ln 162). Preferred Stock cost rate = preferred dividends (ln 154) / preferred outstanding (ln 163). Common Stock cost rate (ROE) = 11.49%, the rate accepted by FERC in Docket No. ER08-1329. It includes an additional 50 basis points for PJM RTO membership. In the Projected & Historic templates, the interest expense on long-term debt is the sum of a full year's interest expense at the coupon rate for each issuance outstanding as of December 31 of the historic year. The projected expense for variable rate debt will be based on the effective rate at December 31. These conventions ensure that the expense used in the projection will reflect a full year, similar to the actual expense that will appear in the subsequent true-up of the projection, and minimize the impact on the true-up of using a partial year interest expense. The projection will reflect the actual historic-year expense recorded for
- issuance expenses, discounts and premiums, and gains or losses on reacquired debt. Eligible hedging gains or losses will be limited to five basis points of the projected capital structure. Details and calculations are shown on Worksheet L. This note only applies to Indiana Michigan Power Company.
- This note only applies to the true-up template.

### WHEELING POWER COMPANY

Line No. 166 167 168	REVENUE REQUIREMENT (w/o incentives) REVENUE CREDITS REVENUE REQUIREMENT For All Company Facilities	(In 303) (Note A) (Worksheet E) (In 166 less In 167)	Total 1,490,429	DA	Allocator 1.00000	\$ \$	ransmission Amount \$17,232,349 1,490,429 15,741,919
	The Carrying Charge Calculations on lines 171 to 176 b ission Enhancement Charges. The total non-incentive r	<u> </u>	<u> </u>	-			
169	Not applicable on this template						
170 171 172	NET PLANT CARRYING CHARGE w/o intra-AEP charge: Annual Rate Monthly Rate	s or credits or ROE incentives (Note B) ( (In 166 - In 270 - In 271)/ In 213 x 100) (In 171 / 12)					18.73% 1.56%
173 174	NET PLANT CARRYING CHARGE ON LINE 171, w/o de Annual Rate	epreciation or ROE incentives (Note B) ( (In 166 - In 270 - In 271 - In 276) / In 213 x 100)					15.50%
175 176	NET PLANT CARRYING CHARGE ON LINE 174, w/o Re Annual Rate	turn, income taxes or ROE incentives (Note B) ((In 166 - In 270 - In 271 - In 276 - In 298 - In 299)	/ In 213 x 100)				2.71%
177	Not applicable on this template						
178		REVENUE REQUIREMENT FOR SCI	HEDULE 1A CHARGES				
179 180 181	Total Load Dispatch & Scheduling (Account 561) Less: Load Dispatch - Scheduling, System Control and Dispatch - Reliability, Planning & Standards Dispatch - Reliability, Planning - Reliability,						113,522 62 0
182	Total 561 Internally Developed Costs	(Line 179 - Line 180 - Line 181)					113,460

### WHEELING POWER COMPANY

(1) (2) (3)

		Data Sources				Total
Line	RATE BASE CALCULATION	(See "General Notes")	<u>TO Total</u> NOTE C	Alloc	ator_	<u>Transmission</u>
No.	GROSS PLANT IN SERVICE	(Markahaat Alb 1 C)	<u></u>	NIA	0.00000	
183 184	Production Less: Production ARO (Enter Negative)	(Worksheet A In 1.C) (Worksheet A In 2.C)	<u>-</u>	NA NA	0.00000 0.00000	-
185	Transmission	(Worksheet A In 3.E & Ln 307)	117,263,595	DA	0.00000	117,263,595
186	Less: Transmission ARO (Enter Negative)	(Worksheet A In 4.E & Ln 308)	, , <u>-</u>	TP	1.00000	-
187	Plus: Transmission Plant-in-Service Additions (Work	,	N/A	NA	0.00000	N/A
188	Plus: Additional Trans Plant on Transferred Assets	,	N/A	NA	0.00000	N/A
189	Distribution	(Worksheet A In 5.C)	153,112,340	NA	0.00000	-
190 101	Less: Distribution ARO (Enter Negative)	(Worksheet A In 6.C)	- 5 294 101	NA W/S	0.00000 0.12660	- 669.054
191 192	General Plant Less: General Plant ARO (Enter Negative)	(Worksheet A In 7.C) (Worksheet A In 8.C)	5,284,101 (34,819)	W/S	0.12660	668,954 (4,408)
193	Intangible Plant	(Worksheet A In 9.C)	2,435,979	W/S	0.12660	308,389
194	TOTAL GROSS PLANT	(sum Ins 183 to 193)	278,061,196	GP(h)=	0.425218	118,236,530
195	ACCUMULATED DEPRECIATION AND AMORTIZATION	)N		GTD=	0.43371	
196	Production	(Worksheet A In 12.C)	-	NA	0.00000	-
197	Less: Production ARO (Enter Negative)	(Worksheet A In 13.C)	-	NA	0.00000	-
198	Transmission	(Worksheet A In 14.C & 28.C)	25,247,531	TP1=	1.00000	25,247,531
199	Less: Transmission ARO (Enter Negative)	(Worksheet A In 15.C)	<u> </u>	TP1=	1.00000	
200	Plus: Transmission Plant-in-Service Additions (Work		N/A	DA	1.00000	N/A
201	Plus: Additional Projected Deprec on Transferred As	· · · · · · · · · · · · · · · · · · ·	N/A	DA	1.00000	N/A
202	Plus: Additional Transmission Depreciation for 2015		N/A	TP1	1.00000	N/A
203 204	Plus: Additional General & Intangible Depreciation for Plus: Additional Accum Deprec on Transferred Asset		N/A N/A	W/S DA	0.12660 1.00000	N/A N/A
204	Distribution	(Worksheet A In 16.C)	41,087,683	NA	0.00000	IN/A
206	Less: Distribution ARO (Enter Negative)	(Worksheet A In 17.C)	-	NA	0.00000	_
207	General Plant	(Worksheet A In 18.C)	2,639,297	W/S	0.12660	334,128
208	Less: General Plant ARO (Enter Negative)	(Worksheet A In 19.C)	(20,060)	W/S	0.12660	(2,540)
209	Intangible Plant	(Worksheet A In 20.C)	1,254,725	W/S	0.12660	158,845
210	TOTAL ACCUMULATED DEPRECIATION	(sum Ins 196 to 209)	70,209,176			25,737,965
211	NET PLANT IN SERVICE					
212	Production	(ln 183 + ln 184 - ln 196 - ln 197)	-			-
213 214	Transmission Plus: Transmission Plant-in-Service Additions (In 18	(ln 185 + ln 186 - ln 198 - ln 199)	92,016,064 <b>N/A</b>			92,016,064 <b>N/A</b>
214	Plus: Additional Trans Plant on Transferred Assets	,	N/A			N/A
216	Plus: Additional Transmission Depreciation for 2015	,	N/A			N/A
217	Plus: Additional General & Intangible Depreciation for		N/A			N/A
218	Plus: Additional Accum Deprec on Transferred Asse	· · ·	N/A			N/A
219	Distribution	(In 189 + In 190 - In 205 - In 206)	112,024,657			-
220	General Plant	(ln 191 + ln 192 - ln 207 - ln 208)	2,630,045			332,957
221	Intangible Plant	(ln 193 - ln 209)	1,181,254	ND(I)	0.445004	149,544
222	TOTAL NET PLANT IN SERVICE	(sum Ins 212 to 221)	207,852,020	NP(h)=	0.445021	92,498,565
223	DEFERRED TAX ADJUSTMENTS TO RATE BASE	(Note D)				
223 224	Account No. 281.1 (enter negative)	(Worksheet B, In 2 & In 5.C)	_	NA		_
225	Account No. 282.1 (enter negative)	(Worksheet B, In 7 & In 10.C)	(41,426,980)	DA		(21,118,995)
226	Account No. 283.1 (enter negative)	(Worksheet B, In 12 & In 15.C)	(4,879,214)	DA		(439,106)
227	Account No. 190.1	(Worksheet B, In 17 & In 20.C)	2,891,810	DA		935,019
228	Account No. 255 (enter negative)	(Worksheet B, In 24 & In 25.C)	(3,159)	DA		(1,056)
229	TOTAL ADJUSTMENTS	(sum lns 224 to 228)	(43,417,543)			(20,624,138)
230	PLANT HELD FOR FUTURE USE	(Worksheet A In 29.C & In 30.C)	-	DA		-
231	REGULATORY ASSETS	(Worksheet A In 36. (C))	-	DA		-
232	WORKING CAPITAL	(Note E)				
233	Cash Working Capital	(1/8 * In 253)	76,942		4 00000	76,942
234	Transmission Materials & Supplies	(Worksheet C, In 2.(D))	2,545	TP	1.00000	2,545
235 236	A&G Materials & Supplies Stores Expense	(Worksheet C, In 3.(D)) (Worksheet C, In 4.(D))	544	W/S GP(h)	0.12660 0.42522	69
236 237	Prepayments (Account 165) - Labor Allocated	(Worksheet D, In 6.G)	7,690,910	W/S	0.42522	973,650
238	Prepayments (Account 165) - Cross Plant	(Worksheet D, In 6.F)	140,627	GP(h)	0.42522	59,797
239	Prepayments (Account 165) - Transmission Only	(Worksheet D, In 6.E)	-	DA	1.00000	-
240	Prepayments (Account 165) - Unallocable	(Worksheet D, In 6.D)	(7,328,077)	NA	0.00000	
241	TOTAL WORKING CAPITAL	(sum Ins 233 to 240)	583,491			1,113,003
242	IPP CONTRIBUTIONS FOR CONSTRUCTION	(Note F) (Worksheet D, In 7.B)	-	DA	1.00000	-
243	RATE BASE (sum Ins 222, 229, 230, 231, 241, 242)		165,017,968			72,987,430
270	10 (11 D/10 (30111 1113 ZZZ, ZZ3, Z30, Z31, Z41, Z4Z)		100,017,300			12,501,400

### WHEELING POWER COMPANY

(1) (2) (3) (4)

Lino	EXPENSE, TAXES, RETURN & REVENUE REQUIREMENTS CALCULATION	Data Sources (See "General Notes")	TO Total	Alloc	ator	Total <u>Transmission</u>
Line No. 244 245 246	OPERATION & MAINTENANCE EXPENSE Production Distribution Customer Related Expense	321.80.b 322.156.b 322 & 323.164,171,178.b	124,158,144 3,571,348 3,376,301			
247 248	Regional Marketing Expenses Transmission	322.131.b 321.112.b	729,060			
249 250 251	TOTAL O&M EXPENSES  Less: Total Account 561  Less: Account 565	(sum Ins 244 to 248) (Note G) (Worksheet F, In 14.C) (Note H) 321.96.b	131,834,853 113,522 -			
252 253	Less: Regulatory Deferrals & Amortizations Total O&M Allocable to Transmission	(Note I) (Worksheet F, In 4.C) (Ins 248 - 250 - 251 - 252)	615,538	TP	1.00000	615,538
254 255 256	Administrative and General Less: Acct. 924, Property Insurance Acct. 9260039 PBOP Expense	323.197.b (Note J) 323.185.b PBOP Worksheet O Line 9 & 10, (Note K)	2,666,638 210,312 (357,814)			
257 258 259	Acct. 9260057 PBOP Medicare Subsidy PBOP Expense Billed From AEPSC Acct. 928, Reg. Com. Exp.	PBOP Worksheet O Line 11, (Note K) PBOP Worksheet O Line 13, (Note K) 323.189.b	(30,474) 13,545			
260 261 262 263	Acct. 930.1, Gen. Advert. Exp. Acct. 930.2, Misc. Gen. Exp. Balance of A & G Plus: Acct. 924, Property Insurance	323.191.b 323.192.b (In 254 - sum In 255 to In 261) (In 255)	2,343 54,784 2,773,942 210,312	W/S	0.12660 0.42522	351,174 89,428
264 265	Acct. 928 - Transmission Specific Acct 930.1 - Only safety related ads -Direct	Worksheet F In 18.(E) (Note L) Worksheet F In 30.(E) (Note L)	- -	GP(h) TP TP	1.00000 1.00000	- -
266 267 268	Acct 930.2 - Misc Gen. Exp Trans Settlement Approved PBOP Recovery A & G Subtotal	Worksheet F In 36.(E) (Note L) PBOP Worksheet O, Col. C, Line 7, (Note M) (sum Ins 262 to 267)	1,469 307,178 3,292,901	DA W/S	1.00000 0.12660	1,469 38,888 480,960
269 270 271	O & M EXPENSE SUBTOTAL  Plus: TEA Settlement in Account 565  Plus: Transmission Lease Payments To Affiliates in Ac	(In 253 + In 268) Company Records (Note H) cct 565 (Company Records) (Note H)	3,908,439	DA DA	1.00000 1.00000	1,096,497 - -
272	TOTAL O & M EXPENSE	(ln 269 + ln 270 + ln 271)	3,908,439			1,096,497
273 274 275 276	DEPRECIATION AND AMORTIZATION EXPENSE Production Distribution Transmission	336.2-6.f 336.8.f 336.7.f	5,016,617 2,971,841	NA NA TP1	0.00000 0.00000 1.00000	- - 2,971,841
277 278 279	Plus: Transmission Plant-in-Service Additions (Worksh General Intangible	neet I) 336.10.f 336.1.f	<b>N/A</b> 151,281 573,051	W/S W/S	0.12660 0.12660	<b>N/A</b> 19,152 72,547
280 281	TOTAL DEPRECIATION AND AMORTIZATION  TAXES OTHER THAN INCOME	(Ln 274+275+ 276+277+278+279) (Note N)	8,712,790			3,063,540
282 283 284	Labor Related Payroll Plant Related	Worksheet H In 21.(D)	196,840	W/S	0.12660	24,919
285 286 287 288	Property Gross Receipts/Sales & Use Other TOTAL OTHER TAXES	Worksheet H In 21.(C) & In 35.(C) Worksheet H In 21.(F) Worksheet H In 21.(E) (sum Ins 283 to 287)	2,128,588 7,282,902 751,060 10,359,390	DA NA GP(h)	0.00000 0.42522	959,927 - 319,364 1,304,211
289 290	INCOME TAXES T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =	(Note O)	39.23%			1,504,211
291 292 293 294	EIT=(T/(1-T)) * (1-(WCLTD/WACC)) = where WCLTD=(In 327) and WACC = (In 330) and FIT, SIT & p are as given in Note O. GRCF=1 / (1 - T) = (from In 290)		57.79% 1.6454			
295	Amortized Investment Tax Credit (enter negative)	(FF1 p.114, ln 19.c)	-			
296 297 298	Income Tax Calculation ITC adjustment TOTAL INCOME TAXES	(In 291 * In 299) (In 294 * In 295) (sum Ins 296 to 297)	9,744,061 - 9,744,061	NP(h)	0.44502	4,309,797 - 4,309,797
299	RETURN ON RATE BASE (Rate Base*WACC)	(In 243 * In 330)	16,862,550			7,458,304
300	INTEREST ON IPP CONTRIBUTION FOR CONST. (Note	F) (Worksheet D, In 2.(B))	-	DA	1.00000	-
301	(Gains) / Losses on Sales of Plant Held for Future Use (W		-			-
302	Tax Impact on Net Loss / (Gain) on Sales of Plant Held for	or Future Use (In 301 * In291)	-			-
303	TOTAL REVENUE REQUIREMENT (sum lns 272, 280, 288, 298, 299, 300, 301, 302)		49,587,230			17,232,349

### WHEELING POWER COMPANY

### SUPPORTING CALCULATIONS

ln No								
No.	TRANSMISSION PLANT INCLUDED IN PJM TARIFF	(ln 105)						117 262 505
304 305	Total transmission plant	(ln 185)						117,263,595
306	Less transmission plant excluded from PJM Tariff (Note Less transmission plant included in OATT Ancillary Service)		(C)) (Noto O)					-
307	Transmission plant included in PJM Tariff	(ln 304 - ln 305 - ln 306)	. (C)) (Note Q)				<del>-</del>	117,263,595
307	Transmission plant included in FJW Tallii	(111 304 - 111 305 - 111 300)						117,203,393
308	Percent of transmission plant in PJM Tariff	(In 307 / In 304)					TP=	1.00000
				Payroll Billed from				
309	WAGES & SALARY ALLOCATOR (W/S)	(Note R)	Direct Payroll	AEP Service Corp.	Total			
310	Production	354.20.b	0	0	-	NA	0.0000	_
311	Transmission	354.21.b	0	383,999	383,999	TP	1.00000	383,999
312	Regional Market Expenses	354.22.b	0	0	-	NA	0.0000	, -
313	Distribution	354.23.b	1,542,207	406,997	1,949,204	NA	0.00000	-
314	Other (Excludes A&G)	354.24,25,26.b	353,274	346,750	700,024	NA	0.0000	-
315	Total	(sum Ins 310 to 314)	1,895,481	1,137,746	3,033,227		<u> </u>	383,999
316	Transmission related amount						W/S=	0.12660
317	WEIGHTED AVERAGE COST OF CAPITAL (WACC)							\$
318	Long Term Interest	(Worksheet L, In. 35, col. (D	1)				_	1,312,500
319	Preferred Dividends	(Worksheet L, In. 40, col. (D	• •					1,312,300
320	Development of Common Stock:	(VVOINSHEET E, III. 40, COI. (D	//					
321	Proprietary Capital	(FF1 p 112, Ln 16.c)						98,472,987
322	Less: Preferred Stock	(FF1 p 112, Ln 3.c)						-
323	Less: Account 216.1	(FF1 p 112, Ln 12 .c)						_
324	Less: Account 219	(FF1 p 112, Ln 15.c)						772,181
325	Common Stock	(ln 321 - ln 322 - ln 323 - ln 3	324)				_	97,700,806
0_0		( 0_1 0_2 0_0	·- ·/				Cost	01,100,000
326				\$	%		(Note S)	Weighted
327	Long Term Debt (Note T) Worksheet L, In 35, col. (B))			25,000,000	20.37%	1	0.0525	0.0107
328	Preferred Stock (In 322)			-	0.00%		-	0.0000
329	Common Stock (In 325)			97,700,806	79.63%		11.49%	0.0915
330	Total (Sum Ins 327 to 329)			122,700,806			WACC=	0.1022
	,			•				

#### WHEELING POWER COMPANY

<u>Letter</u> <u>Notes</u>

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

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.

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.
- C Transmission Plant balances in this study are historic as of December 31, 2014.
- The total-company balances shown for Accounts 281, 282, 283, 190 only reflect ADIT that relates to utility operations. The balance of Account 255 is reduced by prior flow throughs and is completely excluded if the utility chose to utilize amortization of tax credits against FIT expense. An exception to this is pre-1971 ITC balances, which are required to be taken as an offset to rate base. Account 281 is not allocated. In compliance with FERC Rulemaking RM02-7-000, Asset Retirement Obligation deferrals have been removed from ratebase. Transmission ADIT allocations are shown on WS B.

  The company will not include the ADIT portion of deferred hedge gains and losses in rate base.
- Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission, as shown on line 253. It excludes:
  - 1) Load Scheduling & Dispatch Charges in account 561 that are collected in the OATT Ancilliary Services Revenue, as shown on line 250.
  - 2) AEP transmission equalization transfers, as shown on line 251
  - 3) The impact of state regulatory deferrals and amortizations, as shown on line 252
  - 4) All A&G Expenses, as shown on line 268.
- F Consistent with Paragraph 657 of Order 2003-A, the amount on line 242 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 300.
- 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 180 & 181 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.
- Removes cost of transmission service provided by others to determine the basis of cash working capital on line 253. To the extent such service is incurred to provide the PJM service at issue, e.g. transmission equalization agreement, such costs are added back on lines 270 and 271 to determine the total O&M collected in the formula. The amounts on lines 270 and 271 are also excluded in the calculation of the FCR percentage calculated on lines 170 through 176.

  The addbacks on lines 270 and 271 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 lines 270 and 271 is the WHEELING POWER COMPANY general ledger.

- I Removes the impact of state regulatory deferrals or their amortization from 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 256 through 258 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.
- Expenses reported for these A&G accounts will be included in the cost of service only to the extent they are directly assignable to transmission service. Worksheet F allocates these expense items. Acct 928 Includes Regulatory Commission expenses itemized in FERC Form-1 at page 351, column H. FERC Assessment Fees and Annual Charges shall not be allocated to transmission. Only safety-related and educational advertising costs in Account 930.1 are included in the TCOS. Account 930.2 includes the expenses incurred by the transmission function for Associated Business Development revenues given as a credit to the TCOS on Worksheet E.
- M See note K above. 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 Corportation. The calculation of the recoverable amount for each company is shown on Worksheet O, and the process for updating the annual total is documented on Attachment F. Allowable PBOP Expense Formula.
- 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.
- 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 295) multiplied by (1/1-T). If the applicable tax rates are zero enter 0.

Inputs Required: FIT = 35.00%SIT= 6.50% (State Income Tax Rate or Composite SIT. Worksheet G))
p = 0.00% (percent of federal income tax deductible for state purposes)

- P Removes plant excluded from the OATT because it does not meet the PJM's definition of Transmission Facilities or is otherwise ineligible to be recovered under the OATT.
- Q Removes transmission plant (e.g. step-up transformers) included in the development of OATT ancillary service rates and not already removed for reasons indicated in Note P.
- R Includes functional wages & salaries billed by AEP Service Corporation for support of the operating company.
- S Long Term Debt cost rate = long-term interest (ln 318) / long term debt (ln 327). Preferred Stock cost rate = preferred dividends (ln 319) / preferred outstanding (ln 328). Common Stock cost rate (ROE) = 11.49%, the rate accepted by FERC in Docket No. ER08-1329. It includes an additional 50 basis points for remaining a member of the PJM RTO.

In the Projected & Historic templates, the interest expense on long-term debt is the sum of a full year's interest expense at the coupon rate for each issuance outstanding as of December 31 of the historic year. The projected expense for variable rate debt will be based on the effective rate at December 31. These conventions ensure that the expense used in the projection will reflect a full year, similar to the actual expense that will appear in the subsequent true-up of the projection, and minimize the impact on the true-up of using a partial year interest expense. The projection will reflect the actual historic-year expense recorded for issuance expenses, discounts and premiums, and gains or losses on reacquired debt. Eligible hedging gains or losses will be limited to five basis points of the projected capital structure. Details and calculations are shown on Worksheet L.

- T This note only applies to Indiana Michigan Power Company.
- U This note only applies to the true-up template.

### WHEELING POWER COMPANY

Line No.						Tr	ansmission Amount
1	REVENUE REQUIREMENT (w/o incentives)	(In 138)	Total	All	ocator		\$17,315,430
2	REVENUE CREDITS	(Note A) (Worksheet E)	1,490,429	DA	1.00000	\$	1,490,429
3	REVENUE REQUIREMENT For All Company Facilities	(In 1 less In 2)				\$	15,825,000
	The Carrying Charge Calculations on lines 6 to 11 belonsmission Enhancement Charges. The total non-incent 3.	<b>U</b> . ,	_				
4	Revenue Requirement for PJM Schedule 12 Facilities (w	//o incentives) (Worksheet K)	51,761	DA	1.00000	\$	51,761
5 6 7	NET PLANT CARRYING CHARGE w/o intra-AEP charge Annual Rate Monthly Rate	es or credits or ROE incentives (Note B) ( (In 1 - In 105 - In 106)/ In 48 x 100) (In 6 / 12)					19.03% 1.59%
8 9	NET PLANT CARRYING CHARGE ON LINE 6, w/o depr Annual Rate	reciation or ROE incentives (Note B) ( (In 1 - In 105 - In 106 - In 111) / In 48 x 100)					15.77%
10 11	NET PLANT CARRYING CHARGE ON LINE 9, w/o Retu Annual Rate	rn, income taxes or ROE incentives (Note B) ( (In 1 - In 105 - In 106 - In 111 - In 133 - In 134)	) / In 48 x 100)				2.74%
12	ADDITIONAL REVENUE REQUIREMENT for projects w/	incentive ROE's (Note B) (Worksheet K)					-
13		REVENUE REQUIREMENT FOR SCHE	EDULE 1A CHARGES				
14 15 16	Total Load Dispatch & Scheduling (Account 561) Less: Load Dispatch - Scheduling, System Control and E Less: Load Dispatch - Reliability, Planning & Standards E	. ,					113,522 62 -
17	Total 561 Internally Developed Costs	(Line 14 - Line 15 - Line 16)					113,460

### WHEELING POWER COMPANY

	(1)	(2)	(3)		(4)	(5)
	RATE BASE CALCULATION	Data Sources (See "General Notes")	TO Total	Allo	ocator_	Total <u>Transmission</u>
Line No.	GROSS PLANT IN SERVICE		NOTE C			
18 19	Production Less: Production ARO (Enter Negative)	(Worksheet A In 1.E) (Worksheet A In 2.E)	- -	NA NA	0.00000 0.00000	-
20 21	Transmission	(Worksheet A In 3.E & Ln 142) (Worksheet A In 4.E & Ln 143)	114,956,364	DA TP	1.00000	114,956,364
21	Less: Transmission ARO (Enter Negative) Plus: Transmission Plant-in-Service Additions (Work	,	N/A	NA	0.00000	N/A
23	Plus: Additional Trans Plant on Transferred Assets	·	N/A	NA	0.00000	N/A
24	Distribution	(Worksheet A In 5.E)	148,978,410	NA	0.00000	-
25 26	Less: Distribution ARO (Enter Negative) General Plant	(Worksheet A In 6.E) (Worksheet A In 7.E)	- 5,238,276	NA W/S	0.00000 0.12660	- 663,153
27	Less: General Plant ARO (Enter Negative)	(Worksheet A In 8.E)	(34,819)	W/S	0.12660	(4,408)
28	Intangible Plant	(Worksheet A In 9.E)	1,650,575	W/S	0.12660	208,959
29	TOTAL GROSS PLANT	(sum Ins 18 to 28)	270,788,805	GP(h)= GTD=	0.42773 0.00000	115,824,067
30	ACCUMULATED DEPRECIATION AND AMORTIZATI					
31	Production	(Worksheet A In 12.E)	-	NA NA	0.00000	-
32 33	Less: Production ARO (Enter Negative) Transmission	(Worksheet A In 13.E) (Worksheet A In 14.E & 28.E)	23,976,392	NA <b>TP1=</b>	0.00000 1.00000	23,976,392
34	Less: Transmission ARO (Enter Negative)	(Worksheet A In 15.E)	-	TP1=	1.00000	-
35	Plus: Transmission Plant-in-Service Additions (World		N/A	DA	1.00000	N/A
36	Plus: Additional Projected Deprec on Transferred A		N/A	DA	1.00000	N/A
37 38	Plus: Additional Transmission Depreciation for 2015 Plus: Additional General & Intangible Depreciation f		N/A N/A	TP1 W/S	1.00000 0.12660	N/A N/A
39	Plus: Additional Accum Deprec on Transferred Ass		N/A N/A	DA	1.00000	N/A
40	Distribution	(Worksheet A In 16.E)	40,141,712	NA	0.00000	-
41	Less: Distribution ARO (Enter Negative)	(Worksheet A In 17.E)	-	NA	0.00000	-
42 43	General Plant Less: General Plant ARO (Enter Negative)	(Worksheet A In 18.E) (Worksheet A In 19.E)	2,563,657 (19,642)	W/S W/S	0.12660 0.12660	324,553 (2,487)
44	Intangible Plant	(Worksheet A In 20.E)	967,098	W/S	0.12660	122,432
45	TOTAL ACCUMULATED DEPRECIATION	(sum Ins 31 to 44)	67,629,215		•	24,420,890
46	NET PLANT IN SERVICE					
47	Production	(ln 18 + ln 19 - ln 31 - ln 32)	-			-
48 49	Transmission Plus: Transmission Plant-in-Service Additions (In 22)	(ln 20 + ln 21 - ln 33 - ln 34)	90,979,973 <b>N/A</b>			90,979,973 <b>N/A</b>
50	Plus: Additional Trans Plant on Transferred Assets	•	N/A			N/A
51	Plus: Additional Transmission Depreciation for 2015		N/A			N/A
52	Plus: Additional General & Intangible Depreciation f	· · ·	N/A			N/A
53	Plus: Additional Accum Deprec on Transferred Association	ets (Worksheet I) (-In 39) (In 24 + In 25 - In 40 - In 41)	<b>N/A</b> 108,836,698			N/A
54 55	General Plant	(ln 26 + ln 27 - ln 42 - ln 43)	2,659,443			336,679
56	Intangible Plant	(In 28 - In 44)	683,477			86,526
57	TOTAL NET PLANT IN SERVICE	(sum Ins 47 to 56)	203,159,590	NP(h)=	0.44991	91,403,178
58	DEFERRED TAX ADJUSTMENTS TO RATE BASE	(Note D)				
59	Account No. 281.1 (enter negative)	(Worksheet B, In 2 & In 5.E)	-	NA		-
60	Account No. 282.1 (enter negative)	(Worksheet B, In 7 & In 10.E)	(39,058,451)	DA		(20,499,426)
61	Account No. 283.1 (enter negative)	(Worksheet B, In 12 & In 15.E)	(4,411,024)	DA		(380,480)
62 63	Account No. 190.1 Account No. 255 (enter negative)	(Worksheet B, In 17 & In 20.E) (Worksheet B, In 24 & In 25.E)	2,844,222 (6,891)	DA DA		853,814 (2,284)
64	TOTAL ADJUSTMENTS	(sum Ins 59 to 63)	(40,632,144)	571	•	(20,028,376)
65	PLANT HELD FOR FUTURE USE	(Worksheet A In 29.E & In 30.E)	-	DA		-
66	REGULATORY ASSETS	(Worksheet A In 36. (E))	-	DA		-
67	WORKING CAPITAL	(Note E)				
68	Cash Working Capital	(1/8 * In 88)	76,942			76,942
69 70	Transmission Materials & Supplies	(Worksheet C, In 2.F) (Worksheet C, In 3.F)	1,970 2,212	TP W/S	1.00000 0.12660	1,970 280
70 71	A&G Materials & Supplies Stores Expense	(Worksheet C, In 4.(D))	Z,Z 1Z -	GP(h)	0.12660	-
72	Prepayments (Account 165) - Labor Allocated	(Worksheet C, In 8.G)	7,606,182	W/S	0.12660	962,924
73	Prepayments (Account 165) - Gross Plant	(Worksheet C, In 8.F)	142,788	GP(h)	0.42773	61,075
74 75	Prepayments (Account 165) - Transmission Only Prepayments (Account 165) - Unallocable	(Worksheet C, In 8.E) (Worksheet C, In 8.D)	- (7,269,999)	DA NA	1.00000 0.00000	-
75 76	TOTAL WORKING CAPITAL	(sum Ins 68 to 75)	560,096	INA	0.00000	1,103,191
		,	,			-,,,,,,,,,
77	IPP CONTRIBUTIONS FOR CONSTRUCTION	(Note F) (Worksheet D, In 8 (B))	-	DA	1.00000	-
			100.007.510			<b>70.477.000</b>

78 RATE BASE (sum Ins 57, 64, 65, 66, 76, 77)

163,087,542

72,477,993

### WHEELING POWER COMPANY

	(1)	(2)	(3)	(	(4)	(5)
	EXPENSE, TAXES, RETURN & REVENUE REQUIREMENTS CALCULATION	Data Sources (See "General Notes")	TO Total	Allo	ocator_	Total <u>Transmission</u>
Line No.	OPERATION & MAINTENANCE EXPENSE	004.00.1	404450444			
79 80 81 82 83	Production Distribution Customer Related Expense Regional Marketing Expenses Transmission	321.80.b 322.156.b 322.164,171,178.b 322.131.b 321.112.b	124,158,144 3,571,348 3,376,301 - 729,060			
84 85	TOTAL O&M EXPENSES Less: Total Account 561	(sum Ins 79 to 83) (Note G) (Worksheet F, In 14.C)	131,834,853 113,522			
86 87 88	Less: Account 565 Less: Regulatory Deferrals & Amortizations Total O&M Allocable to Transmission	(Note H) 321.96.b (Note I) (Worksheet F, In 4.C) (Ins 83 - 85 - 86 - 87)	615,538	TP	1.00000	615,538
89 90 91 92 93 94 95	Administrative and General Less: Acct. 924, Property Insurance Acct. 9260039 PBOP Expense Acct. 9260057 PBOP Medicare Subsidy PBOP Expense Billed From AEPSC Acct. 928, Reg. Com. Exp. Acct. 930.1, Gen. Advert. Exp.	323.197.b (Note J) 323.185.b PBOP Worksheet O Line 9 & 10, (Note K) PBOP Worksheet O Line 11, (Note K) PBOP Worksheet O Line 13, (Note K) 323.189.b 323.191.b	2,666,638 210,312 (357,814) - (30,474) 13,545 2,343			
96 97 98 99 100	Acct. 930.2, Misc. Gen. Exp. Balance of A & G Plus: Acct. 924, Property Insurance Acct. 928 - Transmission Specific Acct 930.1 - Only safety related ads -Direct	323.192.b (In 89 - sum In 90 to In 96) (In 90) Worksheet F In 18.(E) (Note L) Worksheet F In 30.(E) (Note L)	54,784 2,773,942 210,312 -	W/S GP(h) TP TP	0.12660 0.42773 1.00000 1.00000	351,174 89,956 -
101 102 103	Acct 930.2 - Misc Gen. Exp Trans Settlement Approved PBOP Recovery A & G Subtotal	Worksheet F In 36.(E) (Note L) PBOP Worksheet O, Col. C, Line 7, (Note M) _ (sum Ins 97 to 102)	1,469 307,178 3,292,901	DA W/S	1.00000 0.12660	1,469 38,888 481,488
104 105 106 107	O & M EXPENSE SUBTOTAL Plus: TEA Settlement in Account 565 Plus: Transmission Lease Payments To Affiliates in Ac TOTAL O & M EXPENSE	(In 88 + In 103) Company Records (Note H) cct 565 (Company Records) (Note H) (In 104 + In 105 + In 106)	3,908,439 - - 3,908,439	DA DA	1.00000 1.00000	1,097,025 - - 1,097,025
108 109 110 111	DEPRECIATION AND AMORTIZATION EXPENSE Production Distribution Transmission	336.2-6.f 336.8.f 336.7.f	5,016,617 2,971,841	NA NA TP1	0.00000 0.00000 1.00000	- - 2,971,841
112 113 114 115	Plus: Transmission Plant-in-Service Additions (Worksh General Intangible TOTAL DEPRECIATION AND AMORTIZATION	neet I) 336.10.f 336.1.f (Ln 109+110+ 111+112+113+114)	<b>N/A</b> 151,281 573,051 8,712,790	W/S W/S	0.12660 0.12660	N/A 19,152 72,547 3,063,540
116 117 118	TAXES OTHER THAN INCOME Labor Related Payroll	(Note N) Worksheet H In 21.(D)	196,840	W/S	0.12660	24,919
119 120 121 122 123	Plant Related Property Gross Receipts/Sales & Use Other TOTAL OTHER TAXES	Worksheet H In 21.(C) & In 35.(C) Worksheet H In 21.(F) Worksheet H In 21.(E) (sum Ins 118 to 122)	2,128,588 7,282,902 751,060 10,359,390	DA NA GP(h)	0.00000 0.42773	959,927 - 321,250 1,306,097
124 125 126 127 128	INCOME TAXES  T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =  EIT=(T/(1-T)) * (1-(WCLTD/WACC)) =  where WCLTD=(In 162) and WACC = (In 165)  and FIT, SIT & p are as given in Note O.	(Note O)	39.23% 58.39%			
129 130	GRCF=1 / (1 - T) = (from In 125) Amortized Investment Tax Credit (enter negative)	(FF1 p.114, ln 19.c)	1.6454 -			
131 132 133	Income Tax Calculation ITC adjustment TOTAL INCOME TAXES	(In 126 * In 134) (In 129 * In 130) (sum Ins 131 to 132)	9,829,014 - 9,829,014	NP(h)	0.44991	4,368,128 - 4,368,128
134	RETURN ON RATE BASE (Rate Base*WACC)	(In 78 * In 165)	16,832,686			7,480,641
135	(Gains) / Lossos on Salos of Plant Hold for Euture Use (V		-	DA	1.00000	-
136 137	(Gains) / Losses on Sales of Plant Held for Future Use (V Tax Impact on Net Loss / (Gain) on Sales of Plant Held f		-			-

138 TOTAL REVENUE REQUIREMENT

(sum Ins 107, 115, 123, 133, 134, 135)

49,642,319

17,315,430

### WHEELING POWER COMPANY

### SUPPORTING CALCULATIONS

In No. 139 140 141 142	TRANSMISSION PLANT INCLUDED IN PJM TARIFF Total transmission plant Less transmission plant excluded from PJM Tariff (Note Less transmission plant included in OATT Ancillary Serv Transmission plant included in PJM Tariff  Percent of transmission plant in PJM Tariff	,	(C)) (Note Q)			TP	114,956,364 - - 114,956,364 1.00000
	·	,					
144 145 146 147 148 149	WAGES & SALARY ALLOCATOR (W/S) Production Transmission Regional Market Expenses Distribution Other (Excludes A&G) Total	(Note R) 354.20.b 354.21.b 354.22.b 354.23.b 354.24,25,26.b (sum Ins 145 to 149)	Direct Payroll  0 0 0 1,542,207 353,274 1,895,481	Payroll Billed from AEP Service Corp. 0 383,999 0 406,997 346,750 1,137,746	Total - 383,999 - 1,949,204 700,024 3,033,227	NA 0.00000 TP 1.00000 NA 0.00000 NA 0.00000 NA 0.00000	383,999 - - - 383,999
151	Transmission related amount					W/S=	0.12660
152	WEIGHTED AVERAGE COST OF CAPITAL (WACC)						\$
153 154 155 156 157 158 159	Long Term Interest Preferred Dividends <u>Development of Common Stock:</u> Proprietary Capital Less: Preferred Stock Less: Account 216.1 Less: Account 219 Common Stock	(Worksheet M, In. 21, col. (E) (Worksheet M, In. 56, col. (E) (Worksheet M, In. 1, col. (E) (Worksheet M, In. 2, col. (E) (Worksheet M, In. 3, col. (E) (Worksheet M, In. 4, col. (E) (In 156 - In 157 - In 158 - In	(i)) ) ) )				1,312,500 - Average 109,349,070 - - 872,193 108,476,876
153 154 155 156 157 158 159 160	Preferred Dividends <u>Development of Common Stock:</u> Proprietary Capital  Less: Preferred Stock  Less: Account 216.1  Less: Account 219	(Worksheet M, In. 56, col. (E) (Worksheet M, In. 1, col. (E) (Worksheet M, In. 2, col. (E) (Worksheet M, In. 3, col. (E) (Worksheet M, In. 4, col. (E) (In 156 - In 157 - In 158 - In	(i)) ) ) )	Capital Structure		Cost (Note S)	Average 109,349,070 - - 872,193 108,476,876
153 154 155 156 157 158 159	Preferred Dividends <u>Development of Common Stock:</u> Proprietary Capital  Less: Preferred Stock  Less: Account 216.1  Less: Account 219	(Worksheet M, In. 56, col. (E) (Worksheet M, In. 1, col. (E) (Worksheet M, In. 2, col. (E) (Worksheet M, In. 3, col. (E) (Worksheet M, In. 4, col. (E)	(i)) ) ) )	Capital Structure Actual 18.73% 0.00% 81.27%	Weighting Cap Limit 0.00% 0.00% 0.00%	(Note S)	Average 109,349,070 872,193 108,476,876  Weighted 0.0098 0.0000 0.0934

WHEELING POWER COMPANY

<u>Notes</u>

<u>Letter</u>

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.
  - 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.
- C Transmission Plant balances in this study reflect the average of the balances at December 31, 2013 and December 31, 2014.
- The total-company balances shown for Accounts 281, 282, 283, 190 only reflect ADIT that relates to utility operations. The balance of Account 255 is reduced by prior flow throughs and is completely excluded if the utility chose to utilize amortization of tax credits against FIT expense. An exception to this is pre-1971 ITC balances, which are required to be taken as an offset to rate base. Account 281 is not allocated. In compliance with FERC Rulemaking RM02-7-000, Asset Retirement Obligation deferrals have been removed from ratebase. Transmission ADIT allocations are shown on WS B.
  - The company will not include the ADIT portion of deferred hedge gains and losses in rate base.
  - Cash Working Capital assigned to transmission is one-eighth of O&M allocated to transmission, as shown on line 88. It excludes:

    1) Load Scheduling & Dispatch Charges in account 561 that are collected in the OATT Ancilliary Services Revenue, as shown on line 85.
  - 2) AEP transmission equalization transfers, as shown on line 86
  - 3) The impact of state regulatory deferrals and amortizations, as shown on line 87
  - 4) All A&G Expenses, as shown on line 103.
- Consistent with Paragraph 657 of Order 2003-A, the amount on line 77 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 135.
- 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 15 & 16 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.
- Removes cost of transmission service provided by others to determine the basis of cash working capital on line 88. To the extent such service is incurred to provide the PJM service at issue, e.g. transmission equalization agreement, such costs are added back on lines 105 and 106 to determine the total O&M collected in the formula. The amounts on lines 105 and 106 are also excluded in the calculation of the FCR percentage calculated on lines 5 through 11. The addbacks on lines 105 and 106 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 lines 105 and 106 is the WHEELING POWER COMPANY general ledger.
- I Removes the impact of state regulatory deferrals or their amortization from O&M expense. applicable only for state regulatory purposes.
- 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.
- These deductions on lines 91 through 93 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.
- Expenses reported for these A&G accounts will be included in the cost of service only to the extent they are directly assignable to transmission service. Worksheet F allocates these expense items. Acct 928 Includes Regulatory Commission expenses itemized in FERC Form-1 at page 351, column H. FERC Assessment Fees and Annual Charges shall not be allocated to transmission. Only safety-related and educational advertising costs in Account 930.1 are included in the TCOS. Account 930.2 includes the expenses incurred by the transmission function for Associated Business Development revenues given as a credit to the TCOS on Worksheet E.
- M See note K above. 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 Corportation. The calculation of the recoverable amount for each company is shown on Worksheet O, and the process for updating the annual total is documented on Attachment F. Allowable PBOP Expense Formula.
- 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.
- 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 130) multiplied by (1/1-T). If the applicable tax rates are zero enter 0.

130) multiplied by (1/1-T). If the applicable tax rates are zero enter 0.

Inputs Required:

FIT = 35.00%

SIT= 6.50% (State Income Tax Rate or Composite SIT. Worksheet G))
p = 0.00% (percent of federal income tax deductible for state purposes)

- 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.
- Long Term Debt cost rate = long-term interest (ln 153) / long term debt (ln 162). Preferred Stock cost rate = preferred dividends (ln 154) / preferred outstanding (ln 163). Common Stock cost rate (ROE) = 11.49%, the rate accepted by FERC in Docket No. ER08-1329. It includes an additional 50 basis points for PJM RTO membership. Interest expense for the true-up WACC is based on actual expenses for the true-up year. The amount of eligible hedging gains or losses included in total interest expense is limited to five basis points of the true-up capital structure. Details and calculations of the true-up weighted average cost of capital are shown on Worksheet M. Eligible Hedging Gains and Losses are defined in the Formula Protocols in the tariff, and on Worksheet M.
- T This note only applies to Indiana Michigan Power Company.
- Per Settlement, equity for WHEELING POWER COMPANY is limited to 100% of Capital Structure. If the percentage of equity exceeds the cap, the excess is included in weighted percentage of long term debt in the capital structure.

  During the period ended December 31, 2011 the equity cap is in effect. During this period, a change in the cap percentage must be approved via a 205 filing with the FERC.

# AEP East Companies Cost of Service Formula Rate Using 2014 FF1 Balances Worksheet A Supporting Plant Balances WHEELING POWER COMPANY

(A) (B)	(C)	(D)	(E)					
Number Rate Base Item & Supporting Balance Source of I		Balance @ December 31, 2013	Average Balance for 2014					
NOTE: Functional ARO investment and accumulated depreciation balances shown below are in	<del></del>							
Plant Investment Balances								
1 Production Plant In Service FF1, page 205 Col.(g) & pg. 3	204 Col. (b), In 46		-					
2 Production Asset Retirement Obligation (ARO) FF1, page 205&204, Col.(g)8			-					
3 Transmission Plant In Service FF1, page 207 Col.(g) & pg. 3		95 112,649,133	114,956,364					
4 Transmission Asset Retirement Obligation FF1, page 207 Col.(g) & pg. 3		-	-					
5 <b>Distribution Plant In Service</b> FF1, page 207 Col.(g) & pg. 3		144,844,479	148,978,410					
6 Distribution Asset Retirement Obligation FF1, page 207 Col.(g) & pg. 3			-					
7 General Plant In Service FF1, page 207 Col.(g) & pg. 1		5,192,451	5,238,276					
8 General Asset Retirement Obligation FF1, page 207 Col.(g) & pg. 2		9 34,819	34,819					
9 Intangible Plant In Service FF1, page 205 Col.(g) & pg. 3			1,650,575					
10 <b>Total Property Investment Balance</b> (Sum of Lines: 3, 1, 5, 7, 9)	278,096,01	5 263,551,233	270,823,624					
11 Total ARO Balance (included in total on line 10) (Sum of Lines: 4, 2, 6, 8)	34,81	9 34,819	34,819					
Accumulated Depreciation & Amortization Balances								
12 <b>Production Accumulated Depreciation</b> FF1, page 219, lns 20-24, Co	ol. (b)		-					
13 <b>Production ARO Accumulated Depreciation</b> Company Records - Note 1	-		_					
14 Transmission Accumulated Depreciation FF1, page 219, ln 25, Col. (b)	) 25,247,53	31 22,705,252	23,976,392					
15 Transmission ARO Accumulated Depreciation Company Records - Note 1		-	-					
16 <b>Distribution Accumulated Depreciation</b> FF1, page 219, ln 26, Col. (b)	41,087,68	39,195,741	40,141,712					
17 Distribution ARO Accumulated Depreciation Company Records - Note 1		-	-					
18 General Accumulated Depreciation FF1, page 219, ln 28, Col. (b)	2,639,29	2,488,016	2,563,657					
19 General ARO Accumulated Depreciation Company Records - Note 1	20,06	19,225	19,642					
20 Intangible Accumulated Amortization FF1, page 200, ln 21, Col. (b)	1,254,72	679,470	967,098					
Total Accumulated Depreciation or Amortization (Sum of Lines: 14, 12, 16, 18	3, 20) 70,229,23	65,068,479	67,648,858					
Total ARO Balance (included in total on line 21) (Sum of Lines: 15, 13, 17, 19	20,06	60 19,225	19,642					
Generation Step-Up Units								
23 <b>GSU Investment Amount</b> Company Records - Note 1	-		-					
24 GSU Accumulated Depreciation Company Records - Note 1	-		-					
25 <b>GSU Net Balance</b> (Line 23 - Line 24)		-	-					
Transmission Accumulated Depreciation Net of GSU Accumulated Depreciation								
Transmission Accumulated Depreciation (Line 14 Above)	25,247,53	22,705,252	23,976,392					
27 Less: GSU Accumulated Depreciation (Line 24 Above)	-	-	-					
28 Subtotal of Transmission Net of GSU (Line 26 - Line 27)	25,247,53	22,705,252	23,976,392					
Plant Held For Future Use								
29 Plant Held For Future Use FF1, page 214, ln 47, Col. (d)	-	-	-					
30 <u>Transmission Plant Held For Future</u> Company Records - Note 1	-	•	-					
Regulatory Assets and Liabilities Approved for Recovery In Ratebase  Note: Regulatory Assets & Liabilities can only be included in ratebase pursuant to a 20	05 filing with the FERC.							
31 32			-					
33 34			-					
35 36 Total Regulatory Deferrals Included in Ratebase	-	-	-					

NOTE 1 On this worksheet, "Company Records" refers to AEP's property accounting ledger.

NOTE: The ratebase should not include the unamoritzed balance of hedging gains or losses.

# AEP East Companies Cost of Service Formula Rate Using 2014 FF1 Balances Worksheet B Supporting ADIT and ITC Balances WHEELING POWER COMPANY

	(A)		(C)	(D)	(E)
<u>Line</u> Number	<u>Description</u>	<u>Source</u>	Balance @ December 31, 2014	Balance @ December 31, 2013	Average Balance for 2014
1	Account 281				
2 3 4 5	Year End Utility Deferrals Less: ARO Related Deferrals Less: Other Excluded Deferrals Transmission Related Deferrals	FF1, p. 272 - 273, ln 8, Col. (k) Company Records - Note 1 Company Records - Note 1 Ln 2 - ln 3 - ln 4	- - -	-	- - - -
6	Account 282				
7 8 9 10	Year End Utility Deferrals Less: ARO Related Deferrals Less: Other Excluded Deferrals Transmission Related Deferrals	FF1, p. 274 - 275, ln 5, Col. (k) Company Records - Note 1 Company Records - Note 1 Ln 7 - ln 8 - ln 9	41,426,980 (1,870) 20,309,855 21,118,995	36,689,922 (1,578) 16,811,643 19,879,857	39,058,451 (1,724) 18,560,749 20,499,426
11	Account 283				
12 13 14 15	Year End Utility Deferrals Less: ARO Related Deferrals Less: Other Excluded Deferrals Transmission Related Deferrals	FF1, p. 276 - 277, ln 9, Col. (k) Company Records - Note 1 Company Records - Note 1 Ln 12 - ln 13 - ln 14	4,879,214 0 4,440,108 439,106	3,942,834 0 3,620,980 321,854	4,411,024 - 4,030,544 380,480
16	Account 190				
17 18 19 20	Year End Utility Deferrals Less: ARO Related Deferrals Less: Other Excluded Deferrals Transmission Related Deferrals	FF1, p. 234, ln 8, Col. (c) Company Records - Note 1 Company Records - Note 1 Ln 17 - ln 18 - ln 19	2,891,810 45,584 1,911,207 935,019	2,796,633 42,850 1,981,174 772,609	2,844,222 44,217 1,946,191 853,814
21	Account 255				
22 23 24	Year End ITC Balances Less: Balances Not Qualified for Ratebase ITC Balances Includeable Ratebase	FF1, p. 266-267, ln 8, Col. (h) Company Records - Note 1 Ln 22 - ln 23	3,159 0 3,159	10,622 0 10,622	6,891 - 6,891
25	Transmission Related Deferrals	Company Records - Note 1	1,056	3,511	2,284

NOTE 1 On this worksheet, "Company Records" refers to AEP's tax accounting ledger.

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

# AEP East Companies Cost of Service Formula Rate Using 2014 FF1 Balances Worksheet C Supporting Working Capital Rate Base Adjustments WHEELING POWER COMPANY

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)

### **Materials & Supplies**

<u>Line</u> Number		<u>Source</u>	Balance @ December 31, 2014	Balance @ December 31, 2013	Average Balance for 2014
1					
2	Transmission Materials & Supplies	FF1, p. 227, ln 8, Col. (c) & (b)	2,545	1,395	1,970
3	General Materials & Supplies	FF1, p. 227, ln 11, Col. (c) & (b)	544	3,880	2,212
4	Stores Expense (Undistributed)	FF1, p. 227, ln 16, Col. (c) & (b)	0	0	-

	Prepayment Balance Summary								
5		Average of YE Balance	Excludable Balances	100% Transmission <u>Related</u>	Transmission Plant <u>Related</u>	Transmission Labor <u>Related</u>	Total Included in Ratebase (E)+(F)+(G)		
6	Totals as of December 31, 2014	503,460	(7,328,077)	0	140,627	7,690,910	7,831,537		
7	Totals as of December 31, 2013	454,484	(7,211,920)		144,950	7,521,454	7,666,404		
8	Average Balance	478,972	(7,269,999)	-	142,788	7,606,182	7,748,970		

### Prepayments Account 165 - Balance @ 12/31/2014

9	Acc. No.	<u>Description</u>	2014 <u>YE Balance</u>	Excludable <u>Balances</u>	100% Transmission <u>Related</u>	Transmission Plant <u>Related</u>	Transmission Labor <u>Related</u>	Total Included in Ratebase (E)+(F)+(G)	<u>Explanation</u>
10	1650001	Prepaid Insurance	46,982	-		46,982		46,982	Plant Related Insurance Policies
11	165000214	Prepaid Taxes	362,833	362,833				-	Prepaid Taxes-Distribution
12	1650010	Prepaid Pension Benefits	7,305,843				7,305,843	7,305,843	Prefunded Pension Expense
13	1650014	FAS 158 Qual Contra Asset	(7,305,843)	(7,305,843)				-	SFAS 158 Offset
14	1650016	FAS 112 ASSETS	0	-			-	-	
15	1650021	Prepaid Insurance - EIS	93,645	-		93,645		93,645	
16	1650035	PRW without Med-D Benefits	(374,282)				(374,282)	(374,282)	
17	1650036	PRW for Med-D Benefits	759,349				759,349	759,349	
18	1650037	FAS 158 Contra-PRW Exc Med	(385,067)	(385,067)					SFAS 158 Offset
		Subtotal - Form 1, p 111.57.c	503,460	(7,328,077)	0	140,627	7,690,910	7,831,537	•

### Prepayments Account 165 - Balance @ 12/31/ 2013

19	Acc. No.	<u>Description</u>	2013 <u>YE Balance</u>	Excludable <u>Balances</u>	100% Transmission <u>Related</u>	Plant Related	Labor Related	in Ratebase (E)+(F)+(G)	<b>Explanation</b>
20	1650001	Prepaid Insurance	42,064			42,064		42,064	Plant Related Insurance Policies
21	165000213	Prepaid Taxes	309,534	309,534		0		-	Prepaid Taxes-Distribution
22	1650010	Prepaid Pension Benefits	7,521,454				7,521,454	7,521,454	Prefunded Pension Expense
23	1650014	FAS 158 Qual Contra Asset	(7,521,454)	(7,521,454)				-	SFAS 158 Offset
24	1650016	FAS 112 ASSETS	0	0				-	
25	1650021	Prepaid Insurance - EIS	102,886			102,886		102,886	
		Subtotal - Form 1, p 111.57.d	454,484	(7,211,920)		144,950	7,521,454	7,666,404	•

Formula Rate WPCo WS D IPP Credits Page 19 of 36

### AEP East Companies Cost of Service Formula Rate Using 2014 FF1 Balances Worksheet D Supporting IPP Credits WHEELING POWER COMPANY

<u>Line</u> <u>Number</u>	(A) <u>Description</u>	(B) <u>2014</u>
1	Net Funds from IPP Customers 12/31/2013 (2014 FORM 1, P269, line 24.b)	-
2	Interest Accrual (Company Records - Note 1)	-
3	Revenue Credits to Generators (Company Records - Note 1)	-
4 5 6	Other Adjustments Accounting Adjustment (Company Records - Note 1)	-
7	Net Funds from IPP Customers 12/31/2014 (2014 FORM 1, P269, line 24.f)	-
8	Average Balance for Year as Indicated in Column ((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 2014 FF1 Balances Worksheet E Supporting Revenue Credits WHEELING POWER COMPANY

<u>Line</u> Number	<u>Description</u>	<u>Total</u> <u>Company</u>	Non- Transmission	<u>Transmission</u>
1	Account 450, Forfeited Discounts (FF1 p.300.16.(b); Company Records - Note 1)	152,240	152,240	-
2	Account 451, Miscellaneous Service Revenues (FF1 p.300.17.(b); Company Records - Note 1)	8,839	8,839	-
3	Account 454, Rent from Electric Property (FF1 p.300.19.(b); Company Records - Note 1)	592,230	513,588	78,641
4	Account 4560015, Associated Business Development - (Company Records - Note 1)	15,000	15,000	-
5	Account 456 - Other Electric Revenues - (Company Records - Note 1)	19,209,320	17,797,532	1,411,788
6	Subtotal - Other Operating Revenues (Company Total equals (FF1 p. 300.26.(b))	19,977,628	18,487,199	1,490,429
7	Accounts 4470004 & 5, Revenues from Grandfathered Transmission Contracts -	-	-	-
8	(Company Records - Note 1) Total Other Operating Revenues To Reduce Revenue Requirement	19,977,628	18,487,199	1,490,429

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.

(F)

**Explanation** 

### AEP East Companies Cost of Service Formula Rate Using 2014 FF1 Balances Worksheet F Supporting Allocation of Specific O&M or A&G Expenses WHEELING POWER COMPANY

	(A)	(B)	(C)	(D)	(E) 100%	
<u>Line</u> <u>Number</u>	<u>Item No.</u>	<u>Description</u>	<u>2014</u> Expense	100% Non-Transmission	<u>Transmission</u> <u>Specific</u>	
1	5700005	Regulatory O&M Deferrals & Amortizations  Maint Station-Reliability-Df	_			
2	5700005	Wallit Station-Nellability-Di				
3						
4		Total	0			
		Detail of Account 561 Per FERC Form 1				
5	FF1 p 321.84.b	561 - Load Dispatching	0			
6	FF1 p 321.85.b	561.1 - Load Dispatch - Reliability	1,220			
7	FF1 p 321.86.b	561.2 - Load Dispatch - Monitor & Operate Trans System	99,167			
8	FF1 p 321.87.b	561.3 - Load Dispatch - Trans Service & Scheduling	0			
9	FF1 p 321.88.b	561.4 - Scheduling, System Control & Dispatch	62			
10 11	FF1 p 321.89.b	561.5 - Reliability, Planning and Standards Development 561.6 - Transmission Service Studies	13,073			
12	FF1 p 321.90.b FF1 p 321.91.b	561.7 - Generation Interconnection Studies	0			
13	FF1 p 321.92.b	561.8 - Reliability, Planning and Standards Development Serv	0			
14	11 1 β 02 1.02.0	Total of Account 561	113,522			
		·		•		
4.5	000000	Account 928				
15 16	9280000	Regulatory Commission Exp	-	-	-	
16 17	9280001 9280002	Regulatory Commission Exp-Adm Regulatory Commission Exp-Case	13,545	13,545		
17	9200002	regulatory Commission Exp-Case	10,040	10,040	_	
18		Total	13,545	13,545	-	
		Account 930.1				
19	9301000	General Advertising Expenses	-	-	-	
20	9301001	Newspaper Advertising Space	-	-	-	
21	9301002	Radio Station Advertising Time	8	8		
22	9301007	Special Adv Space & Prod Exp	-	-	-	
23	9301008	Direct Mail and Handouts	-	-	-	
24 25	9301009 9301010	Fairs, Shows, and Exhibits Publicity	232	232	-	
25 26	9301010	Dedications, Tours, & Openings	232	232	-	
27	9301011	Public Opinion Surveys	1,838	1,838	-	
28	9301014	Video Communications	-	-	-	
29	9301015	Other Corporate Comm Exp	264	264	-	
30		Total	2,342	2,342		
		Account 930.2				
31	9302000	Misc General Expenses	33,602	33,602		
32	9302003	Corporate & Fiscal Expenses	996	996		
33	9302004	Research, Develop&Demonstr Exp	950			
34	9302006	Assoc Bus Dev-Materials Sold	0	0		
35	9302007	Assoc Business Development Exp	19,236	17,767	1,469	
36		Total	54,784	53,315	1,469	

Formula Rate WPCo WS G State Tax Rate Page 22 of 36

### AEP East Companies Cost of Service Formula Rate Using 2014 FF1 Balances Worksheet G Supporting - Development of Composite State Income Tax Rate WHEELING POWER COMPANY

West Virginia Corporate Income Tax Apportionment Factor - Note 2 Effective State Tax Rate	6.50% 99.95%	6.50%
State Income Tax Rate - Ohio Phase-out Factor Note 1 Apportionment Factor - Note 2 Effective State Tax Rate	0.00% 0.00% 0.00%	0.00%
Total Effective State Income Tax Rate	_	6.50%

- Note 1 The Ohio State Income Tax is being phased-out prorata over a 5 year period from 2005 through 2009. The taxable portion of income is 20% in 2009. The phase-out factors can be found in the Ohio Revised Code at 5733.01(G)2(a)(v). This tax has been replaced with a Commercial Activites Tax that is included in Schedule H and H-1.
- Note 2 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 2014 FF1 Balances Worksheet H Supporting Taxes Other than Income WHEELING POWER COMPANY

	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	Account	Total Company	Property	Labor	Other	Non-Allocable
		NOTE 1				
1 2	Revenue Taxes Gross Receipts Tax	5,278,062				5,278,062
3 4 5	Real Estate and Personal Property Taxes Real and Personal Property - West Virginia Real and Personal Property - Other	2,128,588 0	2,128,588 -			
6	Payroll Taxes					
7	Federal Insurance Contribution (FICA)	188,610		188,610		
8	Federal Unemployment Tax	1,633		1,633		
9	State Unemployment Insurance	6,597		6,597		
10	Production Taxes					
11	State Severance Taxes	_				-
12	Miscellaneous Taxes					
13	State Business & Occupation Tax	2,004,840				2,004,840
14	State Public Service Commission Fees	752,060			752,060	
15	State Franchise Taxes	(1,055)			(1,055)	
16	State Lic/Registration Fee	55			55	
1/	Misc. State and Local Tax	-			-	
18	Sales & Use	-				-
19 20	Federal Excise Tax Michigan Single Business Tax	-				-
20	Michigan Single Business Tax	-				-
21	Total Taxes by Allocable Basis	10,359,390	2,128,588	196,840	751,060	7,282,902
	(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					
	Fund	tional Property Tax Production	Transmsission	Distribution	General	<u>Total</u>
22	Functionalized Net Plant (Hist. TCOS, Lns 212 thru 222) WEST VIRGINA JURISDICTION	-	92,016,064	112,024,657	2,630,045	206,670,766
23	Percentage of Plant in WEST VIRGINA JURISDICTION		100.00%	100.00%	100.00%	
24	Net Plant in WEST VIRGINA JURISDICTION (Ln 22 * Ln 23)		92,016,064	112,024,657	2,630,045	206,670,766
25	Less: Net Value of Exempted Generation Plant	-				
26	Taxable Property Basis (Ln 24 - Ln 25)	-	92,016,064	112,024,657	2,630,045	206,670,766
27	Relative Valuation Factor		100%	100%	100%	
28	Weighted Net Plant (Ln 26 * Ln 27)	- 0.000/	92,016,064	112,024,657	2,630,045	
29	General Plant Allocator (Ln 28 / (Total - General Plant))	0.00%	45.10%	54.90%	-100.00% (2.630.045)	
30 31	Functionalized General Plant (Ln 29 * General Plant) Weighted WEST VIRGINA JURISDICTION Plant (Ln 28 + 30)	-	1,186,069 93,202,133	1,443,976 113,468,633	(2,630,045)	206,670,766
32	Functional Percentage (Ln 31/Total Ln 31)	0.00%	45.10%	54.90%	(0)	200,070,700
33	Functionalized Expense in WEST VIRGINA JURISDICTION	- 0.00 /6	959,927	1,168,661		2,128,588
33			555,527	.,.00,001		2,123,000
34	Total Other Jurisdictions: (Line 5 * Net Plant Allocator)		-			-
35	Total Func. Property Taxes (Sum Lns 33, 34)	_	959,927	1,168,661		2,128,588

#### AEP East Companies

### Cost of Service Formula Rate Using 2014 FF1 Balances Worksheet H-1 Form 1 Source Reference of Company Amounts on WS H WHEELING POWER COMPANY

(A) (D) (B) (C) **FERC FORM 1** Line **Total Annual Tax Expenses by Type (Note 1) FERC FORM 1 Reference** No. Company Tie-Back **Revenue Taxes Gross Receipts Tax** 5,278,062 P.263 In 28 (i) 5,278,062 **Real Estate and Personal Property Taxes** Real and Personal Property - West Virginia 2,128,588 P.263 In 17 (i) 958,174 1,166,910 P.263 In 18 (i) P.263 In 22 (i) 1,903 1,601 P.263 In 23 (i) Real and Personal Property - Ohio 5 Payroll Taxes 6 Federal Insurance Contribution (FICA) 188,610 188,610 P.263 In 4 (i) 1,633 Federal Unemployment Tax 8 1,633 P.263 In 5 (i) 6,597 State Unemployment Insurance P.263 In 29 (i) 6,597 **Production Taxes** 10 11 State Severance Taxes Miscellaneous Taxes 12 2,004,840 Muni Business & Occupation Tax 13 P.263 In 38 (i) 2,004,840 752,060 State Public Service Commission Fees 14 P.263 In 30 (i) 314,878 437,182 P.263 In 31 (i) (1,055)State Franchise Taxes 15 (1,137)P.263 In 15 (i) P.263 In 16 (i) 82 55 State Lic/Registration Fee 16 P.263 In 32 (i) 25 P.263 In 40 (i) 30 Misc. State and Local Tax 17 18 Sales & Use P.263 In 35 (i) Federal Excise Tax 19 Michigan Single Business Tax 20 10,359,390 Total Taxes by Allocable Basis 10,359,390 21 (Total Company Amount Ties to FFI p.114, Ln 14,(c))

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 of the Ferc Form 1.

#### **AEP East Companies**

### Cost of Service Formula Rate Using 2014 FF1 Balances Worksheet I Supporting Transmission Plant in Service Additions WHEELING POWER COMPANY

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)
			• •	, ,	, ,	• •		

### I. Calculation of Composite Depreciation Rate

1	Transmission Plant @ Beginning of Historic Period (2014) (P.206, In 58,(b)):	112,649,133
2	Transmission Plant @ End of Historic Period (2014) (P.207, In 58,(g)):	117,263,595
3		229,912,728
4	Average Balance of Transmission Investment	114,956,364
5	Annual Depreciation Expense, Historic TCOS, In 276	2,971,841
6	Composite Depreciation Rate	2.59%
7	Round to 2.59% to Reflect a Composite Life of 39 Years	2.59%

### II. Calculation of Property Placed in Service by Month and the Related Depreciation Expense

8	Month in Service	Capi	italized Balance	Composite Annual Depreciation Rate	Annual Depreciation	Mor	nthly Depreciation	No. Months Depreciation	First Year Depreciation Expense
9	January	\$	373,935	2.59%	\$ 9,685	\$	807	11	\$ 8,877
10	February	\$	407,570	2.59%	\$ 10,556	\$	880	10	\$ 8,800
11	March	\$	3,396,010	2.59%	\$ 87,957	\$	7,330	9	\$ 65,970
12	April	\$	417,885	2.59%	\$ 10,823	\$	902	8	\$ 7,216
13	May	\$	4,399,280	2.59%	\$ 113,941	\$	9,495	7	\$ 66,465
14	June	\$	2,685,193	2.59%	\$ 69,546	\$	5,796	6	\$ 34,776
15	July	\$	404,024	2.59%	\$ 10,464	\$	872	5	\$ 4,360
16	August	\$	387,495	2.59%	\$ 10,036	\$	836	4	\$ 3,344
17	September	\$	389,063	2.59%	\$ 10,077	\$	840	3	\$ 2,520
18	October	\$	389,502	2.59%	\$ 10,088	\$	841	2	\$ 1,682
19	November	\$	389,580	2.59%	\$ 10,090	\$	841	1	\$ 841
20	December	\$	389,533	2.59%	\$ 10,089	\$	841	0	\$ -
21	Investment	\$	14,029,070				De	preciation Expense	\$ 204,851

#### **III. Plant Transferred**

22	\$ -	<== This input area is for original cost plant
23	\$ -	<== This input area is for accumulated depreciation that may be associated with capital
		expenditures. It would have an impact if a company had assets transferred from a subsidiary.
24 (ln 7 * ln 22)	\$ _	<== This input area is for additional Depreciation Expense

#### IV. List of Major Projects Expected to be In-Service in 2015

	Estimated Cost		
		<u>(000's)</u>	Month in Service
25 Major Zonal Projects			
26 T/WV/Tidd-Collier 345kV Circui	\$	3,850	Jul-15
26 T/WP/George Washington Station	\$	3,099	Apr-15
27 Subtota	\$	6,948	
28 PJM Socialized/Beneficiary Allocated Regional Projects			
29 N/A		\$0	
30 Subtota		\$0	

### AEP East Companies Cost of Service Formula Rate Using 2014 FF1 Balances Worksheet J Supporting Calculation of PROJECTED PJM RTEP Project Revenue Requirement Billed to Benefiting Zones WHEELING POWER COMPANY

Page 1 of 3

Incentive Amounts

58,699 \$

SUMMARY OF PROJECTED ANNUAL RTEP REVENUE REQUIREMENTS

58,699

2015

PROJECTED YEAR

### 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 (Projected TCOS, In 164)

Project ROE Incentive Adder

ROE with additional basis point incentive

ROE with additional basis point incentive

11.49% <== ROE Including Incentives Cannot Exceed 12.74% Until July 1, 2012

Determine R (cost of long term debt, cost of preferred stock and equity percentage is from the Projected TCOS, Ins 162 through164)

Weighted cost

	<u>%</u>	Cost	<u>vveignted cost</u>
Long Term Debt	20.37%	5.25%	1.070%
Preferred Stock	0.00%	0.00%	0.000%
Common Stock	79.63%	11.49%	<u>9.149%</u>
		R =	10.219%

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

Rate Base (Projected TCOS, In 78)	83,748,110
R (from A. above)	10.219%
Return (Rate Base x R)	8,557,897

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

Return (from B. above)	8,557,897
Effective Tax Rate (Projected TCOS, In 126)	57.79%
Income Tax Calculation (Return x CIT)	4,945,199
ITC Adjustment	-
Income Taxes	4,945,199

### 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 (Projected TCOS, In 1)	19,172,194
T.E.A. & Lease Payments (Projected TCOS, Lns 105 & 106)	-
Return (Projected TCOS, In 134)	8,557,897
Income Taxes (Projected TCOS, In 133)	4,945,199
Annual Revenue Requirement, Less TEA Charges, Return and Taxes	5,669,099

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

Annual Revenue Requirement, Less TEA Charges, Return and Taxes	5,669,099
Return (from I.B. above)	8,557,897
Income Taxes (from I.C. above)	4,945,199
Annual Revenue Requirement, with Basis Point ROE increase	19,172,194
Depreciation (Projected TCOS, In 111)	2,971,841
Annual Rev. Req, w/ Basis Point ROE increase, less Depreciation	16,200,353

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

Net Transmission Plant (Projected TCOS, In 48)	92,016,064
Annual Revenue Requirement, with Basis Point ROE increase	19,172,194
FCR with Basis Point increase in ROE	20.84%
Annual Rev. Req, w / Basis Point ROE increase, less Dep.	16,200,353
FCR with Basis Point ROE increase, less Depreciation	17.61%
FCR less Depreciation (Projected TCOS, In 9)	<u>15.55%</u>
Incremental FCR with Basis Point ROE increase, less Depreciation	2.06%

### III. Calculation of Composite Depreciation Rate

Transmission Plant @ Beginning of Historic Period (2014) (P.206, In 58,(b)):	112,649,133
Transmission Plant @ End of Historic Period (2014) (P.207, In 58,(g)):	117,263,595
Subtotal	229,912,728
Average Transmission Plant Balance for 2014	114,956,364
Annual Depreciation Rate (Projected TCOS, In 111)	2,971,841
Composite Depreciation Rate	2.59%
Depreciable Life for Composite Depreciation Rate	38.68
Round to nearest whole year	39

Page 2 of 3

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

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

### A. Base Plan Facilities

Facilities receiving incentives accepted by FERC in Docket No.

(e.g. ER05-925-000)

Current Projected Year ARR

Current Projected Year ARR w/ Incentive

Current Projected Year Incentive ARR

Current Projected Year Incentive ARR

Details							1			
Investment	-	Current Year				2015	CUMULATIVE H	ISTORY OF PROJECTED ANNUAL R	REVENUE REQUIREM	MENTS:
Service Year (yyyy)		ROE increase accepted	d by FERC (Basis Poi	nts)				PROJECTED ANNUAL REVENUE R		
Service Month (1-12)	11	FCR w/o incentives, les	ss depreciation			15.55%		RR (WITH & WITHOUT INCENTIVES)		R YEAR
Useful life	39	FCR w/incentives appre	oved for these facilities	s, less dep.		15.55%	TEMPLATE BELOW TO	O MAINTAIN HISTORY OF PROJECT		
CIAC (Yes or No)	No	Annual Depreciation Ex	xpense	_		-	LIFE OF THE PROJEC	Т.		
							DTED Droingtod	DTED Projected		
							RTEP Projected Rev. Req't.From	RTEP Projected Rev. Req't.From		
Investment	Beginning	Depreciation	Ending	RTEP Rev. Req't.	RTEP Rev. Req't.	Incentive Rev.	Prior Year Template	Prior Year Template		
Year	Balance	Expense	Balance	w/o Incentives	with Incentives **	Requirement ##	w/o Incentives	with Incentives **		
2013	-	-	-	-	-	\$ -	\$ 349,494	\$ 349,494		
2014	-	-	-	-	-	\$ -	-	\$ -		
2015	-	-	-	-	-	\$ -		_		
2016	-	-	-	-	-	\$ -		_		
2017 2018	_	-	-		_	\$ - ¢ -		_		
2019	_	_	-	_	_	\$ -		_		
2020	_	-	-	_	_	\$ -		_		
2021	-	-	-	-	-	\$ -		_		
2022	-	-	-	-	-	\$ -		_		
2023	-	-	-	-	-	\$ -				
2024 2025	-	-	-		-	\$ - ¢ -		_		
2026		_	- -	_	_	\$ -		_		
2027	_	_	-	_	_	\$ -		_		
2028	-	-	-	-	-	\$ -		_		
2029	-	-	-	-	-	\$ -		_		
2030	-	-	-	-	-	-		_		
2031 2032	-	-	-	-	-	\$ - ¢		_		
2032	]	-	-		_	φ - \$ -		_		
2034	_	_	-	_	_	\$ -		_		
2035	-	-	-	-	-	\$ -		_		
2036	-	-	-	-	-	\$ -		_		
2037	-	-	-	-	-	-		_		
2038 2039		-	-			\$ - \$ -		_		
2040	_	_	- -	_	_	\$ -		_		
2041	-	-	-	-	-	\$ -		_		
2042	-	-	-	-	-	\$ -		_		
2043	-	-	-	-	-	\$ -		_		
2044	-	-	-	-	-	\$ -		_		
2045 2046		-	-	-	_	\$ - \$ -		_		
2047	_	_	-	_	_	\$ -		_		
2048	-	-	-	-	-	\$ -		_		
2049	-	-	-	-	-	\$ -		_		
2050	-	-	-	-	-	\$ -		_		
2051	-	-	-	-	-	<b>\$</b> -		_		
2052 2053	-	-	-		-	\$ - \$ -		_		
2054	_	_	-	_	_	\$ -		_		
2055	-	-	-	-	-	\$ -		_		
2056	-	-	-	-	-	\$ -		_		
2057	-	-	-	-	-	\$ -		_		
2058	-	-	-	-	-	-		_		
2059 2060	-	-	-	-	-	\$ - \$ -				
2061	]	-	-	-	-	\$ -				
2062	-	-	-	-	-	\$ -				
2063	-	-	-	-	-	\$ -				
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2067 2068	-	-	-	-	-	\$ - \$ -				
2069		-	-	]		\$ -				
2070						r c				

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

2070 2071 2072

Project Totals

## 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.

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

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

### A. Base Plan Facilities

Facilities receiving incentives accepted by FERC in Docket No.

(e.g. ER05-925-000)

Current Projected Year ARR

Current Projected Year ARR w/ Incentive

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

Current Projected Year ARR w/ Incentive

Current Projected Year Incentive ARR

Details									
Investment	340,288	Current Year	urrent Year						
Service Year (yyyy)	2013	ROE increase accepte	OE increase accepted by FERC (Basis Points)						
Service Month (1-12)	10	FCR w/o incentives, le	R w/o incentives, less depreciation						
Useful life	39	FCR w/incentives appr	CR w/incentives approved for these facilities, less dep.						
CIAC (Yes or No)	No	Annual Depreciation E	nual 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.

Page 3 of 3

							RTEP Projected	RTEP Projected	
Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	Rev. Req't.From Prior Year Template w/o Incentives	Rev. Req't.From Prior Year Template with Incentives **	
2013	340,288	1,454	338,834	54,141	54,141		\$ 44,166	\$ 44,166	
2014	338,834	8,725	330,108	60,055.46	60,055		\$ 33,234	\$ 33,234	
2015	330,108	8,725	321,383	58,699	58,699				
2016	321,383	8,725	312,658	57,342	57,342				
2017	312,658	8,725	303,932	55,985	55,985				
2018	303,932	8,725	295,207	54,628	54,628				
2019	295,207	8,725	286,482	53,272	53,272				
2020	286,482	8,725	277,756	51,915	51,915				
2021	277,756	8,725	269,031	50,558	50,558				
2022	269,031	8,725	260,306	49,202	49,202				
2023	260,306	8,725	251,580	47,845	47,845				
2024 2025	251,580 242,855	8,725 8,725	242,855 234,130	46,488 45,131	46,488 45,131				
2026	234,130	8,725	225,404	43,775	43,775				
2027	225,404	8,725	216,679						
2028	216,679	8,725	207,954	41,061	41,061				
2029	207,954	8,725	199,228	39,704	39,704				
2030	199,228	8,725	190,503	38,348	38,348				
2031	190,503	8,725	181,778	36,991	36,991				
2032	181,778	8,725	173,052	35,634	35,634				
2033	173,052	8,725	164,327	34,277	34,277	\$ -			
2034	164,327	8,725	155,602	32,921	32,921	\$ -			
2035	155,602	8,725	146,876	31,564	31,564				
2036	146,876	8,725	138,151	30,207	30,207				
2037	138,151	8,725	129,426	28,850	28,850				
2038	129,426		120,700		27,494	-			
2039	120,700	8,725	111,975		26,137				
2040	111,975	8,725	103,250	24,780	24,780				
2041	103,250	8,725	94,524	23,423	23,423				
2042 2043	94,524	8,725 8,725	85,799 77,074	22,067	22,067				
2044	85,799 77,074	8,725 8,725	68,348	20,710 19,353	20,710 19,353				
2045	68,348	8,725	59,623	17,996	17,996				
2046	59,623	8,725	50,898	16,640	16,640				
2047	50,898	8,725	42,172	15,283	15,283				
2048	42,172		33,447	13,926	13,926				
2049	33,447	8,725	24,722	12,569	12,569				
2050	24,722	8,725	15,996	11,213	11,213				
2051	15,996	8,725	7,271	9,856	9,856				
2052	7,271	7,271	-	7,271	7,271	\$ -			
2053	-	-	-	-	-	\$ -			
2054	-	-	-	-	-	-			
2055	-	-	-	-	-	\$ -			
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2065	-	-	-	-	-	\$ -			
2066	-	-	-	-	-	\$ -			
2067	-	-	-	-	-	\$ -			
2068	-	-	-	-	-	-			
2069	-	-	-	-	-	-			
2070	-	-	-	-	-	\$ -			
2071	-	-	-	-	-	\$ -			
2072 Project Totals	-	340 288		- 1 380 720	1 380 720	φ -			

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

Project Totals

## 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.

340,288

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.

1,389,729

1,389,729

### **AEP East Companies** Cost of Service Formula Rate Using 2014 FF1 Balances Worksheet K Supporting Calculation of TRUE-UP PJM RTEP Project Revenue Requirement Billed to Benefiting Zones WHEELING POWER COMPANY

Page 1 of 3

### 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 (True-l Project ROE Incentive Adde	. ,		11.49%  0 <==ROE Adder Cannot Exceed 100 Basis Points
ROE with additional 0 basis	point incentive		11.49% <== ROE Including Incentives Cannot Exceed 12.5% Until July 1, 2012
Determine R (cost of long	term debt, cost of	preferred stock and ed	quity percentage is from the True-Up TCOS, Ins 162 through164)
	<u>%</u>	Cost	Weighted cost
Long Term Debt	18.73%	5.25%	0.983%
Preferred Stock	0.00%	0.00%	0.000%
Common Stock	81.27%	11.49%	<u>9.338%</u>
		R =	= 10.321%

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

Rate Base (True-Up TCOS, In 78)	72,477,993
R (from A. above)	10.321%
Return (Rate Base x R)	7,480,641

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

Return (from B. above)	7,480,641
Effective Tax Rate (True-Up TCOS, In 126)	58.39%
Income Tax Calculation (Return x CIT)	4,368,128
ITC Adjustment	
Income Taxes	4,368,128

### 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 (True-Up TCOS, In 1)	17,315,430
T.E.A. & Lease Payments (True-Up TCOS, Lns 105 & 106)	-
Return (True-Up TCOS, In 134)	7,480,641
Income Taxes (True-Up TCOS, In 133)	4,368,128
Annual Revenue Requirement, Less TEA	5,466,661
Ohannaa Datum and Taura	

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

Annual Revenue Requirement, Less TEA Charges, Return and Taxes	5,466,661
Return (from I.B. above)	7,480,641
Income Taxes (from I.C. above)	4,368,128
Annual Revenue Requirement, with 0 Basis Point ROE increase	17,315,430
Depreciation (True-Up TCOS, In 111)	2,971,841
Annual Rev. Req, w/ 0 Basis Point ROE	14,343,589
increase, less Depreciation	

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

Net Transmission Plant (True-Up TCOS, In 48)	90,979,973
Annual Revenue Requirement, with 0 Basis Point ROE increase	17,315,430
FCR with 0 Basis Point increase in ROE	19.03%
Annual Rev. Req, w / 0 Basis Point ROE increase, less Dep.	14,343,589
FCR with 0 Basis Point ROE increase, less Depreciation	15.77%
FCR less Depreciation (True-Up TCOS, In 9)	<u>15.77%</u>
Incremental FCR with 0 Basis Point ROE	0.00%
increase, less Depreciation	

### III. Calculation of Composite Depreciation Rate

Transmission Plant @ Beginning of Historic Period () (P.206, In 58,(b)):	112,649,133
Transmission Plant @ End of Historic Period () (P.207, In 58,(g)):	117,263,595
Subtotal	229,912,728
Average Transmission Plant Balance for	114,956,364
Annual Depreciation Rate (True-Up TCOS, In 111)	2,971,841
Composite Depreciation Rate	2.59%
Depreciable Life for Composite Depreciation Rate	38.68
Round to nearest whole year	39

	Rev Require		W Incentives		Incentive Amou	nts	
TRUE-UP YEAR	2014						
As Projected ir	n Prior Year WS J	\$	33,234	\$	33,234	\$	-
Ac	tual after True-up	\$	51,761	\$	51,761	\$	-
True-up	of ARR For 2014		18,527		18,527		-

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

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

#### A. Base Plan Facilities

Details

Facilities receiving incentives accepted by FERC in Docket No. (e.g. ER05-925-000) 2014 Rev Require W Incentives Incentive Amounts Prior Yr Projected Prior Yr True-Up

2014

Project Description: RTEP ID: b1864.1 (Two additional 345/138 kV transformers at Kammer)

Current Year

True-Up Adjustment TRUE UP OF PROJECT REVENUE REQUIREMENT FOR PRIOR YEAR: CUMULATIVE HISTORY OF TRUED-UP ANNUAL REVENUE REQUIREMENTS:

RTEP Rev Req't

LIFE OF THE PROJECT.

RTEP Projected

Rev. Req't.From

INPUT TRUE-UP ARR (WITH & WITHOUT INCENTIVES) FROM EACH PRIOR YEAR TEMPLATE BELOW TO MAINTAIN HISTORY OF TRUED-UP ARRS OVER THE

RTEP Projected

Rev. Req't.From

Service Year (yyyy) Service Month (1-12) Useful life CIAC (Yes or No)	11 39	FCR w/o incentives, le	accepted by FERC (Basis Points) tives, less depreciation es approved for these facilities, less dep. iation Expense							
Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	Average Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##			
2013	-	-	-	-	-	-	\$ -			
2014	-	-	-	-	-	-	\$ -			
2015	-	-	-	-	-	-	\$ -			
2016	-	-	-	-	-	-	\$ -			
2017	-	-	-	-	-	-	\$ -			
2018	-	-	-	-	-	-	\$ -			
2019	-	-	-	-	-	-	\$ -			
2020	-	-	-	-	-	-	\$ -			
2021	-	-	-	-	-	-	\$ -			
2022	-	-	-	-	-	-	\$ -			
2023	-	-	-	-	-	-	\$ -			
2024	-	-	-	-	-	-	\$ -			
2025	-	-	-	-	-	-	\$ -			
2026	-	-	-	-	-	-	\$ -			
2027	-	-	-	-	-	-	\$ -			
2028	-	-	-	-	-	-	\$ -			
2029	-	-	-	-	-	-	\$ -			
2030	-	-	-	-	-	-	\$ -			
2031	-	-	-	-	-	-	\$ -			

e Rev. nent ##		Prior Year WS J w/o Incentives	True-up w/o Incentives	Prior Year WS J with Incentives **	True-up with Incentives **	Incentive with Incentives **
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2072 Project Totals

## 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.

WPCo WS K TRUE-UP RTEP RR Page 30 of 36

Page 2 of 3

RTEP Rev Req't

True-up of

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

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

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

#### A. Base Plan Facilities

Facilities receiving incentives accepted by FERC in Docket No.

(e.g. ER05-925-000)

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

2014	Rev Require		W Incentives	Incentive Amounts
Prior Yr Projected	;	33,234	33,234	-
Prior Yr True-Up		51,761	51,761	-
True-Up Adjustment	•	18,527	18,527	-

Details			
Investment	286,601	Current Year	2014
Service Year (yyyy)	2013	ROE increase accepted by FERC (Basis Points)	-
Service Month (1-12)	10	FCR w/o incentives, less depreciation	15.77%
Useful life	39	FCR w/incentives approved for these facilities, less dep.	15.77%
CIAC (Yes or No)	No	Annual Depreciation Expense	7,349

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

Page 3 of 3

CIAC (Yes or No)	No	Annual Depreciation Ex	xpense				7,349	LIFE OF THE P	ROJECT.			
								RTEP Projected		RTEP Projected		
								Rev. Req't.From	RTEP Rev Req't	Rev. Req't.From	RTEP Rev Req't	True-up of
Investment	Beginning	Depreciation	Ending	Average	RTEP Rev. Req't.	RTEP Rev. Req't.	Incentive Rev.	Prior Year WS J	True-up	Prior Year WS J	True-up	Incentive
Year	Balance	Expense	Balance	Balance	w/o Incentives	with Incentives **	Requirement ##	w/o Incentives	w/o Incentives	with Incentives **	with Incentives **	with Incentives **
2013	286,601	1,225	285,376	285,989	46,313	46,313	\$ -	\$ 44,166	\$ 2,147	\$ 44,166	\$ 2,147	\$ -
2014	285,376	7,349	278,027	281,702	51,761	51,761		\$ 33,234			\$ 18,527	
2015	278,027	7,349	270,679	274,353	50,602	50,602			\$ -	,	\$ -	\$ -
2016	270,679	7,349	263,330	267,004	49,444	49,444			\$ -		\$ -	\$ -
2017	263,330	7,349	255,981	259,656	48,285	48,285			\$ -		\$ -	\$ -
2018	255,981	7,349	248,632	252,307	47,127	47,127			\$ -		\$ -	\$ -
2019	248,632	7,349	241,284	244,958	45,968	45,968			φ \$ -		\$ -	\$ -
2020	241,284	7,349	233,935	237,609	44,809	44,809			ψ - <b>¢</b> -		- \$ -	φ •
2021	233,935	7,349	226,586	230,261	43,651	43,651	ф С		φ - ¢		-   <b>¢</b>	<del>-</del>
2022	226,586	7,349	219,238	222,912	42,492	42,492	φ - ¢		φ - ¢		φ - •	ф -
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2023	219,238	7,349	211,889	215,563	41,334	41,334			<b>-</b>		- -	<b>-</b>
2024	211,889	7,349	204,540	208,214	40,175	40,175			5 -		-	-
2025	204,540	7,349	197,191	200,866	39,017	39,017			5 -		5 -	5 -
2026	197,191	7,349	189,843	193,517	37,858	37,858			\$ -		-	\$ -
2027	189,843	7,349	182,494	186,168	36,699	36,699			\$ -		-	\$ -
2028	182,494	7,349	175,145	178,819	35,541	35,541			\$ -		-	\$ -
2029	175,145	7,349	167,796	171,471	34,382	34,382	\$ -		\$ -		\$ -	\$ -
2030	167,796	7,349	160,448	164,122	33,224	33,224	\$ -		\$ -		\$ -	\$ -
2031	160,448	7,349	153,099	156,773	32,065	32,065			\$ -		\$ -	\$ -
2032	153,099	7,349	145,750	149,424	30,906	30,906			\$ -		\$ -	\$ -
2033	145,750	7,349	138,401	142,076	29,748	29,748	\$ -		\$ -		\$ -	\$ -
2034	138,401	7,349	131,053	134,727	28,589	28,589	\$ -		\$ -		\$ -	\$ -
2035	131,053	7,349	123,704	127,378	27,431	27,431	\$ -		\$ -		\$ -	\$ -
2036	123,704	7,349	116,355	120,029	26,272	26,272			\$ -		\$ -	\$ -
2037	116,355	7,349	109,006	112,681	25,114	25,114			\$ -		\$ -	\$ -
2038	109,006	7,349	101,658	105,332	23,955	23,955			\$ -		\$ -	\$ -
2039	101,658	7,349	94,309	97,983	22,796	22,796			\$ -		\$ -	\$ -
2040	94,309	7,349	86,960	90,635	21,638	21,638			\$ -		\$ -	\$ -
2041	86,960	7,349	79,611	83,286	20,479	20,479			\$ -		\$ -	\$ -
2042	79,611	7,349	72,263	75,937	19,321	19,321			\$ -		\$ -	\$ -
2042	72,263	7,349	64,914	68,588	18,162	18,162			ψ <b>\$</b> -		\$ -	\$ -
2044	64,914	7,349	57,565	61,240	17,004	17,004			ψ - <b>¢</b> -		- <b>¢</b> _	ψ - •
2045	57,565	7,349	50,216	53,891	15,845	15,845			φ - ¢		- Φ	<del>-</del>
2046	50,216	7,349	42,868	46,542	14,686				ψ - ¢		- Φ	<del>-</del>
2047					13,528	14,686	ф -		ф -		φ - •	ф -
	42,868	7,349	35,519	39,193		13,528			ф -		ф -	ф -
2048	35,519	7,349	28,170	31,845	12,369	12,369			<b>5</b> -		- -	<del>-</del>
2049	28,170	7,349	20,821	24,496	11,211	11,211			<b>5</b> -		-	<del>-</del>
2050	20,821	7,349	13,473	17,147	10,052	10,052	\$ -		\$ -		-	5 -
2051	13,473	7,349	6,124	9,798	8,894	8,894	\$ -		\$ -		-	\$ -
2052	6,124	6,124	-	3,062	6,607	6,607	5 -		<b>5</b> -		-	\$ -
2053	-	-	-	-	-	-	<b>\$</b> -		<b>\$</b> -		-	-
2054	-	-	-	-	-	-	\$ -		\$ -		-	-
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2072	-	-	-	-	-	-	<b>&gt;</b> -		<b>&gt;</b> -		ъ -	ъ -

1,205,353

1,205,353

Project Totals

## 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.

286,601

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

## AEP East Companies Cost of Service Formula Rate Using 2014 FF1 Balances Worksheet L Supporting Projected Cost of Debt WHEELING POWER COMPANY

### Calculation of Projected Interest Expense Based on Outstanding Debt at Year End

Lina	(A)	(B)	(C)	(D)	(E)
<u>Line</u> <u>Number</u>	<u>Issuance</u>	Principle Outstanding	Interest Rate	Annual Expense (See Note S on Projected Template)	<u>Notes</u>
1	Long Term Debt (FF1.p. 256-257.h)				
2	Advances From Associated Co.	25,000,000	5.250%	1,312,500	
3					
4	Installment Purchase Contracts (FF1.p. 256-	-257.h. a)			
5	N/A for Wheeling Power Company				
6				-	
7				-	
8				-	
9 10					
11				_	
12				-	
13				-	
14				-	
15					
16				-	
17				-	
18				-	
19 20					
21					
22					
23				-	
24				-	
25 26				-	
20					
27	Issuance Discount, Premium, & Expenses:				
28	Auction Fees	FF1.p. 256 & 257.Lines Described as F	ees	•	
29 30	Allowable Hedge Amortization (See Ln 45 Belo Amort of Debt Discount and Expenses	w) FF1.p. 117.63.c			
31	Amort of Debt Premimums (Enter Negative)	FF1.p. 117.65.c		_	
	,	,			
32	Reacquired Debt:	FF4 - 447.04 -			
33 34	Amortization of Loss Amortization of Gain	FF1.p. 117.64.c FF1.p. 117.66.c		-	
34	Amortization of Gain	11 1.p. 117.00.c			
35	Total Interest on Long Term Debt	25,000,000	5.25%	1,312,500	
36	Preferred Stock (FF1.p. 250-251)	Preferred Shares Outstanding			
37	None	-	0.00%		
38				-	
39				-	
40	Dividends on Preferred Stock	- 1		-1	
	'				
41	Net Total Hedge Gains and Losses (WS M, Lr			-	
42 43	Total Projected Capital Structure Balance for 2 Financial Hedge Recovery Limit - Five Basis F			122,700,806 0.0005	
43	Limit of Recoverable Amount	onto or Total Dapital		61,350	
45	Recoverable Hedge Amortization (Lesser of	Ln 41 or Ln 44)		-	
	-	-			

### AEP East Companies Transmission Cost of Service Formula Rate WHEELING POWER COMPANY

### Worksheet M Supporting Calculation of Capital Structure and Weighted Average Cost of Capital Based on Average of Balances At 12/31/2013 & 12/31/2014

(A)	(B)	(C)	(D)	(E)
Line Develo	pment of Average Balance of Common Equity	Balances @ 12/31/2014	Balances @ 12/31/2013	Average
Develo	1 Proprietary Capital (112.16.c&d) 2 Less Preferred Stock (Ln 55 Below) 3 Less Account 216.1 (112.12.c&d) 4 Less Account 219.1 (112.15.c&d) 5 Average Balance of Common Equity	98,472,987 0 0 772,181 97,700,806 verage Outstanding Ba	120,225,152 0 0 972,206 119,252,946	109,349,070 - 0 872,193 108,476,876
	6 Bonds (112.18.c&d) 7 Less: Reacquired Bonds (112.19.c&d) 8 LT Advances from Assoc. Companies (112.20.c&d) 9 Senior Unsecured Notes (112.21.c&d) 10 Less: Fair Value Hedges (See Note on Ln 12 below) 11 Total Average Debt 12 NOTE: The balance of fair value hedges on outstanding debt included in the formula's capital structure. (Columnia)		25,000,000 0 25,000,000 25,000,000 excluded from the ba	25,000,000 0 25,000,000 25,000,000 alance of long term
	Annual Interest Expense for 2014 It Interest on Long Term Debt (256-257.33.i) Less: Total Hedge Gain/Expense Accumulated from p 256 Form 1 included in Ln 14 and shown in Ln 34 below. It Plus: Allowed Hedge Recovery From Ln 39 below. It Amort of Debt Discount & Expense (117.63.c) It Amort of Loss on Reacquired Debt (117.64.c) It Less: Amort of Premium on Debt (117.65.c) It Less: Amort of Gain on Reacquired Debt (117.66.c) It Total Interest Expense (Ln 14 + Ln 17 + Ln 18 - Ln 19 -			1,312,500 1,312,500
:	22 Average Cost of Debt for 2014 (Ln 21/Ln 11)			5.25%

#### CALCULATION OF RECOVERABLE HEDGE GAINS/LOSSES

23 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.

					Amortizatio	n Period
HEDGE AMOUNTS BY ISSUANCE (FROM p. 256-257 (i) of the FERC Form 1)	Total Hedge (Gain)/Loss for 2014	Less Excludable Amounts (See NOTE on Line 23)	Net Includable Hedge Amount	Remaining Unamortized Balance	Beginning	Ending
24 Senior Unsecured Notes	0	-	-			
25 Senior Unsecured Notes	0		-			
26 Senior Unsecured Notes	0		-			
27 Senior Unsecured Notes	0		-			
28 Senior Unsecured Notes	0		-			
29 Senior Unsecured Notes	0		-			
30 Senior Unsecured Notes	0		-			
31 Senior Unsecured Notes	0		-			
32 Senior Unsecured Notes	0		-			
33 Senior Unsecured Notes	0	-	-			
34 Total Hedge Amortization	-	-				
<ul> <li>35 Hedge Gain or Loss Prior to Application of Recovery Limit</li> <li>36 Total Average Capital Structure Balance for 2014 (True-UF</li> <li>37 Financial Hedge Recovery Limit - Five Basis Points of Tot</li> <li>38 Limit of Recoverable Amount</li> <li>39 Recoverable Hedge Amortization (Lesser of Ln 35 or Lr</li> </ul>	TCOS, Ln 165) al Capital		133,476,876 0.0005 66,738	ĺ		
elonment of Cost of Preferred Stock						

#### **Development of Cost of Preferred Stock**

Preferred Stock		Average
40 0% Series - 0 - Dividend Rate (p. 250-251. 7 & 10.a) 0.00%	0.00%	
41 0% Series - 0 - Par Value (p. 250-251. 8.c) \$	-	
42 0% Series - 0 - Shares O/S (p.250-251. 8 & 11.e)	-	
43 0% Series - 0 - Monetary Value (Ln 41 * Ln 42)	-	-
44 0% Series - 0 - Dividend Amount (Ln 40 * Ln 43)	-	-
45 0% Series Dividend Rate (p. 250-251.a)		
46 0% Series Par Value (p. 250-251.c)		
47 0% Series Shares O/S (p.250-251. e)		
48 0% Series Monetary Value (Ln 46 * Ln 47)	-	-
49 0% Series Dividend Amount (Ln 45 * Ln 48) -	-	-
50 0% Series Dividend Rate (p. 250-251.a)		
51 0% Series Par Value (p. 250-251.c)		
52 0% Series Shares O/S (p.250-251.e)		
53 0% Series Monetary Value (Ln 51 * Ln 52)	-	•
54 0% Series Dividend Amount (Ln 50 * Ln 53) -	-	•
55 Balance of Preferred Stock (Lns 43, 48, 53)	_	- Year End Total Agrees to FF1 p.112, Ln 3, col (c
56 Dividends on Preferred Stock (Lns 44, 49, 54)		- 10ai Elia 10tai Agroco to 11 1 p.112, Eli 0, coi (c
57 Average Cost of Preferred Stock (Ln 56/55) 0.00%	0.00%	

# AEP East Companies Cost of Service Formula Rate Using 2014 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 respectiviely. Sales will be funtionalized based on the description of that asset. Sales of transmission assets will be direct assigned; sales of general assets will be functionalized on labor. Sales of plant held for future use related to generation or distribution will not be included in the formula.

	(A)	(B)	(C) Function	(D)	(E)	(F)	(G) Functional	(H) Functionalized	(I) FERC
Line	Date	Property Description	(T) or (G) T = Transmissi G = General	<b>Basis</b> ion	Proceeds	(Gain) / Loss	Allocator	Proceeds (Gain) / Loss	Account
1			G = General			-	0.000%	-	
2						-	0.000%	-	
2							0.0000/		
3						-	0.000%	-	
4			l,	Net (Gain) or Lo	ss for 2014			-	

#### **AEP East Companies**

### Cost of Service Formula Rate Using 2014 FF1 Balances

### Worksheet O - Calculation of Postemployment Benefits Other than Pensions Expenses Allocable to Transmission Service WHEELING POWER COMPANY

Total AEP East Operating Company PBOP Settlement Amount

30,000,000

#### Allocation of PBOP Settlement Amount for 2014

Tatal	Campani	Amaiint
lotai	Company	Amount

Line# Company	Actual Expense (Including AEPSC Billed OPEB)	Ratio of Company Actual to Total	Allocation of PBOB Recovery Allowance	Labor Allocator for 2014	Actual Expense	Allowable Expense	One Year Functional Expense (Over)/Under
	(A) (Line 14)	(B)=(A)/Total (A)	(C )=(B) * 30000000	(D)	(E)=(A) * (D)	(F)=(C) * (D)	(G)=(E) - (F)
1 APCo	(13,980,707)	36.87%	11,060,258	7.080%	(989,797)	783,037	(1,772,834)
2							
3 I&M	(9,910,530)	26.13%	7,840,305	4.555%	(451,452)	357,148	(808,600)
4 KPCo	(3,026,000)	7.98%	2,393,895	7.063%	(213,739)	169,090	(382,829)
5 KNGP	(304,086)	0.80%	240,565	11.505%	(34,986)	27,677	(62,663)
6 OPCo	(10,311,857)	27.19%	8,157,799	18.192%	(1,875,953)	1,484,083	(3,360,036)
7 WPCo	(388,288)	1.02%	307,178	12.660%	(49,156)	38,888	(88,044)
8 Sum of Lines 1 to 7	(37,921,469)	-	30,000,000		(3,615,083)	2,859,923	(6,475,006)

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

	<u>APCo</u>	<u>I&amp;M</u>	<u>KPCo</u>	<u>KNGSPT</u>	<u>OPCo</u>	<u>WPCo</u>	AEP East Total
9 Direct Charged PBOP Expense per Actuarial Report	(13,415,837)	(10,057,152)	(3,040,335)	(285,159)	(9,435,001)	(361,523)	(36,595,007)
10 Additional PBOP Ledger Entries (from Company Records)	395,759	814,185	252,888	3,649	114,856	3,709	
11 Medicare Subsidy	-	-	-	-	-	-	-
12 Net Company Expense (Ln 9 + Ln 10 + Ln 11)	(13,020,078)	(9,242,967)	(2,787,447)	(281,510)	(9,320,145)	(357,814)	(35,009,962)
13 PBOP Expenses From AEP Service Corporation (from Company Records)	(960,629)	(667,563)	(238,553)	(22,576)	(991,712)	(30,474)	(2,911,507)
14 Company PBOP Expense (Ln 12 + Ln 13)	(13,980,707)	(9,910,530)	(3,026,000)	(304,086)	(10,311,857)	(388,288)	(37,921,469)

# AEP EAST COMPANIES PJM FORMULA RATE WORKSHEET P - TRANSMISSION DEPRECIATION RATES EFFECTIVE AS OF 1/1/2009 FOR SINGLE JURISDICTION COMPANIES WHEELING POWER COMPANY

	PLANT		
	ACCT.	RATES	
		Note 1	
TRANSMISSION PLANT			
Structures & Improvements	352.0	2.70%	
Station Equipment	353.0	2.70%	
Towers & Fixtures	354.0	2.70%	
Poles & Fixtures	355.0	2.70%	
Overhead Conductors	356.0	2.70%	
Underground Conduit	357.0	2.70%	
Underground Conductors	358.0	2.70%	
Trails & Roads	359.0	2.70%	

Note 1: Rates Approved in WV Public Service Commission Case No. PSC 90-243-E-42T.

#### **General Note:**

Per the terms of the settlement in this case, 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.