AEP East Companies Transmission Cost of Service Formula Rate Utilizing Historic Cost Data for 2014 and Projected Net Plant at Year-End 2015

KINGSPORT POWER COMPANY

Line No.						ansmission Amount
1	REVENUE REQUIREMENT (w/o incentives)	(In 138)	T 4.1	A II .		\$4,013,431
2	REVENUE CREDITS	(Note A) (Worksheet E)	Total 192,719	DA	1.00000	\$ 192,719
3	REVENUE REQUIREMENT For All Company Facilities	(In 1 less In 2)				\$ 3,820,712
	The Carrying Charge Calculations on lines 6 to 11 belo ssion Enhancement Charges. The total non-incentive r		_			
4	Revenue Requirement for PJM Schedule 12 Facilities (w/	o incentives) (Worksheet J)	-	DA	1.00000	\$ -
5 6 7	NET PLANT CARRYING CHARGE w/o intra-AEP charges Annual Rate Monthly Rate	s or credits or ROE incentives (Note B) ((ln 1 - ln 105 - ln 106)/((ln 48 + ln 49 + ln 50 + (ln 6 / 12)	In 51 + In 53) x 100))			21.60% 1.80%
8 9	NET PLANT CARRYING CHARGE ON LINE 6, w/o depr Annual Rate	eciation or ROE incentives (Note B) ((In 1 - In 105 - In 106 - In 111 - In 112) /((In 48	+ ln 49 + ln 50 + ln 51 + ln 53) x 100))			17.65%
10 11	NET PLANT CARRYING CHARGE ON LINE 9, w/o Return Annual Rate	rn, income taxes or ROE incentives (Note B) ((In 1 - In 105 - In 106 - In 111 - In 112- In 133 -	In 134) /((In 48 + In 49 + In 50 + In 51	+ ln 53) x 1	00))	7.06%
12	ADDITIONAL REVENUE REQUIREMENT for projects w/	incentive ROE's (Note B) (Worksheet J)				-
13		REVENUE REQUIREMENT FOR SCHED	ULE 1A CHARGES			
14 15 16	Total Load Dispatch & Scheduling (Account 561) Less: Load Dispatch - Scheduling, System Control and D Less: Load Dispatch - Reliability, Planning & Standards D	. ,				49,991 199 0
17	Total 561 Internally Developed Costs	(Line 14 - Line 15 - Line 16)				49,792

(5)

(4)

AEP East Companies Transmission Cost of Service Formula Rate Utilizing Historic Cost Data for 2014 and Projected Net Plant at Year-End 2015

KINGSPORT POWER COMPANY

(3)

(2)

(1)

	(1)	(2)	(3)	(4	+)	(5)
		Data Carraga				Total
		Data Sources				Total
	RATE BASE CALCULATION	(See "General Notes")	TO Total	Allo	<u>cator</u>	<u>Transmission</u>
Line			NOTE C			
No.	GROSS PLANT IN SERVICE					
18	Production	(Worksheet A In 1.C)	0	NA	0.00000	0
19	Less: Production ARO (Enter Negative)	(Worksheet A In 2.C)	0	NA	0.00000	0
20	Transmission	(Worksheet A In 3.C & Ln 142)	29,327,301	DA		29,327,301
21	Less: Transmission ARO (Enter Negative)	(Worksheet A In 4.C& Ln 143)	0	TP	1.00000	0
22	Plus: Transmission Plant-in-Service Additions (Worksh	,	1,183,228	DA	1.00000	1,183,228
23	Plus: Additional Trans Plant on Transferred Assets (W		1,100,220	DA	1.00000	0
24	Distribution	(Worksheet A In 5.C)	130,967,502	NA NA	0.00000	0
		,	130,907,302			0
25	Less: Distribution ARO (Enter Negative)	(Worksheet A In 6.C)	0 710 007	NA W/O	0.00000	044.040
26	General Plant	(Worksheet A In 7.C)	2,710,237	W/S	0.11505	311,818
27	Less: General Plant ARO (Enter Negative)	(Worksheet A In 8.C)	0	W/S	0.11505	0
28	Intangible Plant	(Worksheet A In 9.C)	1,957,505	W/S	0.11505	225,215
29	TOTAL GROSS PLANT	(sum lns 18 to 28)	166,145,773			31,047,561
30	ACCUMULATED DEPRECIATION AND AMORTIZATION	J				
31	Production	(Worksheet A In 12.C)	O	NA	0.00000	0
32	Less: Production ARO (Enter Negative)	(Worksheet A In 13.C)	0	NA	0.00000	0
		,	14 104 252			44 404 252
33	Transmission	(Worksheet A In 14.C & 28.C)	11,194,253	TP1=	1.00000	11,194,253
34	Less: Transmission ARO (Enter Negative)	(Worksheet A In 15.C)	0	TP1=	1.00000	0
35	Plus: Transmission Plant-in-Service Additions (Worksh		19,088	DA	1.00000	19,088
36	Plus: Additional Projected Deprec on Transferred Asse	ets (Worksheet I In. 24.D)	0	DA	1.00000	0
37	Plus: Additional Transmission Depreciation for 2015 (I	n 111)	714,417	TP1	1.00000	714,417
38	Plus: Additional General & Intangible Depreciation for	,	601,793	W/S	0.11505	69,237
39	Plus: Additional Accum Deprec on Transferred Assets		0	DA	1.00000	n
40	Distribution	(Worksheet A In 16.C)	50,324,033	NA	0.00000	0
		,	30,324,033	NA NA		0
41	Less: Distribution ARO (Enter Negative)	(Worksheet A In 17.C)	057.040		0.00000	00.004
42	General Plant	(Worksheet A In 18.C)	857,819	W/S	0.11505	98,694
43	Less: General Plant ARO (Enter Negative)	(Worksheet A In 19.C)	0	W/S	0.11505	0
44	Intangible Plant	(Worksheet A In 20.C)	1,360,305	W/S	0.11505	156,506
45	TOTAL ACCUMULATED DEPRECIATION	(sum Ins 31 to 44)	65,071,708			12,252,195
46	NET PLANT IN SERVICE					
47	Production	(ln 18 + ln 19 - ln 31 - ln 32)	0			0
48	Transmission	(ln 20 + ln 21 - ln 33 - ln 34)	18,133,048			18,133,048
49	Plus: Transmission Plant-in-Service Additions (In 22 -	,	1,164,140			1,164,140
	•	,	1,104,140			1,104,140
50	Plus: Additional Trans Plant on Transferred Assets (In	,	(74.4.44.7)			(74.4.447)
51	Plus: Additional Transmission Depreciation for 2015 (,	(714,417)			(714,417)
52	Plus: Additional General & Intangible Depreciation for 3	•	(601,793)			(69,237)
53	Plus: Additional Accum Deprec on Transferred Assets	, , , ,	0			0
54	Distribution	(ln 24 + ln 25 - ln 40 - ln 41)	80,643,469			0
55	General Plant	(In 26 + In 27 - In 42 - In 43)	1,852,418			213,124
56	Intangible Plant	(ln 28 - ln 44)	597,200			68,709
57	TOTAL NET PLANT IN SERVICE	(sum Ins 47 to 56)	101,074,065			18,795,367
O.		(54.11 11.15 11 15 55)	101,011,000			10,100,001
5 0	DEFENDED TAY AD ILICTMENTS TO DATE DAGE	(Note D)				
58	DEFERRED TAX ADJUSTMENTS TO RATE BASE	(Note D)		N I A		
59	Account No. 281.1 (enter negative)	(Worksheet B, In 2 & In 5.C)	0	NA		0
60	Account No. 282.1 (enter negative)	(Worksheet B, In 7 & In 10.C)	(20,357,471)	DA		(4,538,377)
61	Account No. 283.1 (enter negative)	(Worksheet B, In 12 & In 15.C)	(938,362)	DA		(51,671)
62	Account No. 190.1	(Worksheet B, In 17 & In 20.C)	(1,065,767)	DA		(92,603)
63	Account No. 255 (enter negative)	(Worksheet B, In 24 & In 25.C)	(3,883)	DA		(760)
64	TOTAL ADJUSTMENTS	(sum Ins 59 to 63)	(22,365,483)			(4,683,411)
0.	1017.27.2000 m.E.N.O	(545 55 15 55)	(==,000,100)			(1,000,111)
65	PLANT HELD FOR FUTURE USE	(Worksheet A In 29.C & In 30.C)	34,829	DA		0
03	PLAINT HELD FOR FUTURE USE	(Worksheet A III 29.C & III 30.C)	34,029	DA		U
00	DECLII ATODY ACCETO	(14/2-1-1-2-1-4-1-00-/0)	•	D.4		•
66	REGULATORY ASSETS	(Worksheet A In 36. (C))	0	DA		0
67	WORKING CAPITAL	(Note E)				
68	Cash Working Capital	(1/8 * In 88)	68,375			68,375
69	Transmission Materials & Supplies	(Worksheet C, In 2.(D))	148	TP	1.00000	148
70	A&G Materials & Supplies	(Worksheet C, In 3.(D))	922	W/S	0.11505	106
71	Stores Expense	(Worksheet C, In 4.(D))	0	GP(h)	0.18104	n
72	Prepayments (Account 165) - Labor Allocated	(Worksheet C, In 6.G)	5,225,761	W/S	0.10104	601,233
	,	,				·
73 74	Prepayments (Account 165) - Gross Plant	(Worksheet C, In 6.F)	146,958	GP(h)	0.18104	26,605
74	Prepayments (Account 165) - Transmission Only	(Worksheet C, In 6.E)	0	DA	1.00000	0
75	Prepayments (Account 165) - Unallocable	(Worksheet C, In 6.D)	(3,117,490)	NA	0.00000	0
76	TOTAL WORKING CAPITAL	(sum Ins 68 to 75)	2,324,674			696,467
77	IPP CONTRIBUTIONS FOR CONSTRUCTION	(Note F) (Worksheet D, In 7.B)	-	DA	1.00000	-
		, ,,				
78	RATE BASE (sum Ins 57, 64, 65, 66, 76, 77)		81,068,085			14,808,422
, 0	27.02 (34111110 07, 04, 00, 00, 70, 77)		31,000,000			11,000,722

AEP East Companies Transmission Cost of Service Formula Rate Utilizing Historic Cost Data for 2014 and Projected Net Plant at Year-End 2015

KINGSPORT POWER COMPANY

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Lina	EXPENSE, TAXES, RETURN & REVENUE REQUIREMENTS CALCULATION	Data Sources (See "General Notes")	TO Total	Allo	cator	Total <u>Transmission</u>
Line No.	OPERATION & MAINTENANCE EXPENSE					
79	Production	321.80.b	141,721,465			
80	Distribution	322.156.b	3,692,799			
81	Customer Related Expense	322.164,171,178.b	1,563,784			
82	Regional Marketing Expenses	322.131.b	-			
83	Transmission	321.112.b	596,987			
84	TOTAL O&M EXPENSES	(sum Ins 79 to 83)	147,575,035			
85	Less: Total Account 561	(Note G) (Worksheet F, In 14.C)	49,991			
86	Less: Account 565	(Note H) 321.96.b	-			
87	Less: State Regulatory Deferrals & Amortizations	(Note I) (Worksheet F, In 4.C)	-			
88	Total O&M Allocable to Transmission	(Ins 83 - 85 - 86 - 87)	546,996	TP	1.00000	546,996
		(3.5,555	•		0.0,000
89	Administrative and General	323.197.b (Note J)	1,907,672			
90	Less: Acct. 924, Property Insurance	323.185.b	189,747			
91	Acct. 9260039 PBOP Expense	PBOP Worksheet O Line 9 & 10, (Note K)	(281,510)			
92	Acct. 9260057 PBOP Medicare Subsidy	PBOP Worksheet O Line 11, (Note K)	-			
93	PBOP Expense Billed From AEPSC	PBOP Worksheet O Line 13, (Note K)	(22,576)			
94	Acct. 928, Reg. Com. Exp.	323.189.b	259			
95	Acct. 930.1, Gen. Advert. Exp.	323.191.b	3,918			
96	Acct. 930.2, Misc. Gen. Exp.	323.192.b	108,340			
97	Balance of A & G	(In 89 - sum In 90 to In 96)	1,909,494	W/S	0.11505	219,691
98	Plus: Acct. 924, Property Insurance	(ln 90)	189,747	GP(h)	0.18104	34,351
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 27.(E) (Note L)	-	TP	1.00000	-
101	Acct 930.2 - Misc Gen. Exp Trans	Worksheet F In 34.(E) (Note L)	33,501	DA	1.00000	33,501
102	Settlement Approved PBOP Recovery	PBOP Worksheet O, Col. C, Line 5, (Note M)	240,565	W/S	0.11505	27,677
103	A & G Subtotal	(sum lns 97 to 102)	2,373,307			315,220
		,	, ,			,
104	O & M EXPENSE SUBTOTAL	(ln 88 + ln 103)	2,920,303			862,217
105	Plus: TEA Settlement in Account 565	Company Records (Note H)	_,s_s,sss	DA	1.00000	-
106	Plus: Transmission Lease Payments To Affiliates in Acc	, ,	-	DA	1.00000	-
107	TOTAL O & M EXPENSE	(ln 104 + ln 105 + ln 106)	2,920,303			862,217
			,,			,
108	DEPRECIATION AND AMORTIZATION EXPENSE					
109	Production	336.2-6.f	-	NA	0.00000	-
110	Distribution	336.8.f	4,435,658	NA	0.00000	-
111	Transmission	336.7.f	714,417	TP1	1.00000	714,417
112	Plus: Transmission Plant-in-Service Additions (Workshe	eet I In 21.I)	19,088	DA	1.00000	19,088
113	General	336.10.f	87,049	W/S	0.11505	10,015
114	Intangible	336.1.f	514,744	W/S	0.11505	59,222
115	TOTAL DEPRECIATION AND AMORTIZATION	(Lns 109+110+111	5,770,956			802,742
		+112+113+114)				
116	TAXES OTHER THAN INCOME	(Note N)				
117	Labor Related					
118	Payroll	Worksheet H In 21.(D)	170,681	W/S	0.11505	19,637
119	Plant Related					
120	Property	Worksheet H In 21.(C) & In 35.(C)	1,165,280	DA		213,918
121	Gross Receipts/Sales & Use	Worksheet H In 21.(F)	3,974,444	NA	0.00000	-
122	Other	Worksheet H In 21.(E)	807,370_	GP(h)	0.18104	146,164
123	TOTAL OTHER TAXES	(sum lns 118 to 122)	6,117,775			379,719
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)) =		51.57%			
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	(ln 126 * ln 134)	3,667,009			669,840
132	ITC adjustment	(ln 129 * ln 130)	<u>-</u>	NP(h)	0.18192	
133	TOTAL INCOME TAXES	(sum lns 131 to 132)	3,667,009			669,840
134	RETURN ON RATE BASE (Rate Base * WACC)	(ln 78 * ln 165)	7,110,845			1,298,913
				_		
135	INTEREST ON IPP CONTRIBUTION FOR CONST. (Note	F) (Worksheet D, In 2.(B))	-	DA	1.00000	-
136	(Gains) / Losses on Sales of Plant Held for Future Use (We	orksheet N, In 4, Cols. ((F) & (H))	-			-
	T	-				
137	Tax Impact on (Gains) / Losses on Sales of Plant Held for	Future Use (In 136 * In126)	-			-
400	TOTAL DEVENUE DECUMPANTE		05.500.000			1010 101
138	TOTAL REVENUE REQUIREMENT		25,586,888			4,013,431
	(sum lns 107, 115, 123, 133, 134, 135, 136, 137)					

AEP East Companies Transmission Cost of Service Formula Rate Utilizing Historic Cost Data for 2014 and Projected Net Plant at Year-End 2015

KINGSPORT 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 Servi Transmission plant included in PJM Tariff) (Note Q)					29,327,301 - - - 29,327,301
143	Percent of transmission plant in PJM Tariff	(In 142 / In 139)					TP	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 lns 145 to 149)	Direct Payroll 0 126,598 0 1,579,827 402,474 2,108,899	Payroll Billed from AEP Service Corp. 0 234,122 0 277,588 514,674 1,026,384	Total - 360,720 - 1,857,415 917,148 3,135,283	NA TP NA NA NA	0.00000 1.00000 0.00000 0.00000	360,720 - - - - 360,720
151	Transmission related amount						W/S=	0.11505
152 153 154 155 156	WEIGHTED AVERAGE COST OF CAPITAL (WACC) Long Term Interest Preferred Dividends Development of Common Stock: Proprietary Capital	(Worksheet L, In. 35, col. (D)) (Worksheet L, In. 40, col. (D)) (FF1 p 112, Ln 16.c)						\$ 904,000 - 31,277,290
157 158 159 160	Less: Preferred Stock Less: Account 216.1 Less: Account 219 Common Stock	(FF1 p 112, Ln 3.c) (FF1 p 112, Ln 12.c) (FF1 p 112, Ln 15.c) (In 156 - In 157 - In 158 - In 159))				-	31,277,290
161 162 163 164 165	Long Term Debt (Note T) Worksheet L, In 35, col. (B)) Preferred Stock (In 157) Common Stock (In 160) Total (Sum Ins 162 to 164)			\$ 20,000,000 - 31,277,290 51,277,290	% 39.00% 0.00% 61.00%		Cost (Note S) 0.0452 - 11.49% WACC=	Weighted 0.0176 0.0000 0.0701 0.0877

AEP East Companies

Transmission Cost of Service Formula Rate
Utilizing Historic Cost Data for 2014 and Projected Net Plant at Year-End 2015

KINGSPORT POWER COMPANY

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

- E 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 KINGSPORT POWER COMPANY general ledger.
- I 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.
- K 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.
- 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.

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. 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.

KINGSPORT POWER COMPANY

Line No. 166	REVENUE REQUIREMENT (w/o incentives)	(In 303)	Takal		Alla a a ta m	ansmission Amount \$3,943,758
167	REVENUE CREDITS	(Note A) (Worksheet E)	Total 192,719	DA	Allocator 1.00000	\$ 192,719
168	REVENUE REQUIREMENT For All Company Facilities	(In 166 less In 167)				\$ 3,751,039
Transmi	The Carrying Charge Calculations on lines 171 to 176 be ssion Enhancement Charges. The total non-incentive re	<u> </u>	<u> </u>			
169	Not applicable on this template					
170 171 172	NET PLANT CARRYING CHARGE w/o intra-AEP charges Annual Rate Monthly Rate	or credits or ROE incentives (Note B) ((In 166 - In 270 - In 271)/ In 213 x 100) (In 171 / 12)				21.75% 1.81%
173 174	NET PLANT CARRYING CHARGE ON LINE 171, w/o dep Annual Rate	reciation or ROE incentives (Note B) ((In 166 - In 270 - In 271 - In 276) / In 213 x 100)				17.81%
175 176	NET PLANT CARRYING CHARGE ON LINE 174, w/o Retu Annual Rate	urn, income taxes or ROE incentives (Note B) ((In 166 - In 270 - In 271 - In 276 - In 298 - In 299) / In 2	13 x 100)			7.23%
177	Not applicable on this template					
178		REVENUE REQUIREMENT FOR SCHEI	DULE 1A CHARGES			
179 180 181	Total Load Dispatch & Scheduling (Account 561) Less: Load Dispatch - Scheduling, System Control and Dis Less: Load Dispatch - Reliability, Planning & Standards De					49,991 199 0
182	Total 561 Internally Developed Costs	(Line 179 - Line 180 - Line 181)				 49,792

KINGSPORT POWER COMPANY

	(1)	(2)	(3)	(4))	(5)
	RATE BASE CALCULATION	Data Sources (See "General Notes")	<u>TO Total</u>	Alloc	ator_	Total <u>Transmission</u>
Line	GROSS PLANT IN SERVICE		NOTE C			
No. 183	Production	(Worksheet A In 1.C)	_	NA	0.00000	_
184	Less: Production ARO (Enter Negative)	(Worksheet A In 2.C)	-	NA	0.00000	-
185	Transmission	(Worksheet A In 3.C & Ln 307)	29,327,301	DA		29,327,301
186	Less: Transmission ARO (Enter Negative)	(Worksheet A In 4.C& Ln 308)	-	TP	1.00000	-
187	Plus: Transmission Plant-in-Service Additions (Work	,	N/A	NA	0.00000	N/A
188 189	Plus: Additional Trans Plant on Transferred Assets (\ Distribution	(Worksheet A In 5.C)	N/A 130,967,502	NA NA	0.00000 0.00000	N/A
190	Less: Distribution ARO (Enter Negative)	(Worksheet A In 6.C)	-	NA NA	0.00000	- -
191	General Plant	(Worksheet A In 7.C)	2,710,237	W/S	0.11505	311,818
192	Less: General Plant ARO (Enter Negative)	(Worksheet A In 8.C)	-	W/S	0.11505	-
193	Intangible Plant	(Worksheet A In 9.C)	1,957,505	W/S	0.11505	225,215
194	TOTAL GROSS PLANT	(sum Ins 183 to 193)	164,962,545	GP(h)= GTD=	0.181037 0.18296	29,864,333
195	ACCUMULATED DEPRECIATION AND AMORTIZATION	ON		GID=	0.10290	
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)	11,194,253	TP1=	1.00000	11,194,253
199	Less: Transmission ARO (Enter Negative)	(Worksheet A In 15.C)	- N/A	TP1=	1.00000	- N/A
200 201	Plus: Transmission Plant-in-Service Additions (Work Plus: Additional Projected Deprec on Transferred As	,	N/A N/A	DA DA	1.00000 1.00000	N/A N/A
202	Plus: Additional Transmission Depreciation for 2015		N/A	TP1	1.00000	N/A
203	Plus: Additional General & Intangible Depreciation fo		N/A	W/S	0.11505	N/A
204	Plus: Additional Accum Deprec on Transferred Asset	· · · · · · · · · · · · · · · · · · ·	N/A	DA	1.00000	N/A
205	Distribution	(Worksheet A In 16.C)	50,324,033	NA	0.00000	-
206	Less: Distribution ARO (Enter Negative)	(Worksheet A In 17.C)	-	NA W/C	0.00000	-
207 208	General Plant Less: General Plant ARO (Enter Negative)	(Worksheet A In 18.C) (Worksheet A In 19.C)	857,819	W/S W/S	0.11505 0.11505	98,694
209	Intangible Plant	(Worksheet A In 19.0)	1,360,305	W/S W/S	0.11505	156,506
210	TOTAL ACCUMULATED DEPRECIATION	(sum Ins 196 to 209)	63,736,410			11,449,452
211	NET PLANT IN SERVICE					
212	Production	(In 183 + In 184 - In 196 - In 197)	-			-
213	Transmission	(In 185 + In 186 - In 198 - In 199)	18,133,048			18,133,048
214	Plus: Transmission Plant-in-Service Additions (In 187		N/A			N/A
215 216	Plus: Additional Trans Plant on Transferred Assets (Plus: Additional Transmission Depreciation for 2015	•	N/A N/A			N/A N/A
217	Plus: Additional General & Intangible Depreciation for	` ,	N/A			N/A
218	Plus: Additional Accum Deprec on Transferred Asset		N/A			N/A
219	Distribution	(In 189 + În 190 - În 205 - In 206)	80,643,469			-
220	General Plant	(ln 191 + ln 192 - ln 207 - ln 208)	1,852,418			213,124
221	Intangible Plant	(In 193 - In 209)	597,200	ND/L)	0.404040	68,709
222	TOTAL NET PLANT IN SERVICE	(sum Ins 212 to 221)	101,226,135	NP(h)=	0.181918	18,414,881
223	DEFERRED TAX ADJUSTMENTS TO RATE BASE	(Note D)				
223 224	Account No. 281.1 (enter negative)	(Note D) (Worksheet B, In 2 & In 5.C)	-	NA		-
225	Account No. 282.1 (enter negative)	(Worksheet B, In 7 & In 10.C)	(20,357,471)	DA		(4,538,377)
226	Account No. 283.1 (enter negative)	(Worksheet B, In 12 & In 15.C)	(938,362)	DA		(51,671)
227	Account No. 190.1	(Worksheet B, In 17 & In 20.C)	(1,065,767)	DA		(92,603)
228 229	Account No. 255 (enter negative) TOTAL ADJUSTMENTS	(Worksheet B, In 24 & In 25.C) (sum Ins 224 to 228)	(3,883) (22,365,483)	DA		(760) (4,683,411)
		,				(4,000,411)
230	PLANT HELD FOR FUTURE USE	(Worksheet A In 29.C & In 30.C)	34,829	DA		-
231	REGULATORY ASSETS	(Worksheet A In 36. (C))	-	DA		-
232	WORKING CAPITAL	(Note E)				
233	Cash Working Capital	(1/8 * In 253)	68,375			68,375
234	Transmission Materials & Supplies	(Worksheet C, In 2.(D))	148	TP	1.00000	148
235 236	A&G Materials & Supplies Stores Expense	(Worksheet C, In 3.(D)) (Worksheet C, In 4.(D))	922	W/S GP(h)	0.11505 0.18104	106
237	Prepayments (Account 165) - Labor Allocated	(Worksheet C, In 4.(D)) (Worksheet C, In 6.G)	5,225,761	W/S	0.11505	601,233
238	Prepayments (Account 165) - Gross Plant	(Worksheet C, In 6.F)	146,958	GP(h)	0.18104	26,605
239	Prepayments (Account 165) - Transmission Only	(Worksheet C, In 6.E)	-	DA	1.00000	-
240	Prepayments (Account 165) - Unallocable	(Worksheet C, In 6.D)	(3,117,490)	NA	0.00000	606 407
241	TOTAL WORKING CAPITAL	(sum Ins 233 to 240)	2,324,674			696,467

(Note F) (Worksheet D, In 7.B)

IPP CONTRIBUTIONS FOR CONSTRUCTION

RATE BASE (sum Ins 222, 229, 230, 231, 241, 242)

242

243

DA

81,220,155

1.00000

14,427,937

KINGSPORT POWER COMPANY

(1) (2) (3)

Line	EXPENSE, TAXES, RETURN & REVENUE REQUIREMENTS CALCULATION	Data Sources (See "General Notes")	TO Total	Alloc	<u>ator</u>	Total <u>Transmission</u>
No. 244 245 246 247 248 249 250 251 252 253	OPERATION & MAINTENANCE EXPENSE Production Distribution Customer Related Expense Regional Marketing Expenses Transmission TOTAL O&M EXPENSES Less: Total Account 561 Less: Account 565 Less: Regulatory Deferrals & Amortizations Total O&M Allocable to Transmission	321.80.b 322.156.b 322 & 323.164,171,178.b 322.131.b 321.112.b (sum Ins 244 to 248) (Note G) (Worksheet F, In 14.C) (Note H) 321.96.b (Note I) (Worksheet F, In 4.C) (Ins 248 - 250 - 251 - 252)	141,721,465 3,692,799 1,563,784 - 596,987 147,575,035 49,991 - - 546,996	TP	1.00000	546,996
254 255 256 257 258 259 260 261	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. Acct. 930.2, Misc. Gen. 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 323.192.b	1,907,672 189,747 (281,510) - (22,576) 259 3,918 108,340			
262 263 264 265 266 267	Balance of A & G Plus: Acct. 924, Property Insurance Acct. 928 - Transmission Specific Acct 930.1 - Only safety related ads -Direct Acct 930.2 - Misc Gen. Exp Trans Settlement Approved PBOP Recovery	(In 254 - sum In 255 to In 261) (In 255) Worksheet F In 18.(E) (Note L) Worksheet F In 27.(E) (Note L) Worksheet F In 34.(E) (Note L) PBOP Worksheet O, Col. C, Line 5, (Note M)	1,909,494 189,747 - - 33,501 240,565	W/S GP(h) TP TP DA W/S	0.11505 0.18104 1.00000 1.00000 1.00000 0.11505	219,691 34,351 - - 33,501 27,677
268 269 270 271 272	A & G Subtotal O & M EXPENSE SUBTOTAL Plus: TEA Settlement in Account 565 Plus: Transmission Lease Payments To Affiliates in Acct TOTAL O & M EXPENSE	(sum Ins 262 to 267) (In 253 + In 268) Company Records (Note H) : 565 (Company Records) (Note H) (In 269 + In 270 + In 271)	2,373,307 2,920,303 - - 2,920,303	DA DA	1.00000 1.00000	315,220 862,217 - - 862,217
273 274 275 276 277	DEPRECIATION AND AMORTIZATION EXPENSE Production Distribution Transmission Plus: Transmission Plant-in-Service Additions (Workshee	,	- 4,435,658 714,417 N/A	NA NA TP1	0.00000 0.00000 1.00000	- - 714,417 N/A
278 279 280	General Intangible TOTAL DEPRECIATION AND AMORTIZATION	336.10.f 336.1.f (Ln 274+275+ 276+277+278+279)	87,049 514,744 5,751,868	W/S W/S	0.11505 0.11505	10,015 59,222 783,654
281 282 283 284	TAXES OTHER THAN INCOME Labor Related Payroll Plant Related	(Note N) Worksheet H In 21.(D)	170,681	W/S	0.11505	19,637
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)	1,165,280 3,974,444 807,370 6,117,775	DA NA GP(h)	0.00000 0.18104	213,918 - 146,164 379,719
289 290 291 292 293	INCOME TAXES T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} = 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.	(Note O)	39.23% 51.57%			
294 295	GRCF=1 / (1 - T) = (from In 290) Amortized Investment Tax Credit (enter negative)	(FF1 p.114, ln 19.c)	1.6454			
296 297 298	Income Tax Calculation ITC adjustment TOTAL INCOME TAXES	(In 291 * In 299) (In 294 * In 295) (sum Ins 296 to 297)	3,673,888	NP(h)	0.18192	652,629 - 652,629
299	RETURN ON RATE BASE (Rate Base*WACC)	(In 243 * In 330)	7,124,183			1,265,539
300	(Gains) / Lossos on Salos of Plant Hold for Future Use (Wo		-	DA	1.00000	-
301 302	(Gains) / Losses on Sales of Plant Held for Future Use (Wo Tax Impact on Net Loss / (Gain) on Sales of Plant Held for	. , , , ,	-			- -
303	TOTAL REVENUE REQUIREMENT (sum Ins 272, 280, 288, 298, 299, 300, 301, 302)		25,588,017			3,943,758

KINGSPORT POWER COMPANY

SUPPORTING CALCULATIONS

ln								
No.	TRANSMISSION PLANT INCLUDED IN PJM TARIFF							
304	Total transmission plant	(In 185)						29,327,301
305	Less transmission plant excluded from PJM Tariff (Note	P) .						
306	Less transmission plant included in OATT Ancillary Service	ces (Worksheet A, In 23, Col. (C)) (Note Q)					-
307	Transmission plant included in PJM Tariff	(In 304 - In 305 - In 306)					_	29,327,301
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	126,598	234,122	360,720	TP	1.00000	360,720
312	Regional Market Expenses	354.22.b	0	0	-	NA	0.0000	· -
313	Distribution	354.23.b	1,579,827	277,588	1,857,415	NA	0.0000	-
314	Other (Excludes A&G)	354.24,25,26.b	402,474	514,674	917,148	NA	0.0000	-
315	Total	(sum Ins 310 to 314)	2,108,899	1,026,384	3,135,283		_	360,720
316	Transmission related amount						W/S=	0.11505
317	WEIGHTED AVERAGE COST OF CAPITAL (WACC)							\$
318	Long Term Interest	(Worksheet L, In. 35, col. (D))						904,000
319	Preferred Dividends	(Worksheet L, In. 40, col. (D))						-
320	Development of Common Stock:	(*************************************						
321	Proprietary Capital	(FF1 p 112, Ln 16.c)						31,277,290
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)						_
325	Common Stock	(ln 321 - ln 322 - ln 323 - ln 32	24)				_	31,277,290
		(/				Cost	- 1,-11,-11
326				\$	%		(Note S)	Weighted
327	Long Term Debt (Note T) Worksheet L, In 35, col. (B))		-	20,000,000	39.00%	•	0.0452	0.0176
328	Preferred Stock (In 322)			-	0.00%		-	0.0000
329	Common Stock (In 325)			31,277,290	61.00%		11.49%	0.0701
330	Total (Sum Ins 327 to 329)		-	51,277,290			WACC=	0.0877
	,							

KINGSPORT POWER COMPANY

<u>Letter</u> <u>Notes</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 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.
- E 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 KINGSPORT POWER COMPANY general ledger.
- I 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.
- 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.
- O The currently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and p = the percentage of federal income tax deductible for state income taxes. See Worksheet G for the development of the Company's composite SIT.

 A utility that elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f)

(In 295) multiplied by (1/1-T) . If the applicable tax rates are zero enter 0.

Inputs Required:

SIT=

SIT=

P = 10.00%

(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.

KINGSPORT POWER COMPANY

Line No.						ansmission Amount
1	REVENUE REQUIREMENT (w/o incentives)	(In 138)	Total		Allocator	\$3,833,004
2	REVENUE CREDITS	(Note A) (Worksheet E)	192,719	DA	1.00000	\$ 192,719
3	REVENUE REQUIREMENT For All Company Facilities	(In 1 less In 2)				\$ 3,640,286
	The Carrying Charge Calculations on lines 6 to 11 belous in the second smission Enhancement Charges. The total non-incention in the second second in the second sec	— — — — — — — — — — — — — — — — — — —	-			
4	Revenue Requirement for PJM Schedule 12 Facilities (w	/o incentives) (Worksheet K)	-	DA	1.00000	\$ -
5 6 7	NET PLANT CARRYING CHARGE w/o intra-AEP charges Annual Rate Monthly Rate	s or credits or ROE incentives (Note B) ((In 1 - In 105 - In 106)/ In 48 x 100) (In 6 / 12)				22.20% 1.85%
8 9	NET PLANT CARRYING CHARGE ON LINE 6, w/o depre	eciation or ROE incentives (Note B) ((In 1 - In 105 - In 106 - In 111) / In 48 x 100)				18.06%
10 11	NET PLANT CARRYING CHARGE ON LINE 9, w/o Returnation Annual Rate	rn, income taxes or ROE incentives (Note B) ((In 1 - In 105 - In 106 - In 111 - In 133 - In 13	34) / In 48 x 100)			7.58%
12	ADDITIONAL REVENUE REQUIREMENT for projects w/	incentive ROE's (Note B) (Worksheet K)				-
13		REVENUE REQUIREMENT FOR SCI	HEDULE 1A CHARGES			
14 15 16	Total Load Dispatch & Scheduling (Account 561) Less: Load Dispatch - Scheduling, System Control and D Less: Load Dispatch - Reliability, Planning & Standards D	·				49,991 199 -
17	Total 561 Internally Developed Costs	(Line 14 - Line 15 - Line 16)				49,792

KINGSPORT POWER COMPANY

	(1)	(2)	(3)		(4)	(5)
	RATE BASE CALCULATION	Data Sources (See "General Notes")	TO Total	Allo	ocator	Total Transmission
Line		<u>, , , , , , , , , , , , , , , , , , , </u>	NOTE C			<u></u>
No. 18	GROSS PLANT IN SERVICE Production	(Worksheet A In 1.E)	_	NA	0.00000	-
19	Less: Production ARO (Enter Negative)	(Worksheet A In 2.E)	-	NA	0.00000	-
20	Transmission	(Worksheet A In 3.C & Ln 142)	28,248,816	DA		28,248,816
21	Less: Transmission ARO (Enter Negative)	(Worksheet A In 4.C& Ln 143)	-	TP	1.00000	-
22	Plus: Transmission Plant-in-Service Additions (Work		N/A	NA	0.00000	N/A
23 24	Plus: Additional Trans Plant on Transferred Assets (Distribution	(Worksheet A In 5.E)	N/A 127,877,174	NA NA	0.00000 0.00000	N/A
2 4 25	Less: Distribution ARO (Enter Negative)	(Worksheet A In 6.E)	127,077,174	NA NA	0.00000	- -
26	General Plant	(Worksheet A In 7.E)	2,692,566	W/S	0.11505	309,785
27	Less: General Plant ARO (Enter Negative)	(Worksheet A In 8.E)	, , , , , , , , , , , , , , , , , , ,	W/S	0.11505	, -
28	Intangible Plant	(Worksheet A In 9.E)	1,277,898	W/S	0.11505	147,024
29	TOTAL GROSS PLANT	(sum Ins 18 to 28)	160,096,453	GP(h)= GTD=	0.17930 0.00000	28,705,625
30	ACCUMULATED DEPRECIATION AND AMORTIZATION	N		010-	0.00000	
31	Production	(Worksheet A In 12.E)	-	NA	0.00000	-
32	Less: Production ARO (Enter Negative)	(Worksheet A In 13.E)	<u>-</u>	NA 	0.00000	-
33	Transmission	(Worksheet A In 14.E & 28.E)	10,985,000	TP1=	1.00000	10,985,000
34 35	Less: Transmission ARO (Enter Negative) Plus: Transmission Plant-in-Service Additions (Work	(Worksheet A In 15.E)	N/A	TP1= DA	1.00000 1.00000	N/A
36	Plus: Additional Projected Deprec on Transferred As	•	N/A N/A	DA	1.00000	N/A N/A
37	Plus: Additional Transmission Depreciation for 2015	· ·	N/A	TP1	1.00000	N/A
38	Plus: Additional General & Intangible Depreciation for	•	N/A	W/S	0.11505	N/A
39	Plus: Additional Accum Deprec on Transferred Asse	,	N/A	DA	1.00000	N/A
40	Distribution	(Worksheet A In 16.E)	48,889,346	NA	0.00000	-
41	Less: Distribution ARO (Enter Negative)	(Worksheet A In 17.E)	-	NA W (S	0.00000	-
42 43	General Plant Less: General Plant ARO (Enter Negative)	(Worksheet A In 18.E) (Worksheet A In 19.E)	823,169	W/S W/S	0.11505 0.11505	94,707
43 44	Intangible Plant	(Worksheet A In 19.E)	1,088,164	W/S	0.11505	- 125,195
45	TOTAL ACCUMULATED DEPRECIATION	(sum Ins 31 to 44)	61,785,679	, 6	• • • • • • • • • • • • • • • • • • • •	11,204,902
46	NET PLANT IN SERVICE					
40 47	Production	(ln 18 + ln 19 - ln 31 - ln 32)	_			-
48	Transmission	(In 20 + In 21 - In 33 - In 34)	17,263,816			17,263,816
49	Plus: Transmission Plant-in-Service Additions (In 22	,	N/A			N/A
50	Plus: Additional Trans Plant on Transferred Assets		N/A			N/A
51	Plus: Additional Transmission Depreciation for 2015		N/A			N/A
52 53	Plus: Additional General & Intangible Depreciation for	· ·	N/A N/A			N/A
53 54	Plus: Additional Accum Deprec on Transferred Asse Distribution	(ln 24 + ln 25 - ln 40 - ln 41)	78,987,828			N/A
55	General Plant	(ln 26 + ln 27 - ln 42 - ln 43)	1,869,397			215,078
56	Intangible Plant	(ln 28 - ln 44)	189,734			21,829
57	TOTAL NET PLANT IN SERVICE	(sum Ins 47 to 56)	98,310,775	NP(h)=	0.17801	17,500,723
58	DEFERRED TAX ADJUSTMENTS TO RATE BASE	(Note D)				
59	Account No. 281.1 (enter negative)	(Worksheet B, In 2 & In 5.E)	(40,000,740)	NA DA		- (4.404.040)
60 61	Account No. 282.1 (enter negative) Account No. 283.1 (enter negative)	(Worksheet B, In 7 & In 10.E) (Worksheet B, In 12 & In 15.E)	(19,808,716) (777,066)	DA DA		(4,484,848) (30,263)
62	Account No. 190.1	(Worksheet B, In 17 & In 20.E)	(891,455)	DA		(59,550)
63	Account No. 255 (enter negative)	(Worksheet B, In 24 & In 25.E)	(11,569)	DA		(2,349)
64	TOTAL ADJUSTMENTS	(sum Ins 59 to 63)	(21,488,805)		•	(4,577,009)
65	PLANT HELD FOR FUTURE USE	(Worksheet A In 29.E & In 30.E)	230,024	DA		-
66	REGULATORY ASSETS	(Worksheet A In 36. (E))	-	DA		-
67	WORKING CAPITAL	(Note E)				
68	Cash Working Capital	(1/8 * In 88)	68,375			68,375
69 70	Transmission Materials & Supplies	(Worksheet C, In 2.F)	350	TP	1.00000	350
70 71	A&G Materials & Supplies Stores Expense	(Worksheet C, In 3.F) (Worksheet C, In 4.(D))	3,651	W/S GP(h)	0.11505 0.17930	420
7 1 72	Prepayments (Account 165) - Labor Allocated	(Worksheet C, In 4.(D)) (Worksheet C, In 8.G)	5,216,363	GP(n) W/S	0.17930 0.11505	- 600,152
73	Prepayments (Account 165) - Gross Plant	(Worksheet C, In 8.F)	145,232	GP(h)	0.17930	26,040
74	Prepayments (Account 165) - Transmission Only	(Worksheet C, In 8.E)	-	DA	1.00000	· •
75	Prepayments (Account 165) - Unallocable	(Worksheet C, In 8.D)	(3,191,126)	NA	0.00000	-
76	TOTAL WORKING CAPITAL	(sum Ins 68 to 75)	2,242,844			695,337
77	IPP CONTRIBUTIONS FOR CONSTRUCTION	(Note F) (Worksheet D, In 8 (B))	-	DA	1.00000	_
		(Σ, τ		

79,294,838

13,619,051

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

KINGSPORT POWER COMPANY

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

	EXPENSE, TAXES, RETURN & REVENUE REQUIREMENTS CALCULATION	Data Sources (See "General Notes")	TO Total	ΔIId	ocator	Total Transmission
Line	NEGOTIEMENTO OFFICE PROPERTY.	<u> 1969 General Maise /</u>	<u>10 10tai</u>	<u>/</u>	<u> </u>	<u> </u>
No.	OPERATION & MAINTENANCE EXPENSE					
79	Production	321.80.b	141,721,465			
80	Distribution	322.156.b	3,692,799			
81	Customer Related Expense	322.164,171,178.b	1,563,784			
82	Regional Marketing Expenses	322.131.b	-			
83	Transmission	321.112.b	596,987			
84	TOTAL O&M EXPENSES	(sum Ins 79 to 83)	147,575,035			
85 86	Less: Total Account 561	(Note G) (Worksheet F, In 14.C)	49,991			
86 87	Less: Account 565 Less: Regulatory Deferrals & Amortizations	(Note H) 321.96.b (Note I) (Worksheet F, In 4.C)	- -			
88	Total O&M Allocable to Transmission	(Ins 83 - 85 - 86 - 87)	546,996	TP	1.00000	546,996
00	Total Odivi Allocable to Transmission	(113 03 - 03 - 00 - 07)	340,990	11	1.00000	340,990
89	Administrative and General	323.197.b (Note J)	1,907,672			
90	Less: Acct. 924, Property Insurance	323.185.b	189,747			
91	Acct. 9260039 PBOP Expense	PBOP Worksheet O Line 9 & 10, (Note K)	(281,510)			
92	Acct. 9260057 PBOP Medicare Subsidy	PBOP Worksheet O Line 11, (Note K)	-			
93	PBOP Expense Billed From AEPSC	PBOP Worksheet O Line 13, (Note K)	(22,576)			
94	Acct. 928, Reg. Com. Exp.	323.189.b	259			
95	Acct. 930.1, Gen. Advert. Exp.	323.191.b	3,918			
96	Acct. 930.2, Misc. Gen. Exp.	323.192.b	108,340			
97	Balance of A & G	(In 89 - sum In 90 to In 96)	1,909,494	W/S	0.11505	219,691
98	Plus: Acct. 924, Property Insurance	(In 90)	189,747	GP(h)	0.17930	34,022
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 27.(E) (Note L)	-	TP	1.00000	-
101	Acct 930.2 - Misc Gen. Exp Trans	Worksheet F In 34.(E) (Note L)	33,501	DA	1.00000	33,501
102	Settlement Approved PBOP Recovery	PBOP Worksheet O, Col. C, Line 5, (Note M)	240,565	W/S	0.11505	27,677
103	A & G Subtotal	(sum Ins 97 to 102)	2,373,307			314,891
					!	
104	O & M EXPENSE SUBTOTAL	(ln 88 + ln 103)	2,920,303			861,888
105	Plus: TEA Settlement in Account 565	Company Records (Note H)	-	DA	1.00000	-
106	Plus: Transmission Lease Payments To Affiliates in A		-	DA	1.00000	- 004 000
107	TOTAL O & M EXPENSE	(ln 104 + ln 105 + ln 106)	2,920,303			861,888
108	DEPRECIATION AND AMORTIZATION EXPENSE					
109	Production	336.2-6.f	_	NA	0.00000	_
110	Distribution	336.8.f	4,435,658	NA NA	0.00000	_
111	Transmission	336.7.f	714,417	TP1	1.00000	714,417
112	Plus: Transmission Plant-in-Service Additions (Works		N/A	11 1	1.00000	N/A
113	General	336.10.f	87,049	W/S	0.11505	10,015
114	Intangible	336.1.f	514,744	W/S	0.11505	59,222
115	TOTAL DEPRECIATION AND AMORTIZATION	(Ln 109+110+	5,751,868	, 3	011.1000	783,654
		111+112+113+114)	3,1 3 1,3 3 3			. 55,55
116	TAXES OTHER THAN INCOME	(Note N)				
117	Labor Related					
118	Payroll	Worksheet H In 21.(D)	170,681	W/S	0.11505	19,637
119	Plant Related					
120	Property	Worksheet H In 21.(C) & In 35.(C)	1,165,280	DA		213,918
121	Gross Receipts/Sales & Use	Worksheet H In 21.(F)	3,974,444	NA	0.00000	-
122	Other	Worksheet H In 21.(E)	807,370	GP(h)	0.17930	144,763
123	TOTAL OTHER TAXES	(sum Ins 118 to 122)	6,117,775			378,318
401	INCOME TAYER	(N-4-0)				
124	INCOME TAXES	(Note O)	00.000/			
125	T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * p)} =		39.23%			
126 127	EIT=(T/(1-T)) * (1-(WCLTD/WACC)) =		51.54%			
127	where WCLTD=(In 162) and WACC = (In 165)					
128 129	and FIT, SIT & p are as given in Note O. GRCF=1 / (1 - T) = (from In 125)		1 6454			
130	Amortized Investment Tax Credit (enter negative)	(FF1 p.114, In 19.c)	1.6454			
130	Amortized investment rax Credit (enter negative)	(11 1 p. 114, 111 19.6)	-			
131	Income Tax Calculation	(In 126 * In 134)	3,582,345			615,275
132	ITC adjustment	(In 129 * In 130)	-	NP(h)	0.17801	-
133	TOTAL INCOME TAXES	(sum Ins 131 to 132)	3,582,345	()	0111001	615,275
. 30		(0,002,010			0.0,270
134	RETURN ON RATE BASE (Rate Base*WACC)	(In 78 * In 165)	6,951,120			1,193,869
	, ,	,	, ,			, ,
135	INTEREST ON IPP CONTRIBUTION FOR CONST. (Note	e F) (Worksheet D, In 2.(B))	-	DA	1.00000	-
	·					
136	(Gains) / Losses on Sales of Plant Held for Future Use (V	Vorksheet N, In 4, Cols. ((F) & (H))	-			-
		, _ , , , , , , , , , , , , , , , , , ,				
137	Tax Impact on Net Loss / (Gain) on Sales of Plant Held f	or Future Use (In 136 * In126)	-			-
400	TOTAL DEVENUE DECLUDEMENT		05 000 444		,	0.000.004
138	TOTAL REVENUE REQUIREMENT		25,323,411		·	3,833,004
	(sum lns 107, 115, 123, 133, 134, 135)					

KINGSPORT POWER COMPANY

SUPPORTING CALCULATIONS

In No.	TRANSMISSION PLANT INCLUDED IN PJM TARIFF						
139	Total transmission plant	(In 20)					28,248,816
140	Less transmission plant excluded from PJM Tariff (Note	` ,					-
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)				_	28,248,816
143	Percent of transmission plant in PJM Tariff	(ln 142 / ln 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	126,598	234,122	360,720	TP 1.00000	360,720
147	Regional Market Expenses	354.22.b	0	0	-	NA 0.00000	-
148	Distribution	354.23.b	1,579,827	277,588	1,857,415	NA 0.00000	-
149	Other (Excludes A&G)	354.24,25,26.b	402,474	514,674	917,148	NA 0.00000	-
150	Total	(sum Ins 145 to 149)	2,108,899	1,026,384	3,135,283	_	360,720
151	Transmission related amount					W/S=	0.11505
152	WEIGHTED AVERAGE COST OF CAPITAL (WACC)						\$
153	Long Term Interest	(Worksheet M, In. 21, col. (E	7))			_	904,000
154	Preferred Dividends	(Worksheet M, In. 56, col. (E	,,				-
155	Development of Common Stock:	(110.110.110.1111, 1111.100, 100.111)	777				Average
156	Proprietary Capital	(Worksheet M, In. 1, col. (E))			_	31,179,570
157	Less: Preferred Stock	(Worksheet M, In. 2, col. (E)					-
158	Less: Account 216.1	(Worksheet M, In. 3, col. (E)					_
159	Less: Account 219	(Worksheet M, In. 4, col. (E)	'				1,648
160	Common Stock	(ln 156 - ln 157 - ln 158 - ln				_	31,177,922
		(100 101 100		Capital Structure	Weighting	Cost	01,111,022
161		Average \$		Actual	Cap Limit	(Note S)	Weighted
162	Long Term Debt (Note T) W/S M, In 11, In 22, col. (E))	20,000,000	ı	39.08%	0.00%	0.0452	0.0177
163						0.0.02	
164	• , , , , , , , , , , , , , , , , , , ,			0.00%	0.00%	-	0.0000
	Preferred Stock (In 157)	-		0.00% 60.92%	0.00% 0.00%	- 11.49%	0.0000 0.0700
165	• , , , , , , , , , , , , , , , , , , ,	31,177,922 51,177,922		0.00% 60.92%	0.00% 0.00%	11.49% WACC=	0.0000 0.0700 0.0877

KINGSPORT POWER COMPANY

Notes

<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.

- E 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.
- F 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 KINGSPORT 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.
- 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 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.
- O The currently effective income tax rate, where FIT is the Federal income tax rate; SIT is the State income tax rate, and p = the percentage of federal income tax deductible for state income taxes. See Worksheet G for the development of the Company's composite SIT. A utility that elected to utilize amortization of tax credits against taxable income, rather than book tax credits to Account No. 255 and reduce rate base, must reduce its income tax expense by the amount of the Amortized Investment Tax Credit (Form 1, 266.8.f)

(In 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 KINGSPORT 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 KINGSPORT POWER COMPANY

<u>Line</u>	(A)	(B)	(C)	(D)	(E)
Number	Rate Base Item & Supporting Balance	Source of Data	Balance @ December B	alance @ December 31, 2013	Average Balance for 2014
	tional ARO investment and accumulated depreciation				<u></u>
	nent Balances				
1	Production Plant In Service	FF1, page 205 Col.(g) & pg. 204 Col. (b), In 46	-	-	_
2	Production Asset Retirement Obligation (ARO)	FF1, page 205&204, Col.(g)&(b), Ins 15,24,34,44	-		_
3	Transmission Plant In Service	FF1, page 207 Col.(g) & pg. 206 Col. (b), In 58	29,327,301	27,170,330	28,248,816
4	Transmission Asset Retirement Obligation	FF1, page 207 Col.(g) & pg. 206 Col. (b), In 57	-	-	20,210,010
5	Distribution Plant In Service	FF1, page 207 Col.(g) & pg. 206 Col. (b), In 75	130,967,502	124,786,846	127,877,174
6	Distribution Asset Retirement Obligation	FF1, page 207 Col.(g) & pg. 206 Col. (b), In 74	-	-	-
7	General Plant In Service		2,710,237	2,674,895	2 602 566
		FF1, page 207 Col.(g) & pg. 206 Col. (b), ln 99			2,692,566
8	General Asset Retirement Obligation	FF1, page 207 Col.(g) & pg. 206 Col. (b), ln 98	-	-	-
9	Intangible Plant In Service	FF1, page 205 Col.(g) & pg. 204 Col. (b), ln 5	1,957,505	598,290	1,277,898
10	Total Property Investment Balance	(Sum of Lines: 3, 1, 5, 7, 9)	164,962,545	155,230,361	160,096,453
11	Total ARO Balance (included in total on line 10)	(Sum of Lines: 4, 2, 6, 8)	-	<u>-</u>	<u> </u>
	I Depreciation & Amortization Balances				
12	Production Accumulated Depreciation	FF1, page 219, Ins 20-24, Col. (b)	•	-	-
13	Production ARO Accumulated Depreciation	Company Records - Note 1	•	-	-
14	Transmission Accumulated Depreciation	FF1, page 219, In 25, Col. (b)	11,194,253	10,775,746	10,985,000
15	Transmission ARO Accumulated Depreciation	Company Records - Note 1	•	-	-
16	Distribution Accumulated Depreciation	FF1, page 219, In 26, Col. (b)	50,324,033	47,454,659	48,889,346
17	Distribution ARO Accumulated Depreciation	Company Records - Note 1	•	-	-
18	General Accumulated Depreciation	FF1, page 219, In 28, Col. (b)	857,819	788,519	823,169
19	General ARO Accumulated Depreciation	Company Records - Note 1	-	-	-
20	Intangible Accumulated Amortization	FF1, page 200, In 21, Col. (b)	1,360,305	816,023	1,088,164
21	Total Accumulated Depreciation or Amortization	(Sum of Lines: 14, 12, 16, 18, 20)	63,736,410	59,834,947	61,785,679
22	Total ARO Balance (included in total on line 21)	(Sum of Lines: 15, 13, 17, 19)	-	-	-
Generation S	Step-Up Units				
23	GSU Investment Amount	Company Records - Note 1	-	-	-
24	GSU Accumulated Depreciation	Company Records - Note 1	-	-	-
25	GSU Net Balance	(Line 23 - Line 24)	-	-	
	n Accumulated Depreciation Net of GSU Accumulated	-			
26	Transmission Accumulated Depreciation	(Line 14 Above)	11,194,253	10,775,746	10,985,000
27	Less: GSU Accumulated Depreciation	(Line 24 Above)		-	-
28	Subtotal of Transmission Net of GSU	(Line 26 - Line 27)	11,194,253	10,775,746	10,985,000
	or Future Use				
29	Plant Held For Future Use	FF1, page 214, ln 47, Col. (d)	34,829	425,220	230,024
30	Transmission Plant Held For Future	Company Records - Note 1	•	-	-
	Assets and Liabilities Approved for Recovery In Rateb Note: Regulatory Assets & Liabilities can only be inclu		C.		
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 KINGSPORT POWER COMPANY

	(A)	(B)	(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 - In 8 - In 9	20,357,471 0 15,819,094 4,538,377	19,259,960 0 14,828,642 4,431,318	19,808,716 - 15,323,868 4,484,848
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, In 9, Col. (k) Company Records - Note 1 Company Records - Note 1 Ln 12 - In 13 - In 14	938,362 0 886,691 51,671	615,769 0 606,915 8,854	777,066 - 746,803 30,263
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	(1,065,767) 0 (973,164) (92,603)	(717,142) 0 (690,645) (26,497)	(891,455) - (831,905) (59,550)
21	Account 255				
22 23	Year End ITC Balances Less: Balances Not Qualified for Ratebase	FF1, p. 266-267, ln 8, Col. (h) Company Records - Note 1	3,883 0	19,255 0	11,569
24 25	ITC Balances Includeable Ratebase Transmission Related Deferrals	Ln 22 - In 23 Company Records - Note 1	3,883 760	19,255 3,937	11,569 2,349

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 KINGSPORT POWER COMPANY

	KINGSPORT POWER COMPANY									
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(1)	
			<u>Material</u>	s & Supplies						
<u>Line</u> <u>Number</u>			<u>Source</u>	Balance @ December 31, 2014	Balance @ December 31, 2013	Average Balance for 2014				
2		Transmission Materials & Supplies	FF1, p. 227, ln 8, Col. (c) & (b)	148	552	350				
3		General Materials & Supplies	FF1, p. 227, ln 11, Col. (c) & (b)	922	6,380	3,651				
4		Stores Expense (Undistributed)	FF1, p. 227, ln 16, Col. (c) & (b)	0	0	-				
Prepayment Balance Summary 100% Transmission Transmission Total Included										
5			Average of YE Balance	Excludable <u>Balances</u>	Transmission Related	Plant Related	Labor Related	in Ratebase (E)+(F)+(G)		
6 7		Totals as of December 31, 2014 Totals as of December 31, 2013	2,255,228 2,085,708	(3,117,490) (3,264,761)	0	146,958 143,505	5,225,761 5,206,964	5,372,719 5,350,469		
8		Average Balance	2,170,468	(3,191,126)	-	145,232	5,216,363	5,361,594		
			Prepayments Account 165 - B	alance @ 12/31/20	14					
9	Acc. No.	<u>Description</u>	2014 YE Balance	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 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	1650001 165000214 165000215 1650003 1650004 1650005 1650009 1650010 1650014 1650014 1650021 1650023 1650035 1650035	Prepaid Insurance Prepaid Taxes Prepaid Rents Prepaid Interest Prepaid Employee Benefits Other Prepayments Prepaid Carry Cost-Factored AR Prepaid Pension Benefits FAS 158 Qual Contra Asset FAS 112 ASSETS Prepaid Insurance - EIS Prepaid Lease PRW Without Med-D Benefits PRW for Med-D Benefits FAS158 Contra-PRW Exc Med-D Subtotal - Form 1, p 111.57.c	51,834 2,046,162 51,183 0 0 0 10,792 4,922,326 (4,922,326) 0 95,124 133 (298,994) 602,429 (303,434) 2,255,228 Prepayments Account 165 - B	2,046,162 51,183 - - - - 10,792 (4,922,326) - - 133 (303,434) (3,117,490)		51,834 - 95,124 146,958	- - 4,922,326 - - (298,994) 602,429 5,225,761	95,124 (298,994 602,429 5,372,719	Prepaid Taxes - Distribution Prepaid Taxes - Distribution AR Factoring - Retail Only Prefunded Pension Expense SFAS 158 Offset Prepaid Lease - Distribution) SFAS 158 Offset	
26	Acc. No.	<u>Description</u>	2013 <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>	
27 28 29 30 31 32 33 34 35 36 37 38 39	1650001 165000213 165000214 1650003 1650004 1650006 1650009 1650010 1650014 1650016 1650021 1650023	Prepaid Insurance Prepaid Taxes Prepaid Taxes Prepaid Rents Prepaid Interest Prepaid Employee Benefits Other Prepayments Prepaid Carry Cost-Factored AR Prepaid Pension Benefits FAS 158 Qual Contra Asset FAS 112 ASSETS Prepaid Insurance - EIS Prepaid Lease	29,581 1,926,580 7,664 0 0 0 7,959 5,206,964 (5,206,964) 0 113,924	- 1,926,580 7,664 - - - - - 7,959 - (5,206,964) - -		29,581 - - 113,924	- - 5,206,964 - -	29,581 - - - - - 5,206,964 - 113,924	Plant Related Insurance Policies Prepaid Taxes - Distribution Prepaid Taxes - Distribution AR Factoring - Retail Only Prefunded Pension Expense SFAS 158 Offset	
		Subtotal Form 1 n 111 F7 d	2.005.700	(2.264.761)		142 505	E 206 064	5 250 460	_	

(3,264,761)

143,505

5,350,469

5,206,964

2,085,708

Subtotal - Form 1, p 111.57.d

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

<u>Line</u> <u>Number</u>	(A) <u>Description</u>	(B) <u>2014</u>
1	Net Funds from IPP Customers 12/31/2014 (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 ((In 1 + In 7)/2)	

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

AEP East Companies Cost of Service Formula Rate Using 2014 FF1 Balances Worksheet E Supporting Revenue Credits KINGSPORT 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)	280,372	280,372	-
2	Account 451, Miscellaneous Service Revenues (FF1 p.300.17.(b); Company Records - Note 1)	29,486	29,486	-
3	Account 454, Rent from Electric Property (FF1 p.300.19.(b); Company Records - Note 1)	1,398,477	1,355,092	43,386
4	Account 4560015, Associated Business Development - (Company Records - Note 1)	231,095	81,762	149,333
5	Account 456 - Other Electric Revenues - (Company Records - Note 1)	3,922,158	3,922,158	
6	Subtotal - Other Operating Revenues (Company Total equals (FF1 p. 300.26.(b))	5,861,588	5,668,869	192,719
7	Accounts 4470004 & 5, Revenues from Grandfathered Transmission Contracts - (Company	-	-	•
8	Records - Note 1) Total Other Operating Revenues To Reduce Revenue Requirement	5,861,588	5,668,869	192,719

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

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

	(A)	(B)	(C)	(D)	(E)	(F)
					<u>100%</u>	
<u>Line</u>			_ <u>2014</u>	<u>100%</u>	<u>Transmission</u>	
<u>Number</u>	<u>Item No.</u>	<u>Description</u>	<u>Expense</u>	Non-Transmission	<u>Specific</u>	<u>Explanation</u>
		Regulatory O&M Deferrals & Amortizations				
1		No Applicable Charges for KGPCO	-			
2						
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	322			
7	FF1 p 321.86.b	561.2 - Load Dispatch - Monitor & Operate Trans System	43,945			
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	199			
10	FF1 p 321.89.b	561.5 - Reliability, Planning and Standards Development	5,525			
11	FF1 p 321.90.b	561.6 - Transmission Service Studies	0			
12	FF1 p 321.91.b	561.7 - Generation Interconnection Studies	0			
13	FF1 p 321.92.b	561.8 - Reliability, Planning and Standards Development Servi	0			
14	•	Total of Account 561	49,991	•		
				•		
		Account 928				
15	9280000	Regulatory Commission Exp	-	-	-	
16	9280001	Regulatory Commission Exp-Adm	-	-	-	
17	9280002	Regulatory Commission Exp-Case	259	259	-	
18		Total	259	259		
		Account 930.1				
19	9301000	General Advertising Expenses	-	_	_	
20	9301002	Radio Station Advertising Time	4	4		
21	9301010	Publicity	122	122	-	
22	9301011	Dedications, Tours, & Openings	0	0	-	
23	9301012	Public Opinion Surveys	2,089	2,089	-	
24	9301013	Movies Slide Films & Speeches	-	-	-	
25	9301014	Video Communications	-	-	-	
26	9301015	Other Corporate Comm Exp	1,703	1,703	-	
27		Total	3,918	3,918		
21		· otal	0,010	0,010		
		Account 930.2				
28	9302000	Misc General Expenses	32,515	32,515		
29	9302003	Corporate & Fiscal Expenses	600			
30	9302004	Research, Develop&Demonstr Exp	640			
31	9302005	Nucl Fac Ins - Replice Engy Cst	0	0	00	
32	9302006	Assoc Bus Dev - Materials Sold	29	0 41 085	29	
33	9302007	Assoc Business Development Exp	74,557	41,085	33,472	
34		Total	108,341	74,840	33,501	
		·	- 1	,		

Formula Rate KGPCo WS G State Tax Rate Page 22 of 34

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

Tennessee Excise Tax Rate Apportionment Factor - Note 2 100.00% Effective State Tax Rate

6.50%

6.50%

Total Effective State Income Tax Rate

6.50%

The Ohio State Income Tax is being phased-out prorata over a 5 year period from 2005 through 2009. The Note 1 taxable portion of income is 0% 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 KINGSPORT POWER COMPANY

	(A)	(B)	(C)	(D)	(E)	(F)
Line No.	Account	Total Company NOTE 1	Property	Labor	Other	Non-Allocable
		NOTET				
1	Revenue Taxes					
2	Gross Receipts Tax	3,972,742				3,972,742
3	Real Estate and Personal Property Taxes					
4	Real and Personal Property - Tennessee	1,165,280	1,165,280			
5	Real and Personal Property - Other	0	-			
6	Payroll Taxes					
7	Federal Insurance Contribution (FICA)	171,291		171,291		
8	Federal Unemployment Tax	1,031		1,031		
9	State Unemployment Insurance	(1,641)		(1,641)		
10	Production Taxes					
11	State Severance Taxes	-				-
12	Miscellaneous Taxes					
13	State Business & Occupation Tax	_				-
14	State Public Service Commission Fees	654,642			654,642	
15	State Franchise Taxes	149,286			149,286	
16	State Lic/Registration Fee	3,422			3,422	
17	Misc. State and Local Tax	20			20	
18	Sales & Use	1,702				1,702
19	Federal Excise Tax	-				-
20	Michigan Single Business Tax	-				-
21	Total Taxes by Allocable Basis	6,117,775	1,165,280	170,681	807,370	3,974,444
	(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					
	Fulle	tional Property Tax Production	Transmsission	<u>Distribution</u>	<u>General</u>	<u>Total</u>
22	Functionalized Net Plant (Hist. TCOS, Lns 212 thru 222) TENNESSEE JURISDICTION	-	18,133,048	80,643,469	1,852,418	100,628,935
23	Percentage of Plant in TENNESSEE JURISDICTION		100.00%	100.00%	100.00%	
24	Net Plant in TENNESSEE JURISDICTION (Ln 22 * Ln 23)	-	18,133,048	80,643,469	1,852,418	100,628,935
25	Less: Net Value of Exempted Generation Plant	-				
26	Taxable Property Basis (Ln 24 - Ln 25)		18,133,048	80,643,469	1,852,418	100,628,935
27	Relative Valuation Factor		100%	100%	100%	3
28	Weighted Net Plant (Ln 26 * Ln 27)	-	18,133,048	80,643,469	1,852,418	
29	General Plant Allocator (Ln 28 / (Total - General Plant))	0.00%	18.36%	81.64%	-100.00%	
30	Functionalized General Plant (Ln 29 * General Plant)	-	340,060	1,512,358	(1,852,418)	-
31	Weighted TENNESSEE JURISDICTION Plant (Ln 28 + 30)	- 0.000/	18,473,108	82,155,827	-	100,628,935
32	Functional Percentage (Ln 31/Total Ln 31)	0.00%	18.36%	81.64%		1 105 000
33	Functionalized Expense in TENNESSEE JURISDICTION	-	213,918	951,362		1,165,280
34	Total Other Jurisdictions: (Line 5 * Net Plant Allocator)		-			-
35	Total Func. Property Taxes (Sum Lns 33, 34)		213,918	951,362		1,165,280

AEP East Companies

(A)

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

Line **Total** FERC FORM 1 **Annual Tax Expenses by Type (Note 1) FERC FORM 1 Reference** No. Company Tie-Back Revenue Taxes **Gross Receipts Tax** 3,972,742 1,926,580 P.263 In 32 (i) 2,046,162 P.263 In 33 (i) Real Estate and Personal Property Taxes Real and Personal Property - Tennessee 1,165,280 6,280 P.263 In 16 (i) 1,159,000 P.263 In 17 (i) Real and Personal Property - Other 5 Payroll Taxes 6 Federal Insurance Contribution (FICA) 171,291 171,291 P.263 In 5 (i) Federal Unemployment Tax 1,031 1,031 P.263 In 6 (i) (1,641)State Unemployment Insurance (1,641) P.263 In 29 (i) **Production Taxes** 10 **State Severance Taxes** 11 Miscellaneous Taxes 12 State Business & Occupation Tax 13 State Public Service Commission Fees 654,642 654,642 P.263 In 39 (i) 149,286 **State Franchise Taxes** 15 28,746 P.263 In 26 (i) 120,000 P.263 ln 27 (i) 540 P.263.1 In 15 (i) State Lic/Registration Fee 3,422 22 P.263 In 36 (i) 3,400 P.263.1 In 8 (i) P.263 In 40 (i) 20 Misc. State and Local Tax 17 20 P.263.1 ln 16 (i) 1,702 Sales & Use 18 212 P.263 In 12 (i) 1,490 P.263 In 13 (i) Federal Excise Tax 19 Michigan Single Business Tax 20 6,117,775 Total Taxes by Allocable Basis 6,117,775 21 (Total Company Amount Ties to FFI p.114, Ln 14,(c))

(B)

(C)

(D)

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 KINGSPORT 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)):	27,170,330
2	Transmission Plant @ End of Historic Period (2014) (P.207, In 58,(g)):	29,327,301
3		56,497,631
4	Average Balance of Transmission Investment	28,248,816
5	Annual Depreciation Expense, Historic TCOS, In 276	714,417
6	Composite Depreciation Rate	2.53%
7	Round to 2.53% to Reflect a Composite Life of 40 Years	2.53%

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

0	Month in	Comi	talinad Balamaa	Composite Annual Depreciation	Da	Annual	Mont	ikly Dangaciation	No. Months	De	First Year
8	Service	Сарі	talized Balance	Rate	De	preciation	WON	thly Depreciation	Depreciation		Expense
9	January	\$	297,353	2.53%	\$	7,523	\$	627	11	\$	6,897
10	February	\$	308,345	2.53%	\$	7,801	\$	650	10	\$	6,500
11	March	\$	52,159	2.53%	\$	1,320	\$	110	9	\$	990
12	April	\$	63,573	2.53%	\$	1,608	\$	134	8	\$	1,072
13	May	\$	66,883	2.53%	\$	1,692	\$	141	7	\$	987
14	June	\$	73,281	2.53%	\$	1,854	\$	155	6	\$	930
15	July	\$	54,846	2.53%	\$	1,388	\$	116	5	\$	580
16	August	\$	54,400	2.53%	\$	1,376	\$	115	4	\$	460
17	September	\$	53,814	2.53%	\$	1,361	\$	113	3	\$	339
18	October	\$	52,850	2.53%	\$	1,337	\$	111	2	\$	222
19	November	\$	52,858	2.53%	\$	1,337	\$	111	1	\$	111
20	December	\$	52,866	2.53%	\$	1,338	\$	111	0	\$	-
21	Investment	\$	1,183,228					Depr	eciation Expense	\$	19,088

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 2014

OF Maion Zonal Projects		ated Cost)00's)	Month in Service
25 <u>Major Zonal Projects</u> 26 N/A	\$	_	
27	Subtotal	\$0	
28 PJM Socialized/Beneficiary Allocated Regional Projects			
29 N/A		\$0	
30	Subtotal	\$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 KINGSPORT POWER COMPANY

Page 1 of 2

W Incentives

Incentive Amounts

SUMMARY OF PROJECTED ANNUAL RTEP REVENUE REQUIREMENTS

PROJECTED YEAR

Rev Require

. 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

11.49% <==ROE Adder Cannot Exceed 125 Basis Points

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>70</u>	COST	vv eigrited cost
Long Term Debt	39.00%	4.52%	1.763%
Preferred Stock	0.00%	0.00%	0.000%
Common Stock	61.00%	11.49%	7.008%
		R =	8.771%

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

Rate Base (Projected TCOS, In 78)	14,808,422
R (from A. above)	8.771%
Return (Rate Base x R)	1,298,913

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

Return (from B. above)	1,298,913
Effective Tax Rate (Projected TCOS, In 126)	51.57%
Income Tax Calculation (Return x CIT)	669,840
ITC Adjustment	-
Income Taxes	669,840

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)	4,013,431
T.E.A. & Lease Payments (Projected TCOS, Lns 105 & 106)	-
Return (Projected TCOS, In 134)	1,298,913
Income Taxes (Projected TCOS, In 133)	669,840
Annual Revenue Requirement, Less TEA Charges, Return and Taxes	2,044,678

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

Annual Revenue Requirement, Less TEA Charges, Return and Taxes	2,044,678
Return (from I.B. above)	1,298,913
Income Taxes (from I.C. above)	669,840
Annual Revenue Requirement, with Basis Point ROE increase	4,013,431
Depreciation (Projected TCOS, In 111)	714,417
Annual Rev. Reg, w/ Basis Point ROE increase, less Depreciation	3,299,014

C. Determine FCR with hypothetical basis point ROE increase.

Net Transmission Plant (Projected TCOS, In 48) Annual Revenue Requirement, with Basis Point ROE increase FCR with Basis Point increase in ROE	18,133,048 4,013,431 22.13%
Annual Rev. Req, w / Basis Point ROE increase, less Dep.	3,299,014
FCR with Basis Point ROE increase, less Depreciation	18.19%
FCR less Depreciation (Projected TCOS, In 9)	<u>17.65%</u>
Incremental FCR with Basis Point ROE increase, less Depreciation	0.54%

III. Calculation of Composite Depreciation Rate

27,170,330
29,327,301
56,497,631
28,248,816
714,417
2.53%
39.54
40

KgPCo 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.

_	_			
Δ	Base	Plan	Faci	lities

Facilities receiving incentives accepted by FERC in Docket No. Current Projected Year ARR (e.g. ER05-925-000) Current Projected Year ARR w/ Incentive **Project Description:** Current Projected Year Incentive ARR

Details							
nvestment		Current Year				2008	
Service Year (yyyy)	2008	ROE increase accepto	ed by FERC (Basis Po	oints)			-
Service Month (1-12)	1	FCR w/o incentives, le	ess depreciation			•	17.65%
Jseful life	40	FCR w/incentives app	roved for these facilities	es, less dep.		•	17.65%
CIAC (Yes or No)	No	Annual Depreciation E	xpense				-
Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive I Requireme	
2008	-	-	-	-	-	\$	-
2009	-	-	-	-	-	\$	-
2010	-	-	-	-	-	\$	-
2011	-	-	-	-	-	\$	-
2012	-	-	-	-	-	\$	-
2012	1					¢.	

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.

RTEP Projected

RTEP Projected

Page 2 of 2

la construction of the con	Do minumin n	Downstiation	Fadina	DTED Day Day's	DTED Day Davik	lacentine Box	RTEP Projected Rev. Req't.From Prior Year	RTEP Projected Rev. Req't.From Prior Year	
Investment Year	Beginning Balance	Depreciation Expense	Ending Balance	RTEP Rev. Req't. w/o Incentives	RTEP Rev. Req't. with Incentives **	Incentive Rev. Requirement ##	Template w/o Incentives	Template with Incentives **	
2008	-	-	-	-	-	\$ -			
2009 2010	-	-	-	-	-	\$ - \$ -			
2011	-	-	-	-	-	\$ -			
2012	-	-	-	-	-	\$ -			
2013	-	-	-	-	-	\$ -			
2014	-	-	-	-	-	-			
2015 2016	-	-	-	-	-	\$ - \$ -			
2017	_	-	- -	-	-	\$ - \$ -			
2018	-	-	-	-	-	\$ -			
2019	-	-	-	-	-	\$ -			
2020	-	-	-	-	-	\$ -			
2021	-	-	-	-	-	-			
2022 2023	-	-	-	-	-	\$ \$			
2023] [-	- -	-	-	\$ -			
2025	_	-	-	-	-	\$ -			
2026	-	-	-	-	-	\$ -			
2027	-	-	-	-	-	\$ -			
2028	-	-	-	-	-	\$ -			
2029	-	-	-	-	-	-			
2030 2031	_	-	-	-	-	\$ - \$ -			
2032	_	-	-	-	-	\$ -			
2033	-	-	-	-	-	\$ -			
2034	-	-	-	-	-	\$ -			
2035	-	-	-	-	-	\$ -			
2036	-	-	-	-	-	-			
2037	-	-	-	-	-	-			
2038 2039		-	-	-	-	\$ - \$ -			
2040	_	-	_	-	-	\$ -			
2041	-	-	-	-	-	\$ -			
2042	-	-	-	-	-	\$ -			
2043	-	-	-	-	-	\$ -			
2044	-	-	-	-	-	-			
2045 2046	-	-	-	-	-	\$ -			
2047	_	-	_	-	-	\$ -			
2048	-	-	-	-	-	\$ -			
2049	-	-	-	-	-	\$ -			
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2064	-	-	-	-	-	-			
2065	-	-	-	-	-	-			
2066 2067	-	-	-	-	-	\$ - \$ -			
Project Totals		-		-	-	φ -			
rioject iotals		-		-	-	-			

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

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.

^{##} 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.

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 KINGSPORT POWER COMPANY

Page 1 of 2

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	• ,		11.49%
Project ROE Incentive Adde	r		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 t	erm debt, cost of pr	eferred stock and equi	ity percentage is from the True-Up TCOS, Ins 162 through164)
	<u>%</u>	Cost	Weighted cost
Long Term Debt	39.08%	4.52%	1.766%
Preferred Stock	0.00%	0.00%	0.000%
Common Stock	60.92%	11.49%	<u>7.000%</u>
		R =	8.766%

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

Rate Base (True-Up TCOS, In 78)	13,619,051
R (from A. above)	8.766%
Return (Rate Base x R)	1,193,869

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

Return (from B. above)	1,193,869
Effective Tax Rate (True-Up TCOS, In 126)	51.54%
Income Tax Calculation (Return x CIT)	615,275
ITC Adjustment	-
Income Taxes	615,275

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)	3,833,004
T.E.A. & Lease Payments (True-Up TCOS, Lns 105 & 106)	-
Return (True-Up TCOS, In 134)	1,193,869
Income Taxes (True-Up TCOS, In 133)	615,275
Annual Revenue Requirement, Less TEA	2,023,860
Charges Return and Tayes	

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

Annual Revenue Requirement, Less TEA Charges, Return and Taxes	2,023,860
Return (from I.B. above)	1,193,869
Income Taxes (from I.C. above)	615,275
Annual Revenue Requirement, with 0 Basis Point ROE increase	3,833,004
Depreciation (True-Up TCOS, In 111)	714,417
Annual Rev. Req, w/ 0 Basis Point ROE	3,118,587
ncrease less Depreciation	

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

Net Transmission Plant (True-Up TCOS, In 48)	17,263,816
Annual Revenue Requirement, with 0 Basis Point ROE increase	3,833,004
FCR with 0 Basis Point increase in ROE	22.20%
Annual Rev. Req, w / 0 Basis Point ROE increase, less Dep.	3,118,587
FCR with 0 Basis Point ROE increase, less Depreciation	18.06%
FCR less Depreciation (True-Up TCOS, ln 9)	<u>18.06%</u>
Incremental FCR with 0 Basis Point ROE	0.00%
increase, less Depreciation	

increase, less Depreciation III. Calculation of Composite Depreciation Rate

Transmission Plant @ Beginning of Historic Period () (P.206, ln 58,(b)):	27,170,330
Transmission Plant @ End of Historic Period () (P.207, In 58,(g)):	29,327,301
Subtotal	56,497,631
Average Transmission Plant Balance for	28,248,816
Annual Depreciation Rate (True-Up TCOS, In 111)	714,417
Composite Depreciation Rate	2.53%
Depreciable Life for Composite Depreciation Rate	39.54
Round to nearest whole year	40

		Rev Require	W Incentives		Incentive I	Amount
TRUE-UP YEAR	2014					
As Projec	cted in Prior Year WS J				\$	-
	Actual after True-up	\$	- \$	-	\$	-
Tru	ue-up of ARR For 2014		-	-		-

KgPCo 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

Project Description:

Project Totals

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 True-Up Adjustment

Details 2014 Current Year Investment 2008 ROE increase accepted by FERC (Basis Points) Service Year (yyyy) Service Month (1-12) FCR w/o incentives, less depreciation 18.06%

Useful life 40 FCR w/incentives approved for these facilities, less dep. 18.06% CIAC (Yes or No) No Annual Depreciation Expense Incentive Rev. Investment Beginning Depreciation **Ending** Average RTEP Rev. Req't. RTEP Rev. Req't. Balance Expense Balance Balance w/o Incentives with Incentives ** Requirement # Year 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030

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. RTEP Projected RTEP Projected

	RIEP Projected		RTEP Projected		
	Rev. Req't.From	RTEP Rev Req't	Rev. Req't.From	RTEP Rev Req't	True-up of
v.	Prior Year WS J	True-up	Prior Year WS J	True-up	Incentive
##	w/o Incentives	w/o Incentives	with Incentives **	with Incentives **	with Incentives **
	W/O IIICEIIIIVES		with incentives		
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KGPCo WS K TRUE-UP RTEP RR Page 29 of 34

Page 2 of 2

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

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

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

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

Lino	(A)	(B)	(C)	(D)	(E)
<u>Line</u> Number	<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) Advances From Associated Co.	20,000,000	4 5000/	004 000	
2 3	Advances From Associated Co.	20,000,000	4.520%	904,000	
4	Installment Purchase Contracts (FF1.p. 256	-257.h, a)			
5	N/A for Kingsport Power Company			-	
6				-	
7 8				-	
9				-	
10				-	
11 12				-	
13				-	
14				-	
15				-	
16				-	
17 18				-	
19				-	
20				-	
21 22				-	
23				-	
24 25				-	
26			0.000%		
27	Jacuaras Diagount Promium & Evenence				
27 28	Issuance Discount, Premium, & Expenses: Auction Fees	FF1.p. 256 & 257.Lines Described as Fe	ees	-	
29	Allowable Hedge Amortization (See Ln 45 Beld	ow)			
30 31	Amort of Debt Discount and Expenses Amort of Debt Premimums (Enter Negative)	FF1.p. 117.63.c FF1.p. 117.65.c			
01	Amort of Best Freminanis (Enter Negative)	111.5. 117.00.0			
32	Reacquired Debt:	FF4 p. 447 C4 p.			
33 34	Amortization of Loss Amortization of Gain	FF1.p. 117.64.c FF1.p. 117.66.c			
35	Total Interest on Long Term Debt	20,000,000	4.52%	904,000	
36	Preferred Stock (FF1.p. 250-251)	Preferred Shares Outstanding			
37	4.125% Series - \$100 - Shares O/S	•	0.00%	-	
38 39				-	
40	Dividends on Preferred Stock		0.00%	-	
41	Net Total Hedge Gains and Losses (WS M, L			-	
42 43	Total Projected Capital Structure Balance for 2 Financial Hedge Recovery Limit - Five Basis I			51,277,290 0.0005	
43 44	Limit of Recoverable Amount	Forms of Total Capital		25,639	
45	Recoverable Hedge Amortization (Lesser of	f Ln 41 or Ln 44)		-	

AEP East Companies Transmission Cost of Service Formula Rate KINGSPORT 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)
<u>Line</u> Develo	pment of Average Balance of Common Equity	Balances @ 12/31/2014	Balances @ 12/31/2013	Average
<u> </u>	priorit of Attorago Balanco of Common Equity			
	1 Proprietary Capital (112.16.c&d)	31,277,290	31,081,849	31,179,570
	2 Less Preferred Stock (Ln 55 Below)	0	0	-
	3 Less Account 216.1 (112.12.c&d) 4 Less Account 219.1 (112.15.c&d)	0	3,296	0 1,648
	5 Average Balance of Common Equity	31,277,290	31,078,553	31,177,922
Dovolo	nment of Coot of Long Torm Dobt Boood on A	raraga Outatanding Ba	longo	
<u>Develo</u>	pment of Cost of Long Term Debt Based on Av	<u>rerage Outstanding Ba</u>	<u>iarice</u>	
	6 Bonds (112.18.c&d)	0	0	0
	7 Less: Reacquired Bonds (112.19.c&d)	0	0	0
	8 LT Advances from Assoc. Companies (112.20.c&d)	20,000,000	20,000,000	20,000,000
	9 Senior Unsecured Notes (112.21.c&d)0 Less: Fair Value Hedges (See Note on Ln 12 below)	0	0	0
	1 Total Average Debt	20,000,000	20,000,000	20,000,000
1	2 NOTE: The balance of fair value hedges on outstandir debt included in the formula's capital structure. (Colun		excluded from the ba	alance of long term
	3 Annual Interest Expense for 2014			
1	4 Interest on Long Term Debt (256-257.33.i)	2 057 and (i) of EEDO		904,000
1	Less: Total Hedge Gain/Expense Accumulated from p 256 Form 1 included in Ln 14 and shown in Ln 34 below.	5-257, COI. (I) OI FERG		_
1	6 Plus: Allowed Hedge Recovery From Ln 39 below.			-
1	7 Amort of Debt Discount & Expense (117.63.c)			-
	8 Amort of Loss on Reacquired Debt (117.64.c)			-
	9 Less: Amort of Premium on Debt (117.65.c) 0 Less: Amort of Gain on Reacquired Debt (117.66.c)			-
	1 Total Interest Expense (Ln 14 + Ln 17 + Ln 18 - Ln 19 -	Ln 20)	_	904,000
	2 Average Cost of Debt for 2014 (Ln 21/Ln 11)	-	-	4.52%
2	2 Average Gost of Debt for 2014 (Lit 21/Lit 11)		<u></u>	4.32%

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	-	-				
 35 Hedge Gain or Loss Prior to Application of Recovery Limit 36 Total Average Capital Structure Balance for 2014 (True-UF 37 Financial Hedge Recovery Limit - Five Basis Points of Tot 38 Limit of Recoverable Amount 39 Recoverable Hedge Amortization (Lesser of Ln 35 or Lr 	TCOS, Ln 165) al Capital		51,177,922 0.0005 25,589			
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)	-	-	-
47 00/ O 1			
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)	-	-	<u>-</u>
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)	-	-	<u> </u>
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 KINGSPORT 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 = Transmiss G = General	Basis ion	Proceeds	(Gain) / Loss	Allocator	Proceeds (Gain) / Loss	Account
1						-	0.000%	-	
2						-	0.000%	-	
3						-	0.000%	-	
4			1	Net (Gain) or Lo	oss for 2014			<u>-</u>	

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 KINGSPORT POWER COMPANY

Total AEP East Operating Company PBOP Settlement Amount

30,000,000

Allocation of PBOP Settlement Amount for 2014

Total 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 APC	0	(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 KPC	0	(3,026,000)	7.98%	2,393,895	7.063%	(213,739)	169,090	(382,829)
5 KNG	iP	(304,086)	0.80%	240,565	11.505%	(34,986)	27,677	(62,663)
6 OPC	Co	(10,311,857)	27.19%	8,157,799	18.192%	(1,875,953)	1,484,083	(3,360,036)
7 WPC	Co	(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&M</u>	<u>KPCo</u>	KNGSPT	<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 KINGSPORT POWER COMPANY

	PLANT		
	ACCT.	RATES	
		Note 1	
TRANSMISSION PLANT			
Structures & Improvements	352.0	2.10%	
Station Equipment	353.0	2.57%	
Towers & Fixtures	354.0	1.91%	
Poles & Fixtures	355.0	4.20%	
Overhead Conductors	356.0	2.50%	
Underground Conduit	357.0	Note 2	
Underground Conductors	358.0	Note 2	
Composite Transmission Depreciation Rate		2.59%	

Reference:

Note 1: Rates Approved In Tennessee Regulatory Authority Case No. U-84-7308.

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

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.